

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
 Data File : VY022785.D
 Acq On : 24 Jun 2025 09:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

Quant Time: Jun 25 01:19:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	480569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	788269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	678315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	340335	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	261283	48.714	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.420%
35) Dibromofluoromethane	7.634	113	244214	50.943	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.880%
50) Toluene-d8	10.103	98	966354	50.800	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.402	95	304692	49.825	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	187605	45.653	ug/l	99
3) Chloromethane	2.068	50	352218	44.886	ug/l	98
4) Vinyl Chloride	2.202	62	447496	45.647	ug/l	100
5) Bromomethane	2.592	94	333794	43.310	ug/l	99
6) Chloroethane	2.733	64	300761	45.640	ug/l	96
7) Trichlorofluoromethane	3.050	101	491670	45.294	ug/l	98
8) Diethyl Ether	3.452	74	128537	47.942	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	241549	48.692	ug/l	98
10) Methyl Iodide	4.001	142	277717	51.418	ug/l	99
11) Tert butyl alcohol	4.854	59	84161	235.981	ug/l	98
12) 1,1-Dichloroethene	3.787	96	234897	48.290	ug/l	98
13) Acrolein	3.647	56	107203	221.672	ug/l	99
14) Allyl chloride	4.379	41	368419	49.242	ug/l	95
15) Acrylonitrile	5.049	53	275688	246.454	ug/l	99
16) Acetone	3.867	43	299043	294.982	ug/l	97
17) Carbon Disulfide	4.104	76	771483	49.095	ug/l	100
18) Methyl Acetate	4.385	43	142156	42.343	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	647481	48.885	ug/l	100
20) Methylene Chloride	4.610	84	277358	43.322	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	268610	48.317	ug/l	97
22) Diisopropyl ether	6.012	45	819092	49.296	ug/l	99
23) Vinyl Acetate	5.958	43	2377985	259.134	ug/l	99
24) 1,1-Dichloroethane	5.909	63	490905	48.913	ug/l	100
25) 2-Butanone	6.890	43	382848	259.477	ug/l	100
26) 2,2-Dichloropropane	6.884	77	432416	51.399	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	313435	48.520	ug/l	100
28) Bromochloromethane	7.244	49	210301	49.841	ug/l	95
29) Tetrahydrofuran	7.262	42	230217	247.100	ug/l	99
30) Chloroform	7.421	83	502331	48.595	ug/l	95
31) Cyclohexane	7.701	56	432130	46.906	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	434321	48.620	ug/l	98
36) 1,1-Dichloropropene	7.835	75	364003	50.094	ug/l	99
37) Ethyl Acetate	6.982	43	161101	51.379	ug/l	96
38) Carbon Tetrachloride	7.817	117	381526	49.762	ug/l	97
39) Methylcyclohexane	9.110	83	474467	50.457	ug/l	99
40) Benzene	8.079	78	1111272	49.742	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	88474	45.834	ug/l	95
42) 1,2-Dichloroethane	8.158	62	308508	50.394	ug/l	98
43) Isopropyl Acetate	8.195	43	327988	50.329	ug/l	99
44) Trichloroethene	8.866	130	273386	48.740	ug/l	97
45) 1,2-Dichloropropane	9.140	63	261237	49.962	ug/l	96
46) Dibromomethane	9.231	93	144951	48.835	ug/l	96
47) Bromodichloromethane	9.420	83	381786	49.881	ug/l	99
48) Methyl methacrylate	9.219	41	164236	52.423	ug/l	95
49) 1,4-Dioxane	9.231	88	33567	957.200	ug/l	98
51) 4-Methyl-2-Pentanone	9.993	43	844784	255.091	ug/l	96
52) Toluene	10.170	92	700747	49.718	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	347407	50.447	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	403676	50.555	ug/l	98
55) 1,1,2-Trichloroethane	10.567	97	192974	50.208	ug/l	98
56) Ethyl methacrylate	10.439	69	262082	50.683	ug/l	96
57) 1,3-Dichloropropane	10.713	76	332030	49.515	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	665133	245.063	ug/l	99
59) 2-Hexanone	10.756	43	590744	262.373	ug/l	98
60) Dibromochloromethane	10.908	129	248320	50.019	ug/l	99
61) 1,2-Dibromoethane	11.012	107	178176	49.540	ug/l	97
64) Tetrachloroethene	10.646	164	299261	46.701	ug/l	97
65) Chlorobenzene	11.438	112	746746	50.101	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.512	131	254204	50.354	ug/l	100
67) Ethyl Benzene	11.518	91	1350768	51.580	ug/l	98
68) m/p-Xylenes	11.627	106	1041613	102.894	ug/l	100
69) o-Xylene	11.950	106	487801	51.140	ug/l	100
70) Styrene	11.969	104	823388	51.534	ug/l	100
71) Bromoform	12.127	173	138710	49.346	ug/l #	98
73) Isopropylbenzene	12.249	105	1260842	50.093	ug/l	99
74) N-amyl acetate	12.066	43	293683	51.982	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	208754	51.461	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	172364m	49.608	ug/l	
77) Bromobenzene	12.530	156	278554	48.825	ug/l	99
78) n-propylbenzene	12.591	91	1551740	51.062	ug/l	98
79) 2-Chlorotoluene	12.676	91	861726	50.189	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	1034655	50.921	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	69771	50.732	ug/l	98
82) 4-Chlorotoluene	12.773	91	896321	49.700	ug/l	100
83) tert-Butylbenzene	12.993	119	904947	50.501	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	1040633	51.154	ug/l	100
85) sec-Butylbenzene	13.170	105	1372848	50.919	ug/l	99
86) p-Isopropyltoluene	13.286	119	1152956	51.387	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	573618	50.062	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	560298	49.228	ug/l	100
89) n-Butylbenzene	13.615	91	1081730	51.255	ug/l	99
90) Hexachloroethane	13.877	117	224152	50.160	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	492169	48.742	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	32892	47.813	ug/l	97
93) 1,2,4-Trichlorobenzene	14.913	180	274743	48.191	ug/l	99
94) Hexachlorobutadiene	15.017	225	156435	48.524	ug/l	97
95) Naphthalene	15.139	128	501125	48.608	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	235416	47.786	ug/l	98

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ClientSampleId :
VSTDCCC050

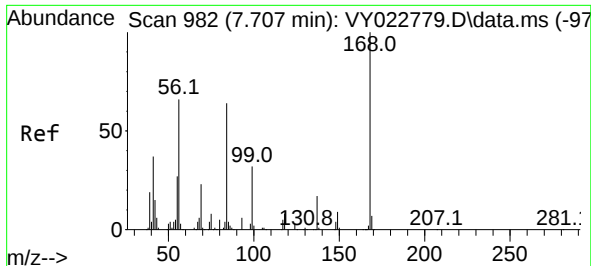
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

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Quant Title : SW846 8260
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Response via : Initial Calibration

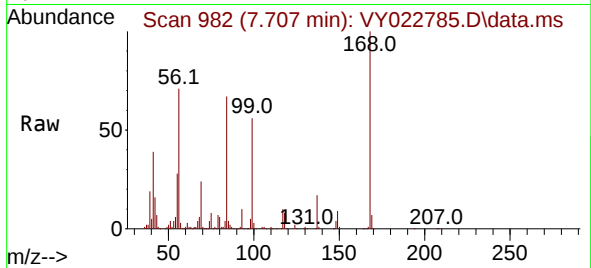
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022785.D
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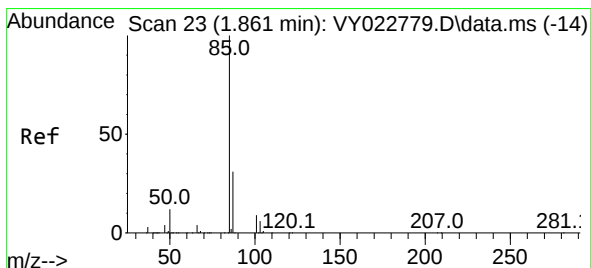
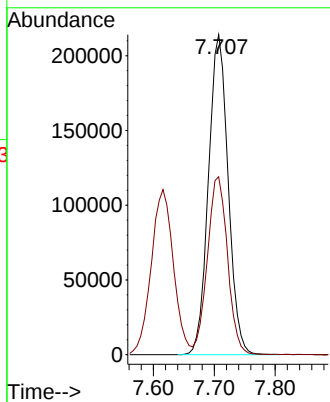
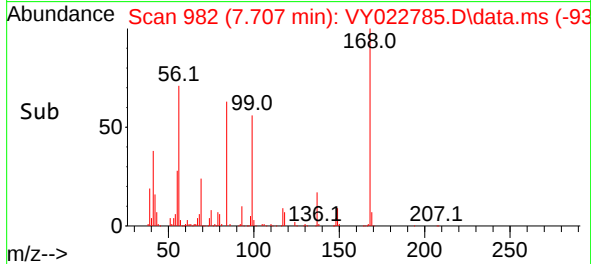
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 480569
Ion Ratio Lower Upper
168 100
99 55.5 44.3 66.5

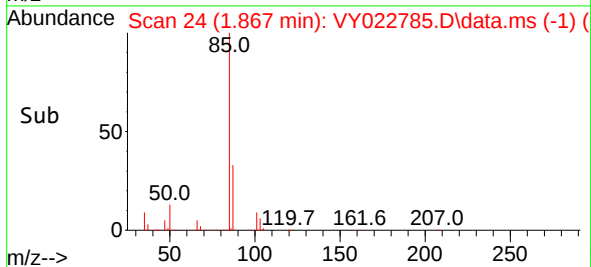
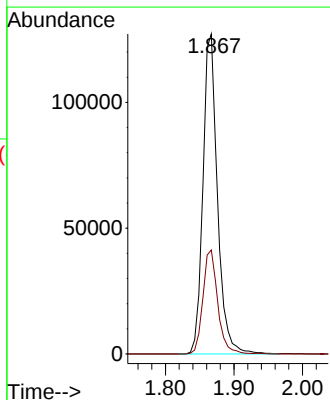
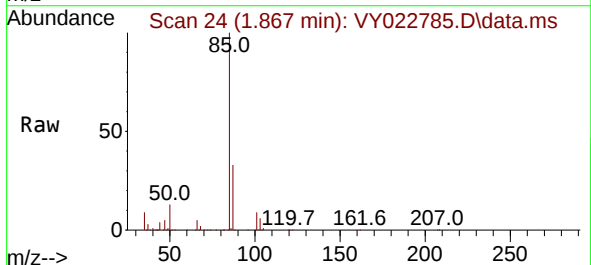
Manual Integrations
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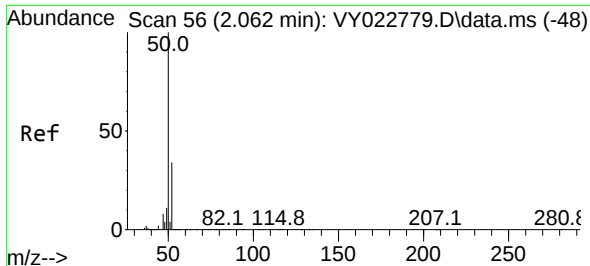
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#2
Dichlorodifluoromethane
Concen: 45.653 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

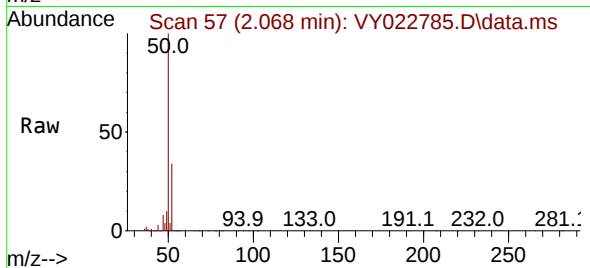
Tgt Ion: 85 Resp: 187605
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.0





#3
Chloromethane
Concen: 44.886 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

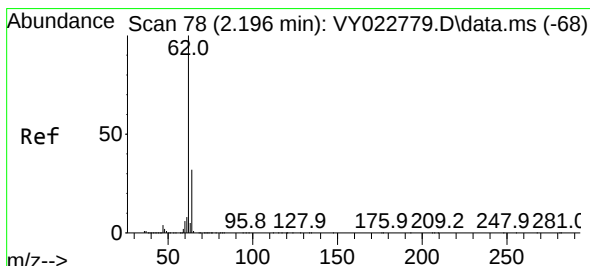
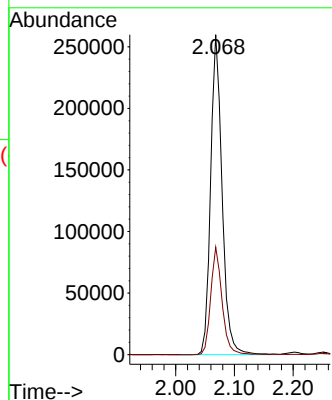
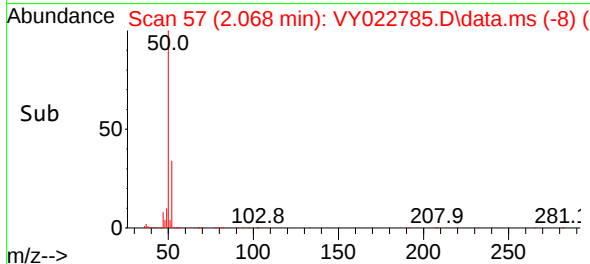
Instrument :
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ClientSampleId :
VSTDCCC050



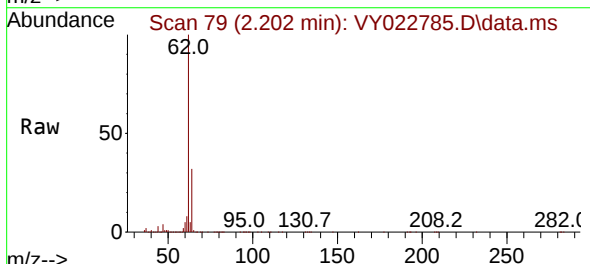
Tgt Ion: 50 Resp: 352218
Ion Ratio Lower Upper
50 100
52 33.6 26.0 39.0

Manual Integrations
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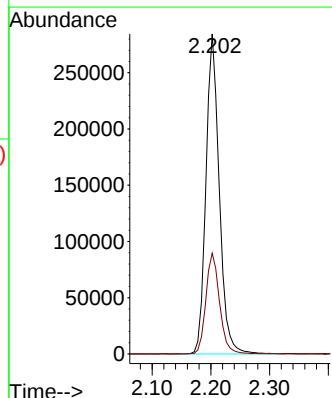
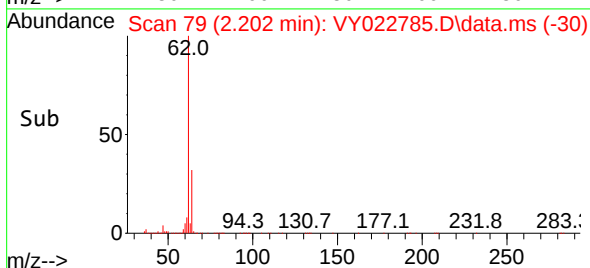
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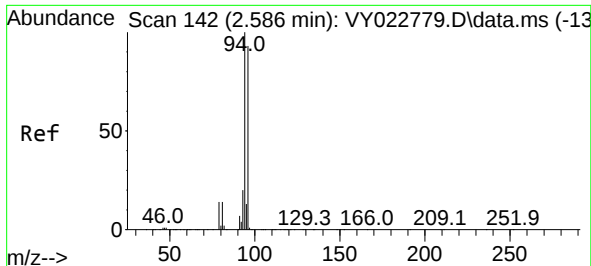


#4
Vinyl Chloride
Concen: 45.647 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20



Tgt Ion: 62 Resp: 447496
Ion Ratio Lower Upper
62 100
64 31.5 25.3 37.9





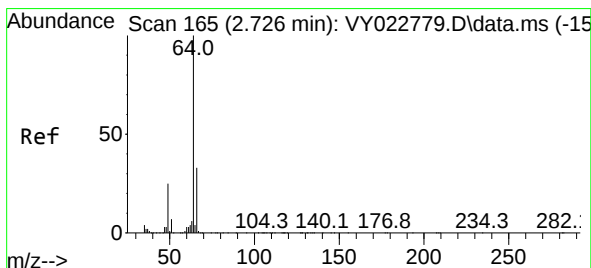
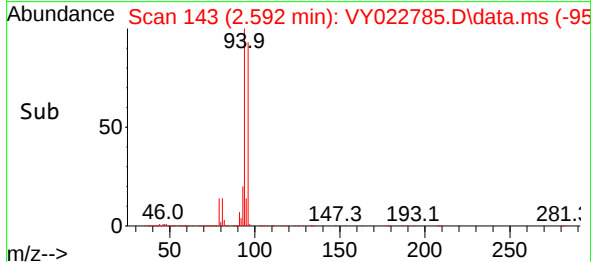
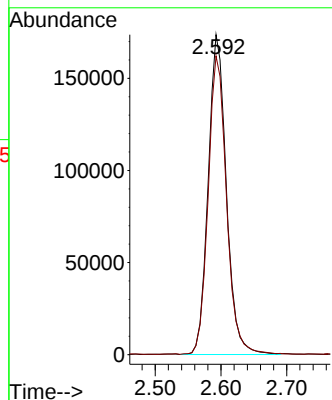
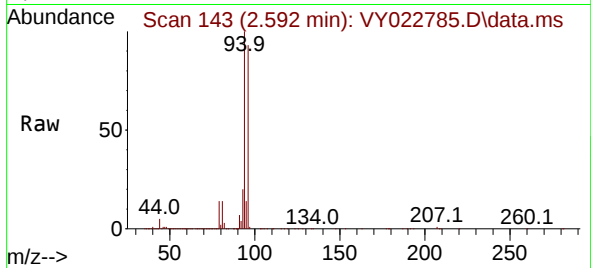
#5
Bromomethane
Concen: 43.310 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Instrument :
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Tgt Ion: 94 Resp: 333794
Ion Ratio Lower Upper
94 100
96 93.3 74.0 111.0

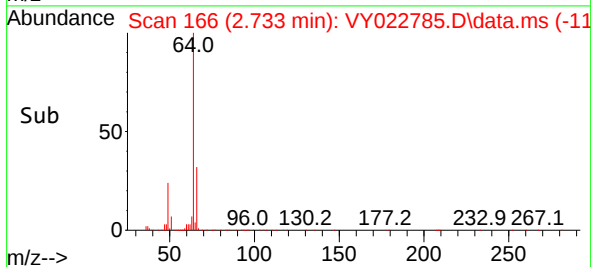
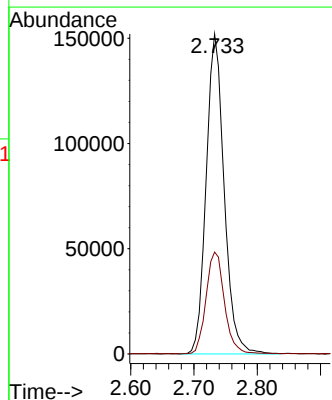
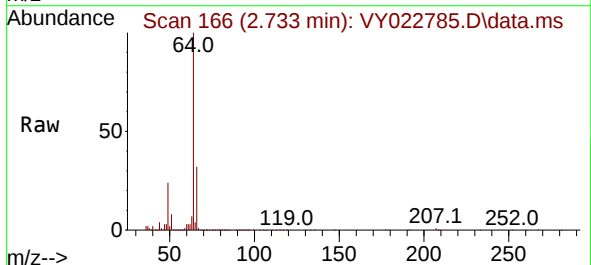
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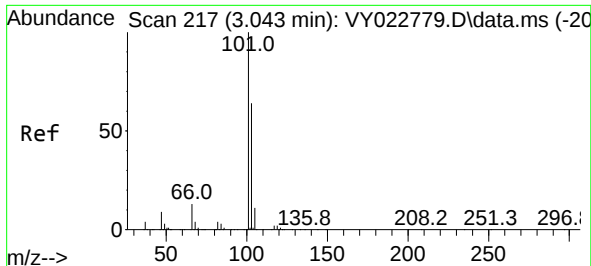
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#6
Chloroethane
Concen: 45.640 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion: 64 Resp: 300761
Ion Ratio Lower Upper
64 100
66 31.8 23.8 35.6





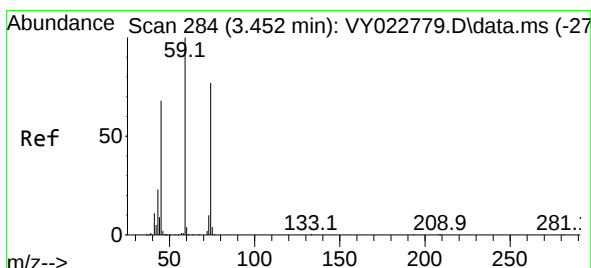
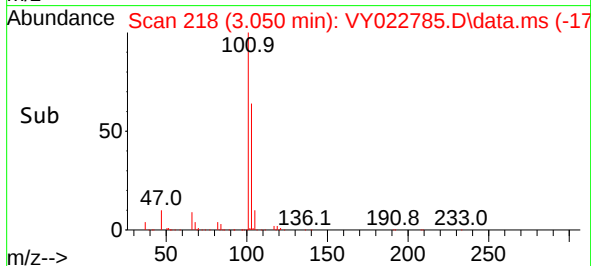
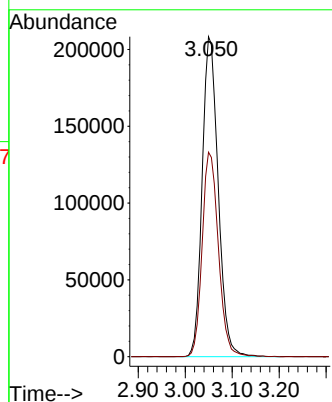
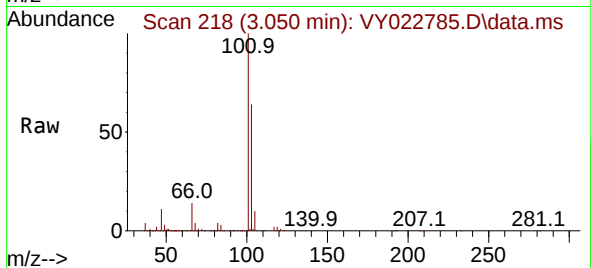
#7
Trichlorofluoromethane
Concen: 45.294 ug/l
RT: 3.050 min Scan# 217
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 491670
Ion Ratio Lower Upper
101 100
103 63.9 52.2 78.2

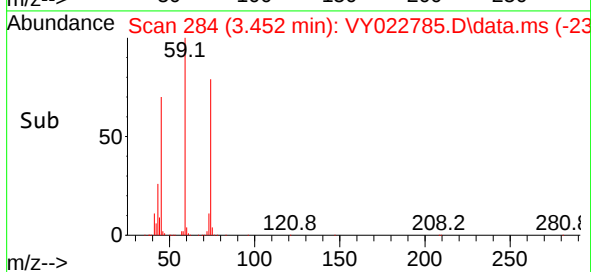
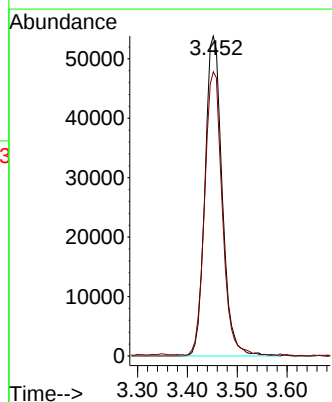
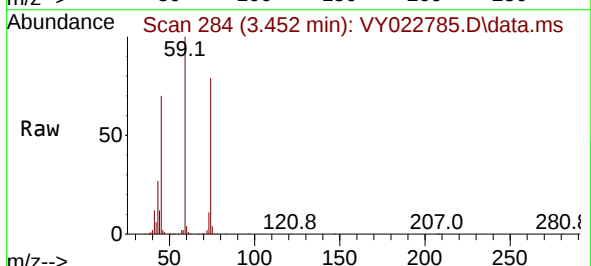
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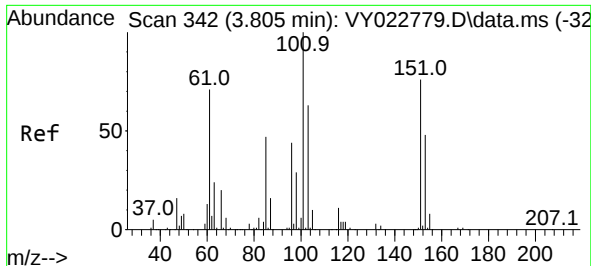
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#8
Diethyl Ether
Concen: 47.942 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

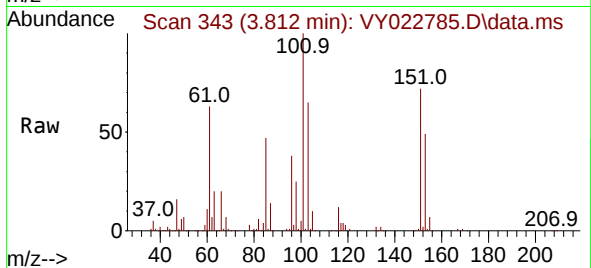
Tgt Ion: 74 Resp: 128537
Ion Ratio Lower Upper
74 100
45 91.2 45.9 137.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.692 ug/l
RT: 3.812 min Scan# 342
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

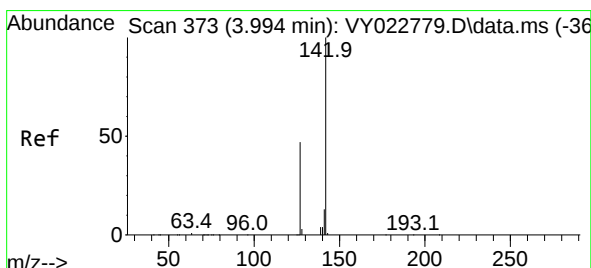
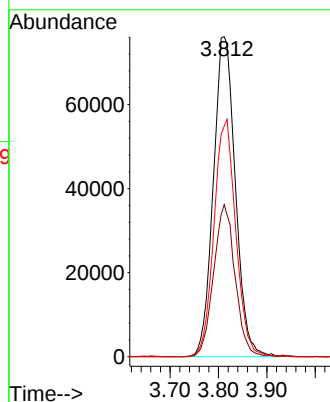
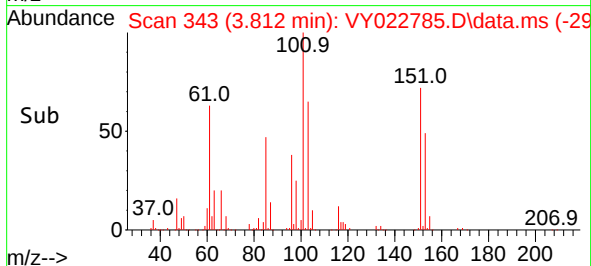
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 241549
Ion Ratio Lower Upper
101 100
85 46.2 39.3 58.9
151 73.4 57.8 86.8

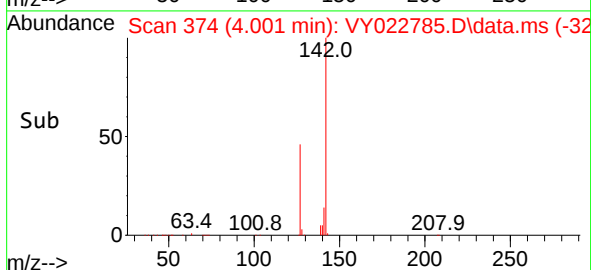
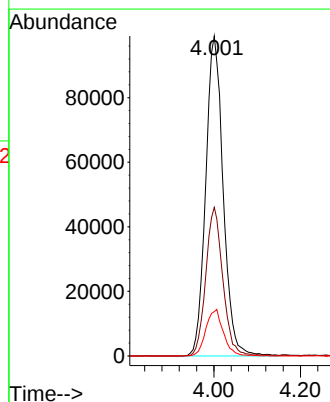
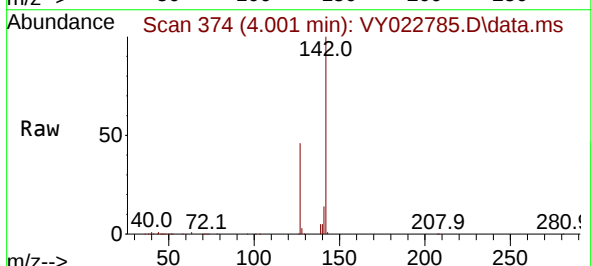
Manual Integrations
APPROVED

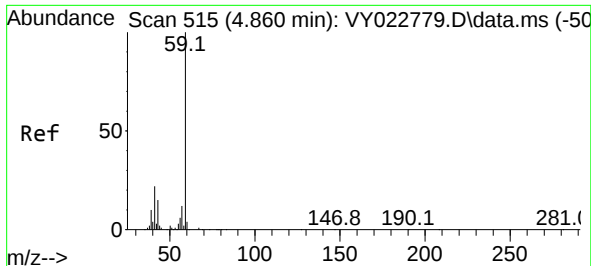
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#10
Methyl Iodide
Concen: 51.418 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion:142 Resp: 277717
Ion Ratio Lower Upper
142 100
127 45.5 37.1 55.7
141 14.6 11.4 17.2





#11

Tert butyl alcohol

Concen: 235.981 ug/l

RT: 4.854 min Scan# 515

Delta R.T. -0.030 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 8416

Ion Ratio Lower Upper

59 100

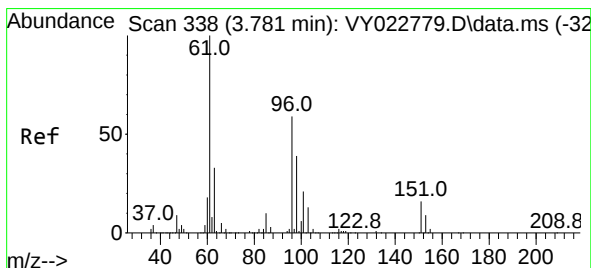
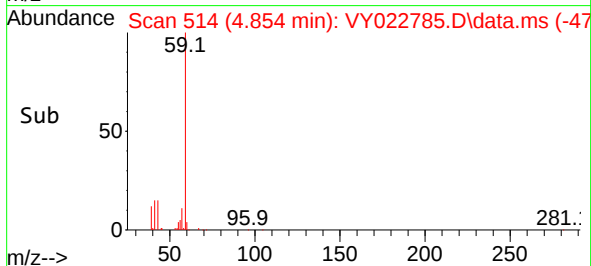
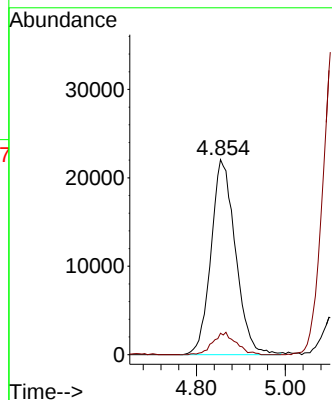
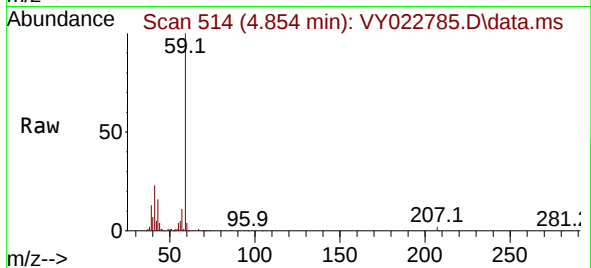
57 10.9 8.0 12.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#12

1,1-Dichloroethene

Concen: 48.290 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

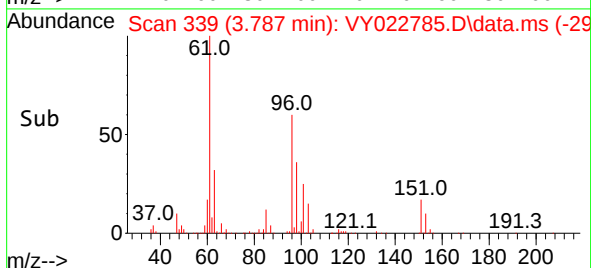
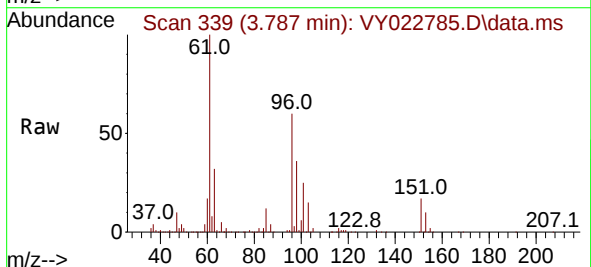
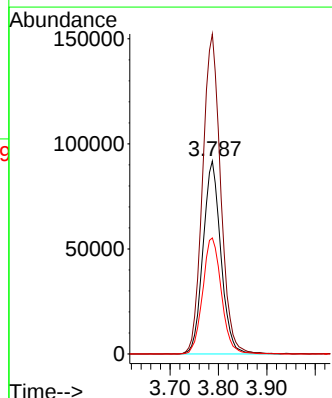
Tgt Ion: 96 Resp: 234897

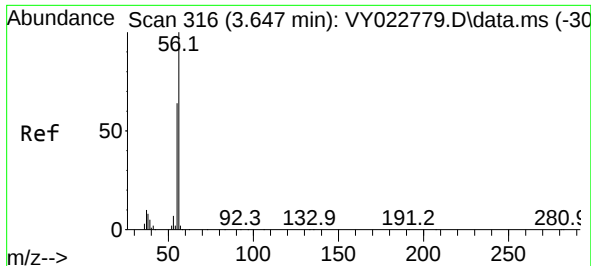
Ion Ratio Lower Upper

96 100

61 165.7 134.6 201.8

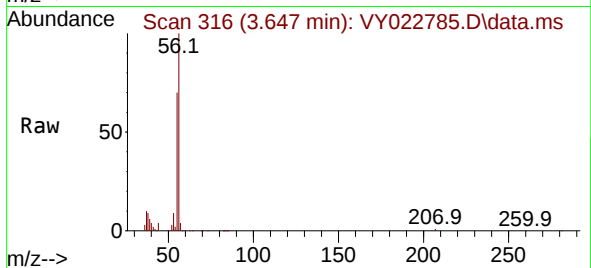
98 60.0 50.2 75.4





#13
Acrolein
Concen: 221.672 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.012 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

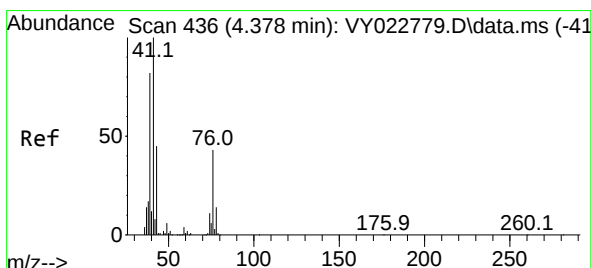
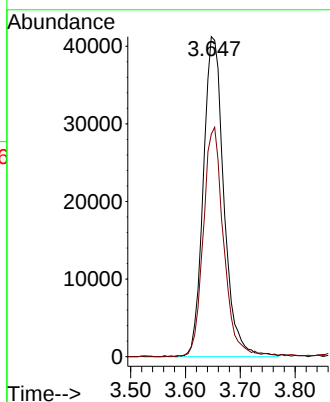
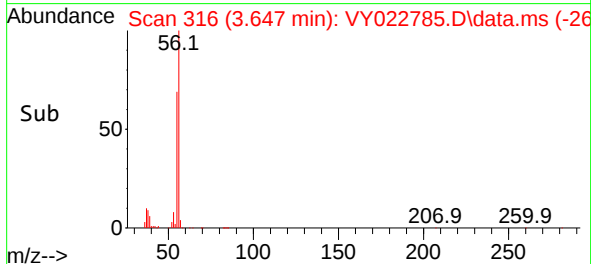
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



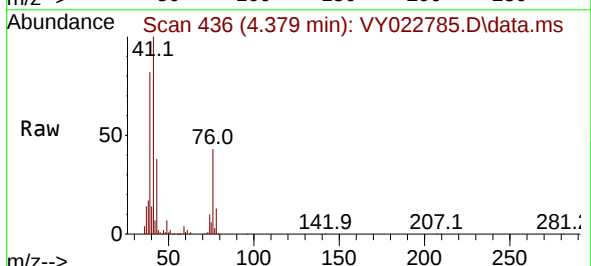
Tgt Ion: 56 Resp: 10720
Ion Ratio Lower Upper
56 100
55 70.7 57.0 85.6

Manual Integrations
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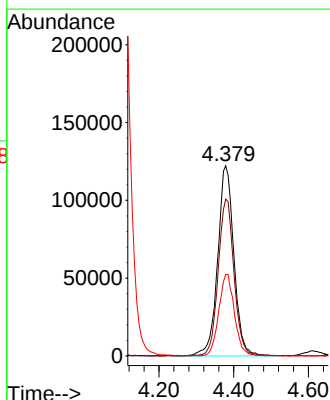
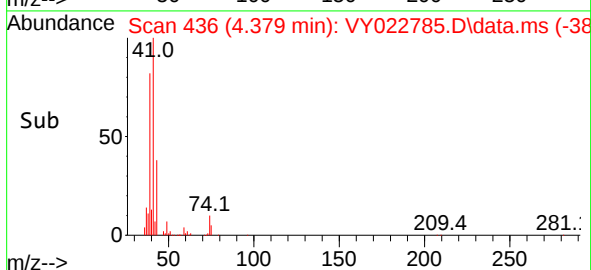
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

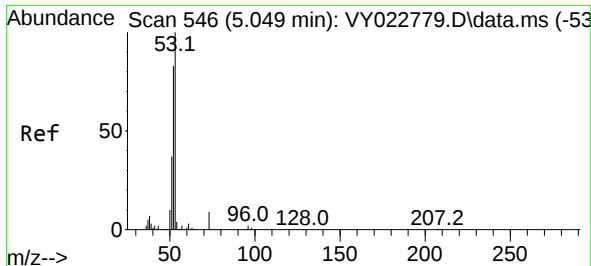


#14
Allyl chloride
Concen: 49.242 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20



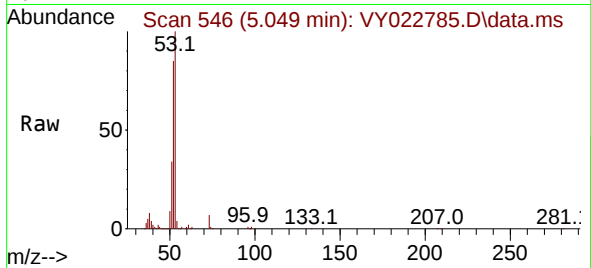
Tgt Ion: 41 Resp: 368419
Ion Ratio Lower Upper
41 100
39 80.5 69.1 103.7
76 41.4 33.5 50.3





#15
Acrylonitrile
Concen: 246.454 ug/l
RT: 5.049 min Scan# 546
Delta R.T. -0.018 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

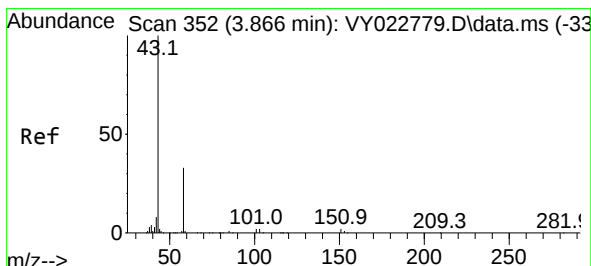
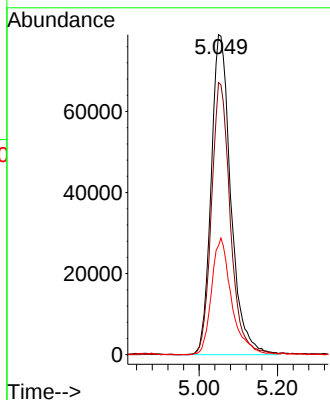
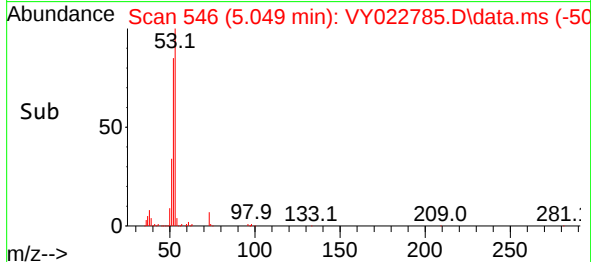
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



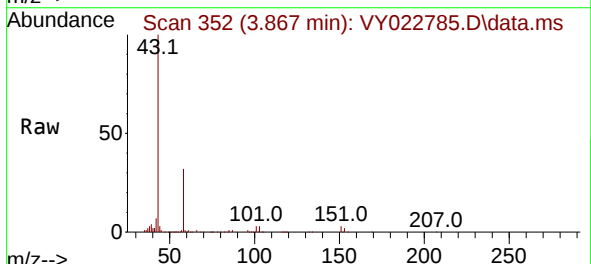
Tgt Ion: 53 Resp: 275688
Ion Ratio Lower Upper
53 100
52 81.3 65.7 98.5
51 37.2 30.1 45.1

Manual Integrations
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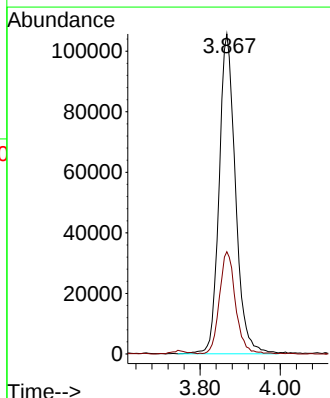
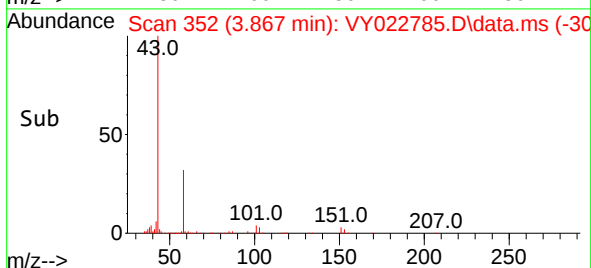
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

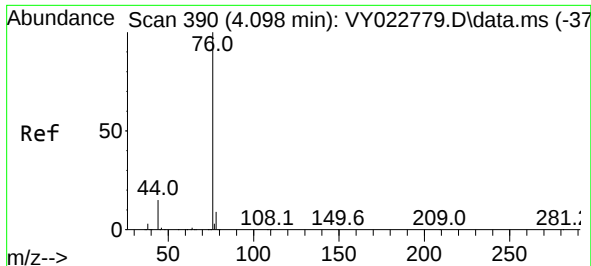


#16
Acetone
Concen: 294.982 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20



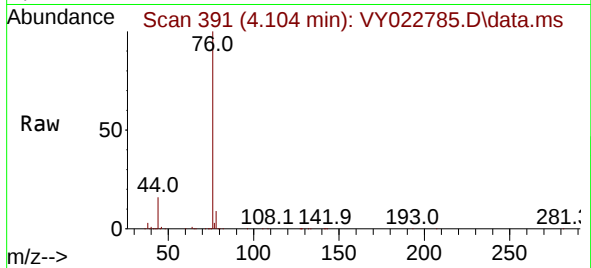
Tgt Ion: 43 Resp: 299043
Ion Ratio Lower Upper
43 100
58 31.9 24.0 36.0





#17
Carbon Disulfide
Concen: 49.095 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

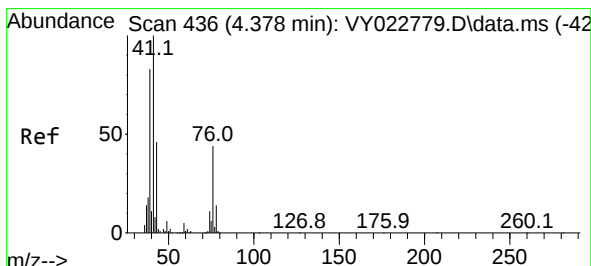
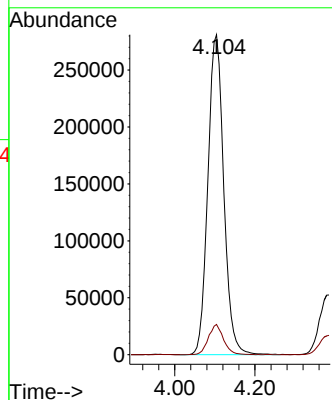
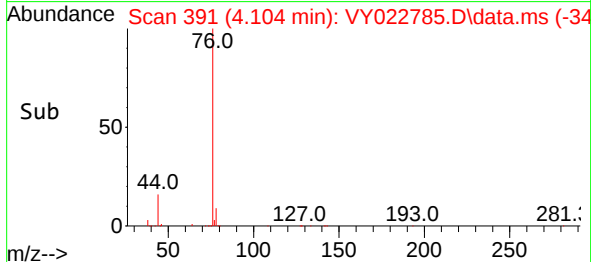
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 77148
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

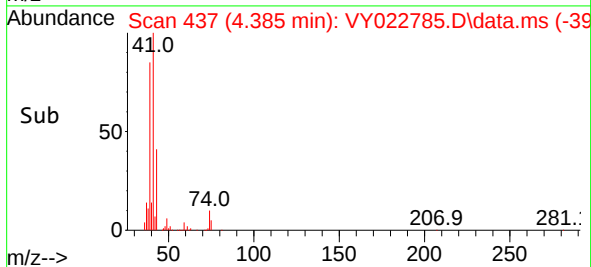
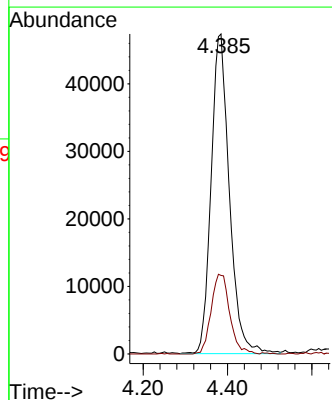
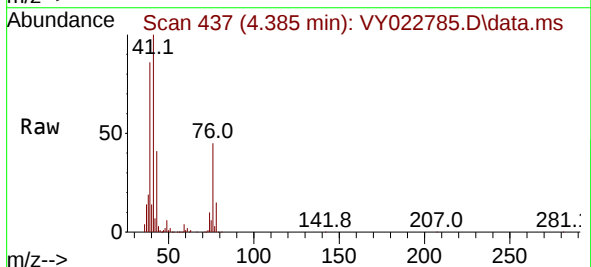
Manual Integrations
APPROVED

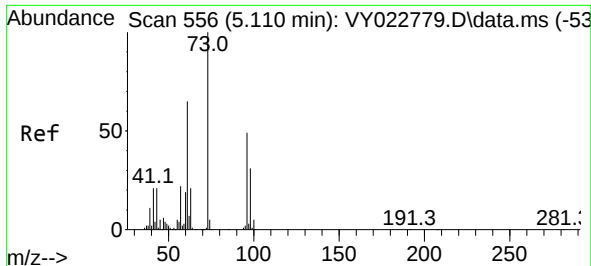
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#18
Methyl Acetate
Concen: 42.343 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

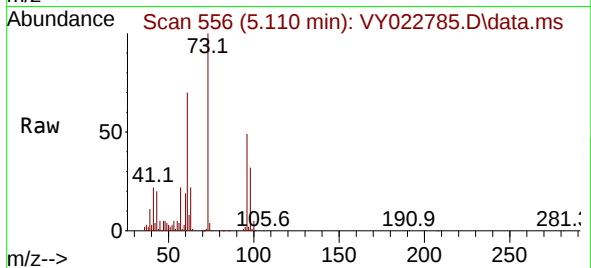
Tgt Ion: 43 Resp: 142156
Ion Ratio Lower Upper
43 100
74 25.4 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 48.885 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

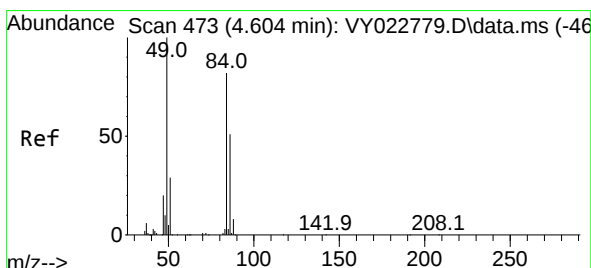
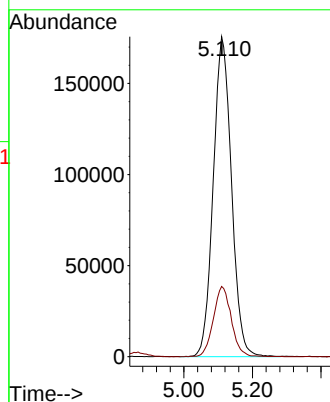
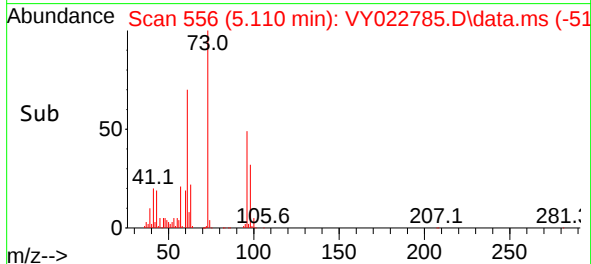
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



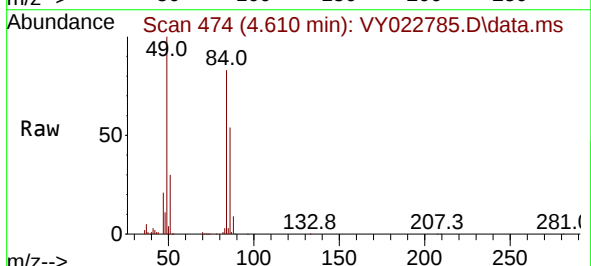
Tgt Ion: 73 Resp: 64748
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0

Manual Integrations
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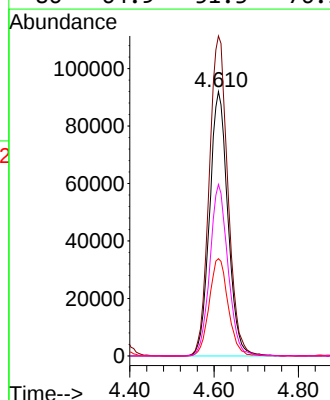
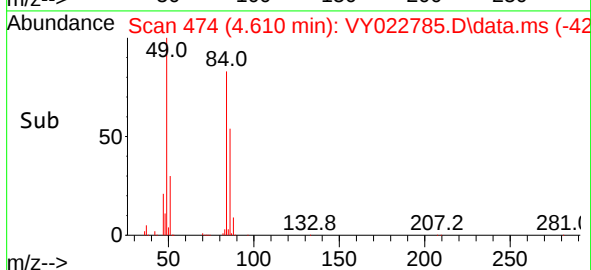
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

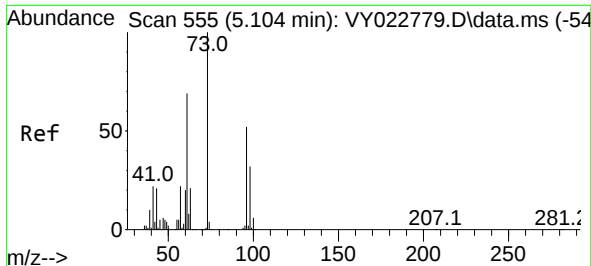


#20
Methylene Chloride
Concen: 43.322 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20



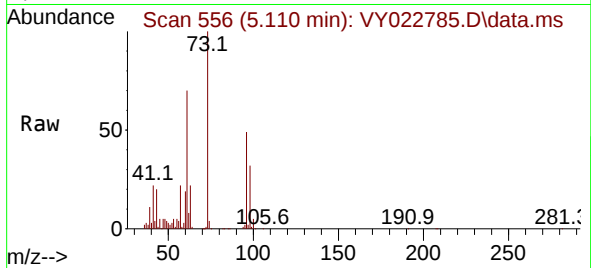
Tgt Ion: 84 Resp: 277358
Ion Ratio Lower Upper
84 100
49 121.1 101.9 152.9
51 36.8 29.8 44.8
86 64.9 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 48.317 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.012 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

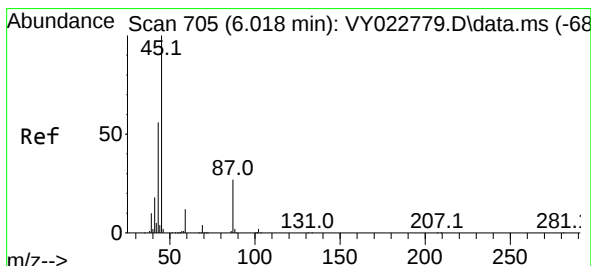
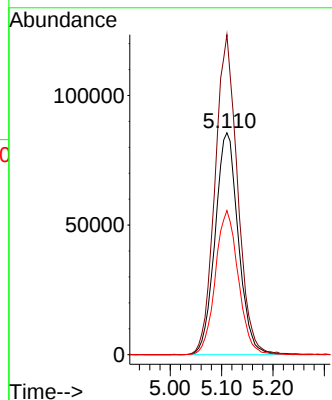
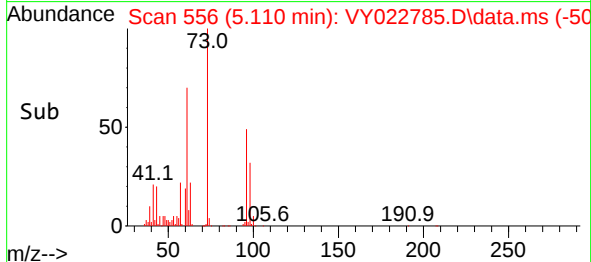
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



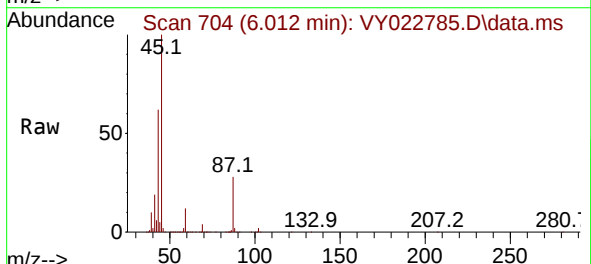
Tgt Ion: 96 Resp: 268610
Ion Ratio Lower Upper
96 100
61 144.2 112.6 169.0
98 65.0 50.6 75.8

Manual Integrations
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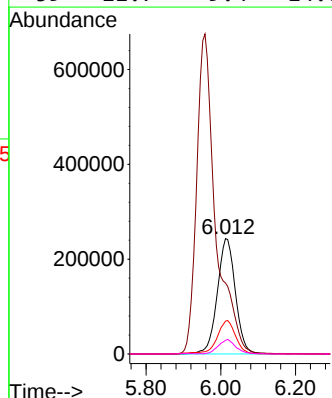
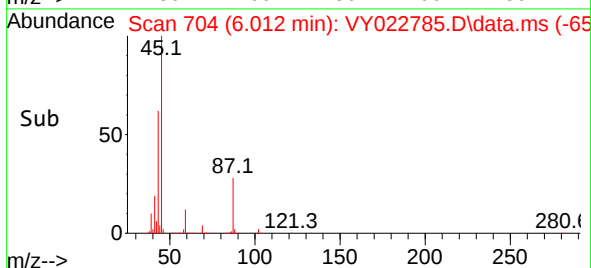
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

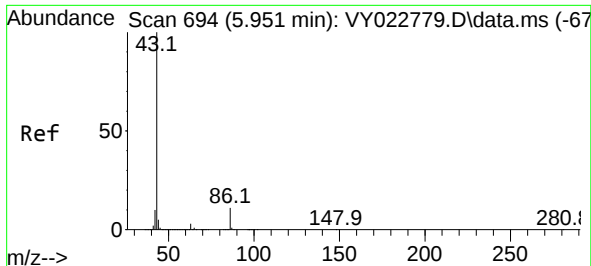


#22
Diisopropyl ether
Concen: 49.296 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20



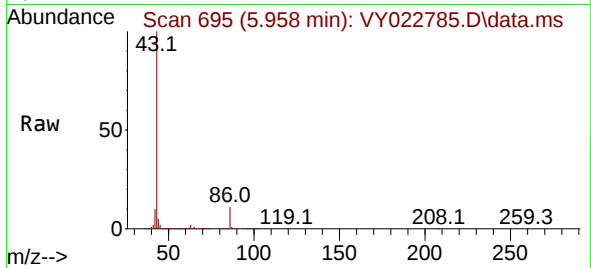
Tgt Ion: 45 Resp: 819092
Ion Ratio Lower Upper
45 100
43 61.2 48.3 72.5
87 28.4 23.0 34.6
59 11.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 259.134 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY022785.D
 Acq: 24 Jun 2025 09:20

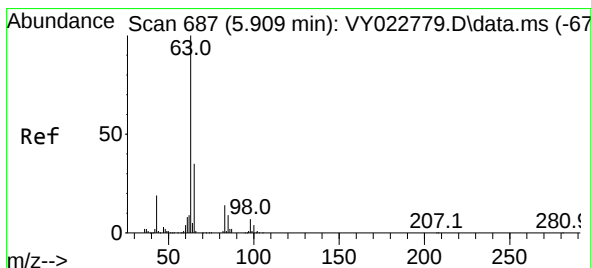
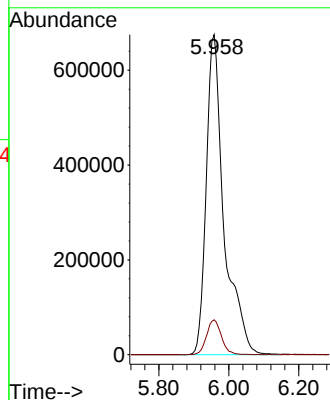
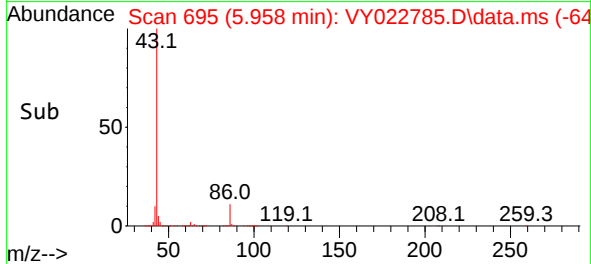
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



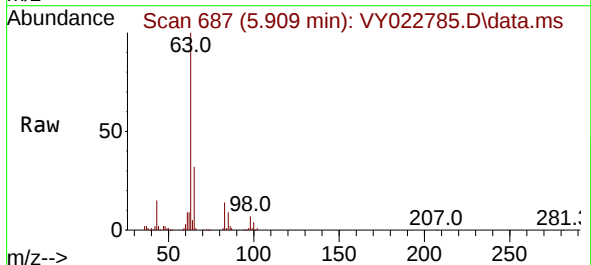
Tgt Ion: 43 Resp: 237798
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 12.8

Manual Integrations
 APPROVED

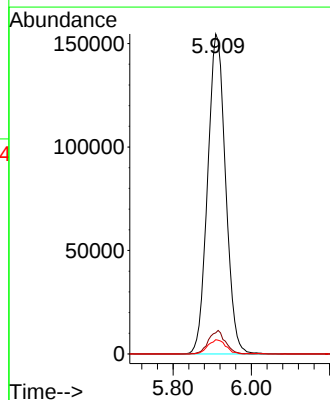
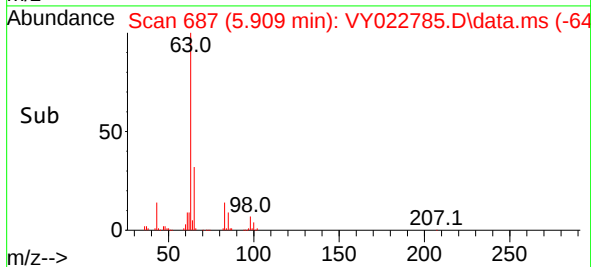
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

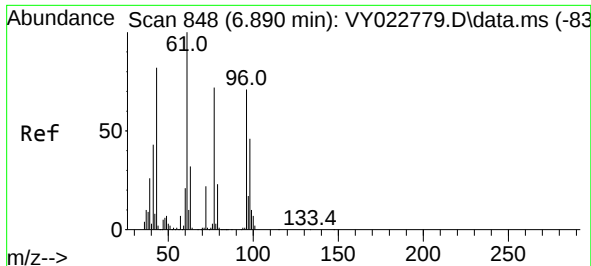


#24
 1,1-Dichloroethane
 Concen: 48.913 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY022785.D
 Acq: 24 Jun 2025 09:20



Tgt Ion: 63 Resp: 490905
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 4.5 2.1 6.3





#25

2-Butanone

Concen: 259.477 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 38284

Ion Ratio Lower Upper

43 100

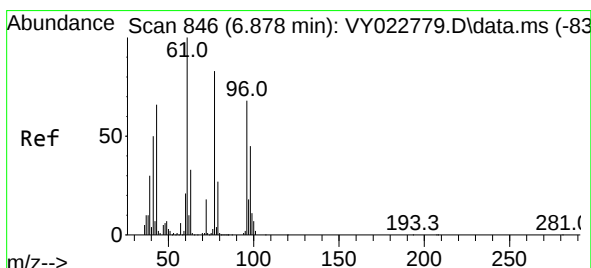
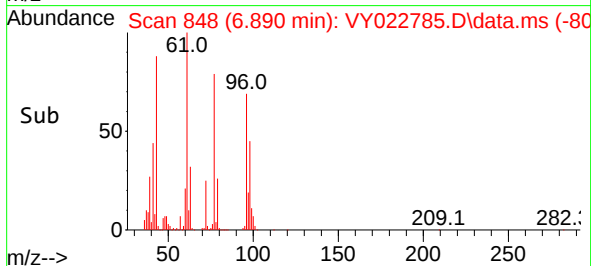
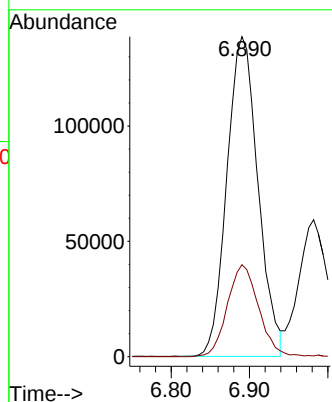
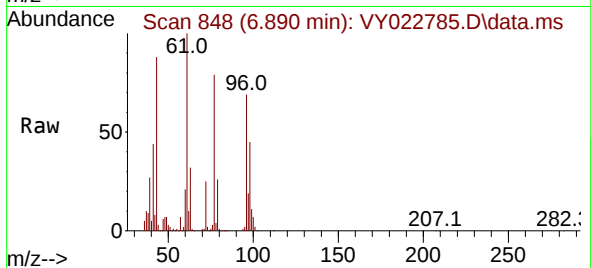
72 28.8 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#26

2,2-Dichloropropane

Concen: 51.399 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY022785.D

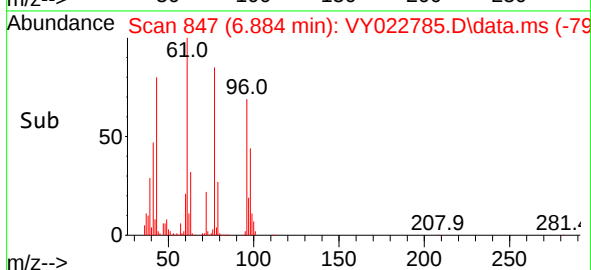
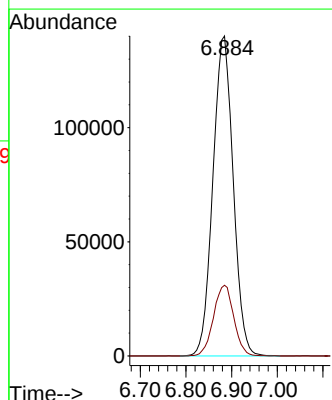
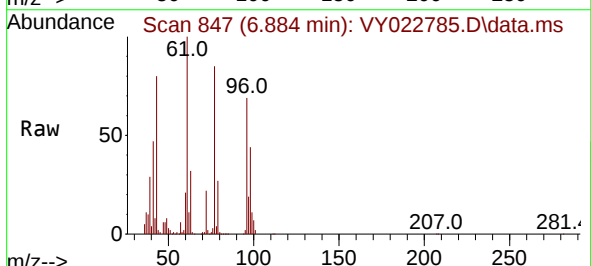
Acq: 24 Jun 2025 09:20

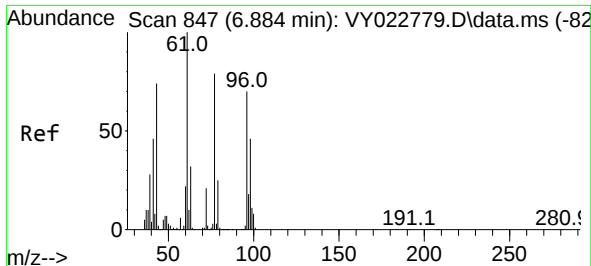
Tgt Ion: 77 Resp: 432416

Ion Ratio Lower Upper

77 100

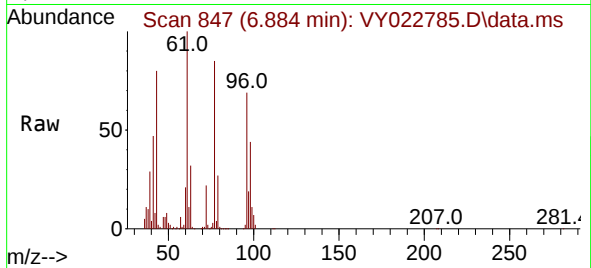
97 22.1 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 48.520 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

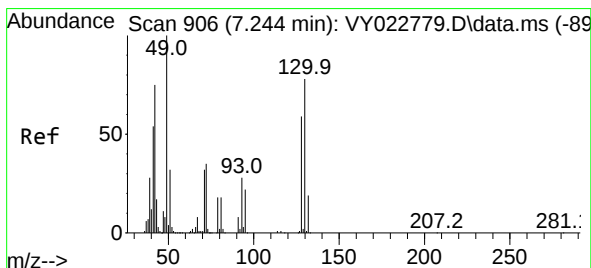
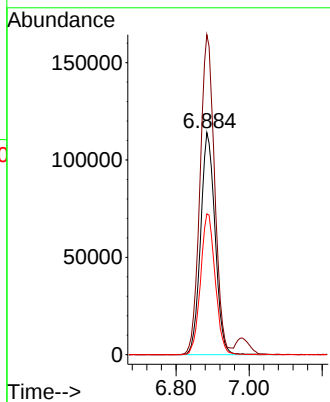
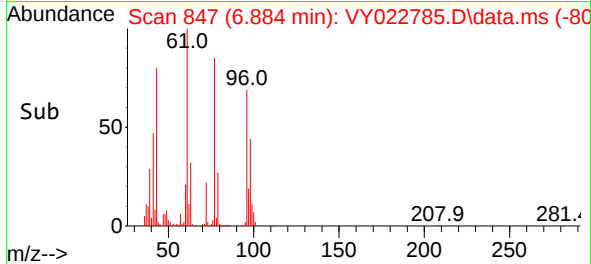
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



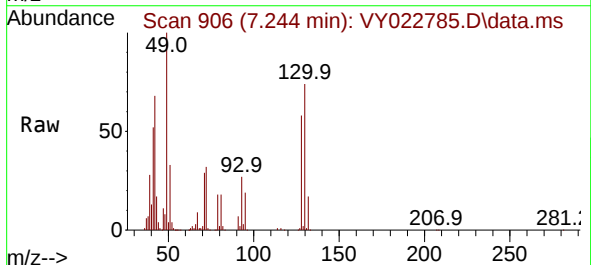
Tgt Ion: 96 Resp: 31343
Ion Ratio Lower Upper
96 100
61 145.6 0.0 290.0
98 64.3 0.0 128.4

Manual Integrations
APPROVED

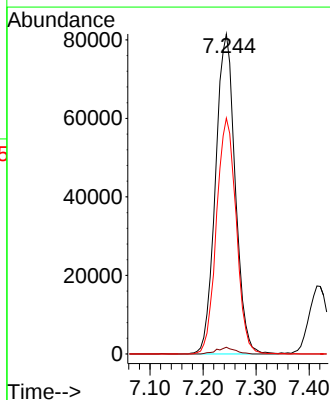
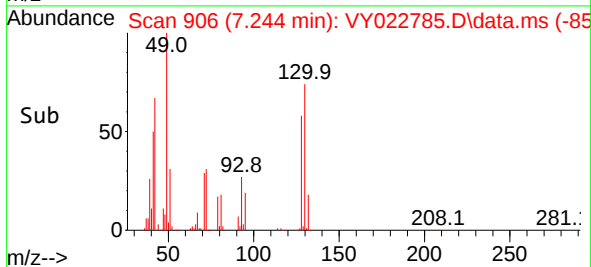
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

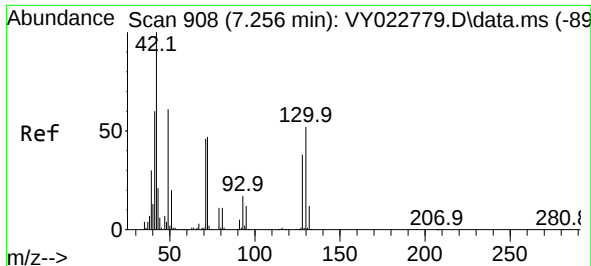


#28
Bromochloromethane
Concen: 49.841 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20



Tgt Ion: 49 Resp: 210301
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.6
130 73.7 55.7 83.5





#29

Tetrahydrofuran

Concen: 247.100 ug/l

RT: 7.262 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

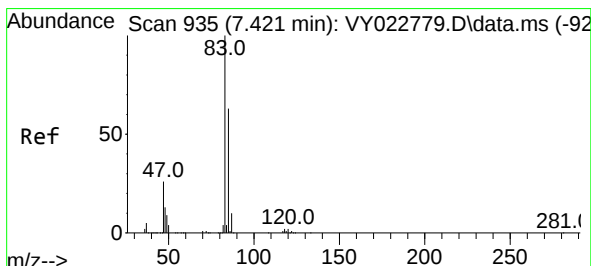
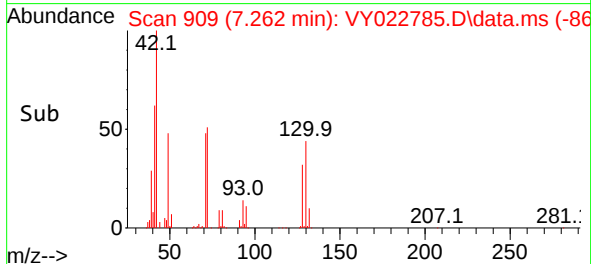
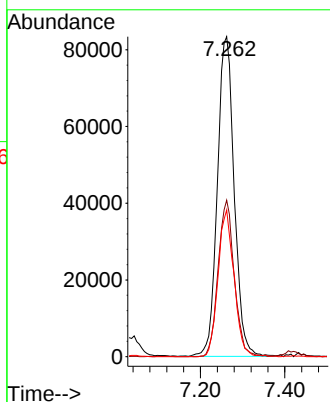
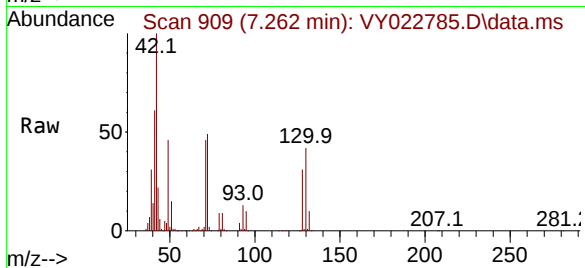
Tgt Ion: 42 Resp: 23021

Ion	Ratio	Lower	Upper
42	100		
72	46.9	37.4	56.2
71	43.4	34.2	51.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#30

Chloroform

Concen: 48.595 ug/l

RT: 7.421 min Scan# 935

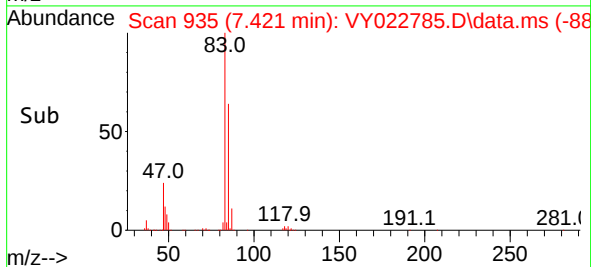
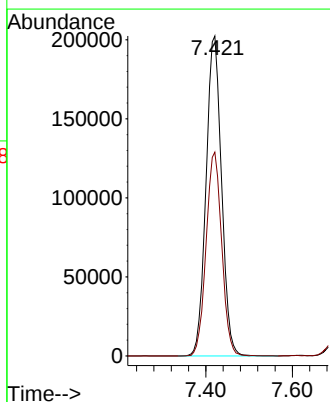
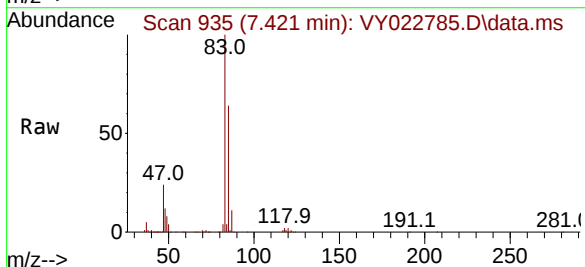
Delta R.T. -0.006 min

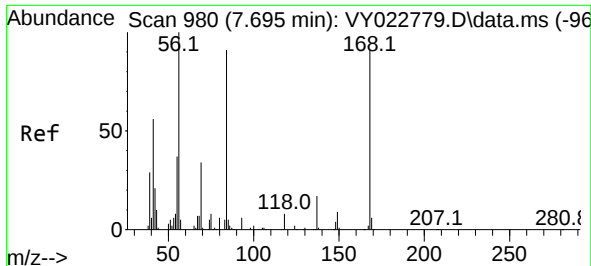
Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Tgt Ion: 83 Resp: 502331

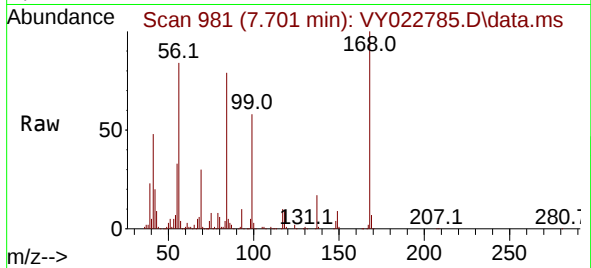
Ion	Ratio	Lower	Upper
83	100		
85	63.7	54.2	81.4





#31
Cyclohexane
Concen: 46.906 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

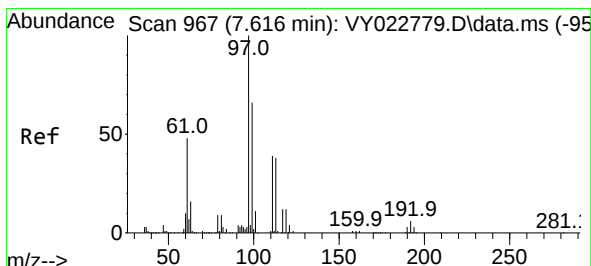
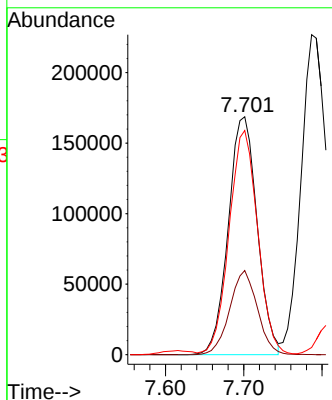
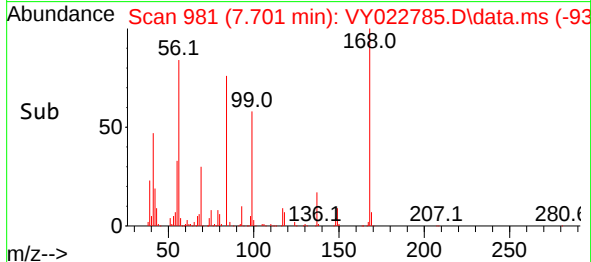
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



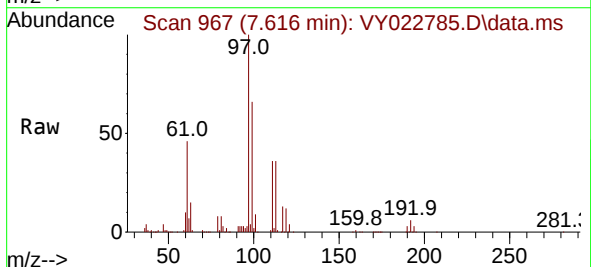
Tgt Ion: 56 Resp: 432130
Ion Ratio Lower Upper
56 100
69 35.4 27.0 40.6
84 92.5 72.6 109.0

Manual Integrations
APPROVED

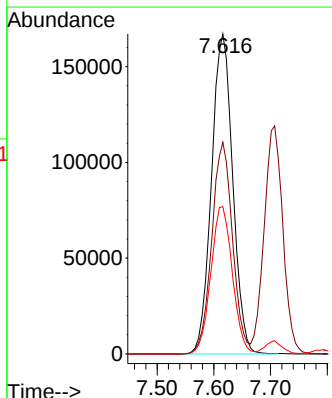
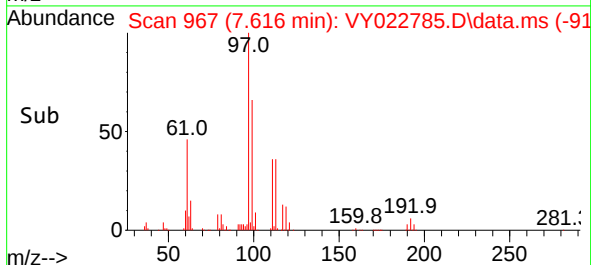
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

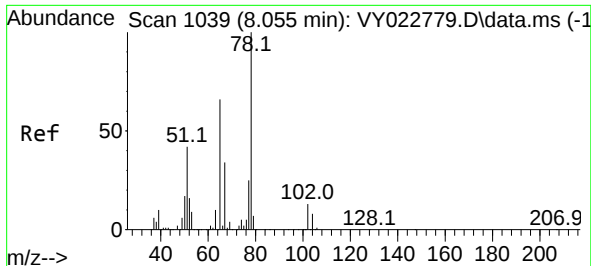


#32
1,1,1-Trichloroethane
Concen: 48.620 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20



Tgt Ion: 97 Resp: 434321
Ion Ratio Lower Upper
97 100
99 64.9 50.9 76.3
61 46.7 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 48.714 ug/l

RT: 8.061 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 261283

Ion Ratio Lower Upper

65 100

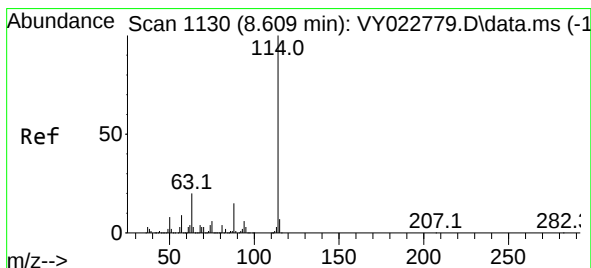
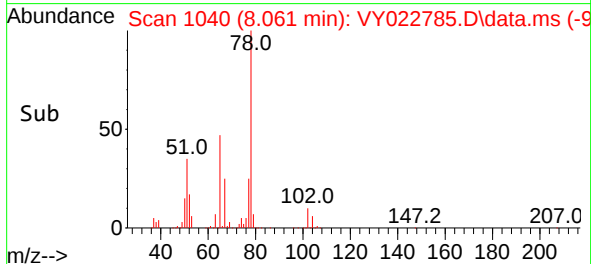
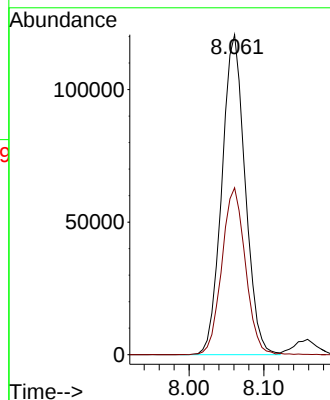
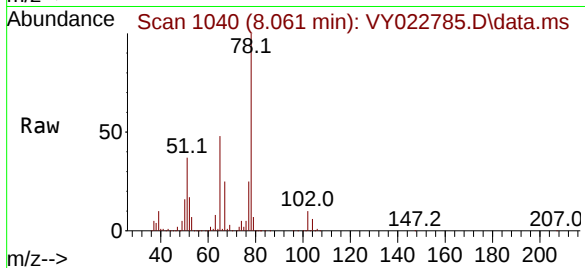
67 52.9 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

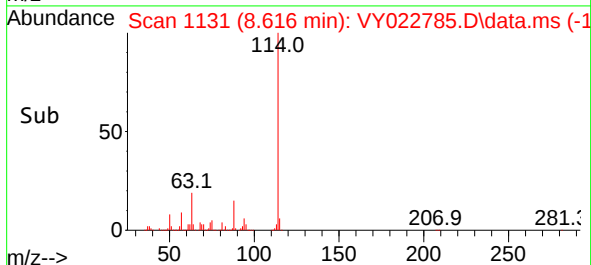
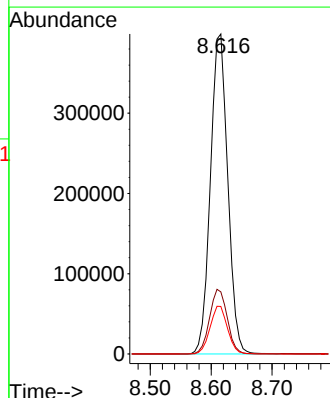
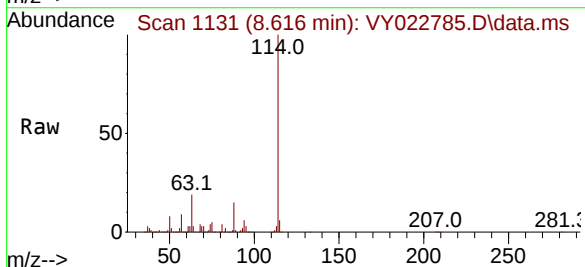
Tgt Ion:114 Resp: 788269

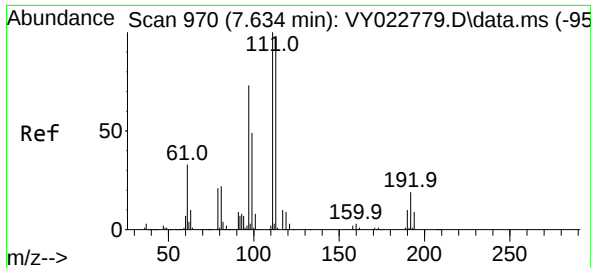
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

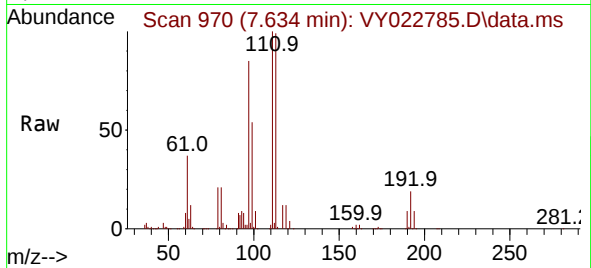
88 14.8 0.0 27.8





#35
Dibromofluoromethane
Concen: 50.943 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

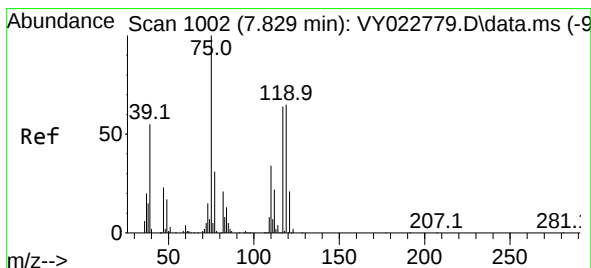
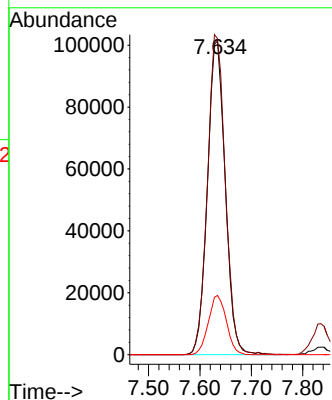
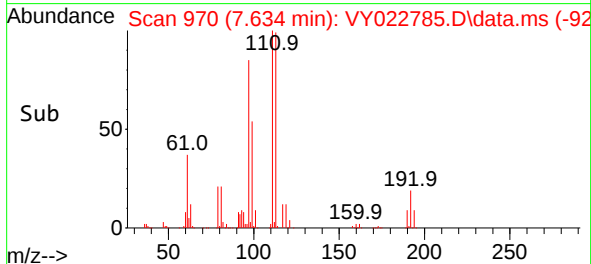
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



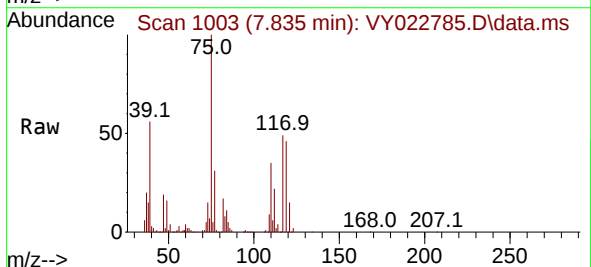
Tgt Ion:113 Resp: 244214
Ion Ratio Lower Upper
113 100
111 102.4 81.1 121.7
192 19.1 14.2 21.2

Manual Integrations
APPROVED

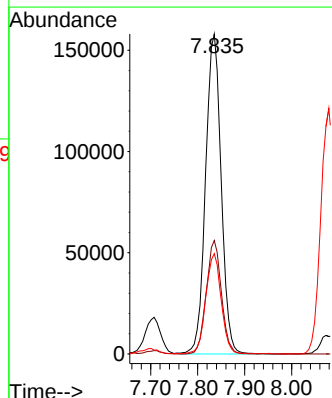
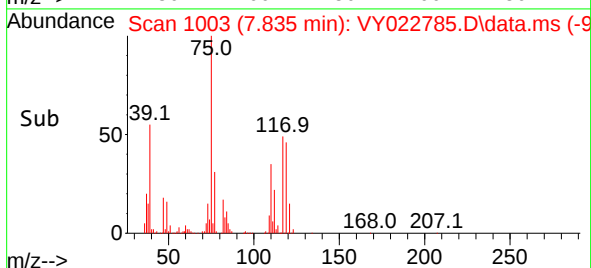
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

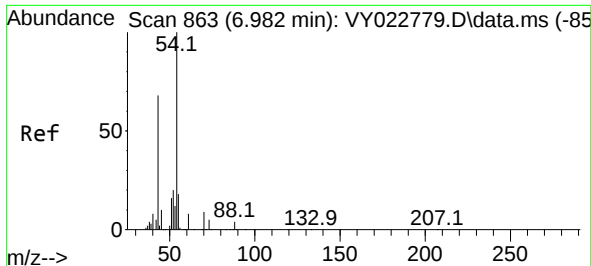


#36
1,1-Dichloropropene
Concen: 50.094 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20



Tgt Ion: 75 Resp: 364003
Ion Ratio Lower Upper
75 100
110 34.4 16.9 50.7
77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 51.379 ug/l

RT: 6.982 min Scan# 863

Delta R.T. -0.012 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 16110

Ion Ratio Lower Upper

43 100

61 13.0 11.5 17.3

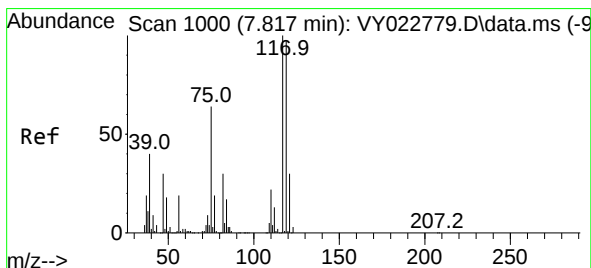
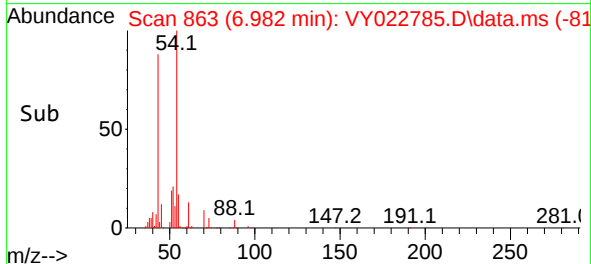
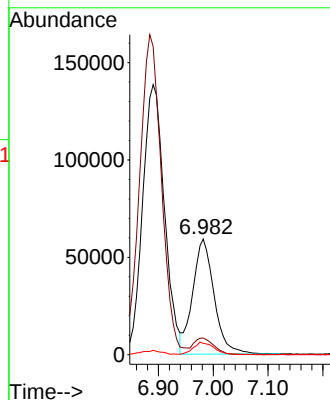
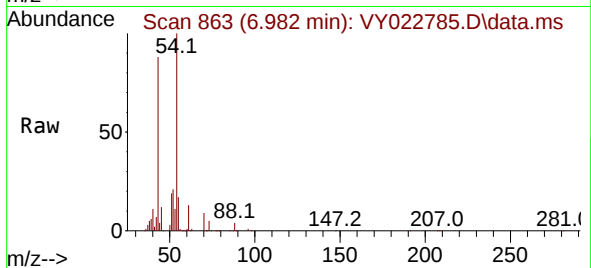
70 10.5 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#38

Carbon Tetrachloride

Concen: 49.762 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

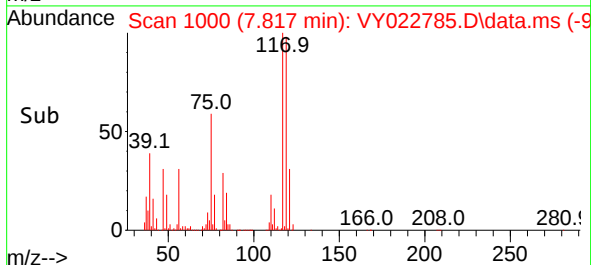
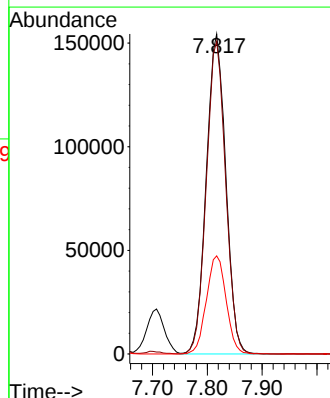
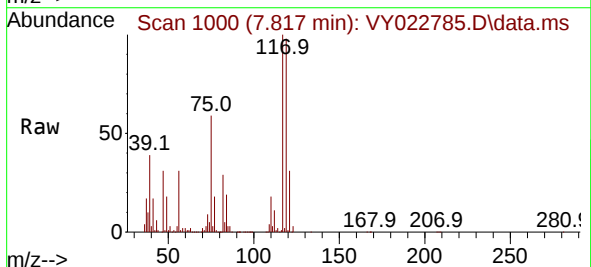
Tgt Ion:117 Resp: 381526

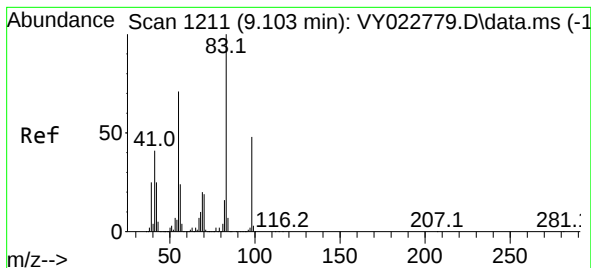
Ion Ratio Lower Upper

117 100

119 97.7 75.0 112.6

121 30.7 25.0 37.4





#39

Methylcyclohexane

Concen: 50.457 ug/l

RT: 9.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 47446

Ion Ratio Lower Upper

83 100

55 71.3 58.1 87.1

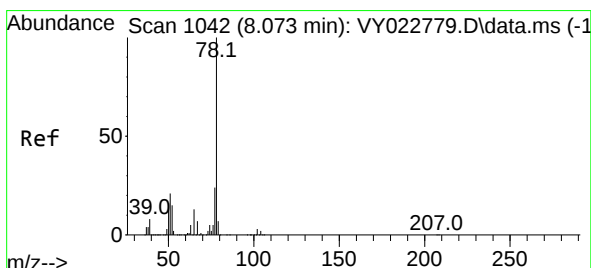
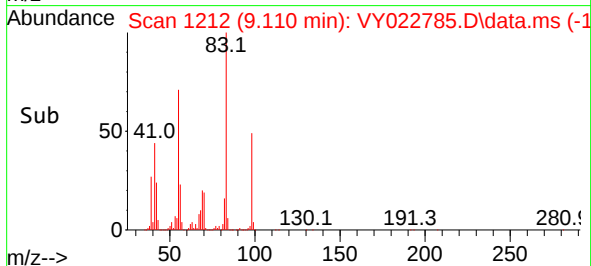
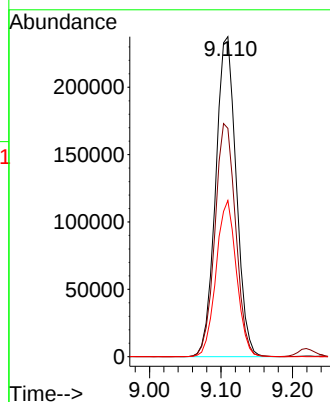
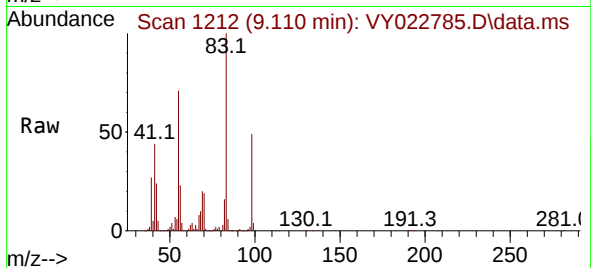
98 48.8 39.0 58.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#40

Benzene

Concen: 49.742 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022785.D

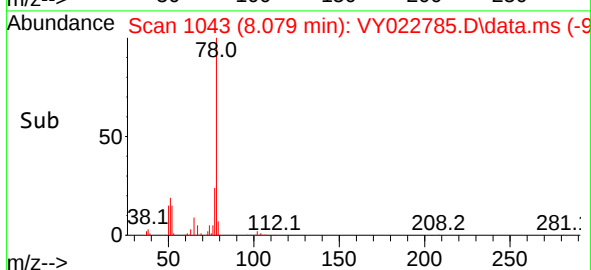
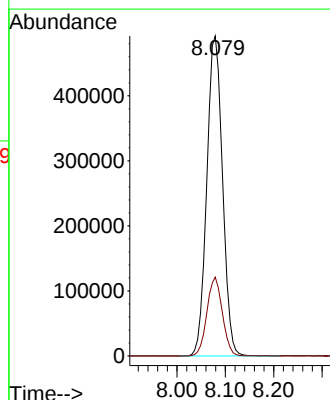
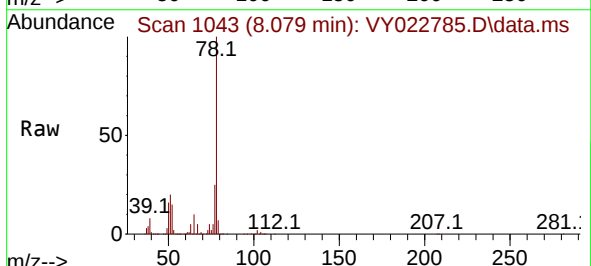
Acq: 24 Jun 2025 09:20

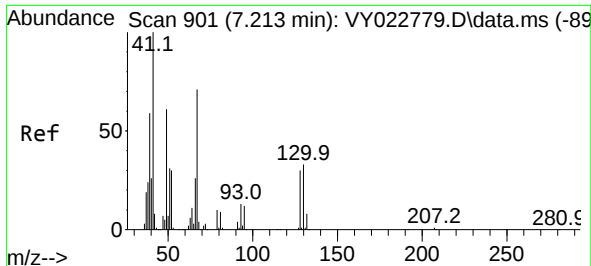
Tgt Ion: 78 Resp: 1111272

Ion Ratio Lower Upper

78 100

77 24.7 19.3 28.9





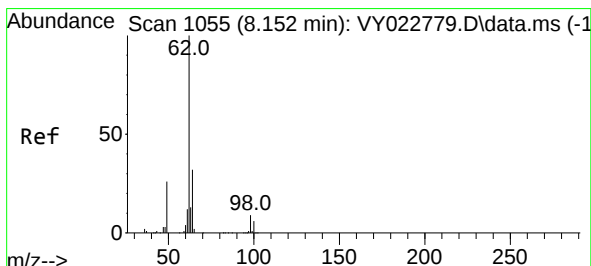
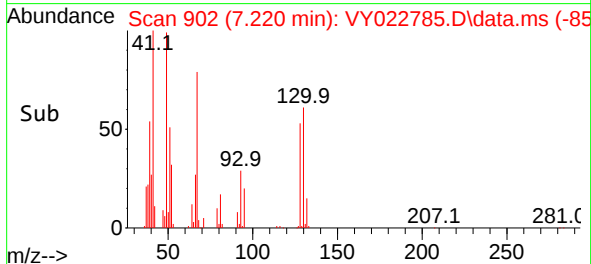
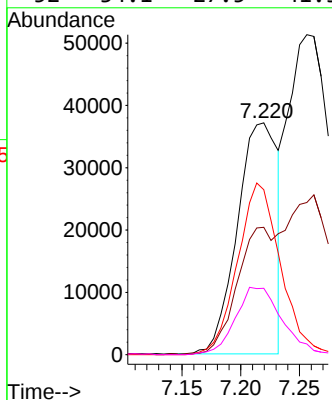
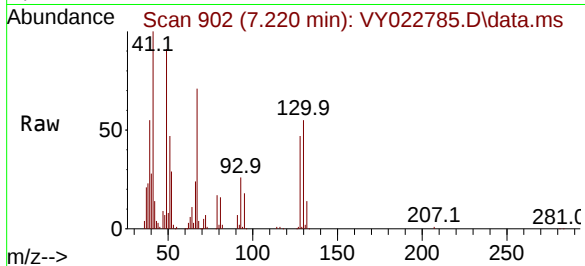
#41
Methacrylonitrile
Concen: 45.834 ug/l
RT: 7.220 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 88474
Ion Ratio Lower Upper
41 100
39 47.6 46.6 69.8
67 79.8 63.3 94.9
52 34.1 27.5 41.3

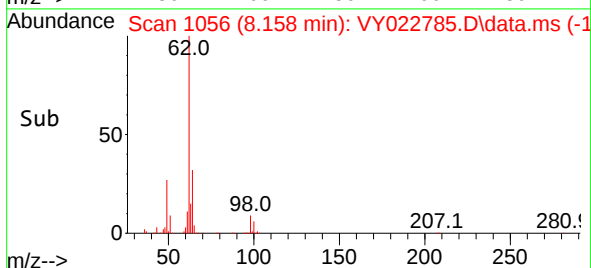
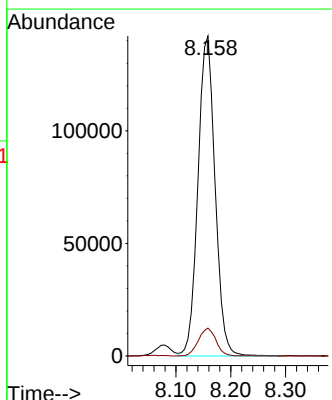
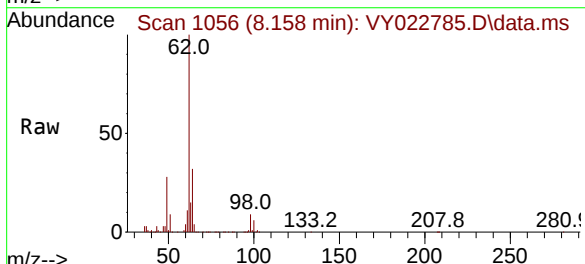
Manual Integrations
APPROVED

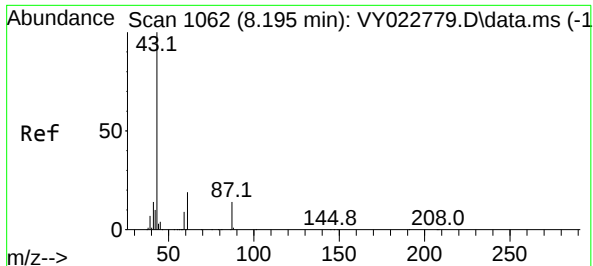
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#42
1,2-Dichloroethane
Concen: 50.394 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

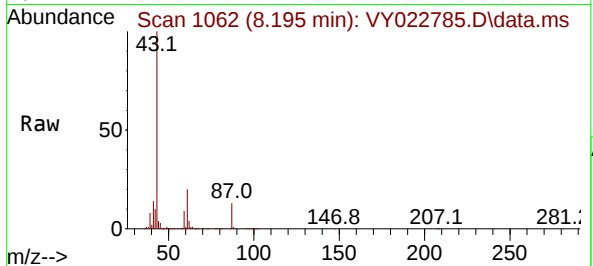
Tgt Ion: 62 Resp: 308508
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.2





#43
Isopropyl Acetate
Concen: 50.329 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

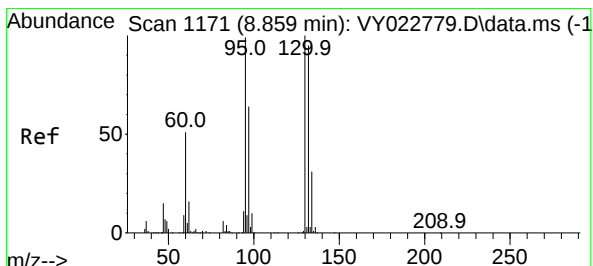
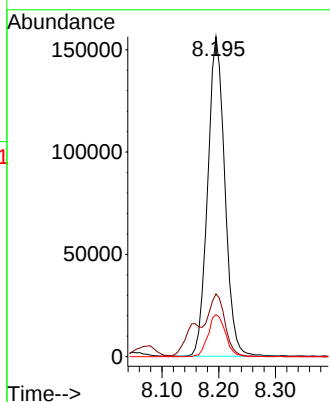
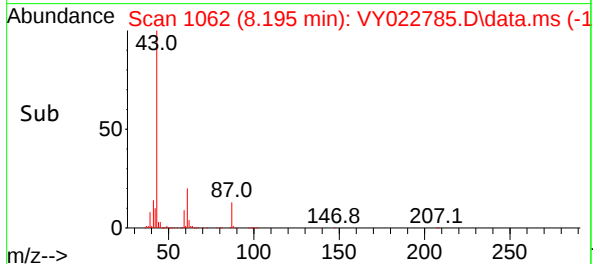
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 327988
Ion Ratio Lower Upper
43 100
61 19.5 15.6 23.4
87 13.4 10.2 15.4

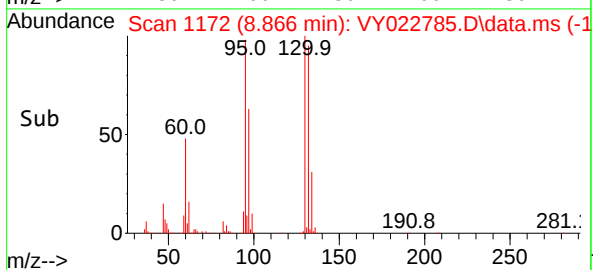
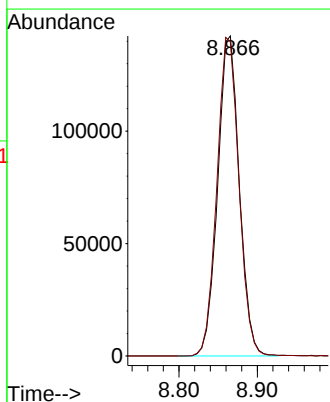
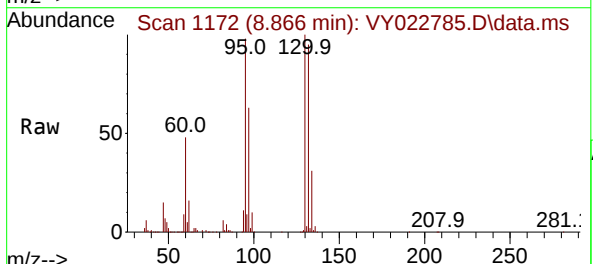
Manual Integrations
APPROVED

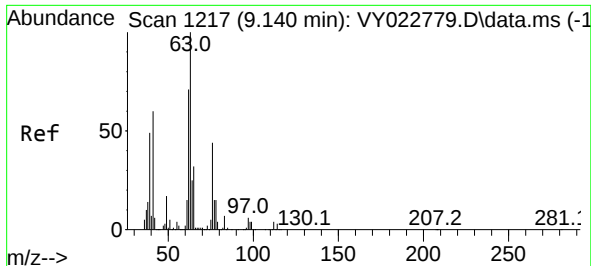
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#44
Trichloroethene
Concen: 48.740 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion:130 Resp: 273386
Ion Ratio Lower Upper
130 100
95 98.2 0.0 203.0





#45

1,2-Dichloropropane

Concen: 49.962 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 26123

Ion Ratio Lower Upper

63 100

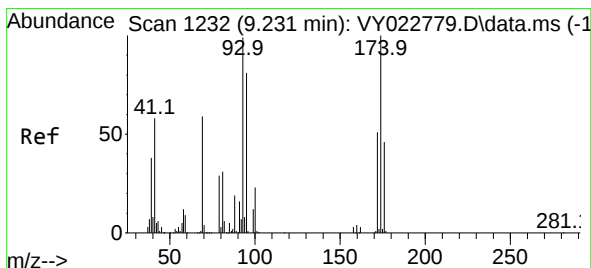
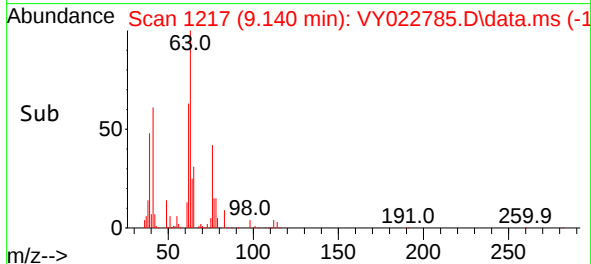
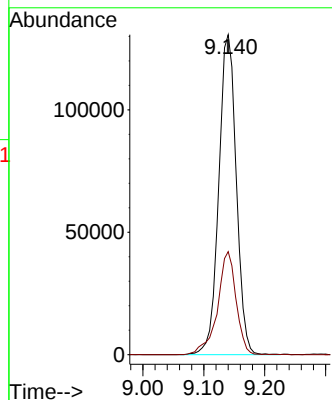
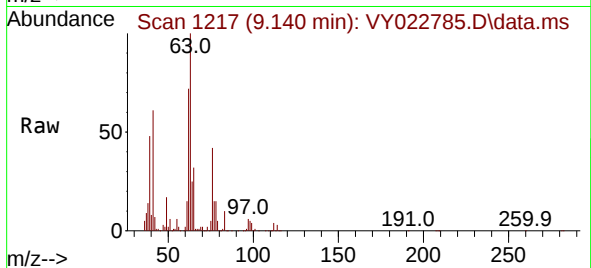
65 32.1 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#46

Dibromomethane

Concen: 48.835 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

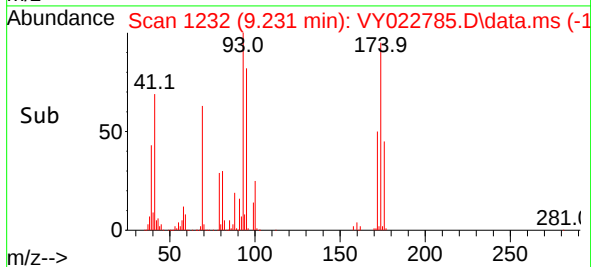
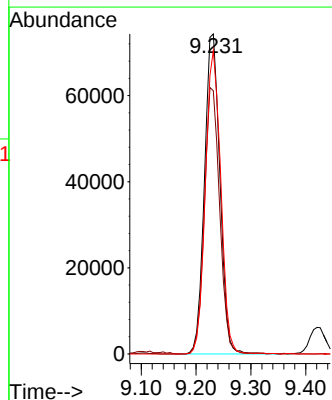
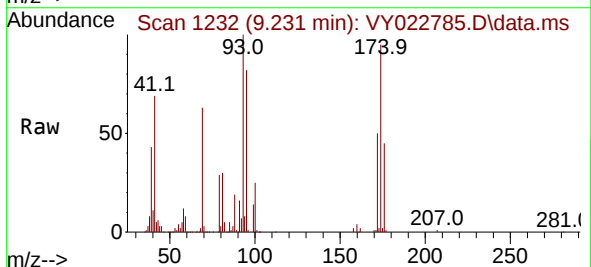
Tgt Ion: 93 Resp: 144951

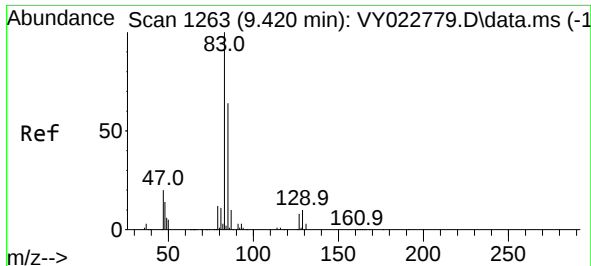
Ion Ratio Lower Upper

93 100

95 82.5 65.6 98.4

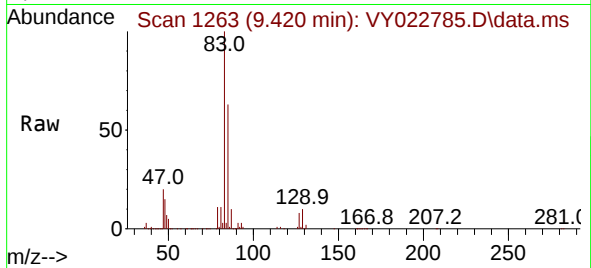
174 94.2 70.4 105.6





#47
Bromodichloromethane
Concen: 49.881 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

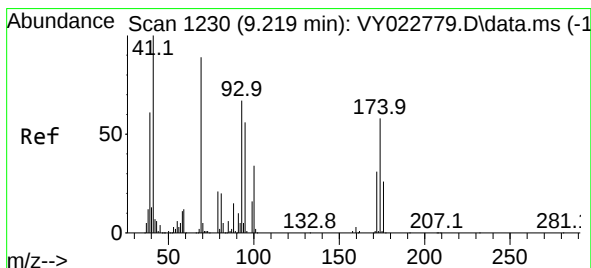
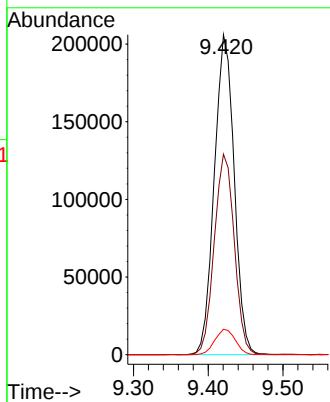
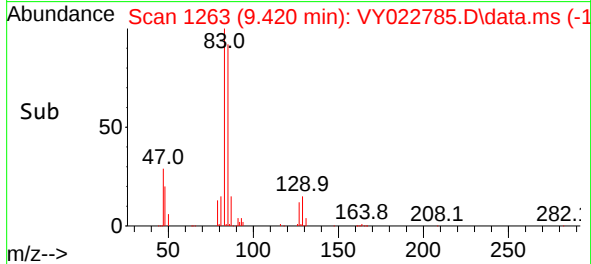
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 381780
Ion Ratio Lower Upper
83 100
85 62.6 49.1 73.7
127 8.0 6.2 9.4

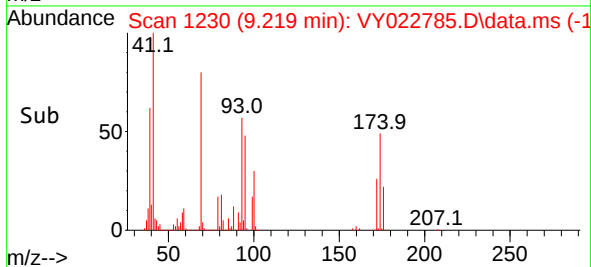
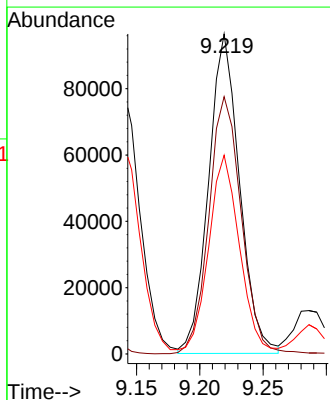
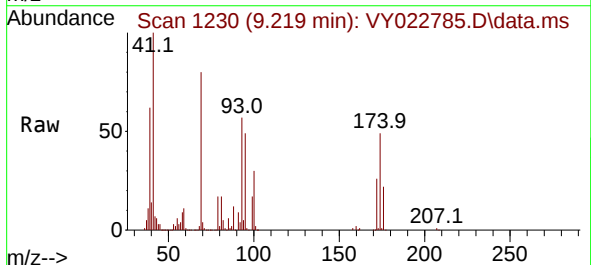
Manual Integrations
APPROVED

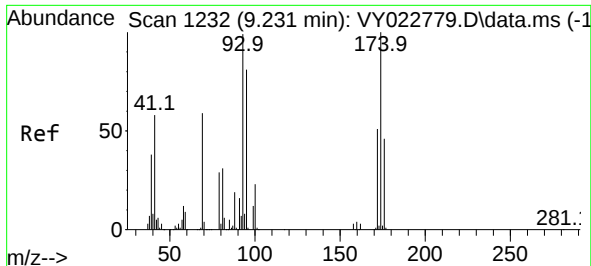
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#48
Methyl methacrylate
Concen: 52.423 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion: 41 Resp: 164236
Ion Ratio Lower Upper
41 100
69 84.5 67.8 101.8
39 59.5 55.0 82.4





#49

1,4-Dioxane

Concen: 957.200 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.012 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

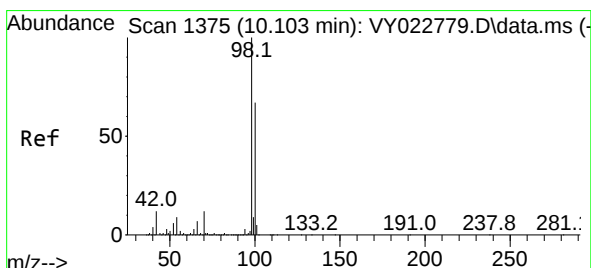
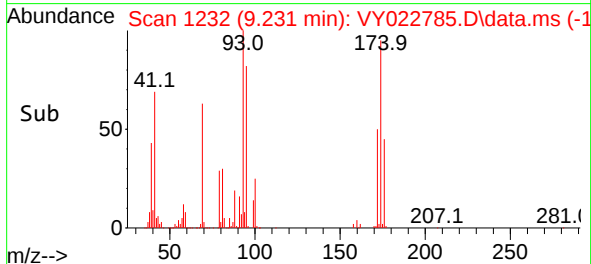
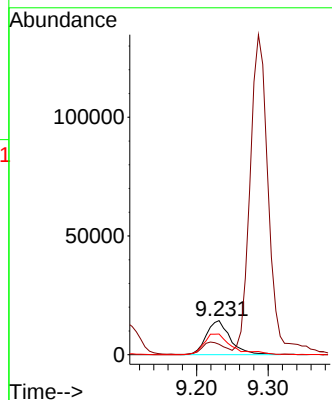
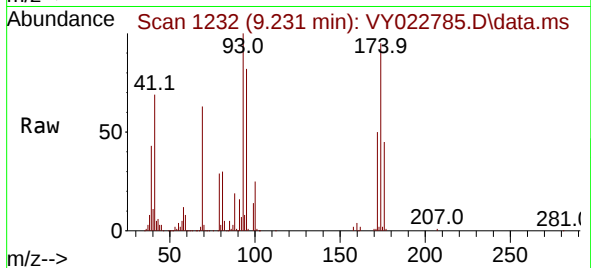
VSTDCCC050

Tgt Ion: 88	Resp: 3356
Ion Ratio	Lower Upper
88 100	
43 33.6	25.4 38.2
58 69.8	54.9 82.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#50

Toluene-d8

Concen: 50.800 ug/l

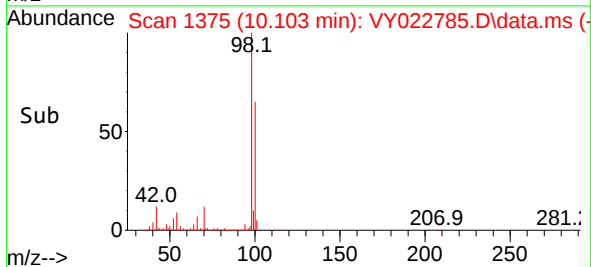
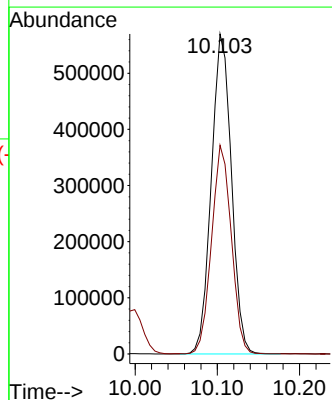
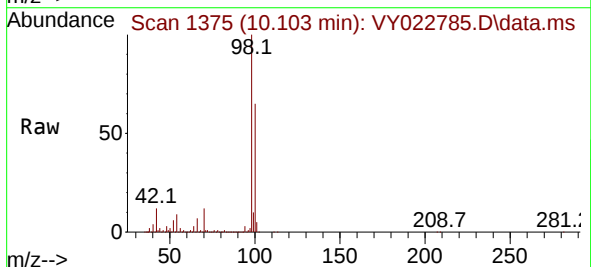
RT: 10.103 min Scan# 1375

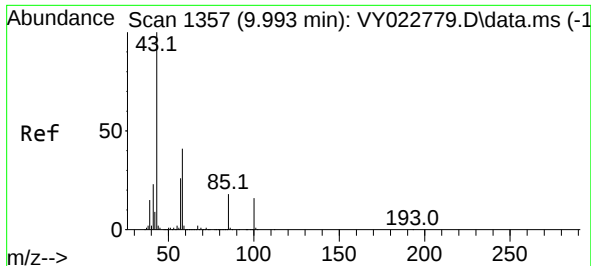
Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

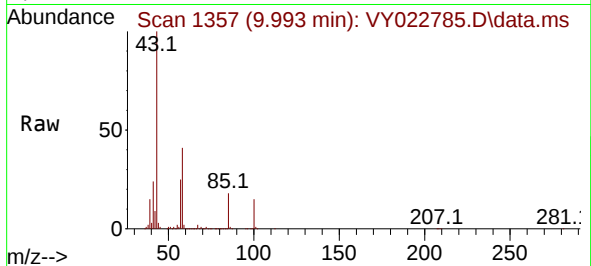
Tgt Ion: 98	Resp: 966354
Ion Ratio	Lower Upper
98 100	
100 64.3	51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 255.091 ug/l
RT: 9.993 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

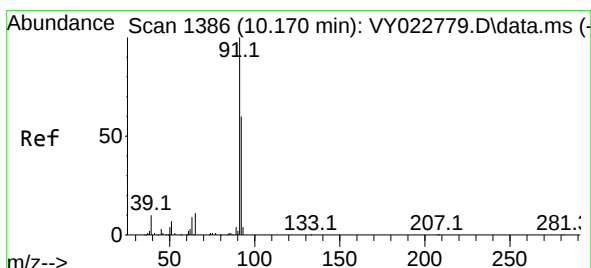
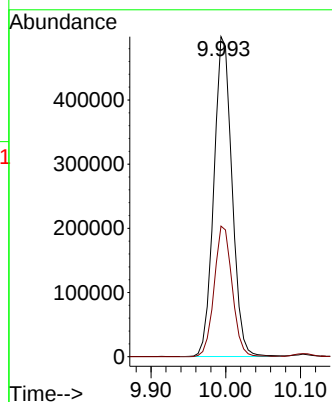
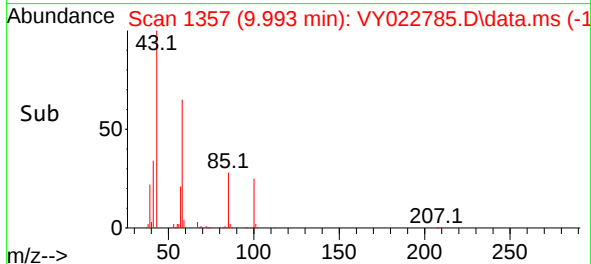
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 844784
Ion Ratio Lower Upper
43 100
58 40.4 30.4 45.6

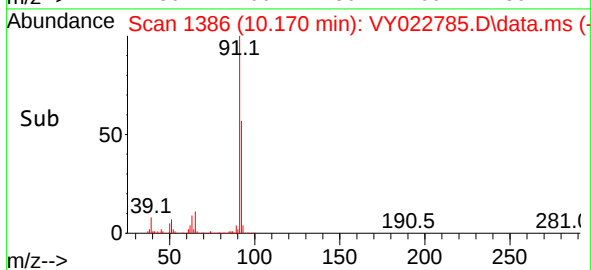
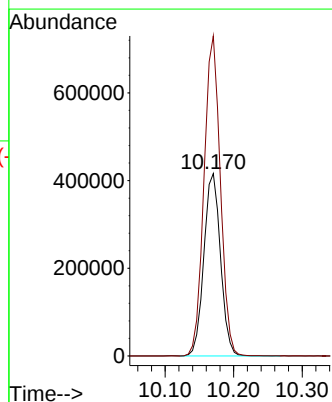
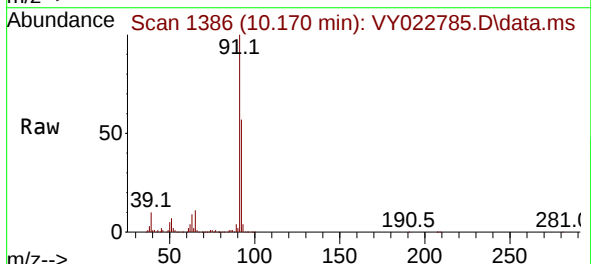
Manual Integrations
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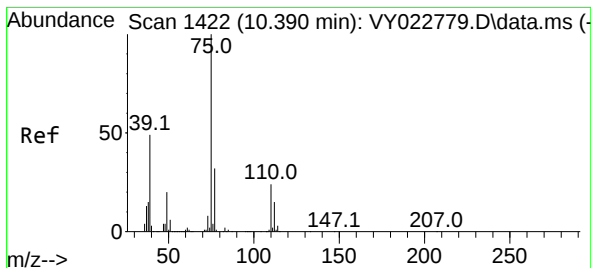
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#52
Toluene
Concen: 49.718 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

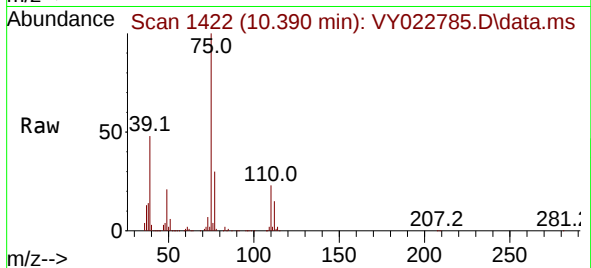
Tgt Ion: 92 Resp: 700747
Ion Ratio Lower Upper
92 100
91 173.2 139.0 208.4





#53
t-1,3-Dichloropropene
Concen: 50.447 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

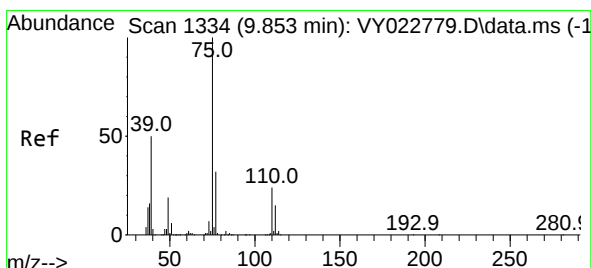
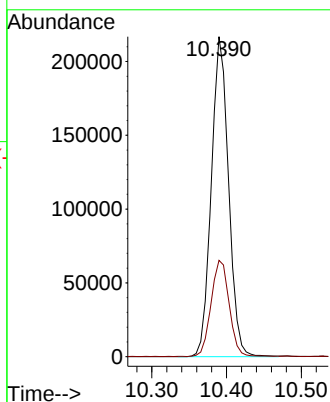
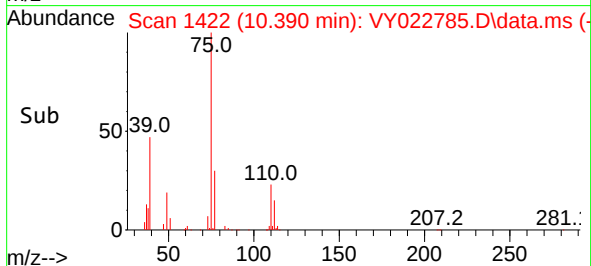
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



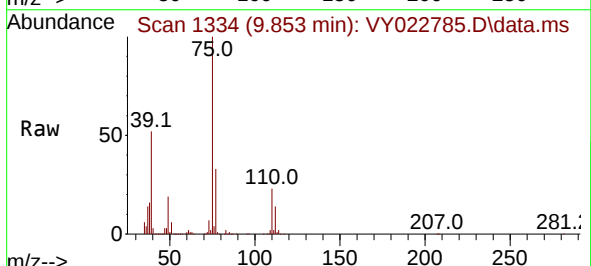
Tgt Ion: 75 Resp: 34740
Ion Ratio Lower Upper
75 100
77 30.0 26.5 39.7

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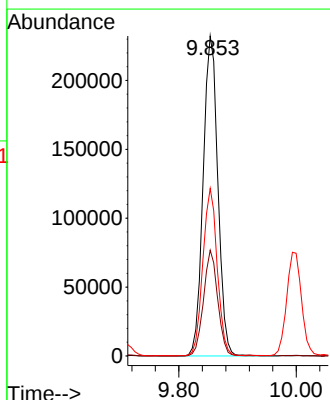
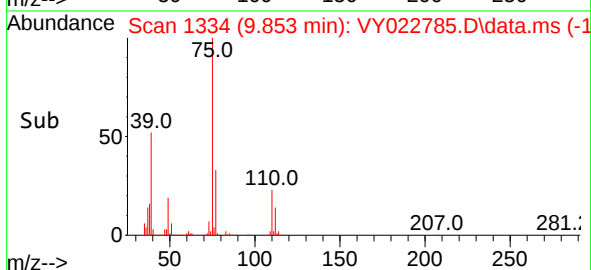
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

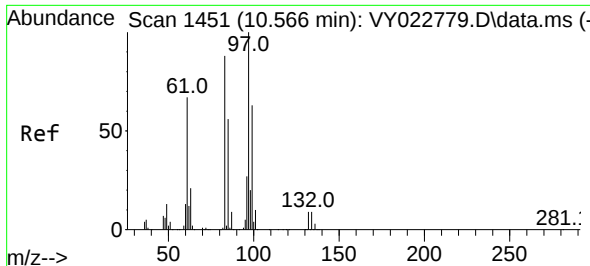


#54
cis-1,3-Dichloropropene
Concen: 50.555 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20



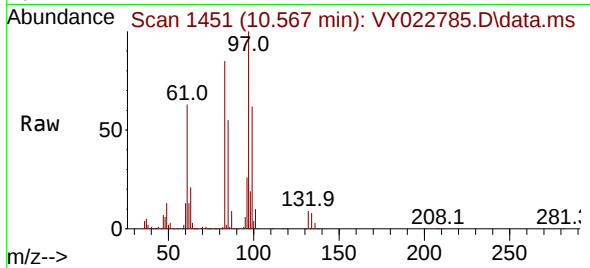
Tgt Ion: 75 Resp: 403676
Ion Ratio Lower Upper
75 100
77 33.0 25.3 37.9
39 52.3 42.7 64.1





#55
1,1,2-Trichloroethane
Concen: 50.208 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050

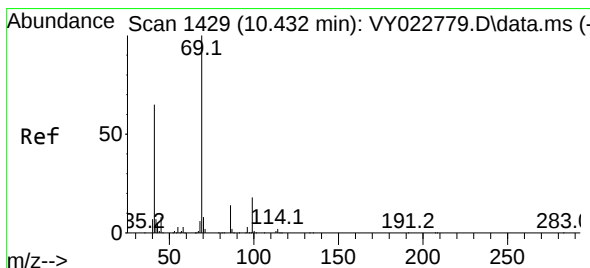
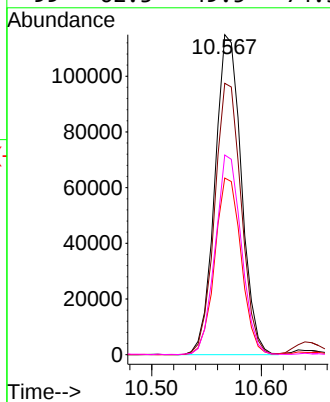
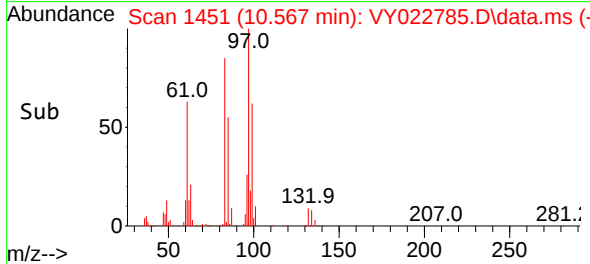


Tgt Ion: 97 Resp: 192974

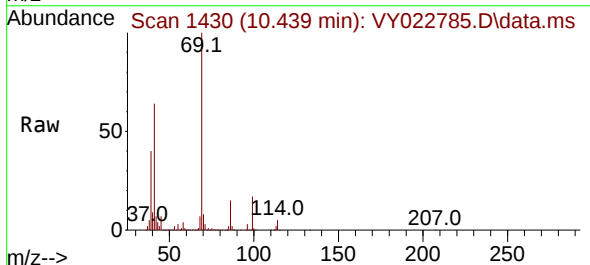
Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.1	102.1
85	55.1	48.2	72.2
99	62.3	49.5	74.3

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

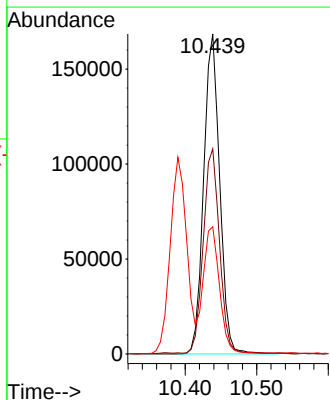
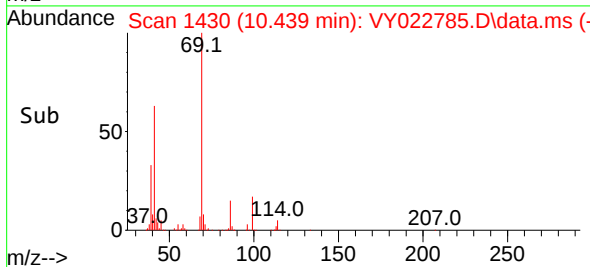


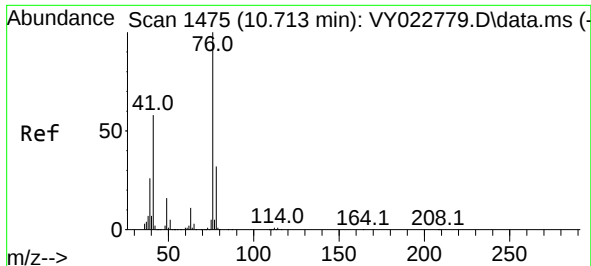
#56
Ethyl methacrylate
Concen: 50.683 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20



Tgt Ion: 69 Resp: 262082

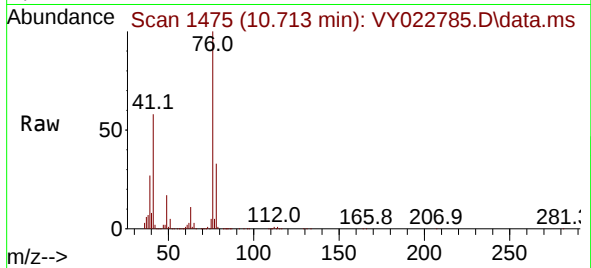
Ion	Ratio	Lower	Upper
69	100		
41	64.5	52.2	78.2
39	40.1	36.7	55.1





#57
1,3-Dichloropropane
Concen: 49.515 ug/l
RT: 10.713 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

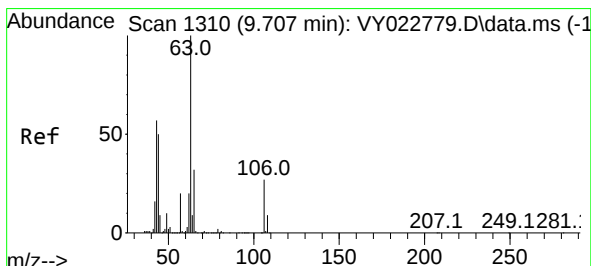
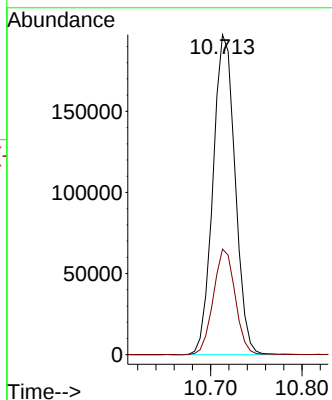
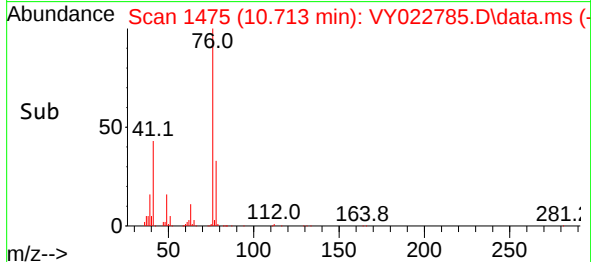
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



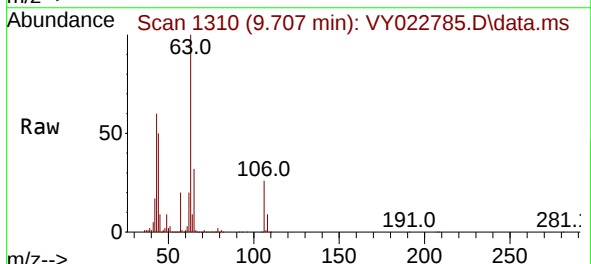
Tgt Ion: 76 Resp: 332030
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.8

Manual Integrations
APPROVED

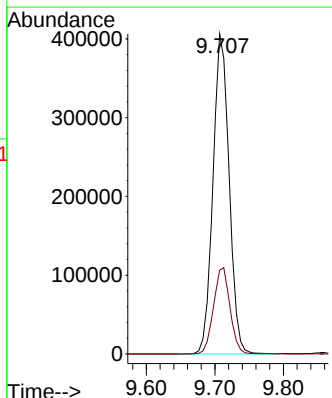
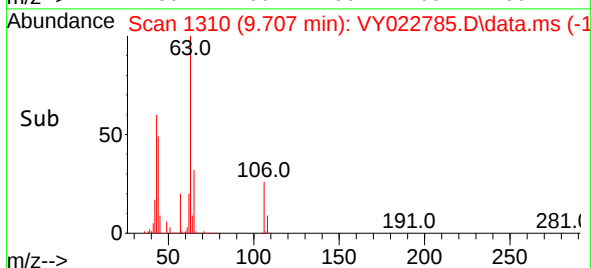
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

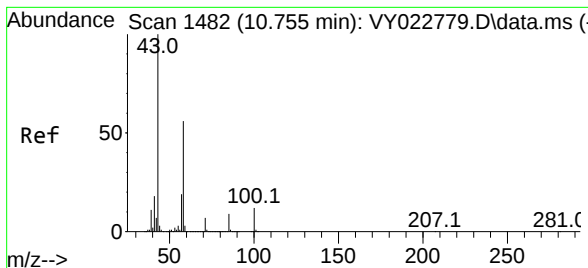


#58
2-Chloroethyl Vinyl ether
Concen: 245.063 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20



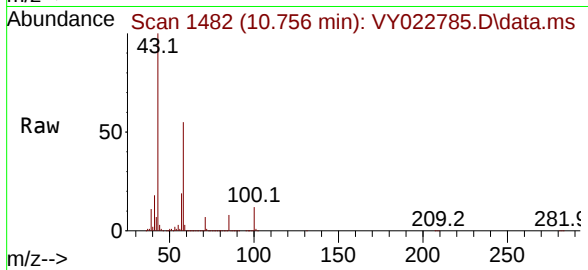
Tgt Ion: 63 Resp: 665133
Ion Ratio Lower Upper
63 100
106 27.4 21.6 32.4





#59
2-Hexanone
Concen: 262.373 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

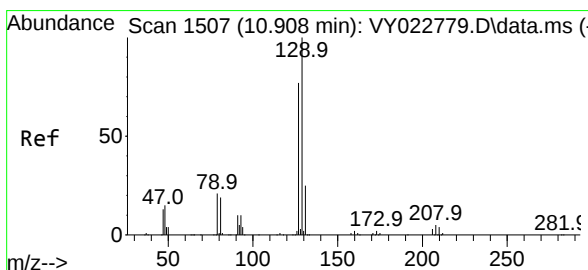
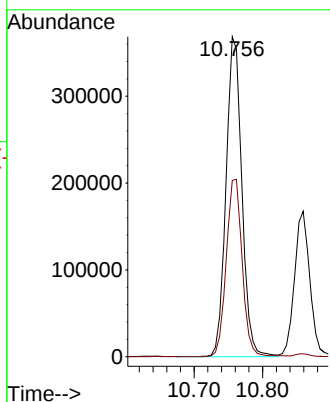
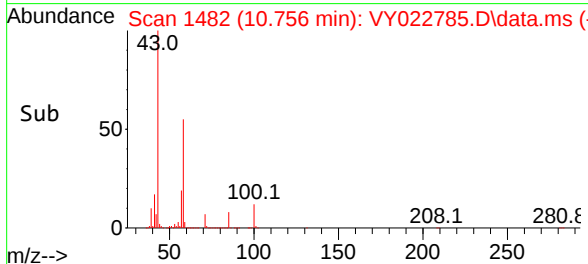
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 590744
Ion Ratio Lower Upper
43 100
58 56.0 27.3 81.8

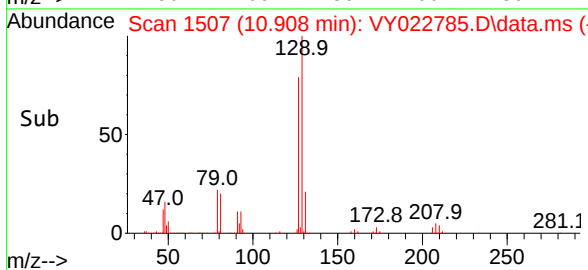
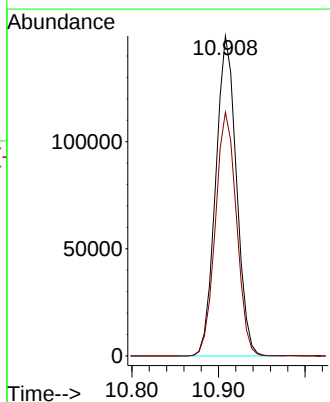
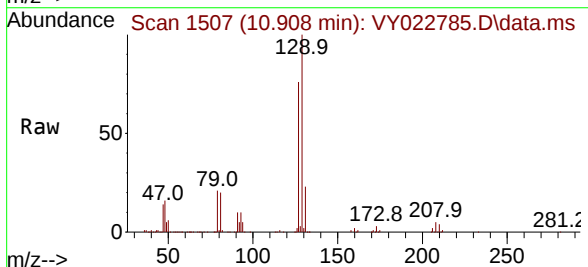
Manual Integrations
APPROVED

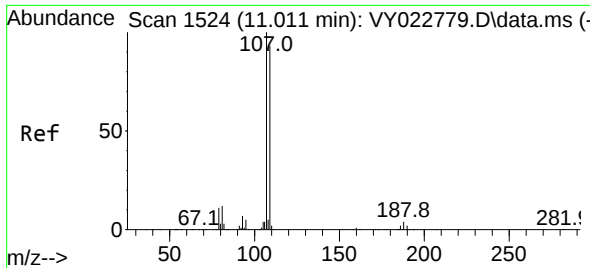
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#60
Dibromochloromethane
Concen: 50.019 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

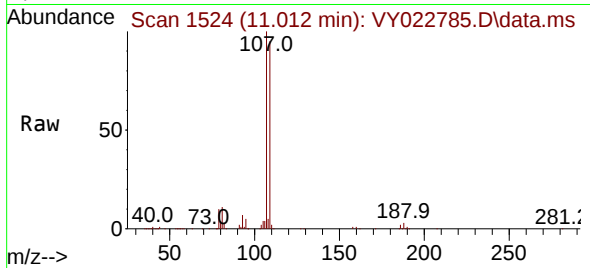
Tgt Ion:129 Resp: 248320
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2





#61
1,2-Dibromoethane
Concen: 49.540 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

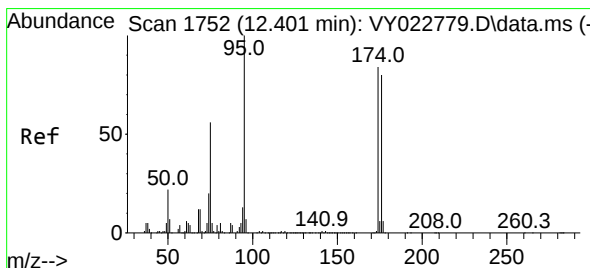
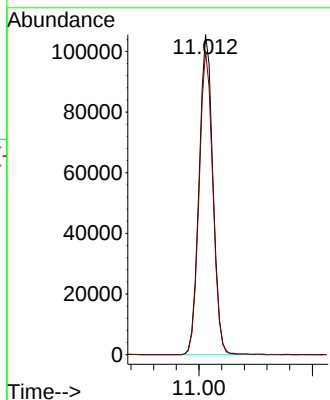
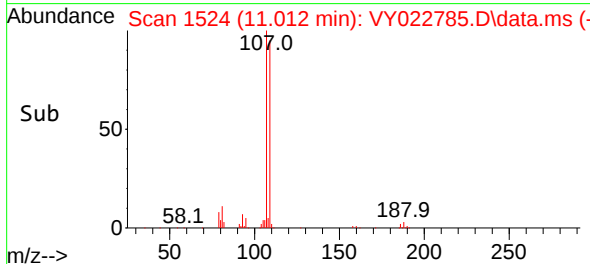
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



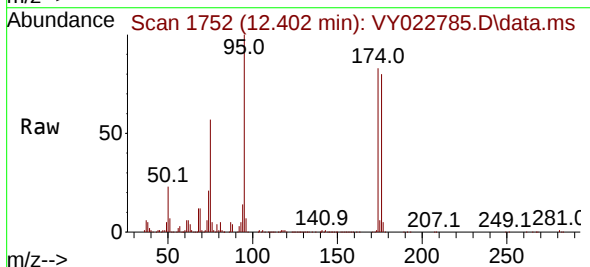
Tgt Ion:107 Resp: 178170
Ion Ratio Lower Upper
107 100
109 94.6 77.7 116.5

Manual Integrations
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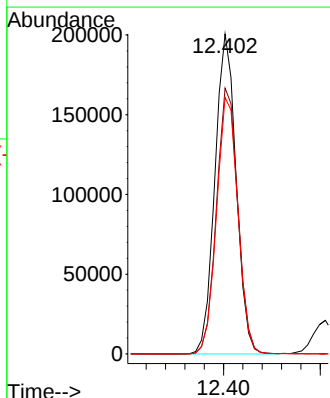
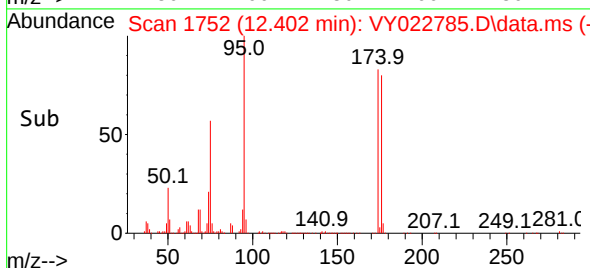
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

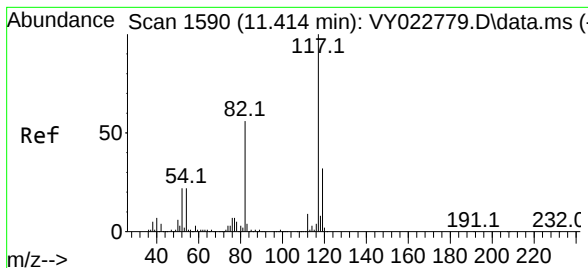


#62
4-Bromofluorobenzene
Concen: 49.825 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20



Tgt Ion: 95 Resp: 304692
Ion Ratio Lower Upper
95 100
174 83.8 0.0 170.0
176 80.9 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 67831

Ion Ratio Lower Upper

117 100

82 57.3 44.6 66.8

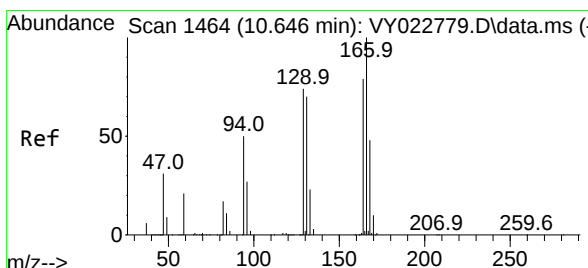
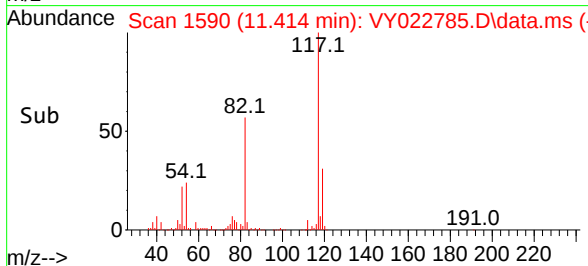
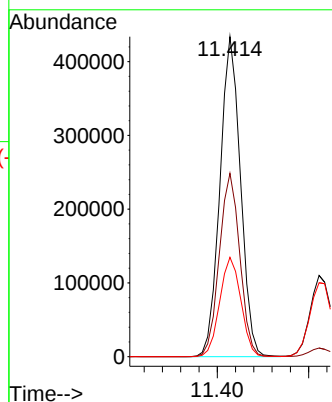
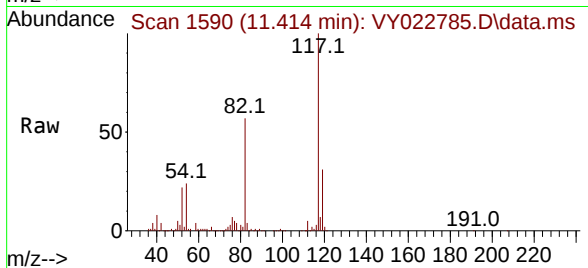
119 31.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#64

Tetrachloroethene

Concen: 46.701 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Tgt Ion:164 Resp: 299261

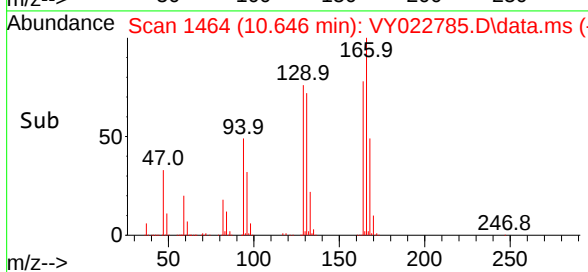
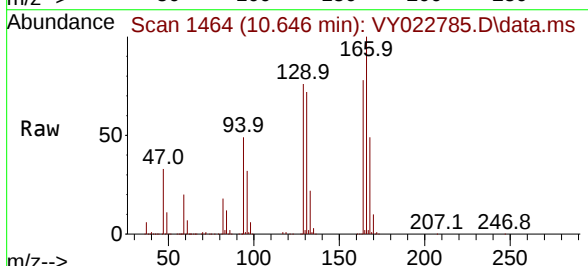
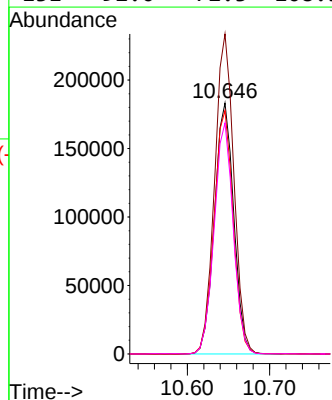
Ion Ratio Lower Upper

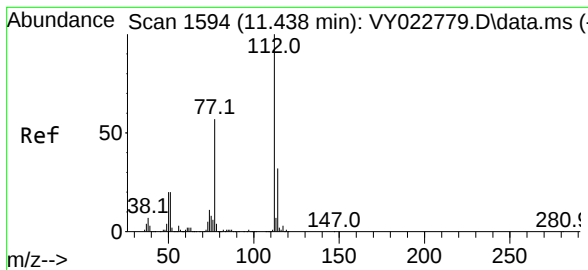
164 100

166 127.5 104.0 156.0

129 97.0 74.5 111.7

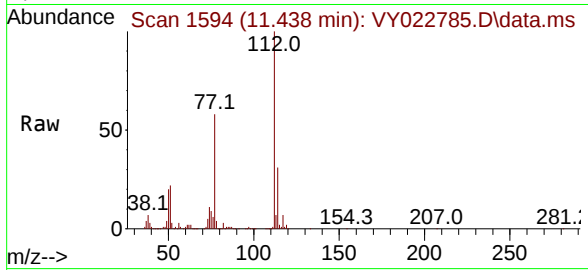
131 92.0 72.3 108.5





#65
Chlorobenzene
Concen: 50.101 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

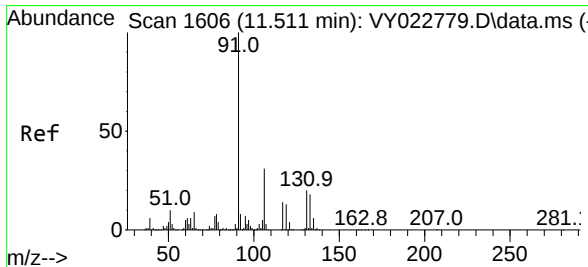
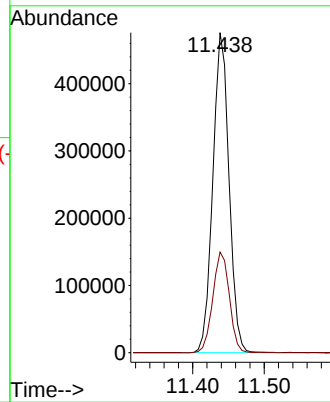
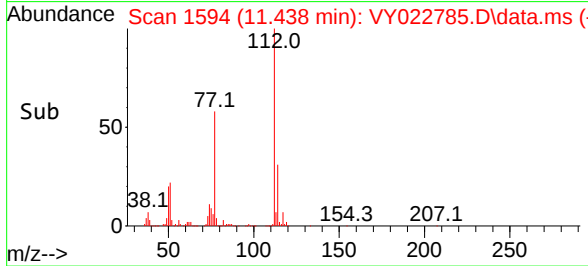
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



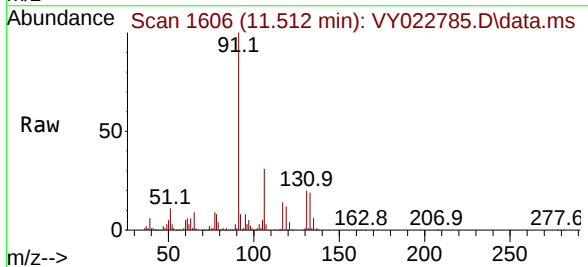
Tgt Ion:112 Resp: 746740
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.6

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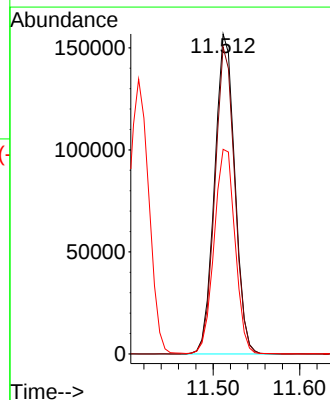
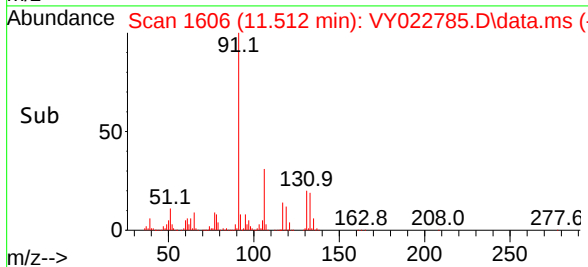
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

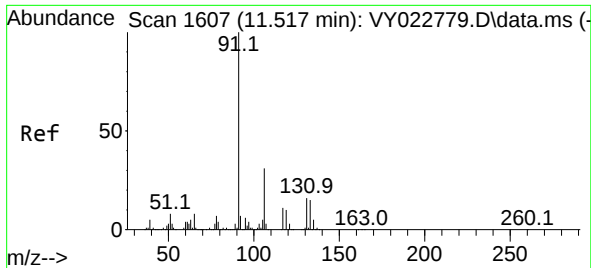


#66
1,1,1,2-Tetrachloroethane
Concen: 50.354 ug/l
RT: 11.512 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20



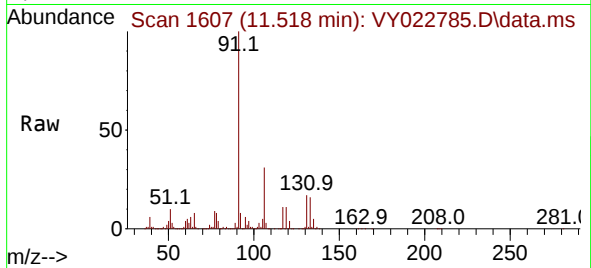
Tgt Ion:131 Resp: 254204
Ion Ratio Lower Upper
131 100
133 94.3 47.3 141.8
119 66.4 33.1 99.3





#67
Ethyl Benzene
Concen: 51.580 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

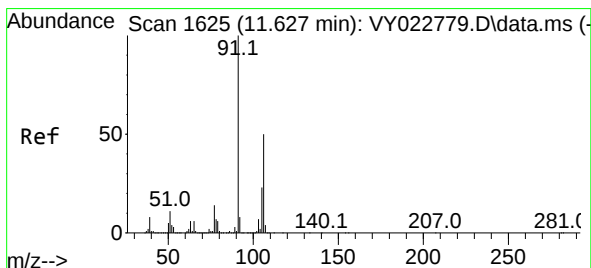
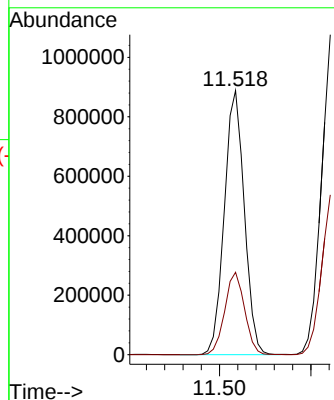
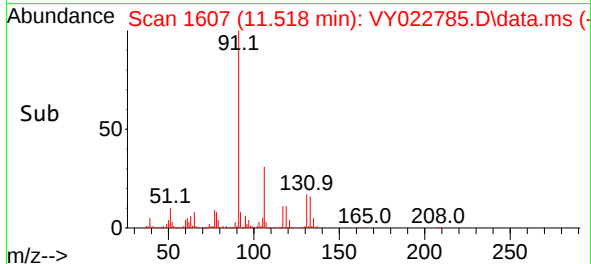
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



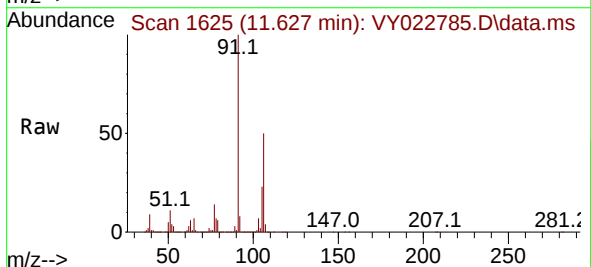
Tgt Ion: 91 Resp: 1350768
Ion Ratio Lower Upper
91 100
106 31.2 24.2 36.4

Manual Integrations
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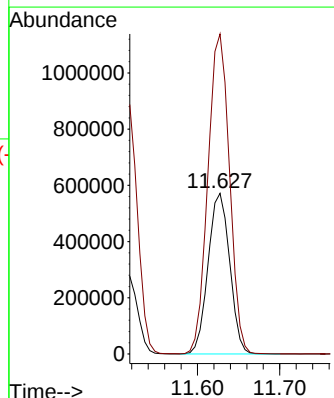
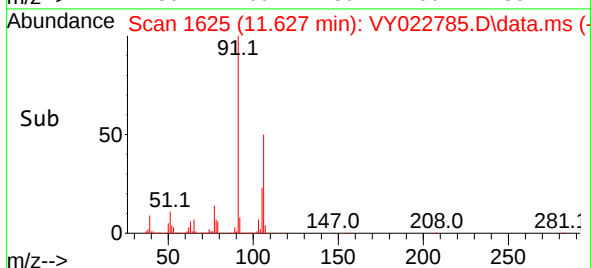
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

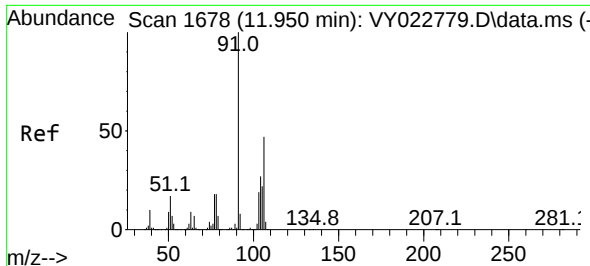


#68
m/p-Xylenes
Concen: 102.894 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20



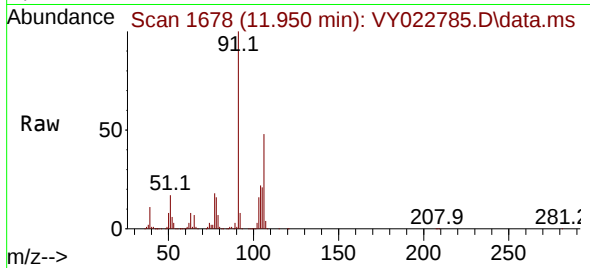
Tgt Ion:106 Resp: 1041613
Ion Ratio Lower Upper
106 100
91 199.6 159.4 239.0





#69
o-Xylene
Concen: 51.140 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

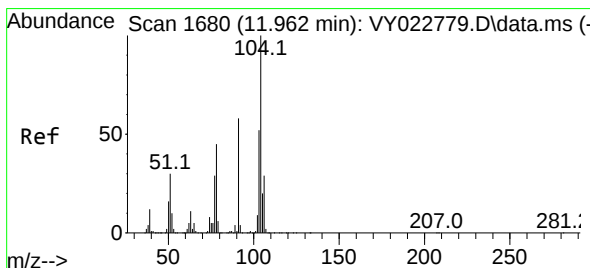
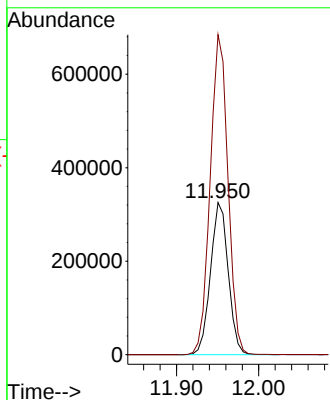
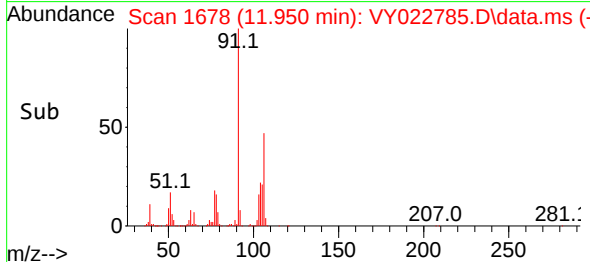
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



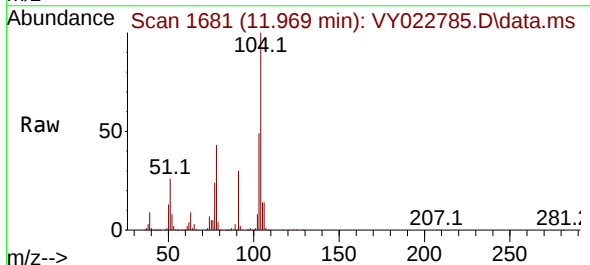
Tgt Ion:106 Resp: 48780
Ion Ratio Lower Upper
106 100
91 211.5 105.8 317.3

Manual Integrations
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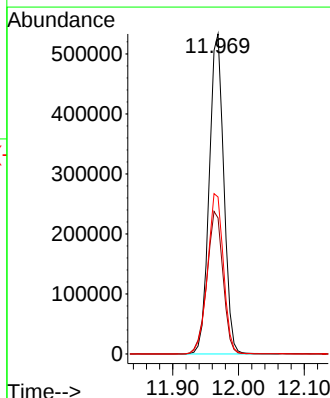
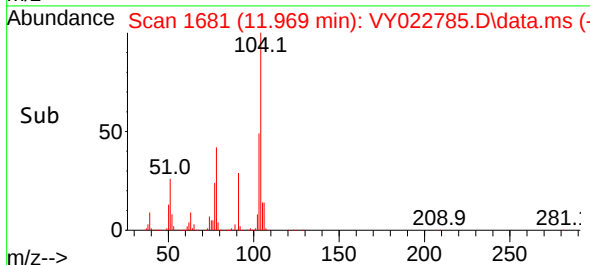
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

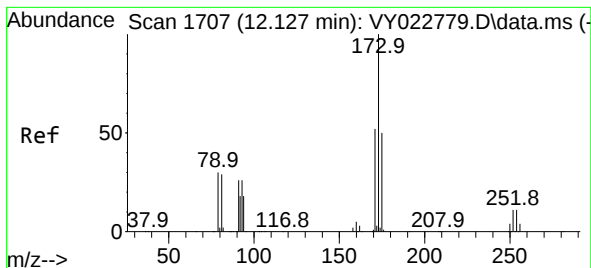


#70
Styrene
Concen: 51.534 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20



Tgt Ion:104 Resp: 823388
Ion Ratio Lower Upper
104 100
78 49.2 39.5 59.3
103 54.6 44.1 66.1





#71

Bromoform

Concen: 49.346 ug/l

RT: 12.127 min Scan# 1707

Delta R.T. -0.006 min

Lab File: VY022785.D

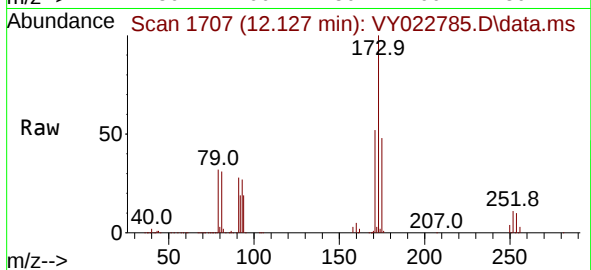
Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:173 Resp: 138710

Ion Ratio Lower Upper

173 100

175 49.1 23.8 71.5

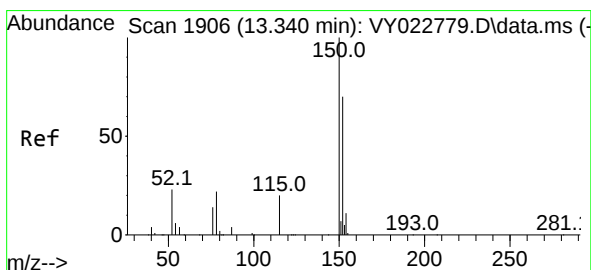
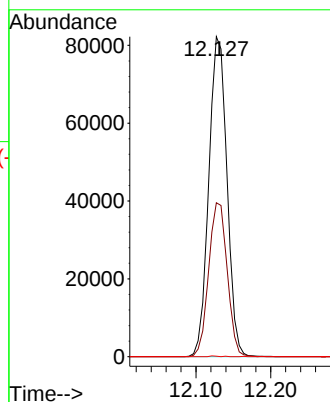
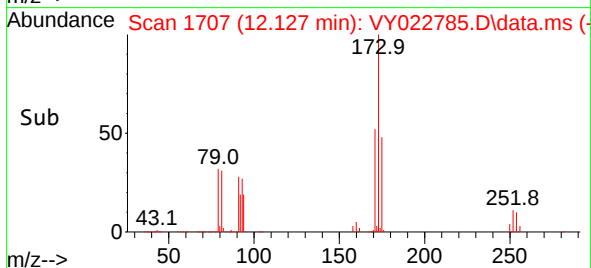
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

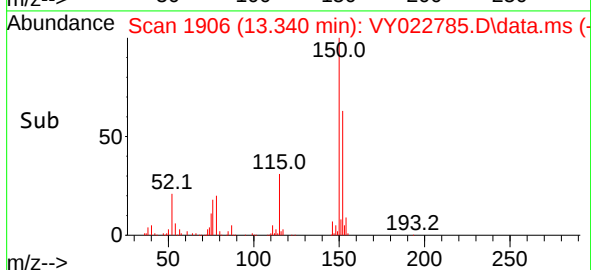
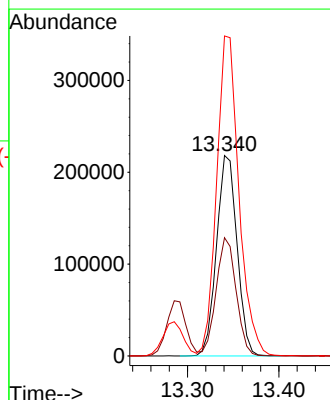
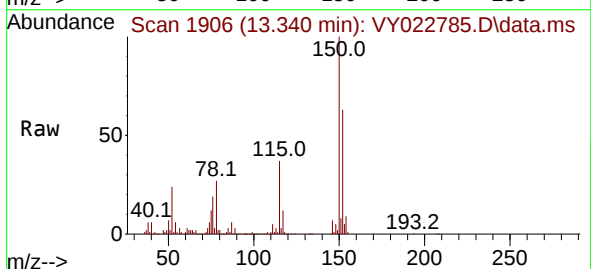
Tgt Ion:152 Resp: 340335

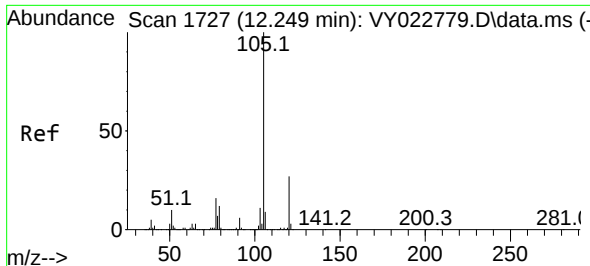
Ion Ratio Lower Upper

152 100

115 57.6 28.9 86.7

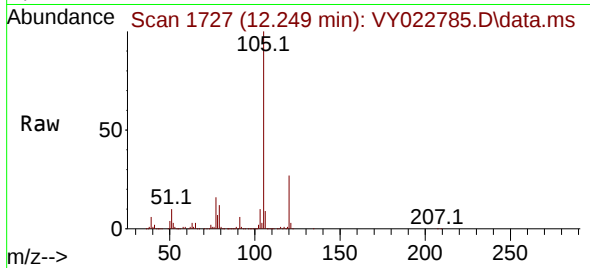
150 173.5 0.0 349.6





#73
Isopropylbenzene
Concen: 50.093 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

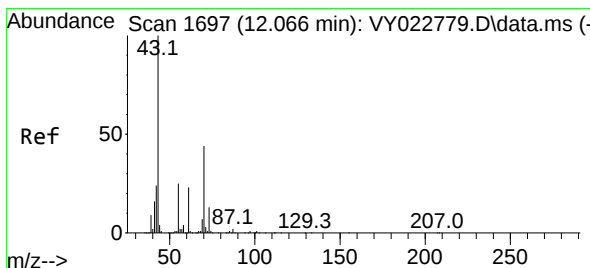
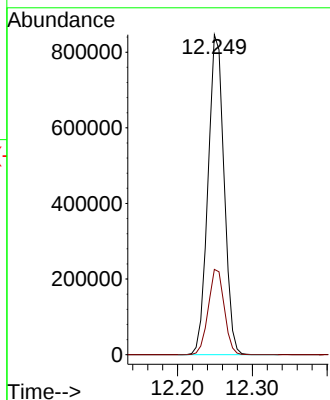
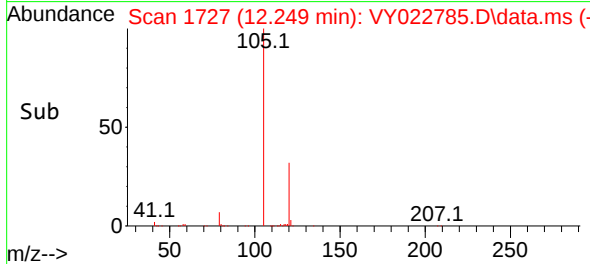
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 126084
Ion Ratio Lower Upper
105 100
120 26.6 13.0 38.9

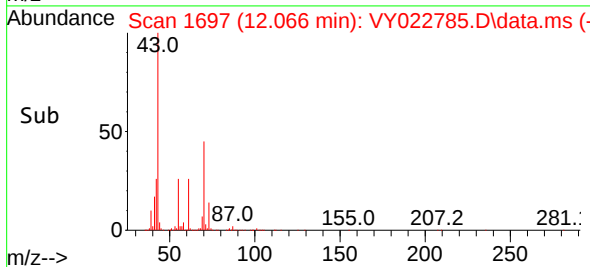
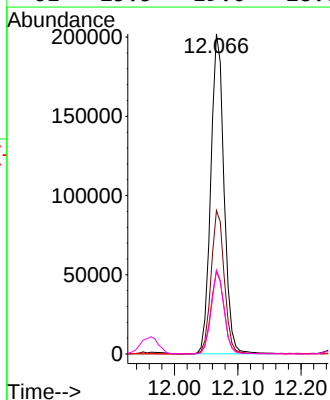
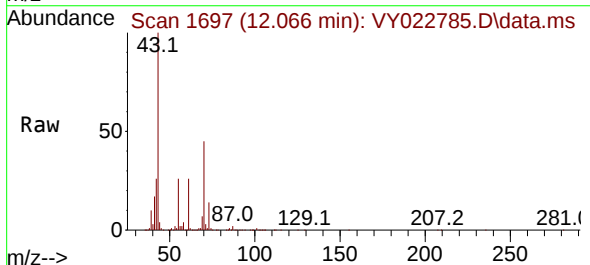
Manual Integrations
APPROVED

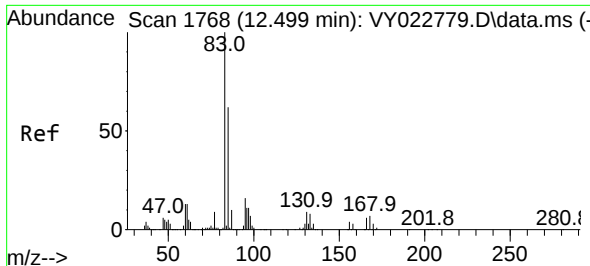
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#74
N-ethyl acetate
Concen: 51.982 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

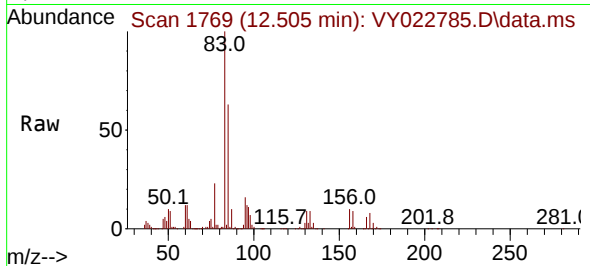
Tgt Ion: 43 Resp: 293683
Ion Ratio Lower Upper
43 100
70 44.8 34.2 51.2
55 26.2 18.2 27.4
61 25.5 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 51.461 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

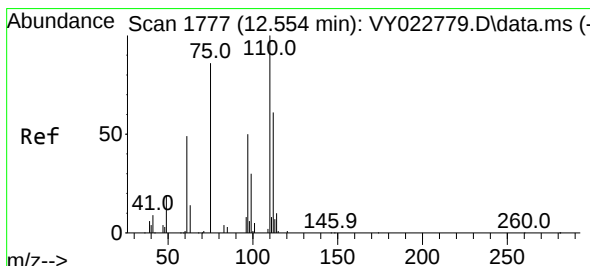
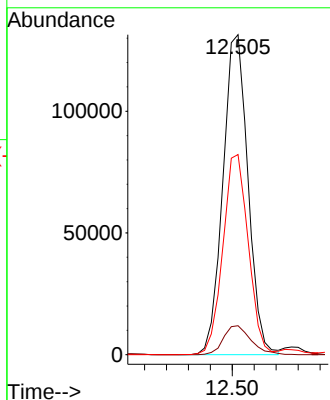
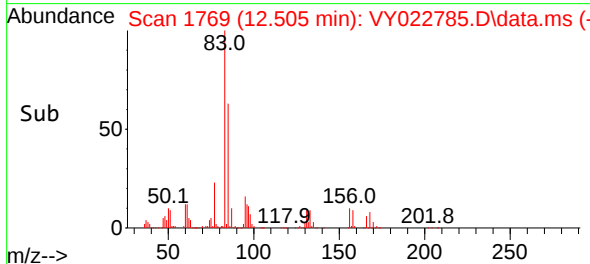
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



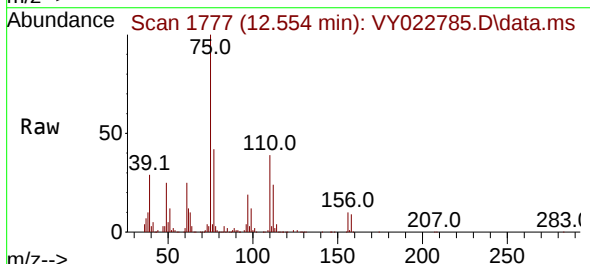
Tgt Ion: 83 Resp: 208754
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 63.5 32.6 97.8

Manual Integrations
APPROVED

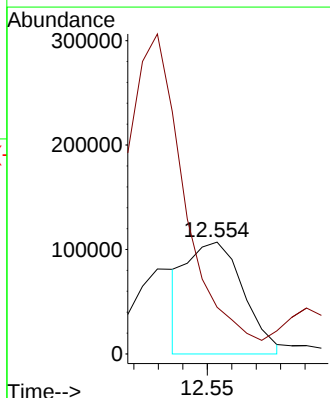
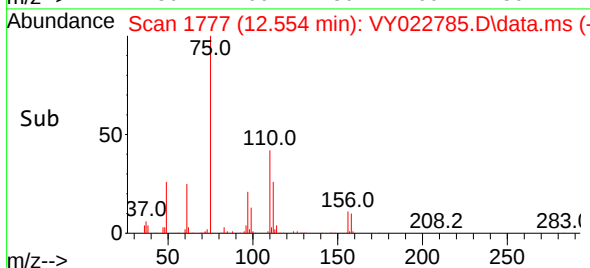
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

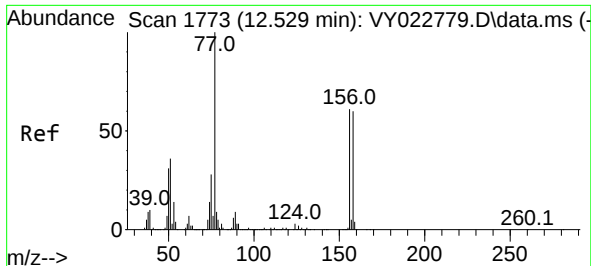


#76
1,2,3-Trichloropropane
Concen: 49.608 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20



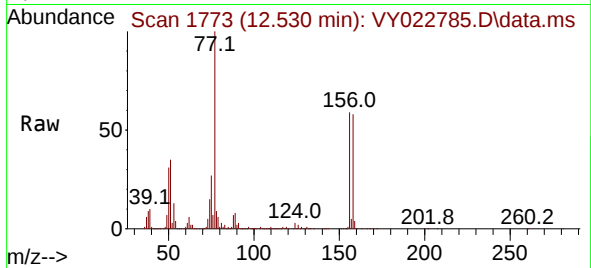
Tgt Ion: 75 Resp: 172364
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 48.825 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

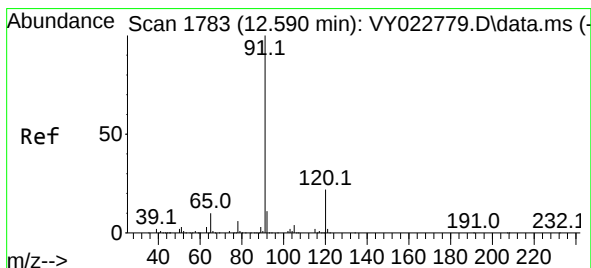
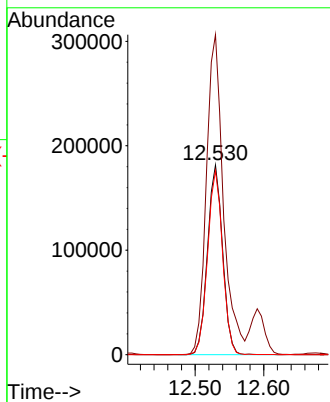
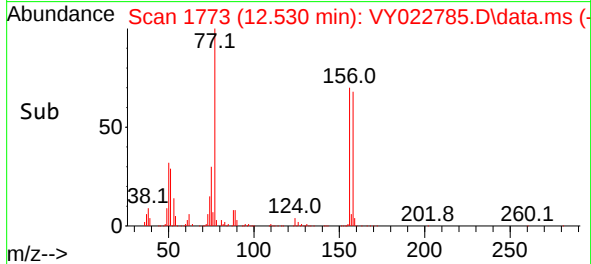
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



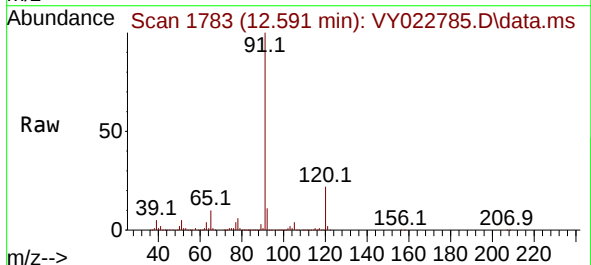
Tgt Ion:156 Resp: 278554
Ion Ratio Lower Upper
156 100
77 189.8 94.0 282.1
158 96.7 48.2 144.6

Manual Integrations
APPROVED

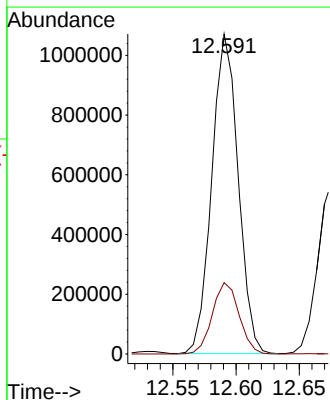
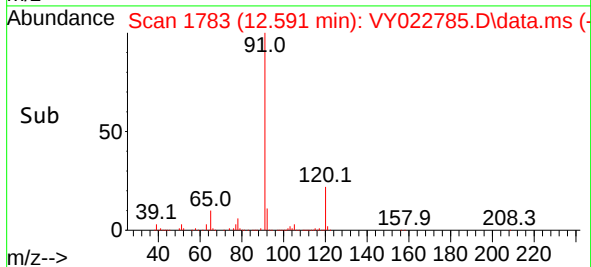
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

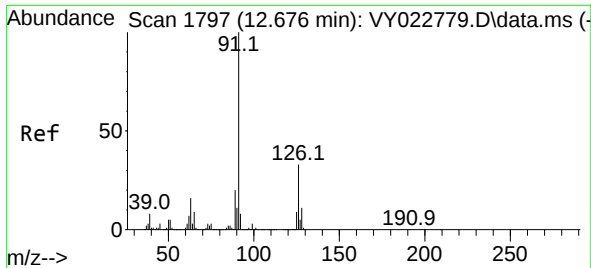


#78
n-propylbenzene
Concen: 51.062 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20



Tgt Ion: 91 Resp: 1551740
Ion Ratio Lower Upper
91 100
120 22.6 10.8 32.4





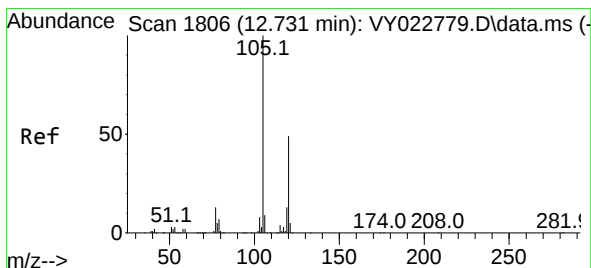
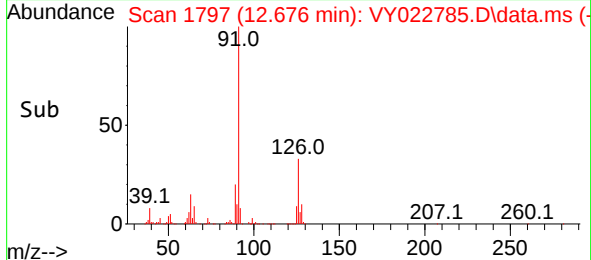
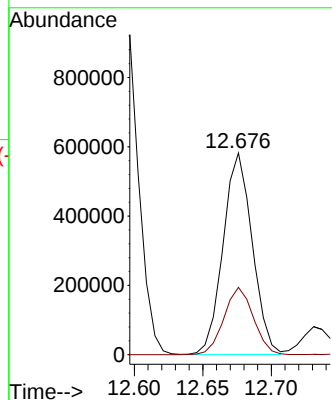
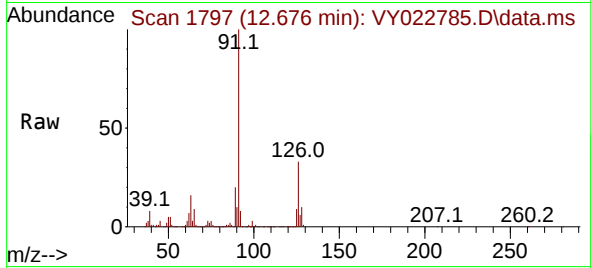
#79
2-Chlorotoluene
Concen: 50.189 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 861720
Ion Ratio Lower Upper
91 100
126 33.7 17.0 51.0

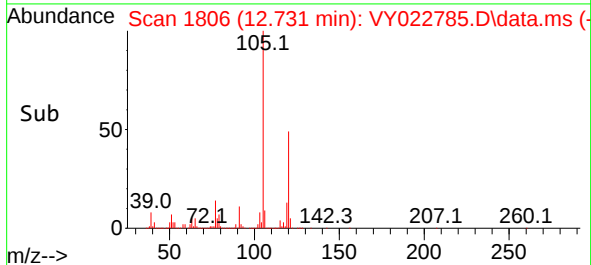
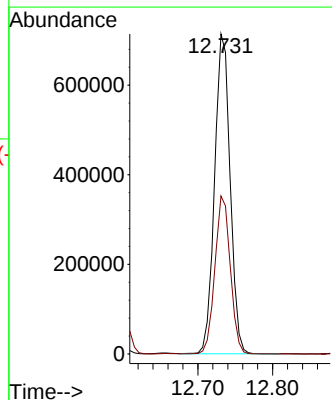
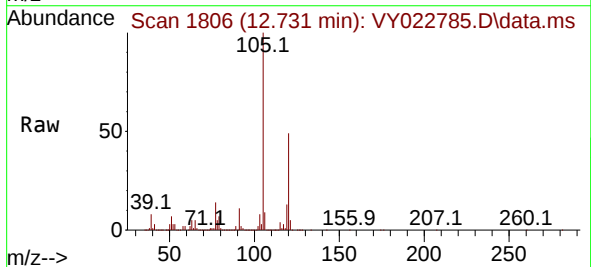
Manual Integrations
APPROVED

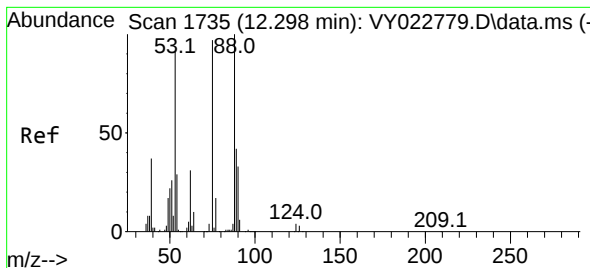
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.921 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

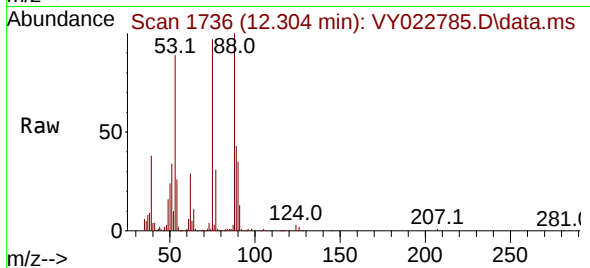
Tgt Ion:105 Resp: 1034655
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 50.732 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

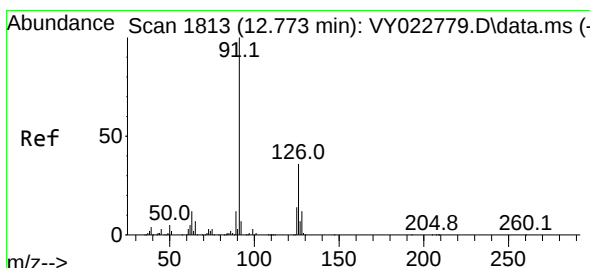
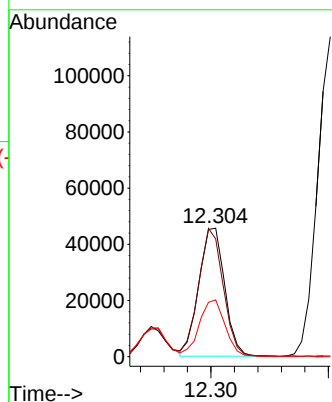
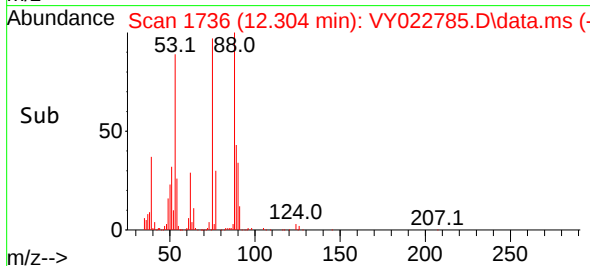
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 6977
Ion Ratio Lower Upper
75 100
53 95.8 78.5 117.7
89 44.5 35.7 53.5

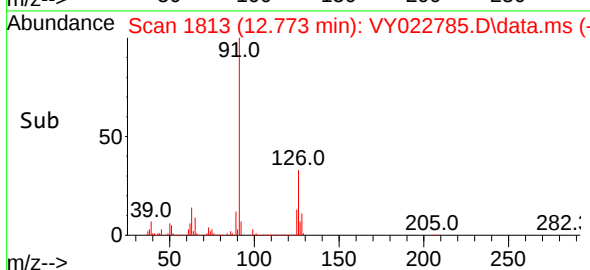
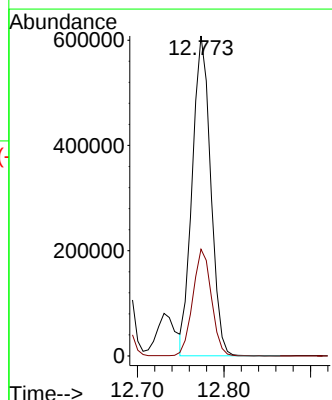
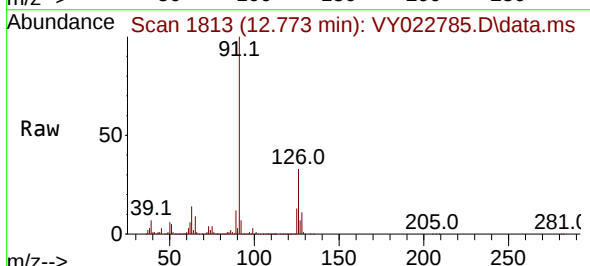
Manual Integrations
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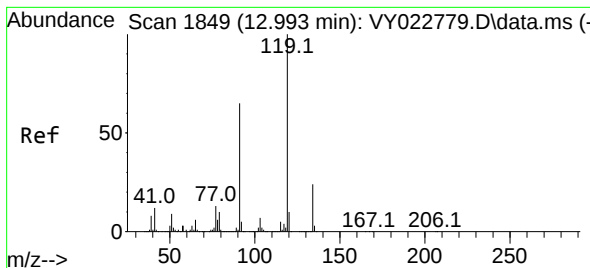
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#82
4-Chlorotoluene
Concen: 49.700 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

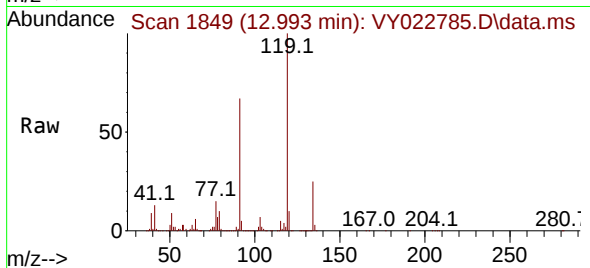
Tgt Ion: 91 Resp: 896321
Ion Ratio Lower Upper
91 100
126 33.8 17.0 50.9





#83
tert-Butylbenzene
Concen: 50.501 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

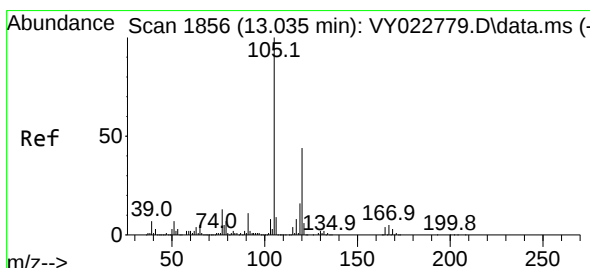
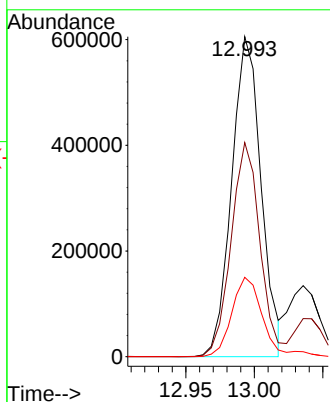
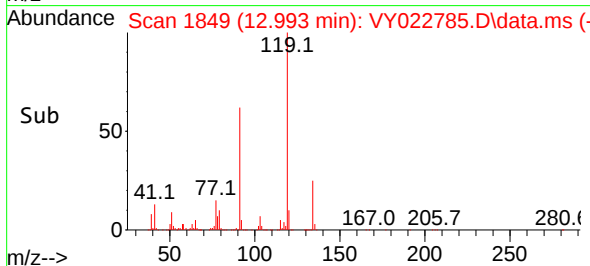
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



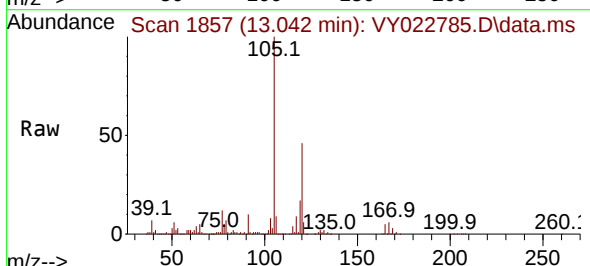
Tgt Ion:119 Resp: 90494
Ion Ratio Lower Upper
119 100
91 66.0 32.1 96.3
134 26.2 13.0 38.9

Manual Integrations
APPROVED

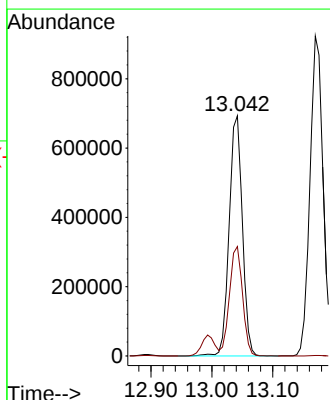
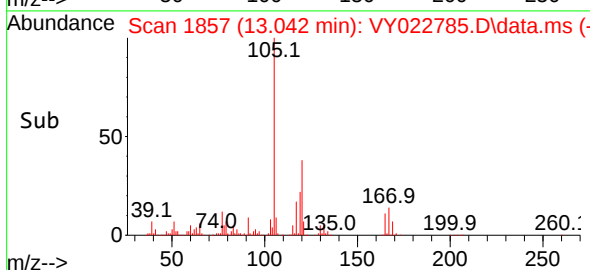
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

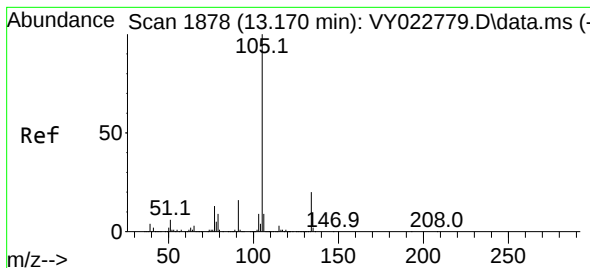


#84
1,2,4-Trimethylbenzene
Concen: 51.154 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20



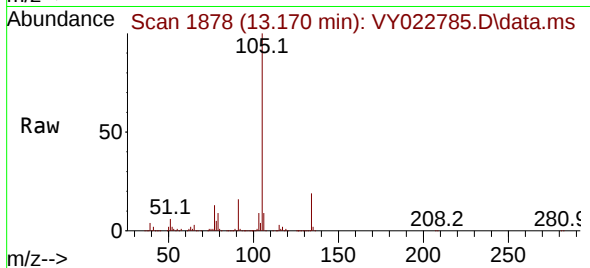
Tgt Ion:105 Resp: 1040633
Ion Ratio Lower Upper
105 100
120 45.3 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 50.919 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. -0.006 min
 Lab File: VY022785.D
 Acq: 24 Jun 2025 09:20

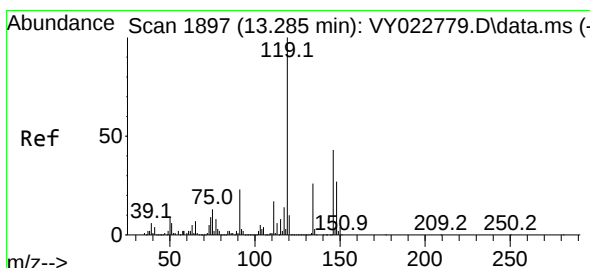
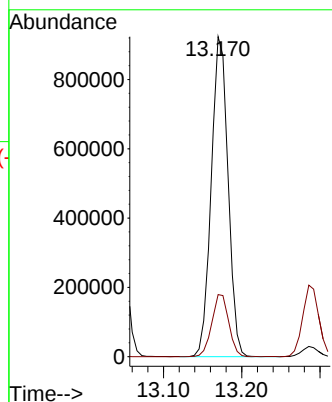
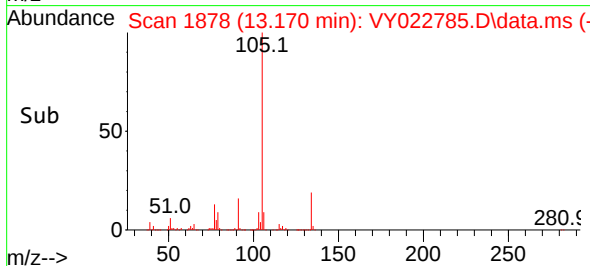
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



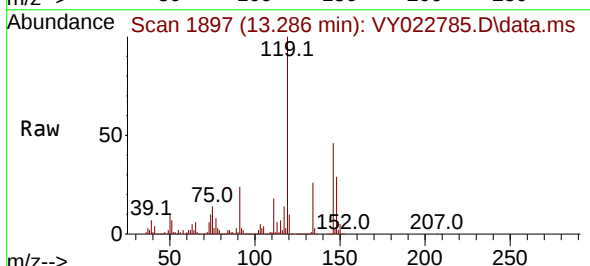
Tgt Ion:105 Resp: 1372848
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9

Manual Integrations
 APPROVED

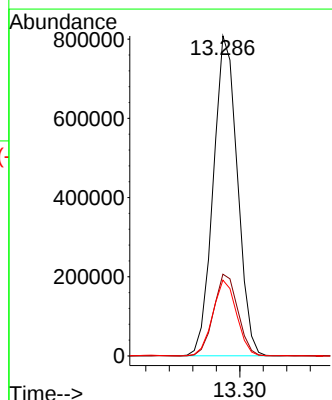
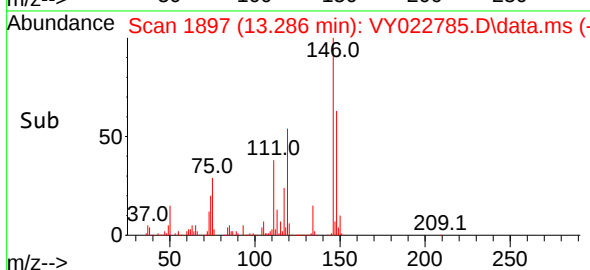
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

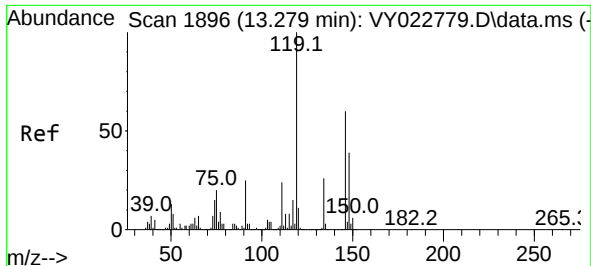


#86
 p-Isopropyltoluene
 Concen: 51.387 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY022785.D
 Acq: 24 Jun 2025 09:20



Tgt Ion:119 Resp: 1152956
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.1 39.1
 91 23.3 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 50.062 ug/l

RT: 13.286 min Scan# 1896

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 573618

Ion Ratio Lower Upper

146 100

111 39.5 20.1 60.2

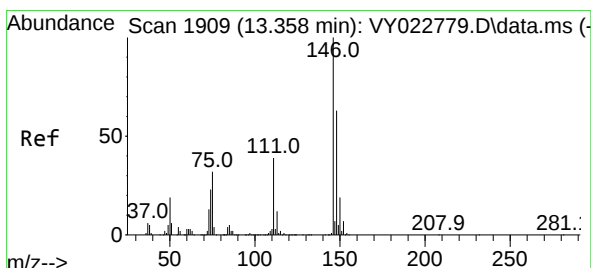
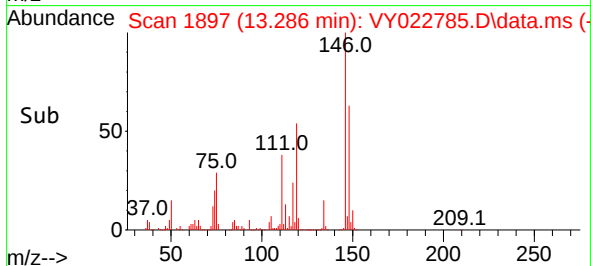
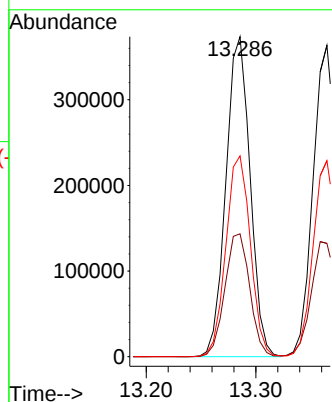
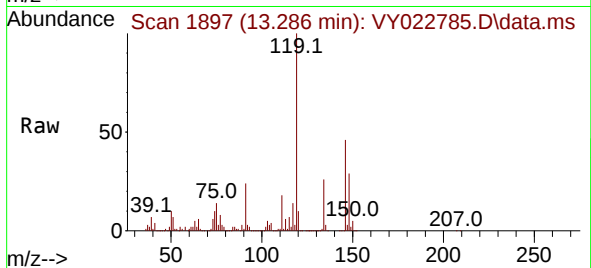
148 63.7 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#88

1,4-Dichlorobenzene

Concen: 49.228 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

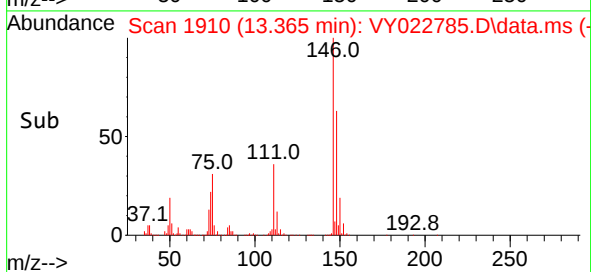
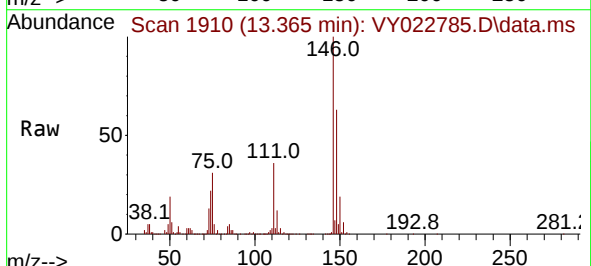
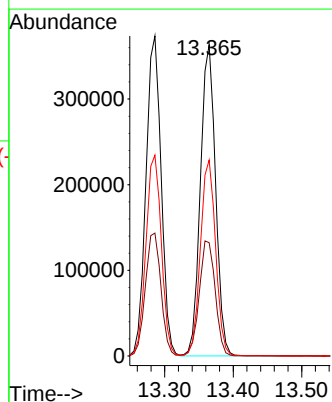
Tgt Ion:146 Resp: 560298

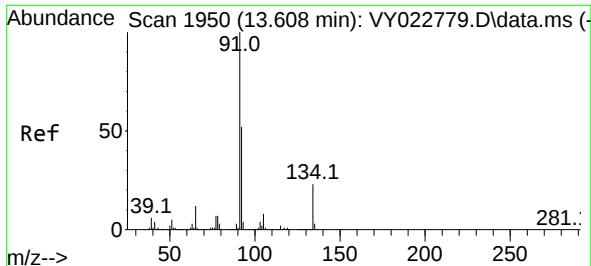
Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.2

148 62.8 31.6 94.8





#89

n-Butylbenzene

Concen: 51.255 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1081730

Ion Ratio Lower Upper

91 100

92 52.8 25.9 77.8

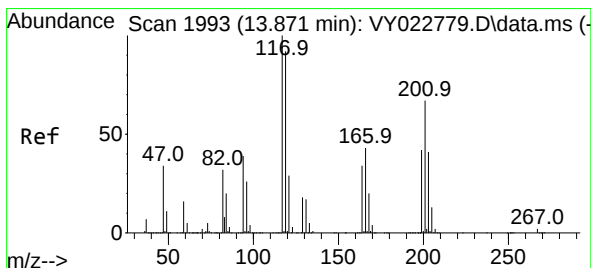
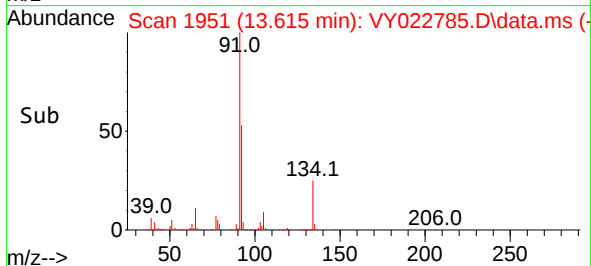
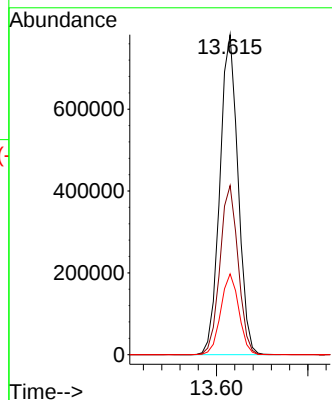
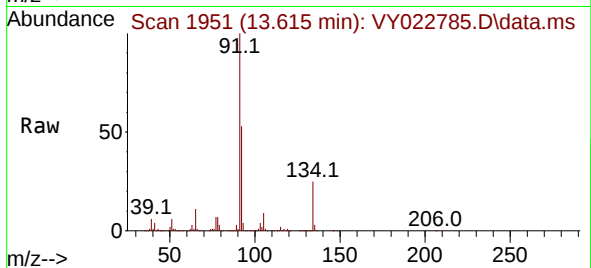
134 25.1 12.0 36.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#90

Hexachloroethane

Concen: 50.160 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022785.D

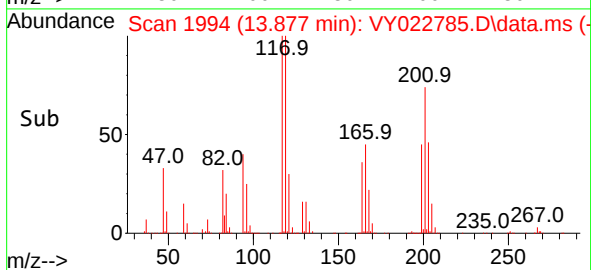
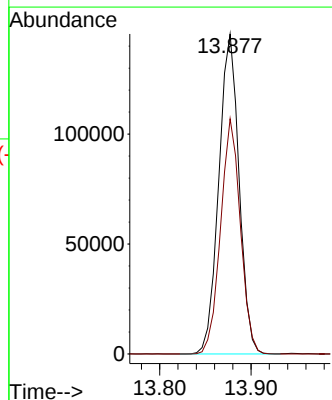
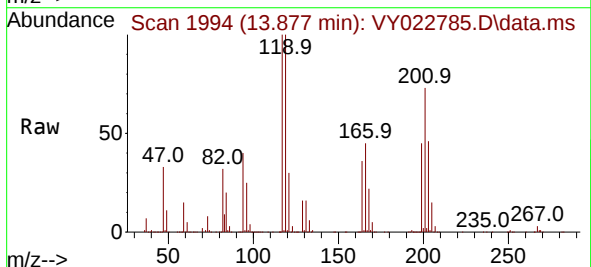
Acq: 24 Jun 2025 09:20

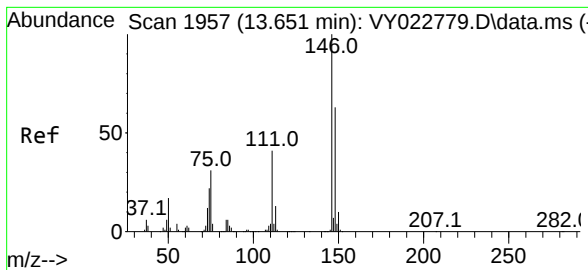
Tgt Ion:117 Resp: 224152

Ion Ratio Lower Upper

117 100

201 71.8 34.0 102.0





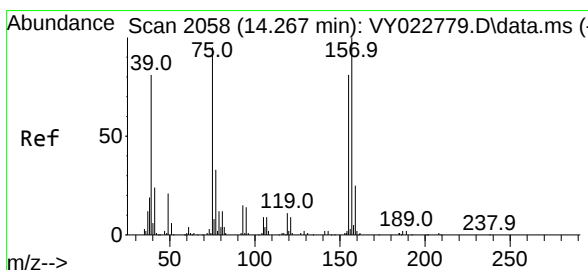
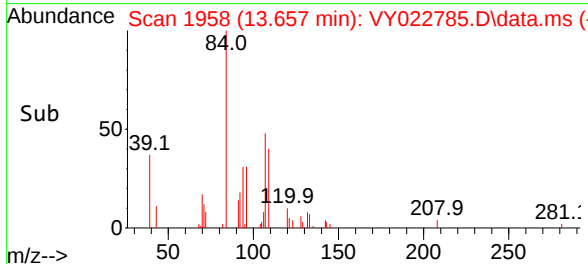
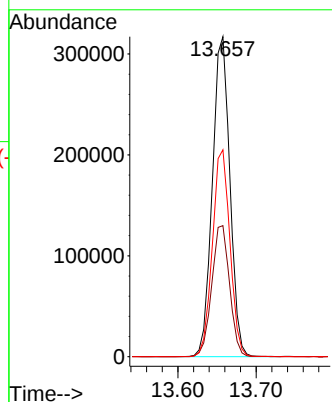
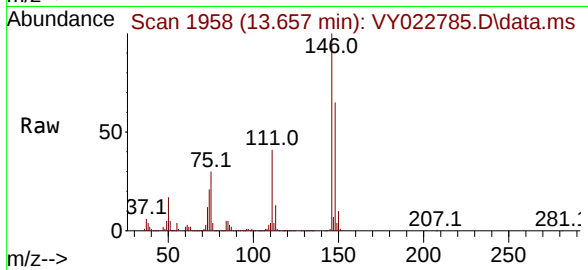
#91
1,2-Dichlorobenzene
Concen: 48.742 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050

Tgt Ion:146 Resp: 492169
Ion Ratio Lower Upper
146 100
111 41.7 20.2 60.6
148 64.8 31.4 94.0

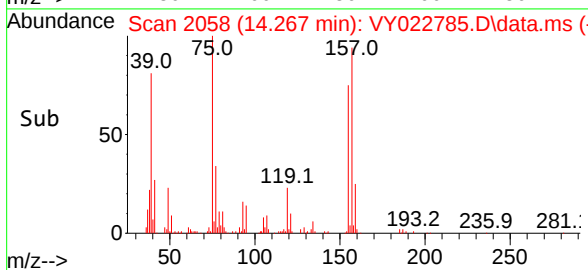
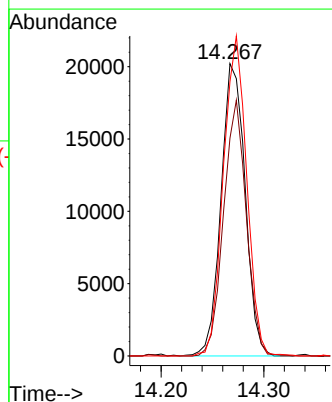
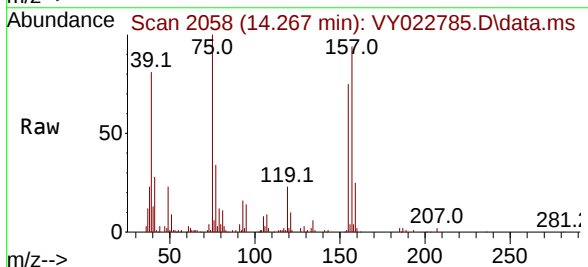
Manual Integrations
APPROVED

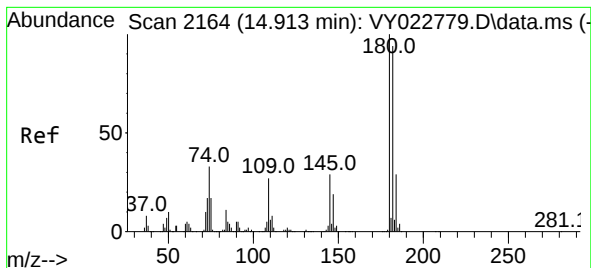
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.813 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion: 75 Resp: 32892
Ion Ratio Lower Upper
75 100
155 82.7 39.9 119.6
157 105.9 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 48.191 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

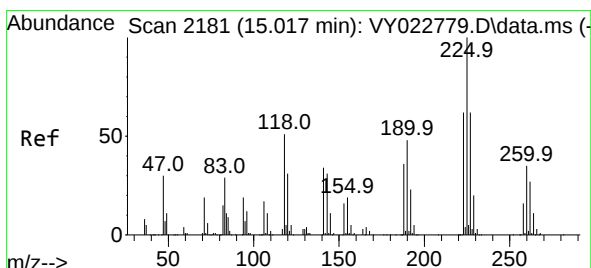
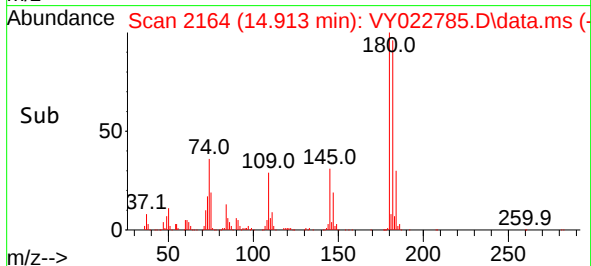
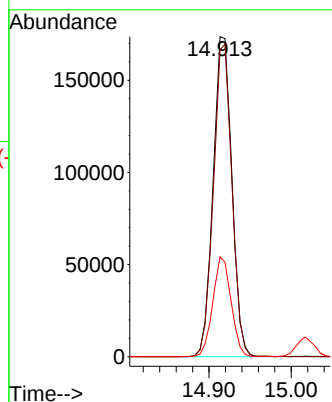
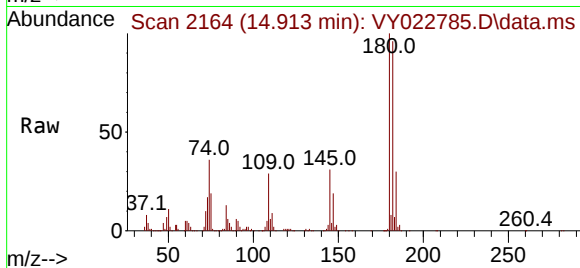
Tgt Ion:180 Resp: 27474

Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.4	145.3
145	30.5	15.5	46.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#94

Hexachlorobutadiene

Concen: 48.524 ug/l

RT: 15.017 min Scan# 2181

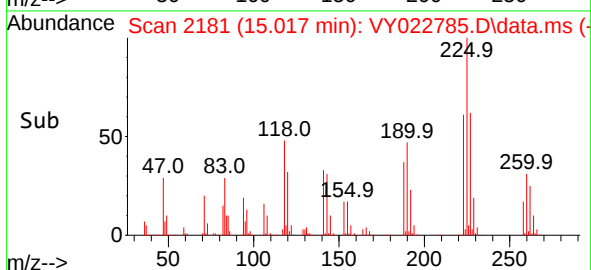
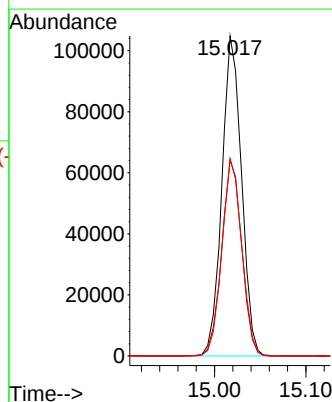
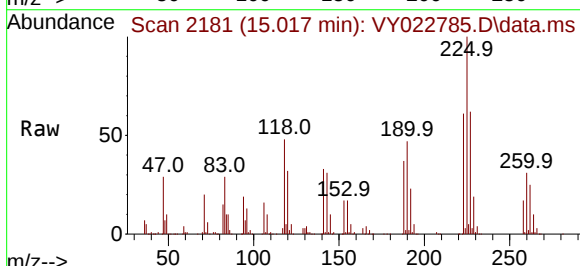
Delta R.T. -0.006 min

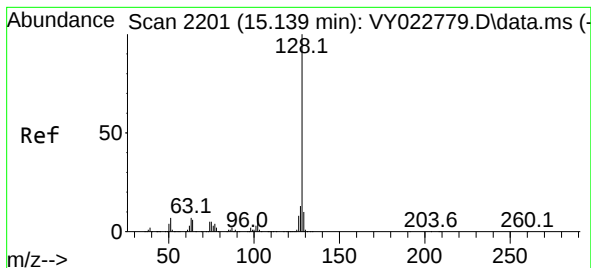
Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Tgt Ion:225 Resp: 156435

Ion	Ratio	Lower	Upper
225	100		
223	62.6	32.5	97.4
227	62.4	32.3	96.9





#95

Naphthalene

Concen: 48.608 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 50112

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

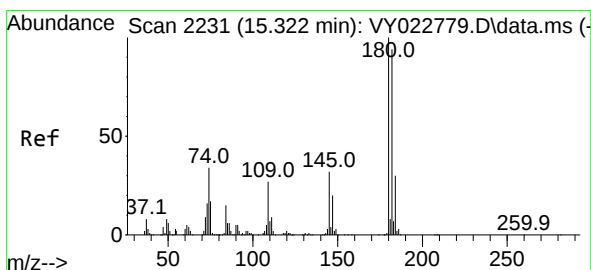
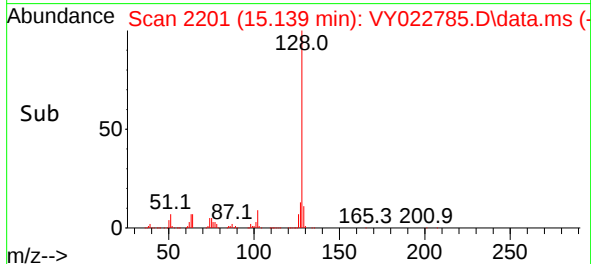
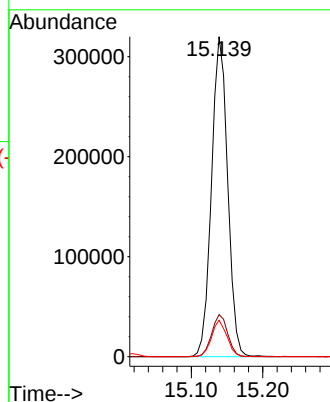
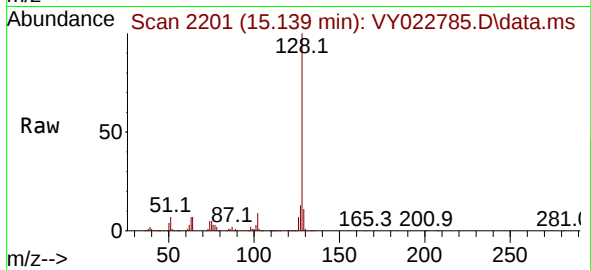
129 10.9 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#96

1,2,3-Trichlorobenzene

Concen: 47.786 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Tgt Ion:180 Resp: 235416

Ion Ratio Lower Upper

180 100

182 95.9 47.1 141.3

145 31.7 15.2 45.6

