

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
 Data File : VY023162.D
 Acq On : 20 Aug 2025 09:26
 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 08/22/2025
 Supervised By : Semsettin Yesilyurt 08/22/2025

Quant Time: Aug 20 10:40:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	494314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	753839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	669405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	347499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	217050	46.072	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.140%		
35) Dibromofluoromethane	7.634	113	226814	50.283	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.560%		
50) Toluene-d8	10.109	98	876788	49.757	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.520%		
62) 4-Bromofluorobenzene	12.408	95	279699	49.355	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	180567	44.752	ug/l	99
3) Chloromethane	2.074	50	320547	49.049	ug/l	99
4) Vinyl Chloride	2.202	62	422265	52.271	ug/l	100
5) Bromomethane	2.598	94	323126	53.558	ug/l	99
6) Chloroethane	2.733	64	287842	53.594	ug/l	98
7) Trichlorofluoromethane	3.056	101	502649	51.171	ug/l	99
8) Diethyl Ether	3.458	74	125091	48.134	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	253822	52.376	ug/l	100
10) Methyl Iodide	4.007	142	294445	56.306	ug/l	98
11) Tert butyl alcohol	4.854	59	69024	213.827	ug/l	100
12) 1,1-Dichloroethene	3.787	96	246545	51.758	ug/l	98
13) Acrolein	3.653	56	50137	106.054	ug/l	98
14) Allyl chloride	4.385	41	340817	48.625	ug/l	98
15) Acrylonitrile	5.055	53	257445	243.666	ug/l	100
16) Acetone	3.867	43	285386	279.613	ug/l	100
17) Carbon Disulfide	4.110	76	775252	49.914	ug/l	100
18) Methyl Acetate	4.385	43	144528	47.585	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	604602	48.982	ug/l	99
20) Methylene Chloride	4.616	84	265161	49.996	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	282768	52.823	ug/l	99
22) Diisopropyl ether	6.019	45	762865	50.087	ug/l	96
23) Vinyl Acetate	5.958	43	2101300	249.506	ug/l	99
24) 1,1-Dichloroethane	5.915	63	478452	51.381	ug/l	99
25) 2-Butanone	6.896	43	349276	251.618	ug/l	97
26) 2,2-Dichloropropane	6.884	77	428627	53.345	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	322809	52.163	ug/l	98
28) Bromochloromethane	7.244	49	178354	48.277	ug/l	96
29) Tetrahydrofuran	7.262	42	207058	240.643	ug/l	99
30) Chloroform	7.421	83	501780	52.249	ug/l	96
31) Cyclohexane	7.701	56	427482	48.716	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	449604	52.762	ug/l	99
36) 1,1-Dichloropropene	7.835	75	366529	54.676	ug/l	100
37) Ethyl Acetate	6.988	43	144228	51.218	ug/l	99
38) Carbon Tetrachloride	7.823	117	406373	55.813	ug/l	97
39) Methylcyclohexane	9.110	83	482198	54.623	ug/l	97
40) Benzene	8.079	78	1126859	54.539	ug/l	100

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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	84658	52.092	ug/l	96
42) 1,2-Dichloroethane	8.158	62	282946	52.655	ug/l	100
43) Isopropyl Acetate	8.195	43	284274	49.946	ug/l	98
44) Trichloroethene	8.866	130	299298	56.055	ug/l	100
45) 1,2-Dichloropropane	9.140	63	252505	53.114	ug/l	100
46) Dibromomethane	9.231	93	147989	54.236	ug/l	99
47) Bromodichloromethane	9.427	83	383482	54.618	ug/l	99
48) Methyl methacrylate	9.225	41	139348	51.164	ug/l	98
49) 1,4-Dioxane	9.231	88	31872	996.184	ug/l	93
51) 4-Methyl-2-Pentanone	10.000	43	753630	256.697	ug/l	98
52) Toluene	10.170	92	736387	56.116	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	340402	53.540	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	405022	53.872	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	197682	54.142	ug/l	98
56) Ethyl methacrylate	10.439	69	244976	52.434	ug/l	99
57) 1,3-Dichloropropane	10.719	76	327595	52.905	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	557088	252.784	ug/l	98
59) 2-Hexanone	10.762	43	540467	270.352	ug/l	99
60) Dibromochloromethane	10.914	129	263855	54.767	ug/l	99
61) 1,2-Dibromoethane	11.012	107	184447	53.748	ug/l	99
64) Tetrachloroethene	10.646	164	353669	59.168	ug/l	97
65) Chlorobenzene	11.444	112	796710	55.177	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	270191	55.136	ug/l	99
67) Ethyl Benzene	11.518	91	1384094	55.702	ug/l	100
68) m/p-Xylenes	11.627	106	1105831	113.946	ug/l	97
69) o-Xylene	11.957	106	511966	56.325	ug/l	99
70) Styrene	11.969	104	858795	57.774	ug/l	98
71) Bromoform	12.133	173	154856	54.068	ug/l #	98
73) Isopropylbenzene	12.255	105	1345769	54.871	ug/l	100
74) N-amyl acetate	12.072	43	256941	49.400	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	199471	47.632	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	165993m	49.495	ug/l	
77) Bromobenzene	12.530	156	310639	53.090	ug/l	97
78) n-propylbenzene	12.597	91	1608842	55.097	ug/l	99
79) 2-Chlorotoluene	12.676	91	899173	53.745	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1100113	55.500	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	70373	50.794	ug/l	98
82) 4-Chlorotoluene	12.780	91	933833	53.806	ug/l	99
83) tert-Butylbenzene	12.999	119	988243	55.202	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1086959	55.087	ug/l	99
85) sec-Butylbenzene	13.176	105	1468282	55.832	ug/l	100
86) p-Isopropyltoluene	13.292	119	1243706	56.975	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	635256	55.055	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	619608	54.132	ug/l	99
89) n-Butylbenzene	13.615	91	1135038	56.614	ug/l	99
90) Hexachloroethane	13.877	117	247354	55.353	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	548379	54.191	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	31841	48.834	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	312389	52.202	ug/l	98
94) Hexachlorobutadiene	15.023	225	185835	52.847	ug/l	99
95) Naphthalene	15.145	128	526458	51.592	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	268232	52.017	ug/l	100

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QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

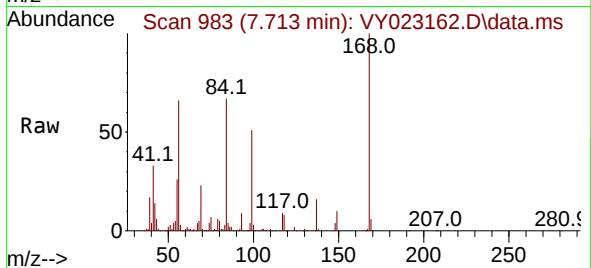
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023162.D
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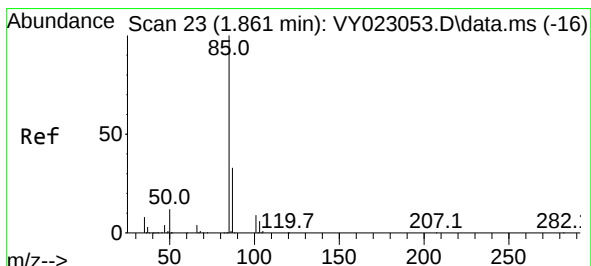
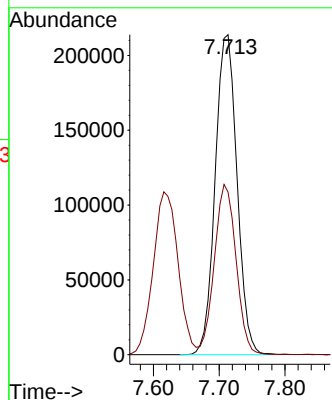
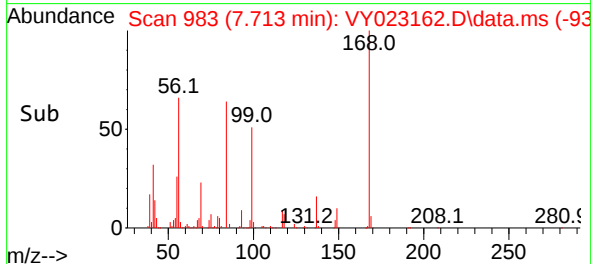
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 494314
Ion Ratio Lower Upper
168 100
99 50.7 42.8 64.2

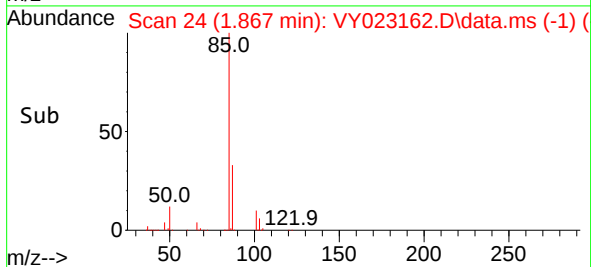
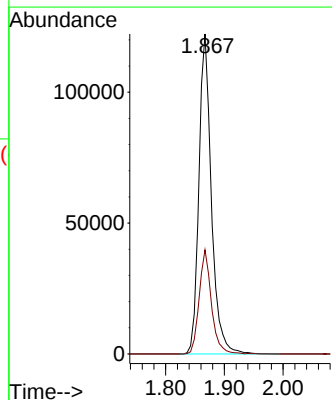
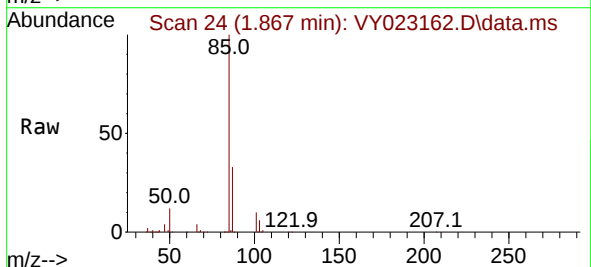
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#2
Dichlorodifluoromethane
Concen: 44.752 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

Tgt Ion: 85 Resp: 180567
Ion Ratio Lower Upper
85 100
87 32.6 16.6 49.8





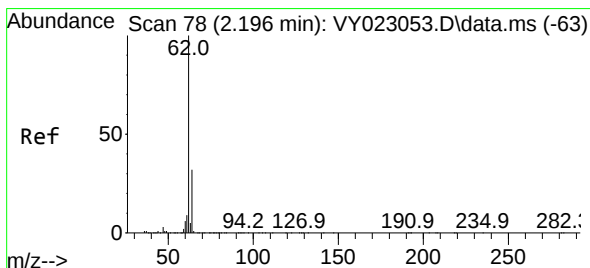
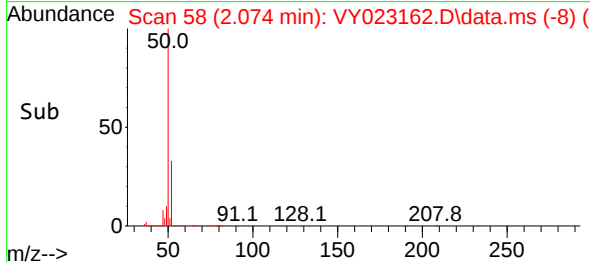
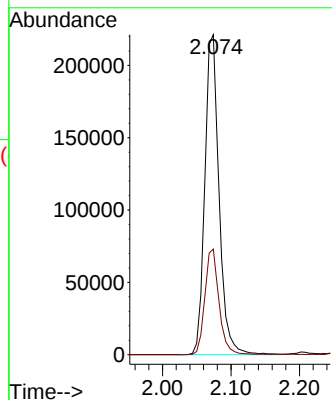
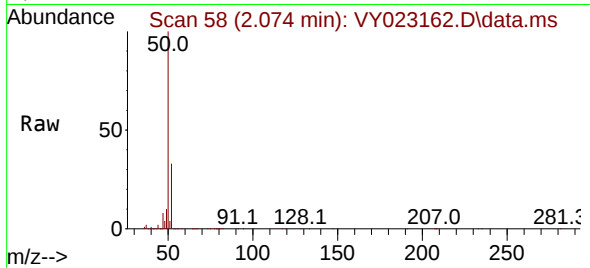
#3
Chloromethane
Concen: 49.049 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 32054
Ion Ratio Lower Upper
50 100
52 33.0 26.7 40.1

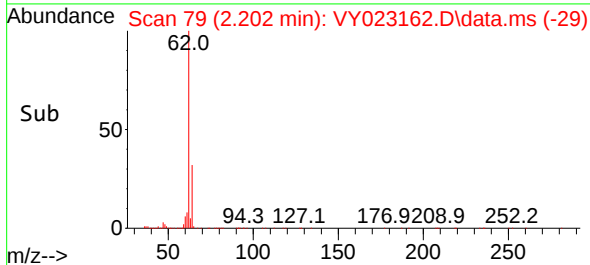
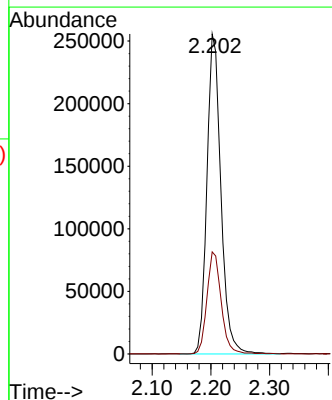
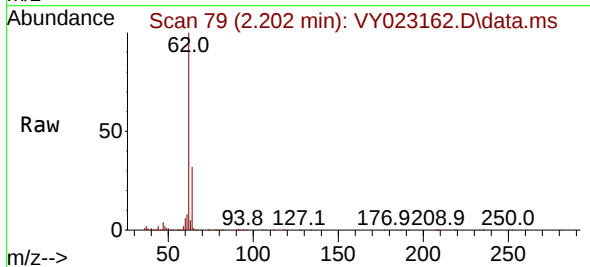
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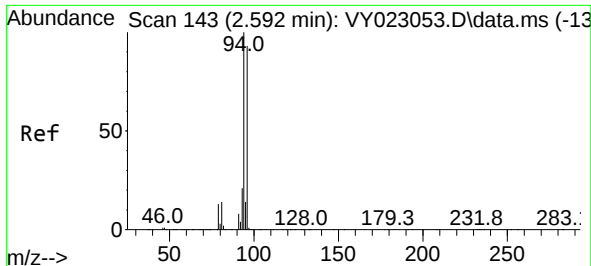
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#4
Vinyl Chloride
Concen: 52.271 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

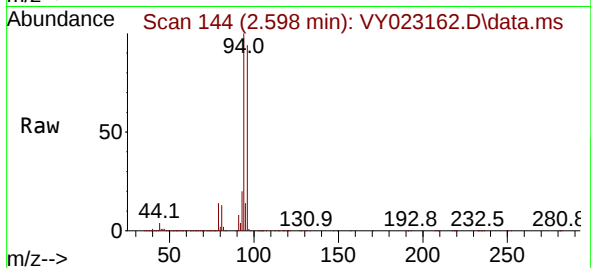
Tgt Ion: 62 Resp: 422265
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5
Bromomethane
Concen: 53.558 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

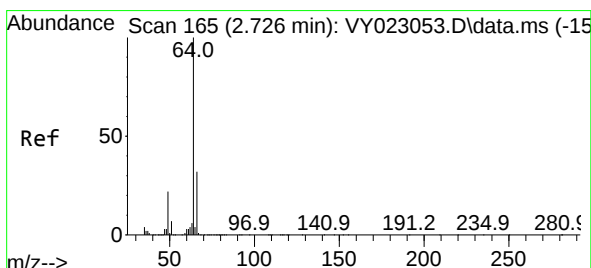
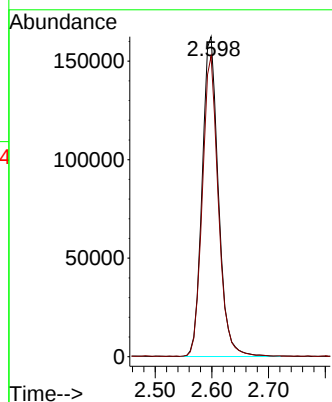
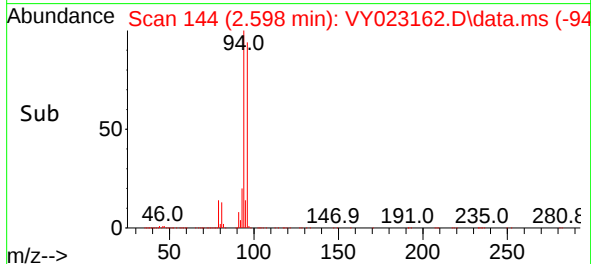
Instrument :
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ClientSampleId :
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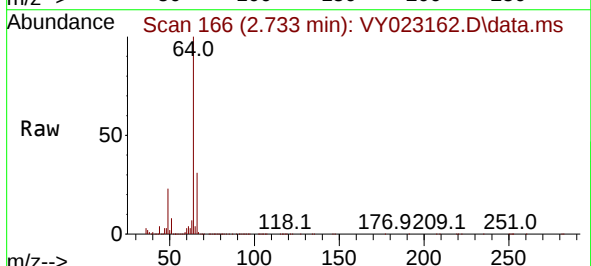
Tgt Ion: 94 Resp: 323120
Ion Ratio Lower Upper
94 100
96 93.9 74.6 112.0

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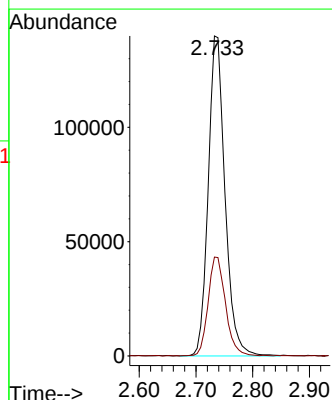
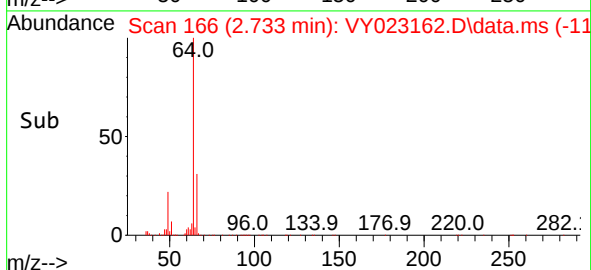
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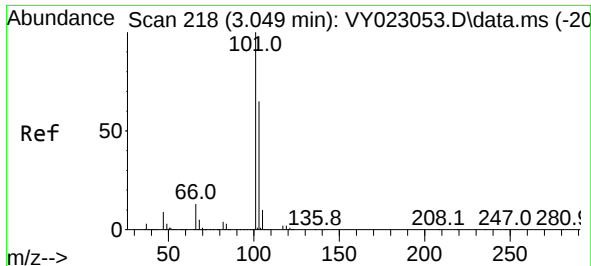


#6
Chloroethane
Concen: 53.594 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26



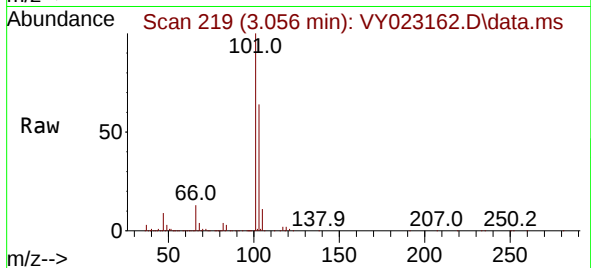
Tgt Ion: 64 Resp: 287842
Ion Ratio Lower Upper
64 100
66 30.8 25.8 38.6





#7
Trichlorofluoromethane
Concen: 51.171 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY023162.D
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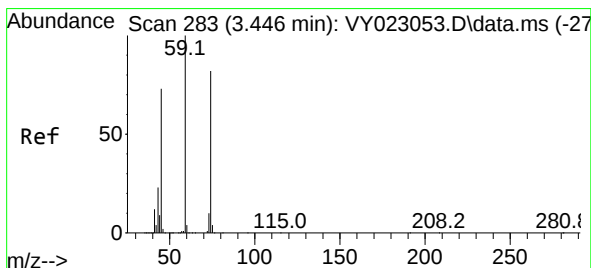
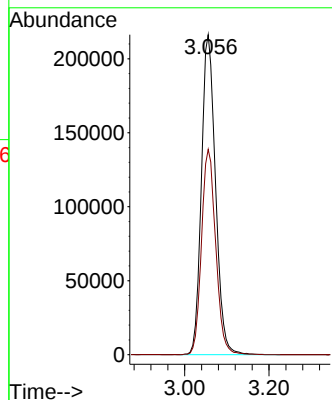
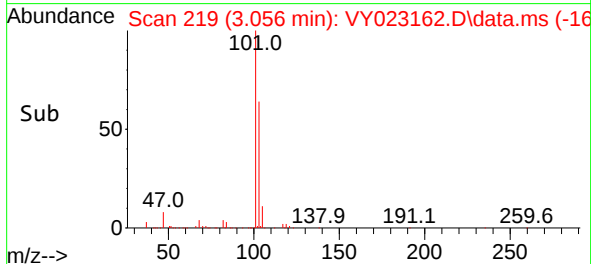
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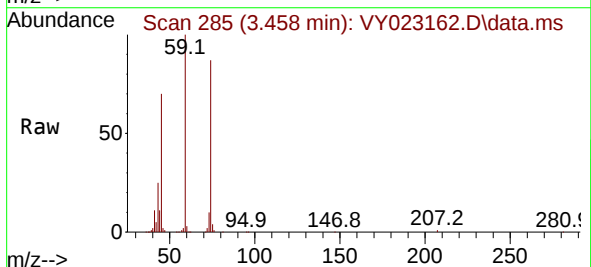
Tgt Ion:101 Resp: 502649
Ion Ratio Lower Upper
101 100
103 64.2 51.9 77.9

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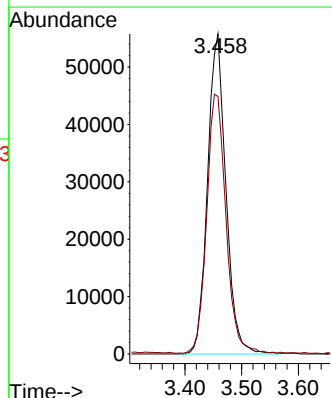
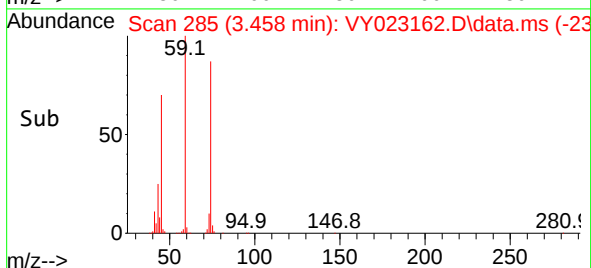
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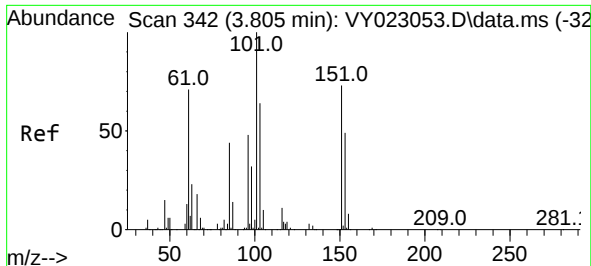


#8
Diethyl Ether
Concen: 48.134 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26



Tgt Ion: 74 Resp: 125091
Ion Ratio Lower Upper
74 100
45 85.5 44.4 133.2





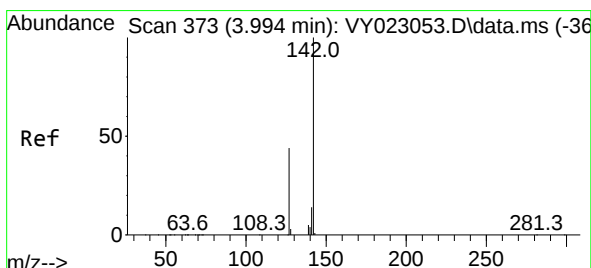
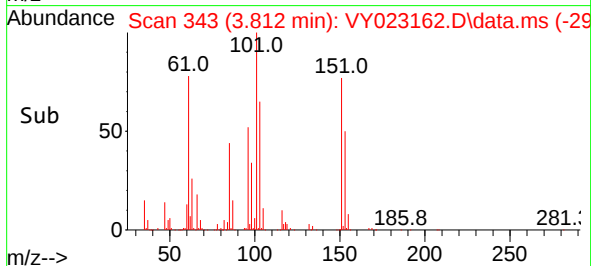
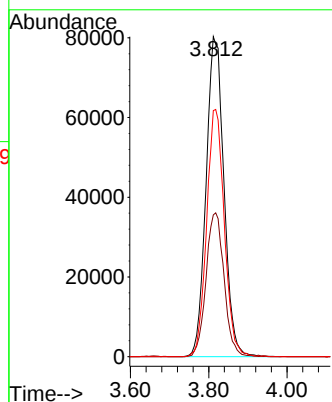
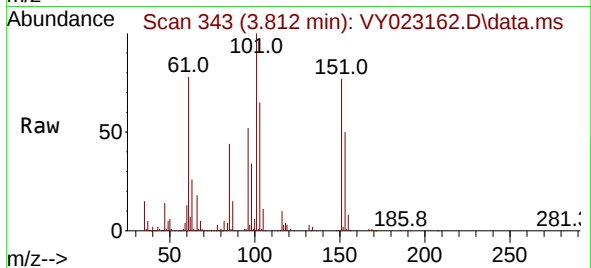
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.376 ug/l
RT: 3.812 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY023162.D
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Tgt Ion:101 Resp: 25382
Ion Ratio Lower Upper
101 100
85 45.4 36.3 54.5
151 76.4 61.5 92.3

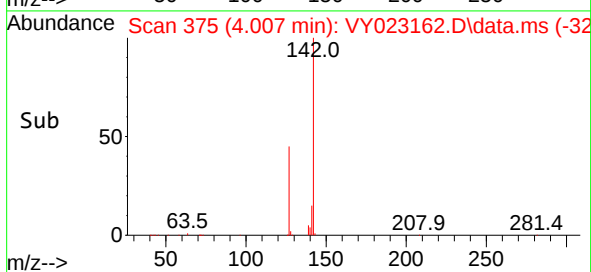
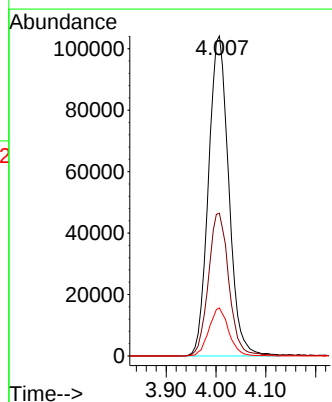
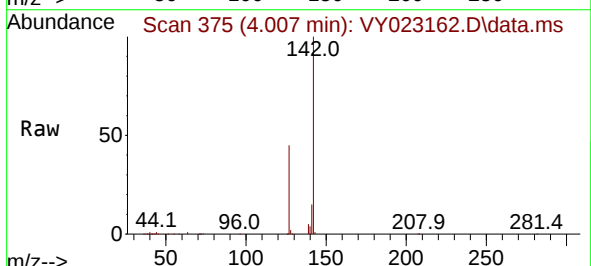
Manual Integrations
APPROVED

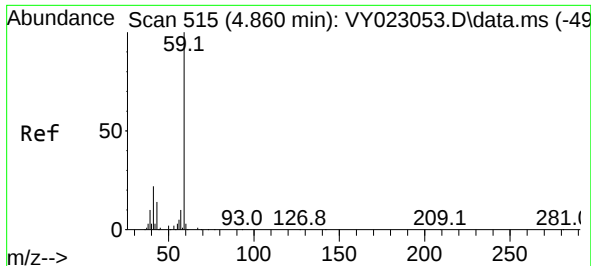
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#10
Methyl Iodide
Concen: 56.306 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

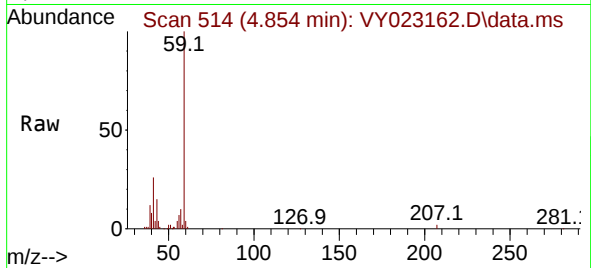
Tgt Ion:142 Resp: 294445
Ion Ratio Lower Upper
142 100
127 45.1 34.9 52.3
141 14.6 11.3 16.9





#11
Tert butyl alcohol
Concen: 213.827 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

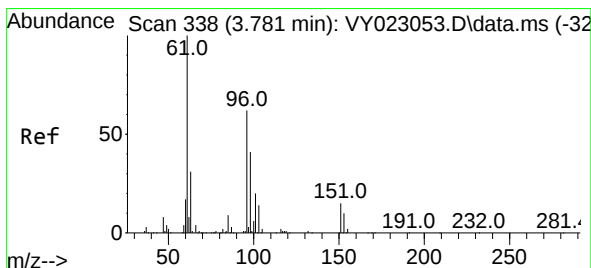
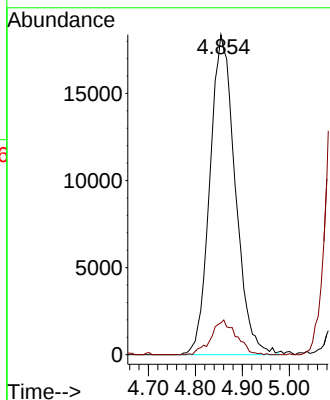
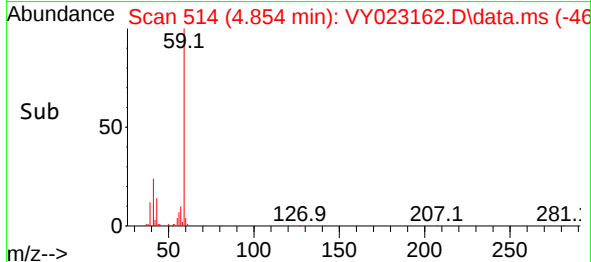
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



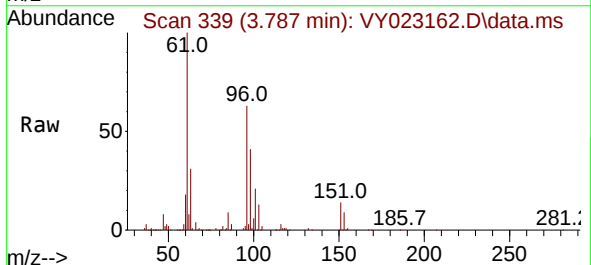
Tgt Ion: 59 Resp: 69024
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0

Manual Integrations
APPROVED

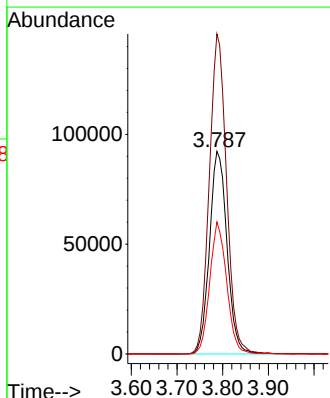
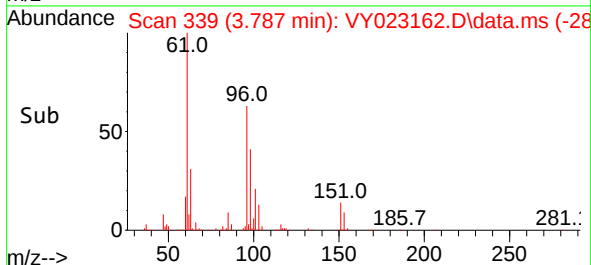
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#12
1,1-Dichloroethene
Concen: 51.758 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26



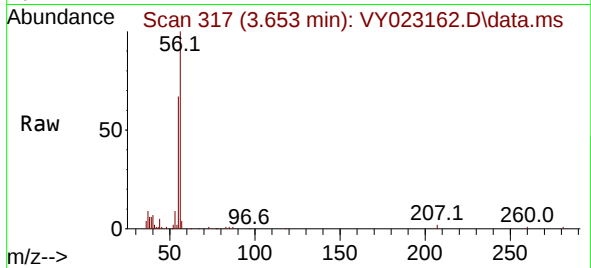
Tgt Ion: 96 Resp: 246545
Ion Ratio Lower Upper
96 100
61 158.0 129.4 194.2
98 65.2 52.8 79.2





#13
Acrolein
Concen: 106.054 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

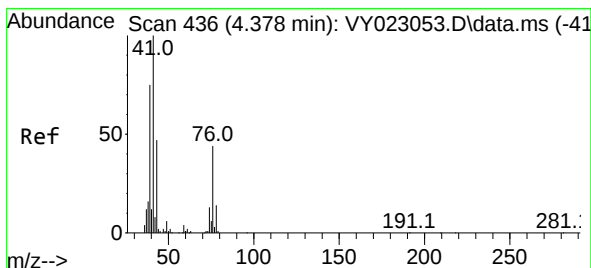
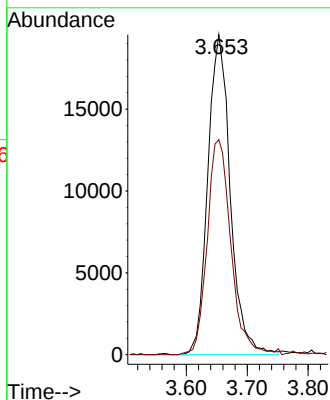
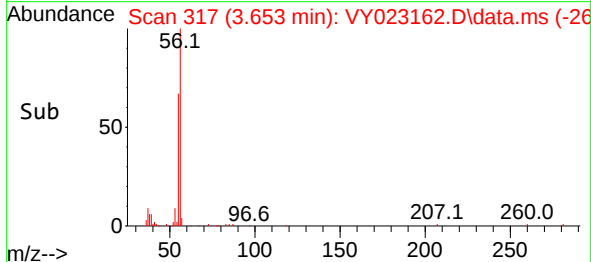
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



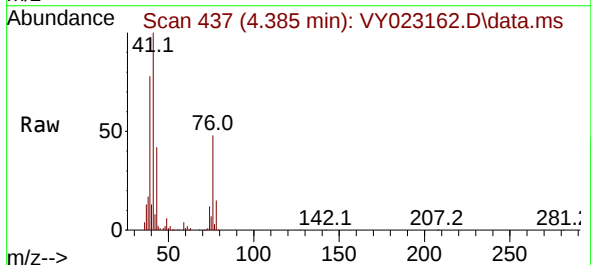
Tgt Ion: 56 Resp: 50137
Ion Ratio Lower Upper
56 100
55 70.8 55.2 82.8

Manual Integrations
APPROVED

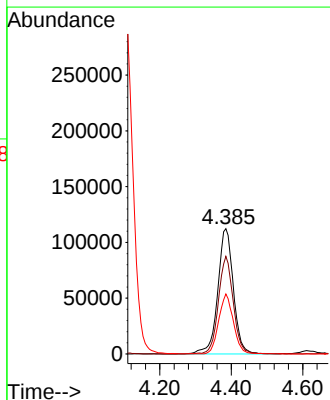
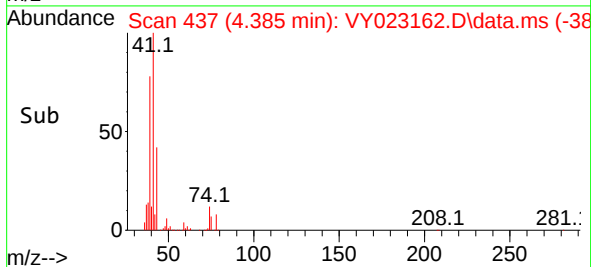
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025

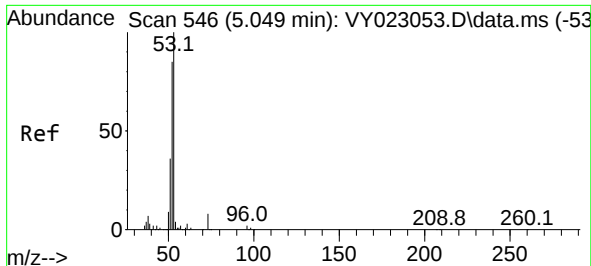


#14
Allyl chloride
Concen: 48.625 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26



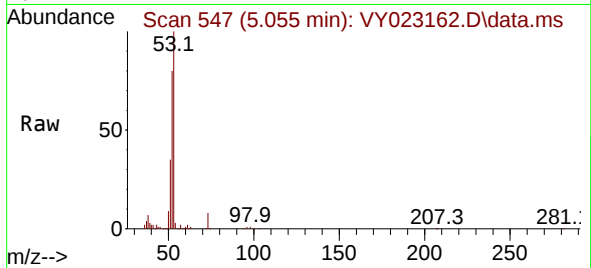
Tgt Ion: 41 Resp: 340817
Ion Ratio Lower Upper
41 100
39 74.0 59.8 89.6
76 44.6 33.7 50.5





#15
Acrylonitrile
Concen: 243.666 ug/l
RT: 5.055 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

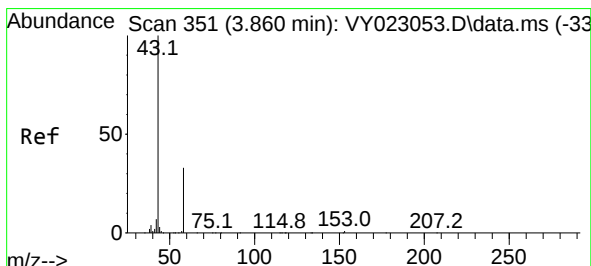
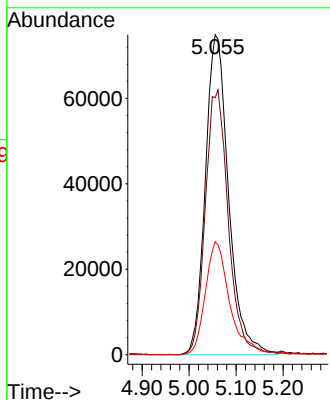
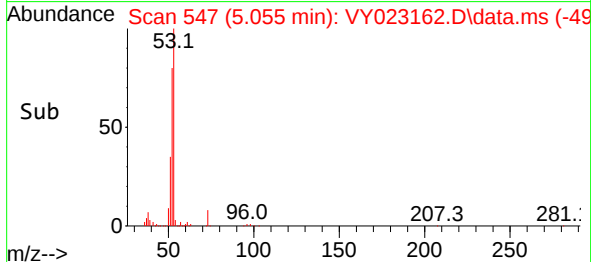
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



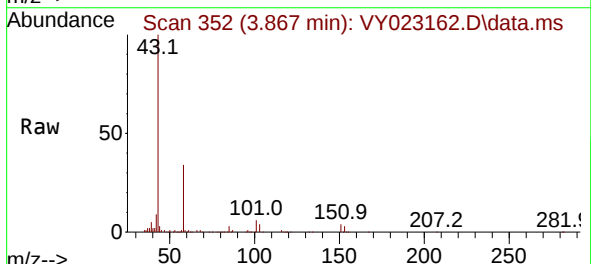
Tgt Ion: 53 Resp: 257449
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 37.0 29.5 44.3

Manual Integrations
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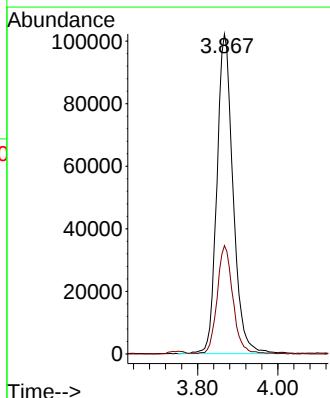
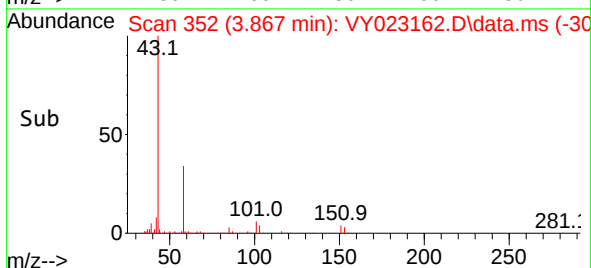
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#16
Acetone
Concen: 279.613 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26



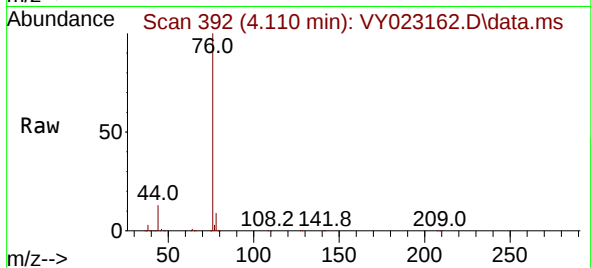
Tgt Ion: 43 Resp: 285386
Ion Ratio Lower Upper
43 100
58 33.8 27.1 40.7





#17
Carbon Disulfide
Concen: 49.914 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

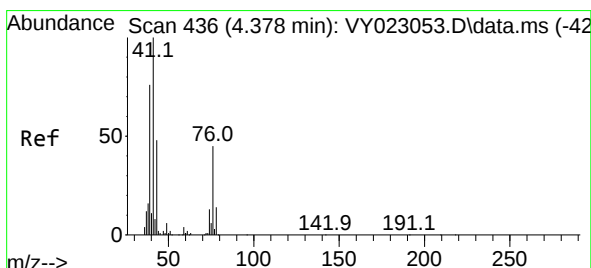
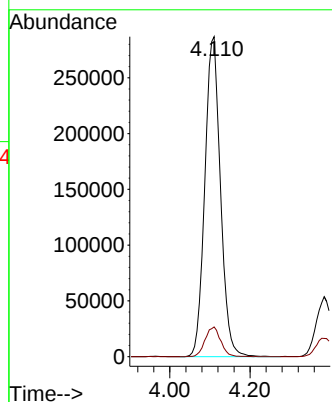
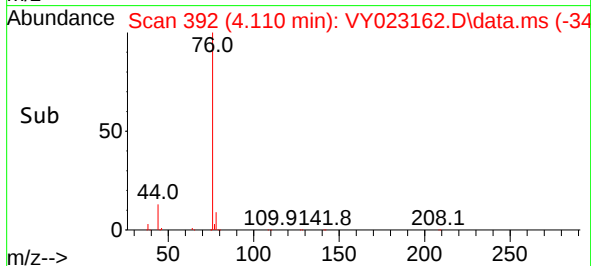
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



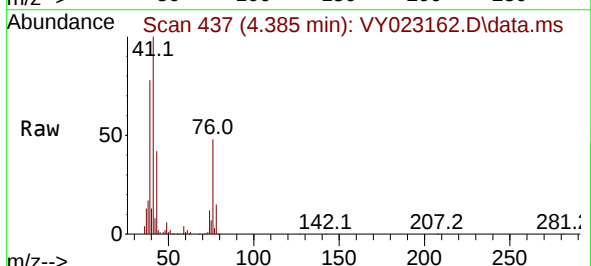
Tgt Ion: 76 Resp: 77525
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

Manual Integrations
APPROVED

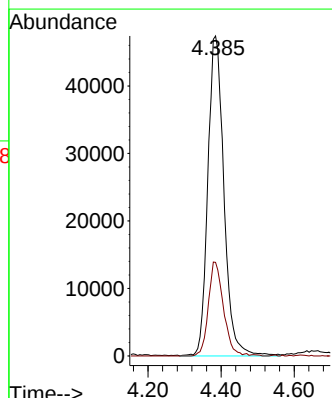
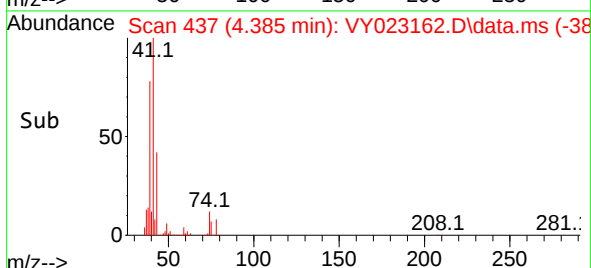
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025

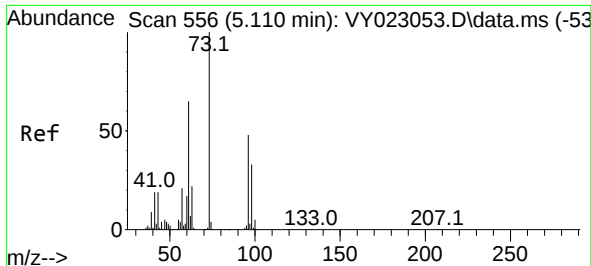


#18
Methyl Acetate
Concen: 47.585 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26



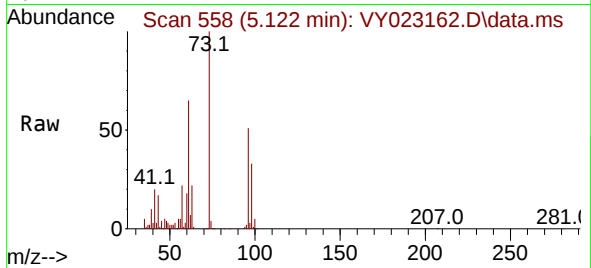
Tgt Ion: 43 Resp: 144528
Ion Ratio Lower Upper
43 100
74 27.5 21.2 31.8





#19
Methyl tert-butyl Ether
Concen: 48.982 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

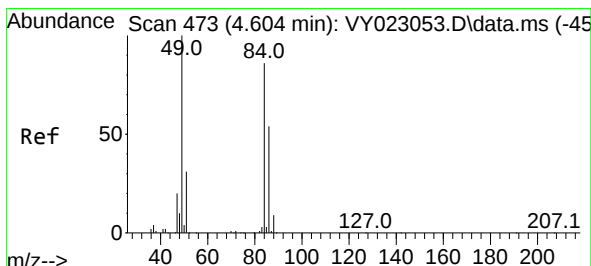
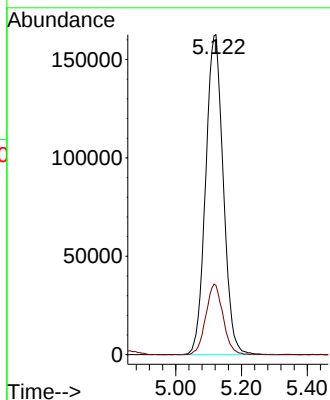
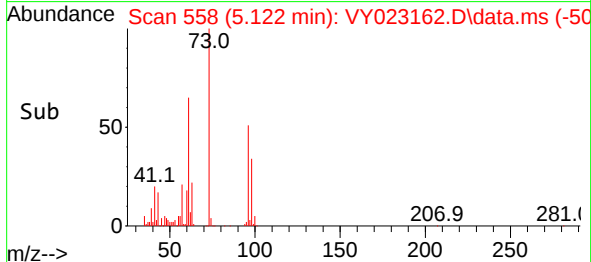
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



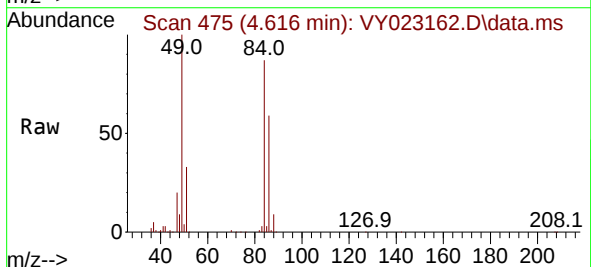
Tgt Ion: 73 Resp: 60460
Ion Ratio Lower Upper
73 100
57 21.7 17.1 25.7

Manual Integrations
APPROVED

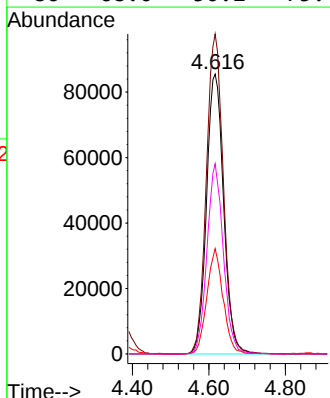
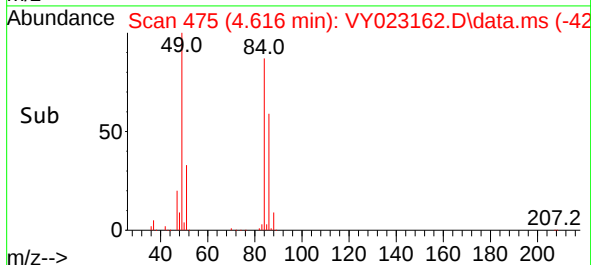
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025

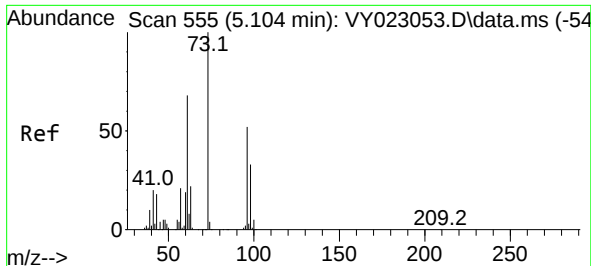


#20
Methylene Chloride
Concen: 49.996 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26



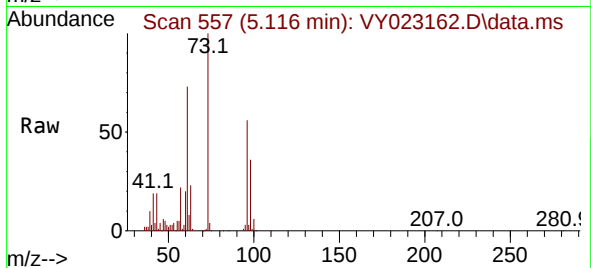
Tgt Ion: 84 Resp: 265161
Ion Ratio Lower Upper
84 100
49 114.4 93.0 139.6
51 37.7 29.0 43.4
86 68.0 50.2 75.4





#21
trans-1,2-Dichloroethene
Concen: 52.823 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

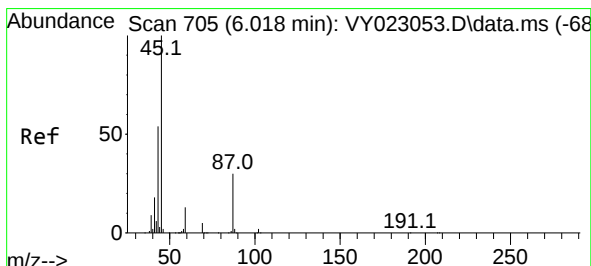
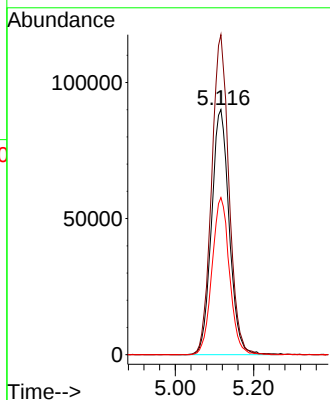
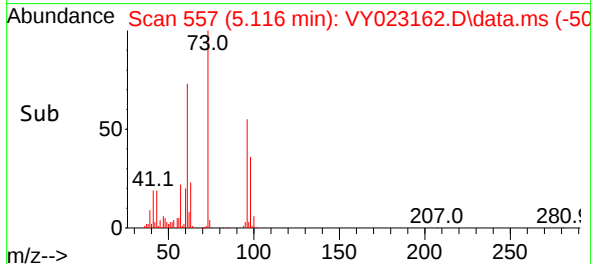
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 282768
Ion Ratio Lower Upper
96 100
61 130.5 104.8 157.2
98 64.1 50.1 75.1

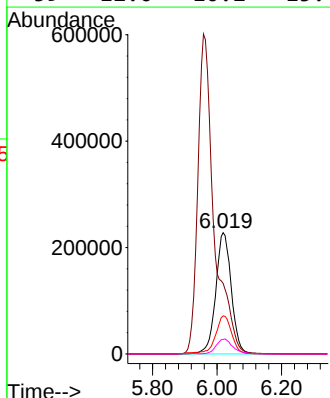
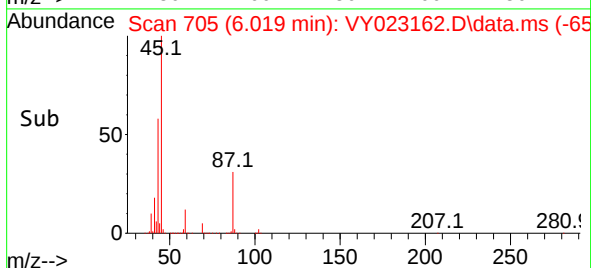
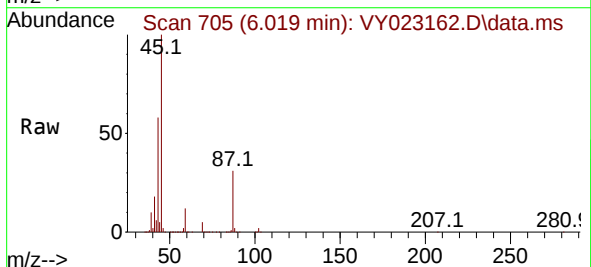
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#22
Diisopropyl ether
Concen: 50.087 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

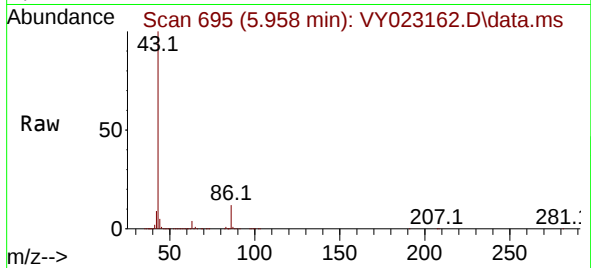
Tgt Ion: 45 Resp: 762865
Ion Ratio Lower Upper
45 100
43 58.2 43.4 65.0
87 31.3 24.4 36.6
59 12.0 10.2 15.4





#23
 Vinyl Acetate
 Concen: 249.506 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY023162.D
 Acq: 20 Aug 2025 09:26

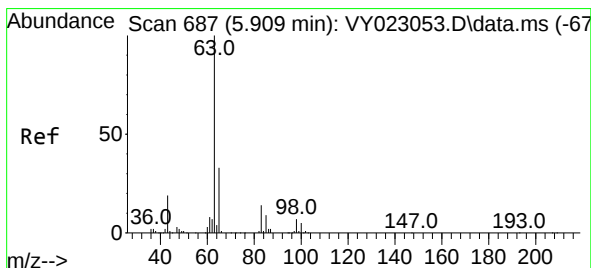
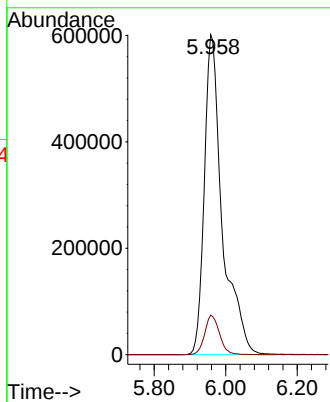
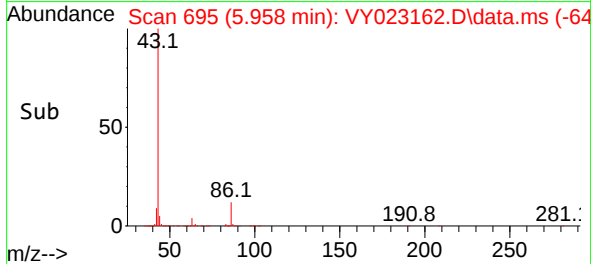
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



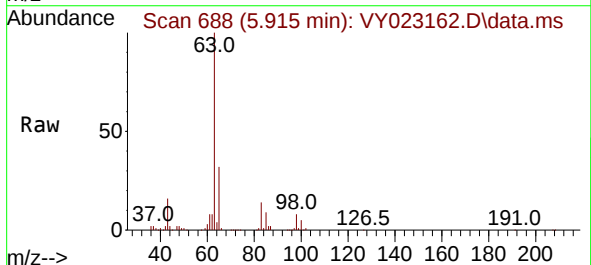
Tgt Ion: 43 Resp: 2101300
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.6 14.4

Manual Integrations
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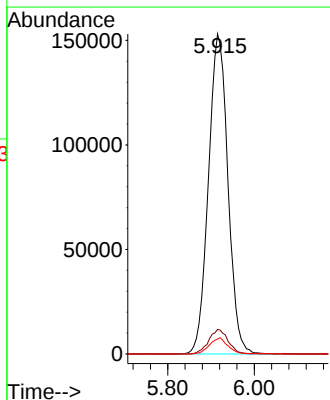
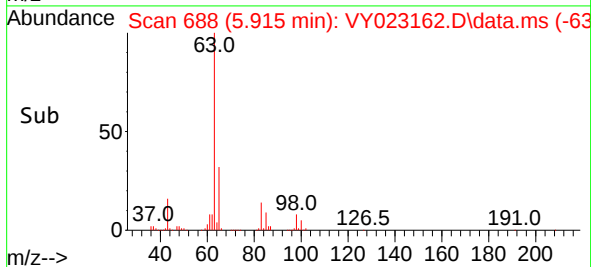
Reviewed By :Mahesh Dadoda 08/22/2025
 Supervised By :Semsettin Yesilyurt 08/22/2025



#24
 1,1-Dichloroethane
 Concen: 51.381 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023162.D
 Acq: 20 Aug 2025 09:26



Tgt Ion: 63 Resp: 478452
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.6
 100 4.7 2.4 7.1





#25

2-Butanone

Concen: 251.618 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 349270

Ion Ratio Lower Upper

43 100

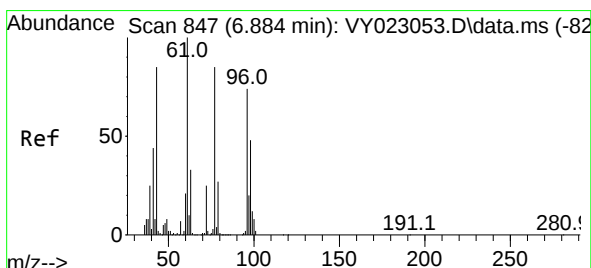
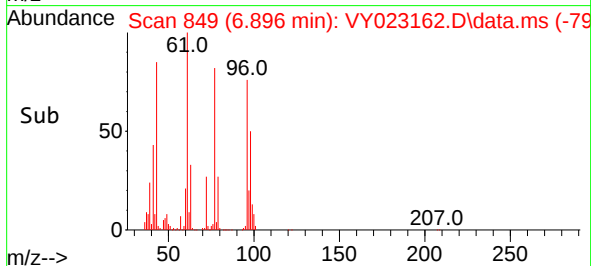
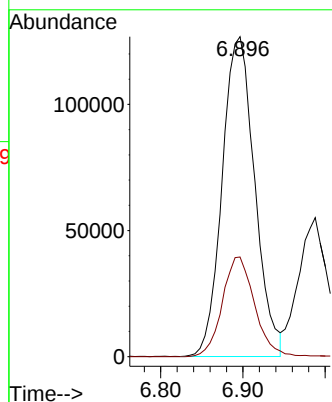
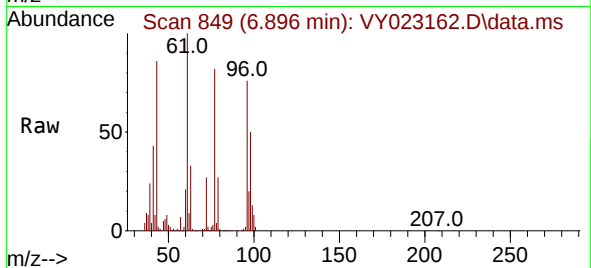
72 31.1 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025

Supervised By :Semsettin Yesilyurt 08/22/2025



#26

2,2-Dichloropropane

Concen: 53.345 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023162.D

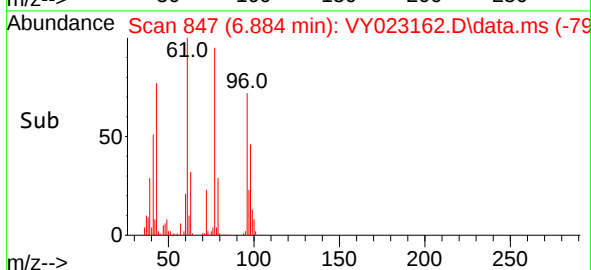
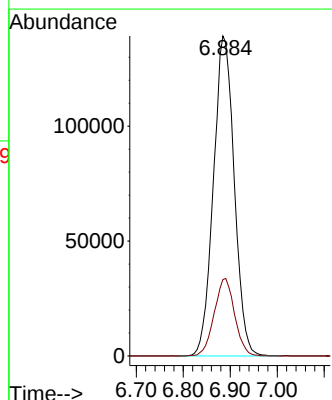
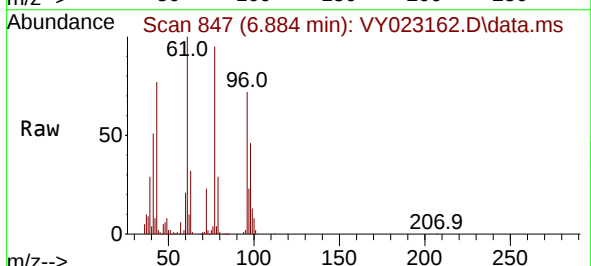
Acq: 20 Aug 2025 09:26

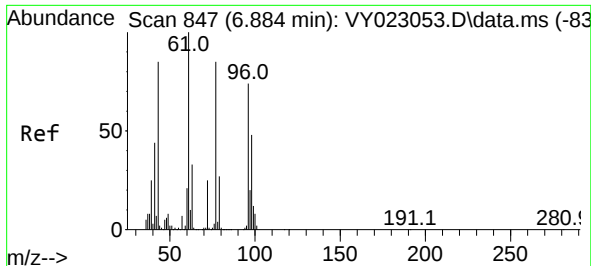
Tgt Ion: 77 Resp: 428627

Ion Ratio Lower Upper

77 100

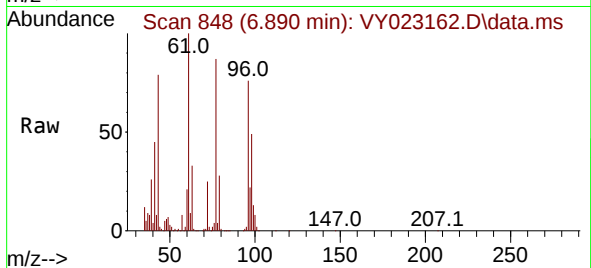
97 23.8 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 52.163 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY023162.D
 Acq: 20 Aug 2025 09:26

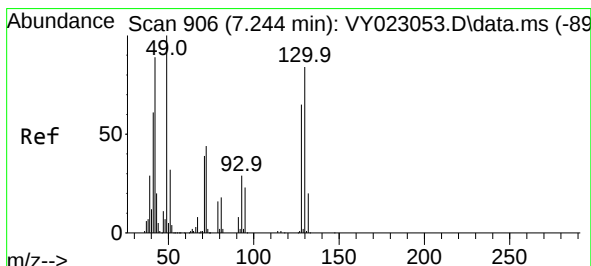
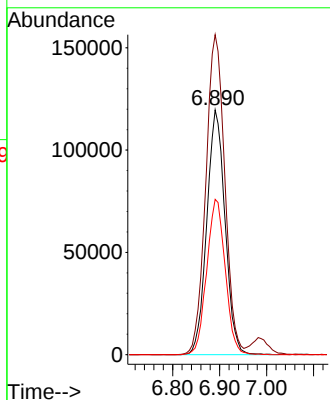
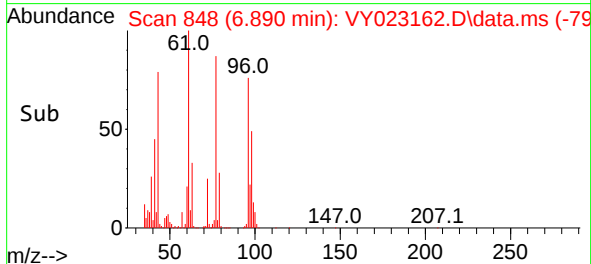
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



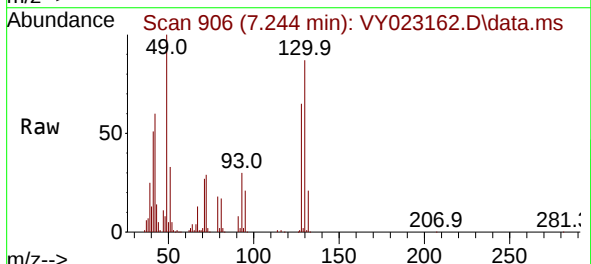
Tgt Ion: 96 Resp: 322809
 Ion Ratio Lower Upper
 96 100
 61 135.8 0.0 278.6
 98 64.4 0.0 130.4

Manual Integrations
 APPROVED

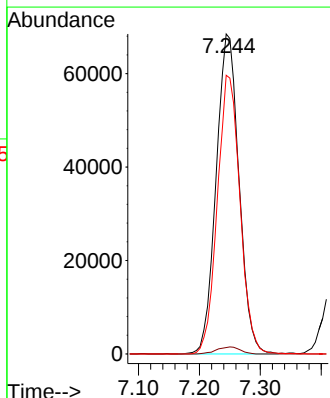
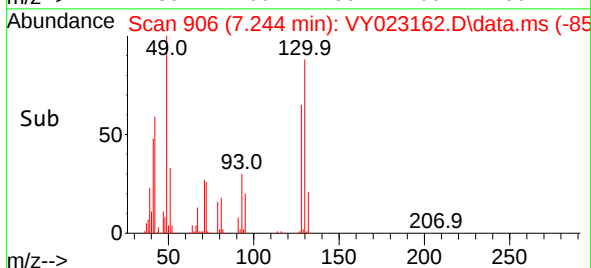
Reviewed By :Mahesh Dadoda 08/22/2025
 Supervised By :Semsettin Yesilyurt 08/22/2025



#28
 Bromochloromethane
 Concen: 48.277 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY023162.D
 Acq: 20 Aug 2025 09:26



Tgt Ion: 49 Resp: 178354
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 86.3 66.4 99.6





#29

Tetrahydrofuran

Concen: 240.643 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023162.D

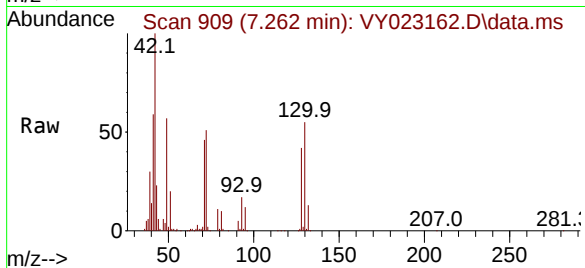
Acq: 20 Aug 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

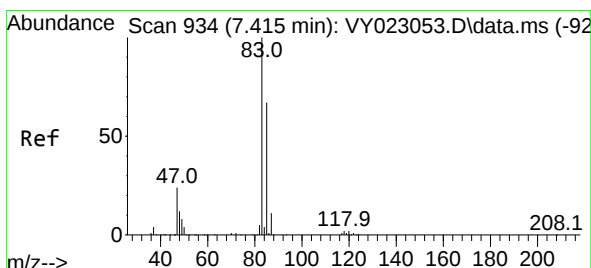
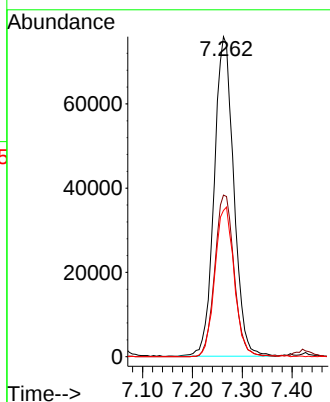
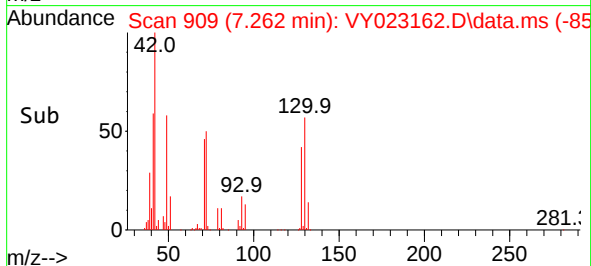


Tgt Ion:	42	Resp:	20705
Ion Ratio	100	Lower	Upper
42	100		
72	49.9	39.4	59.2
71	46.4	36.5	54.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#30

Chloroform

Concen: 52.249 ug/l

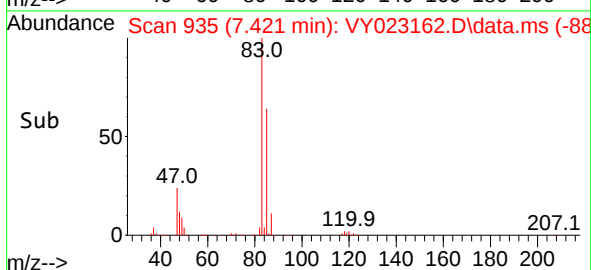
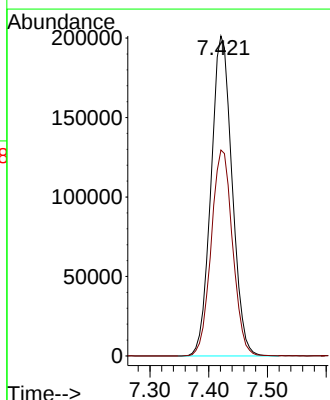
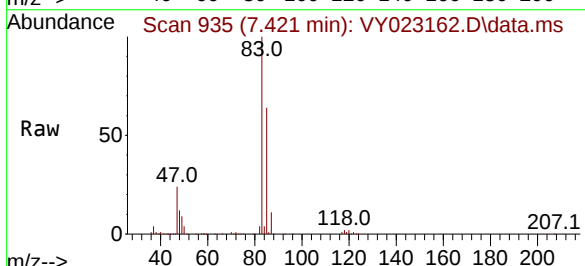
RT: 7.421 min Scan# 935

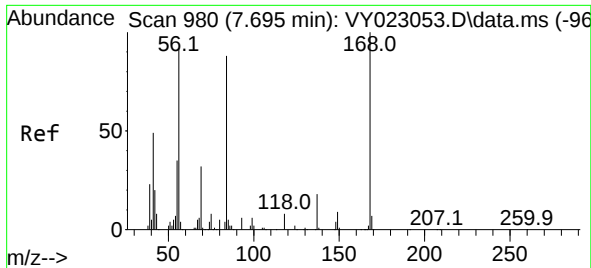
Delta R.T. 0.006 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

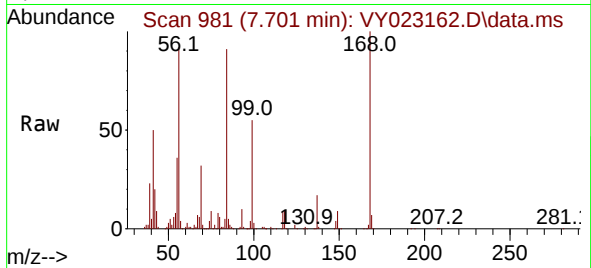
Tgt Ion:	83	Resp:	501780
Ion Ratio	100	Lower	Upper
83	100		
85	64.3	53.8	80.8





#31
Cyclohexane
Concen: 48.716 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

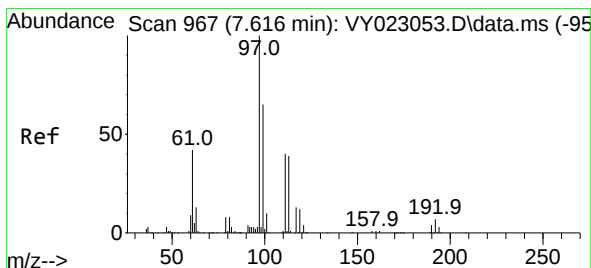
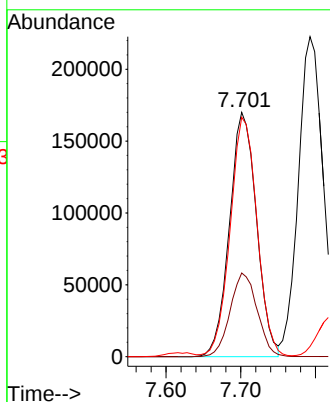
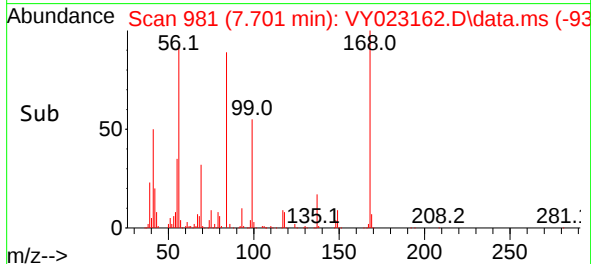
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 42748
Ion Ratio Lower Upper
56 100
69 34.2 28.2 42.2
84 96.3 76.6 114.8

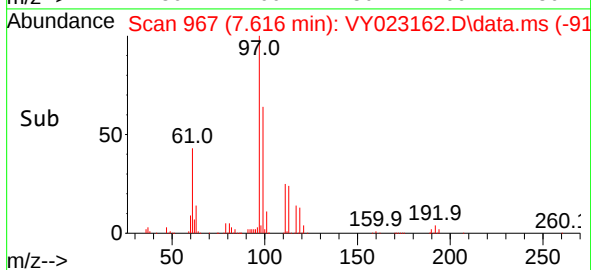
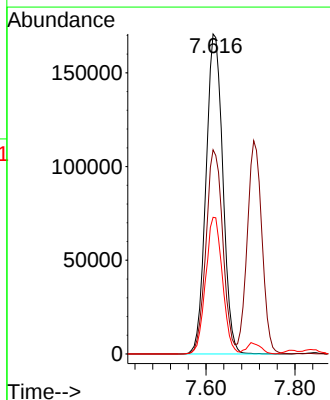
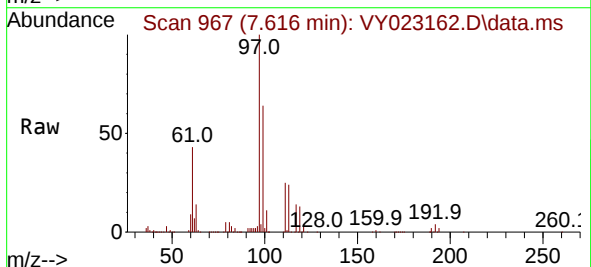
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#32
1,1,1-Trichloroethane
Concen: 52.762 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

Tgt Ion: 97 Resp: 449604
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 42.6 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 46.072 ug/l

RT: 8.061 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 217050

Ion Ratio Lower Upper

65 100

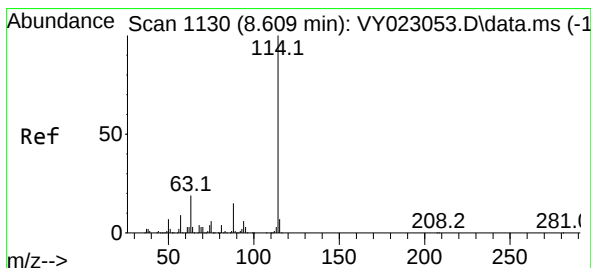
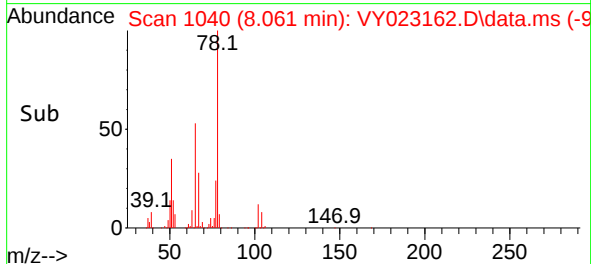
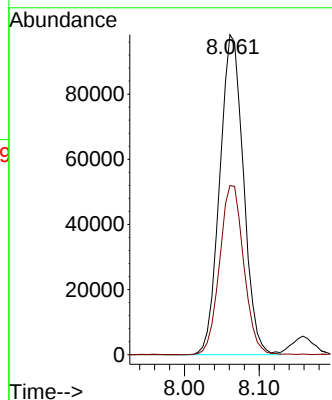
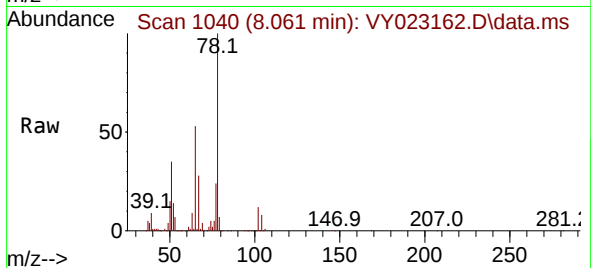
67 53.9 0.0 106.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025

Supervised By :Semsettin Yesilyurt 08/22/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

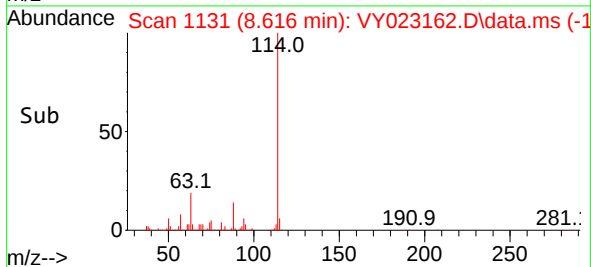
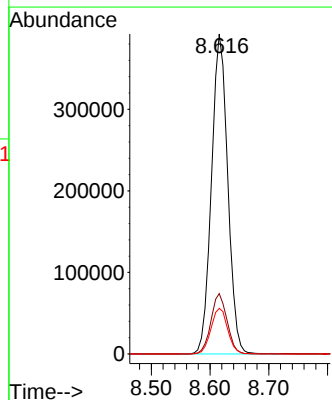
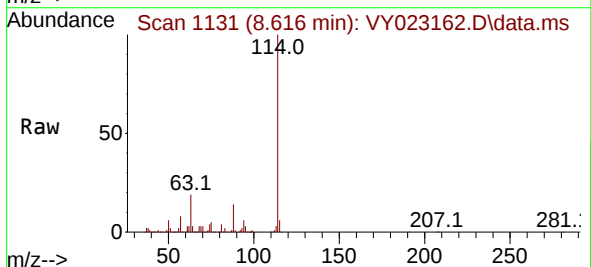
Tgt Ion:114 Resp: 753839

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

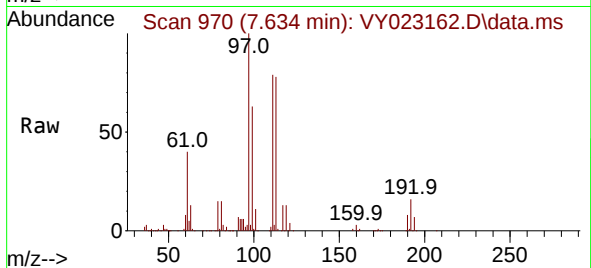
88 14.3 0.0 30.0





#35
Dibromofluoromethane
Concen: 50.283 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

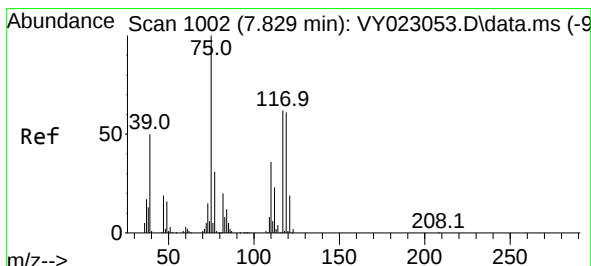
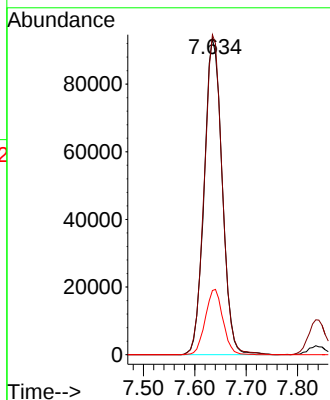
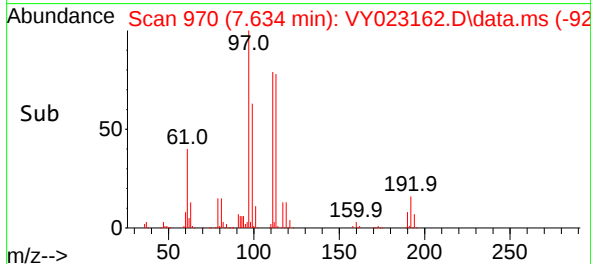
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 226814
Ion Ratio Lower Upper
113 100
111 100.7 81.1 121.7
192 20.3 16.2 24.4

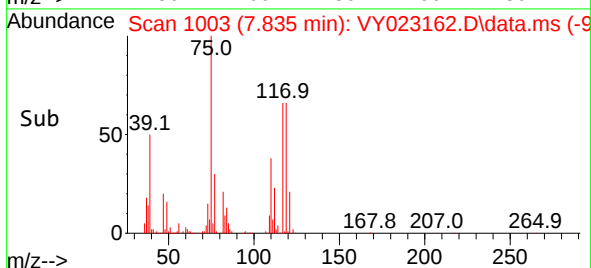
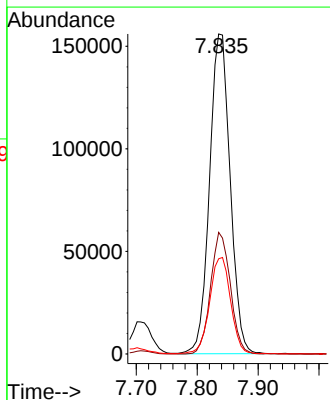
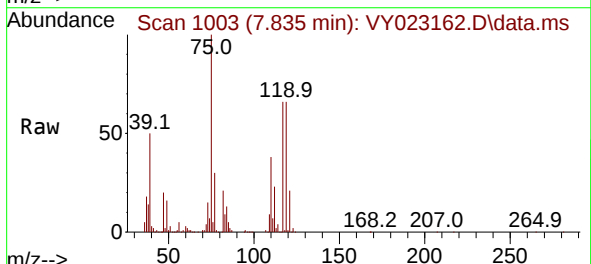
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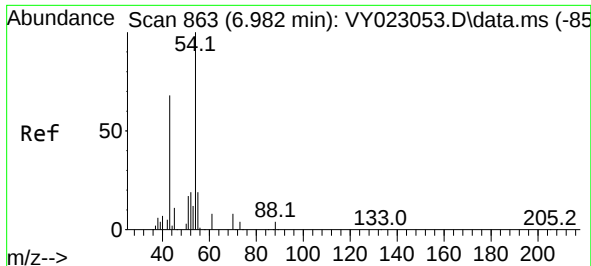
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#36
1,1-Dichloropropene
Concen: 54.676 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

Tgt Ion: 75 Resp: 366529
Ion Ratio Lower Upper
75 100
110 36.5 18.1 54.4
77 30.6 24.6 37.0





#37

Ethyl Acetate

Concen: 51.218 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023162.D

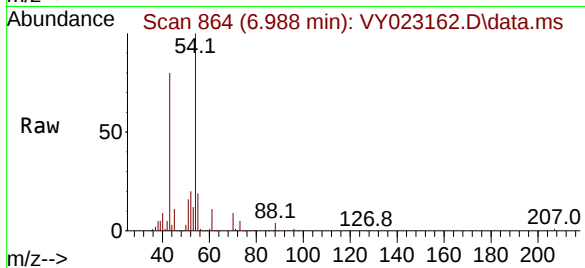
Acq: 20 Aug 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 144228

Ion Ratio Lower Upper

43 100

61 14.5 11.9 17.9

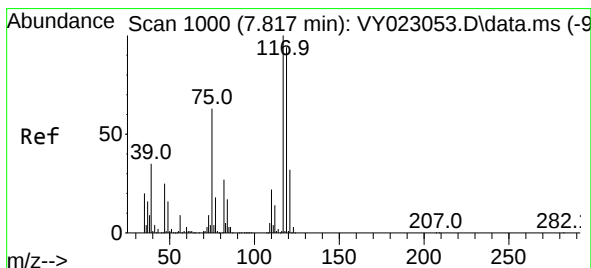
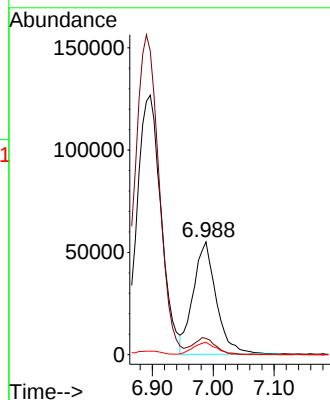
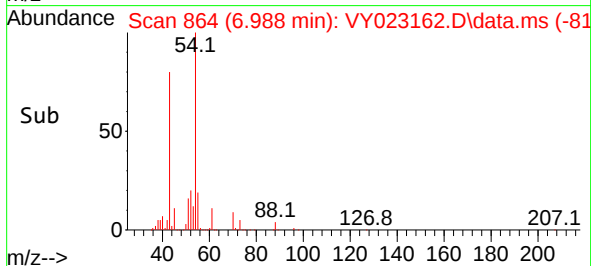
70 11.2 8.8 13.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/22/2025

Supervised By :Semsettin Yesilyurt 08/22/2025



#38

Carbon Tetrachloride

Concen: 55.813 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

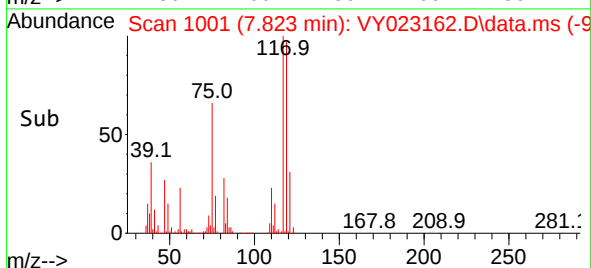
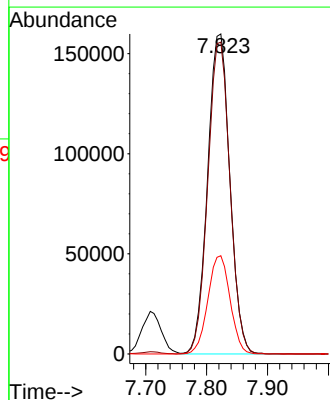
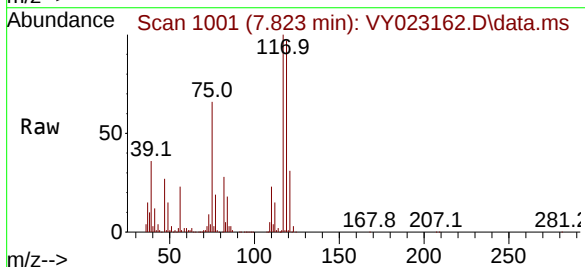
Tgt Ion:117 Resp: 406373

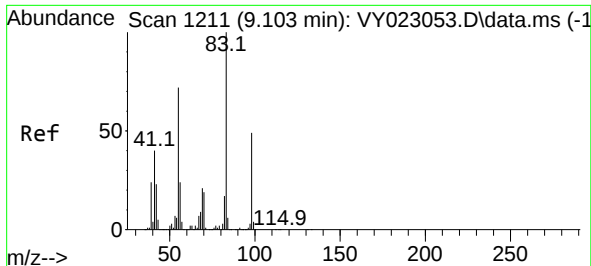
Ion Ratio Lower Upper

117 100

119 97.4 75.6 113.4

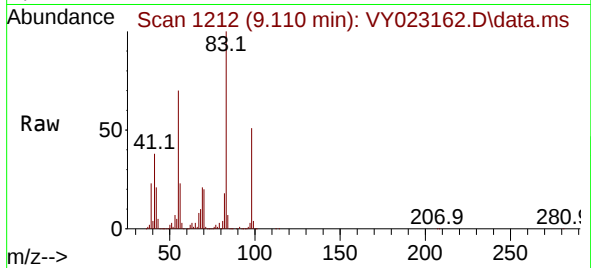
121 30.7 25.8 38.8





#39
Methylcyclohexane
Concen: 54.623 ug/l
RT: 9.110 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

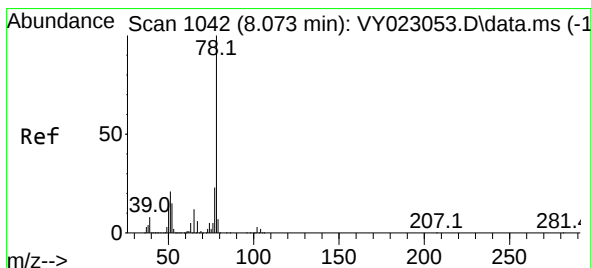
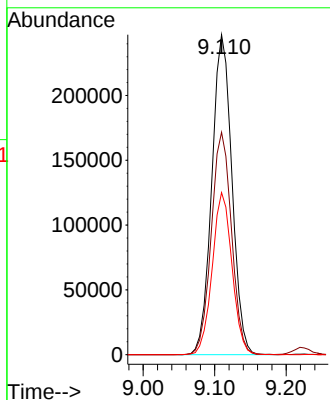
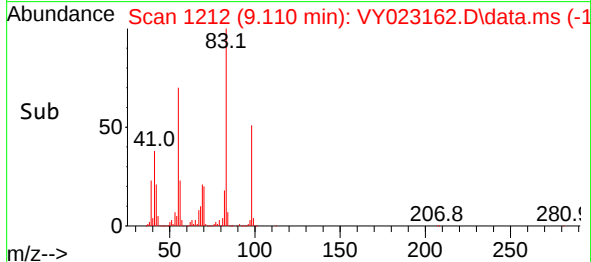
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



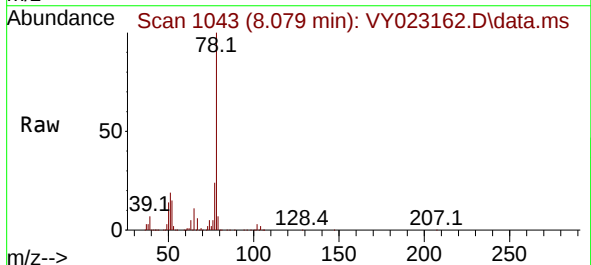
Tgt Ion: 83 Resp: 482198
Ion Ratio Lower Upper
83 100
55 69.5 57.6 86.4
98 50.6 39.2 58.8

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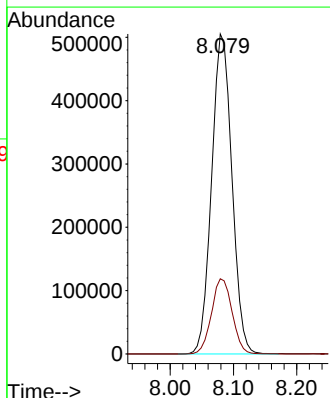
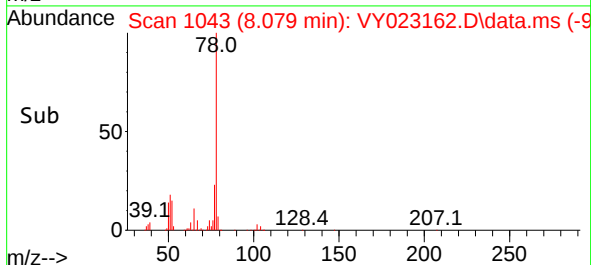
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#40
Benzene
Concen: 54.539 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26



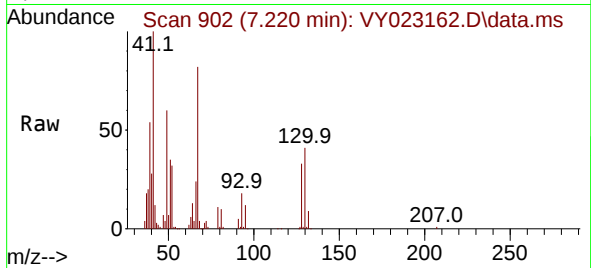
Tgt Ion: 78 Resp: 1126859
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0





#41
Methacrylonitrile
Concen: 52.092 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

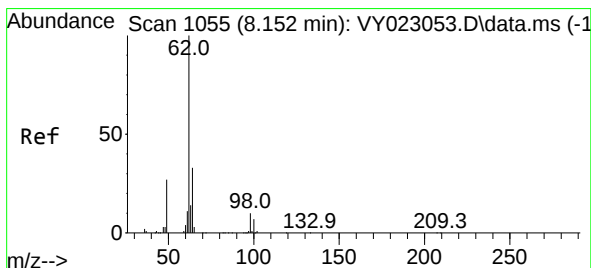
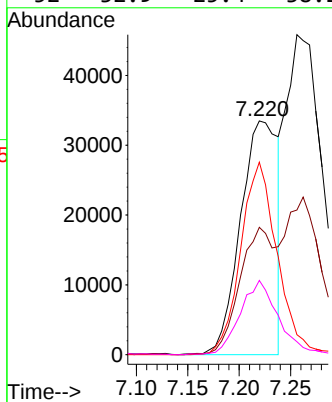
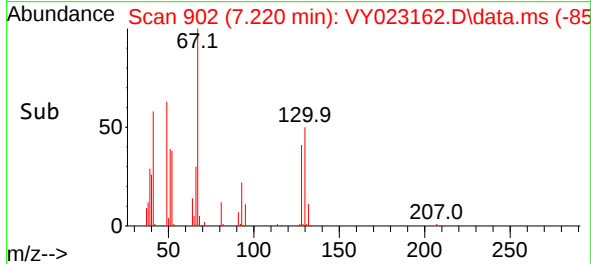
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 84658
Ion Ratio Lower Upper
41 100
39 46.7 43.4 65.2
67 80.4 63.6 95.4
52 32.9 25.4 38.2

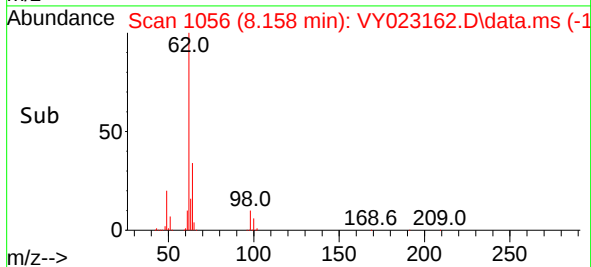
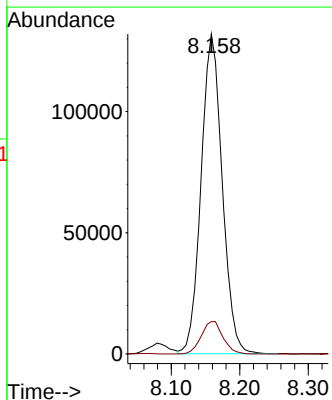
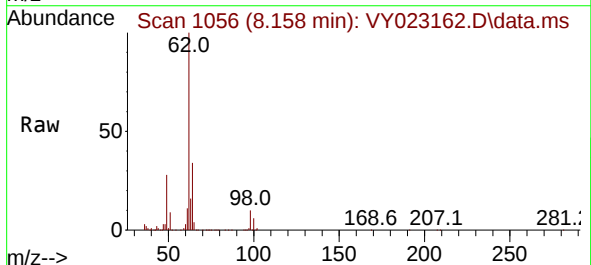
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#42
1,2-Dichloroethane
Concen: 52.655 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

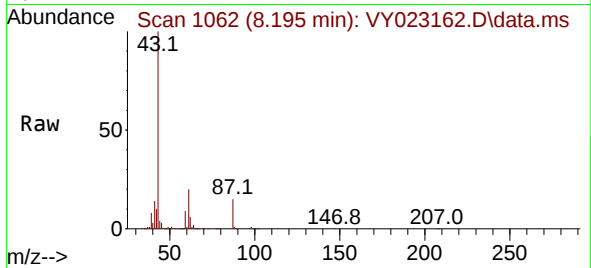
Tgt Ion: 62 Resp: 282946
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.6





#43
Isopropyl Acetate
Concen: 49.946 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

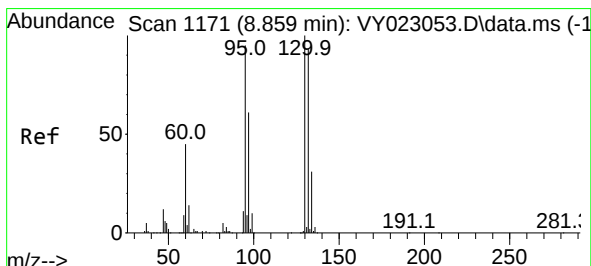
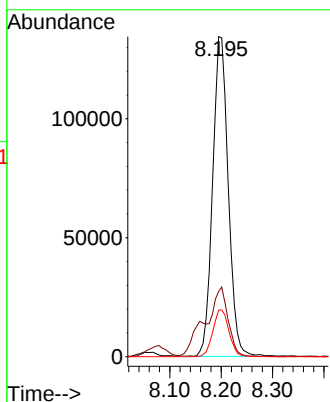
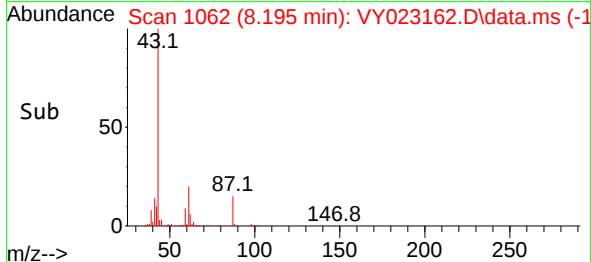
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



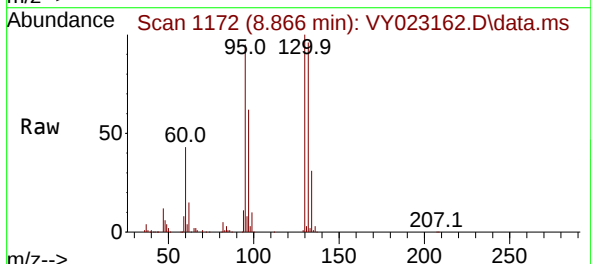
Tgt Ion: 43 Resp: 284274
Ion Ratio Lower Upper
43 100
61 21.9 16.4 24.6
87 15.1 11.8 17.6

Manual Integrations
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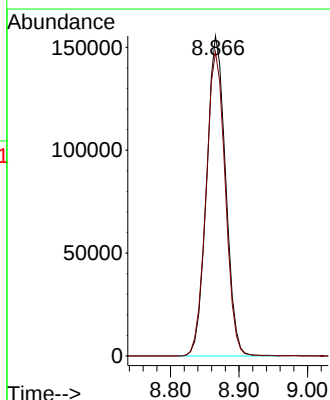
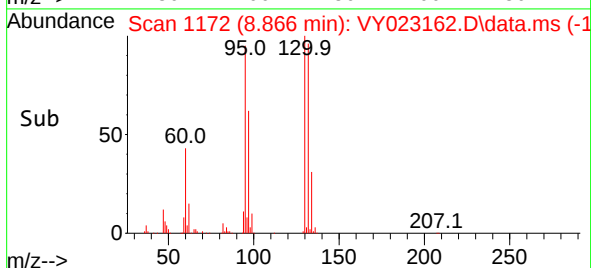
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#44
Trichloroethene
Concen: 56.055 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26



Tgt Ion:130 Resp: 299298
Ion Ratio Lower Upper
130 100
95 95.0 0.0 190.2





#45

1,2-Dichloropropane

Concen: 53.114 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 25250

Ion Ratio Lower Upper

63 100

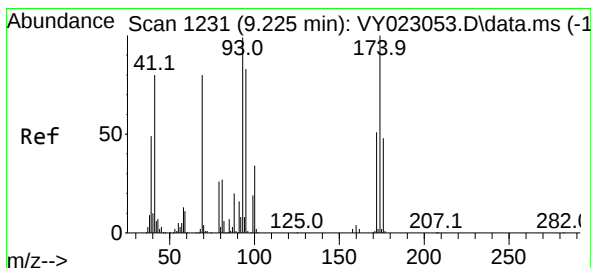
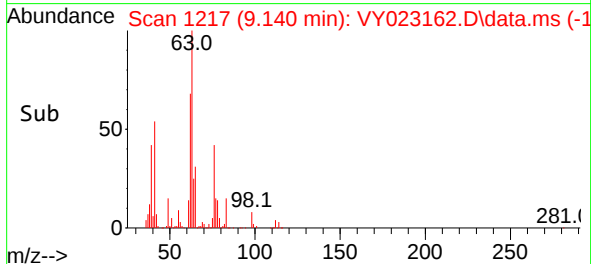
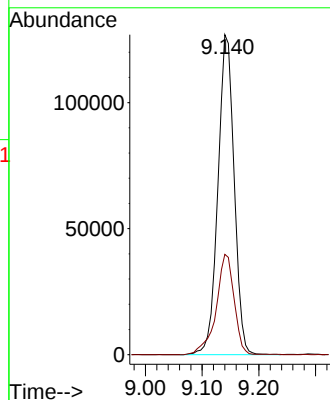
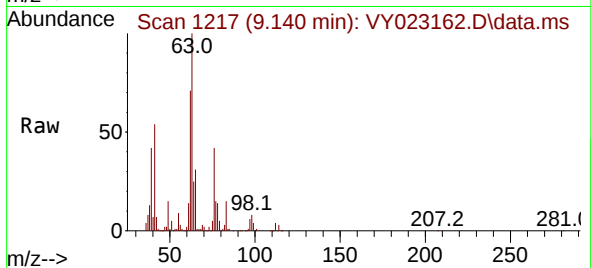
65 31.4 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025

Supervised By :Semsettin Yesilyurt 08/22/2025



#46

Dibromomethane

Concen: 54.236 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

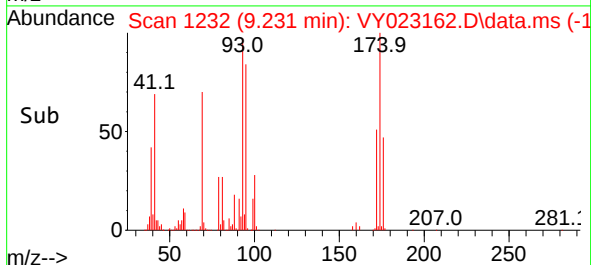
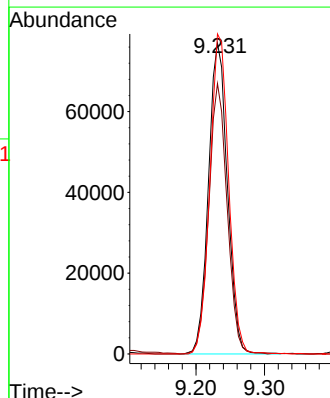
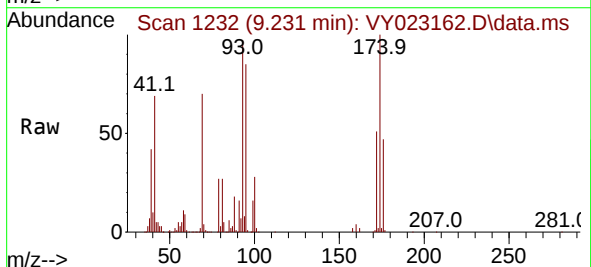
Tgt Ion: 93 Resp: 147989

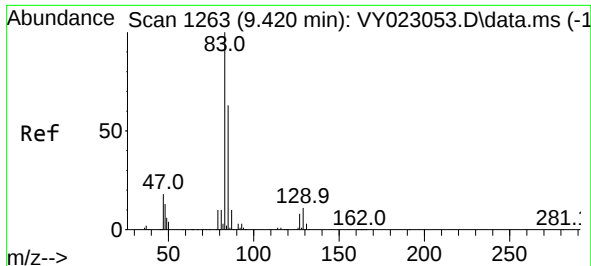
Ion Ratio Lower Upper

93 100

95 84.5 66.5 99.7

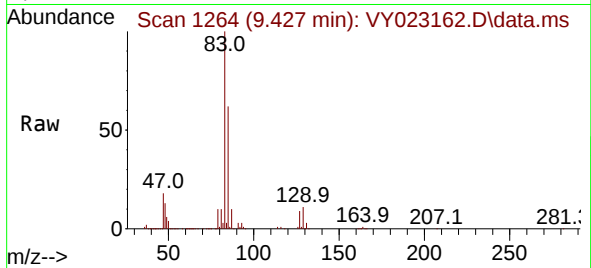
174 101.9 81.8 122.8





#47
Bromodichloromethane
Concen: 54.618 ug/l
RT: 9.427 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

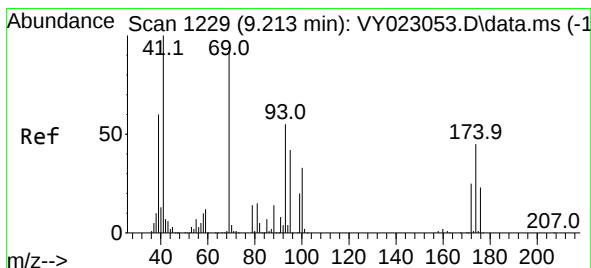
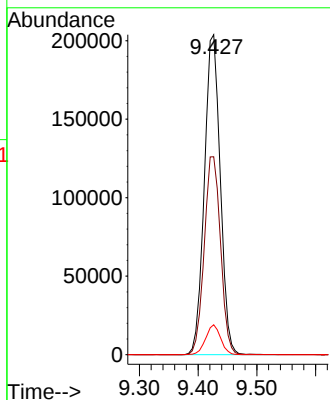
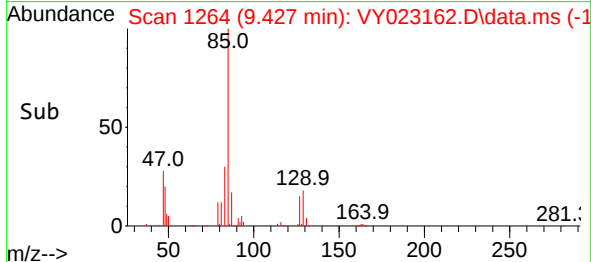
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



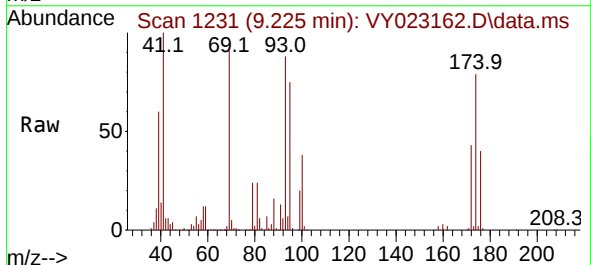
Tgt Ion: 83 Resp: 38348
Ion Ratio Lower Upper
83 100
85 61.8 50.2 75.4
127 9.3 6.6 10.0

Manual Integrations
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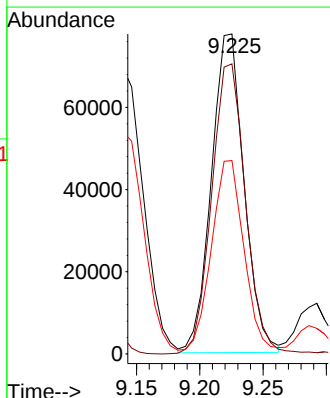
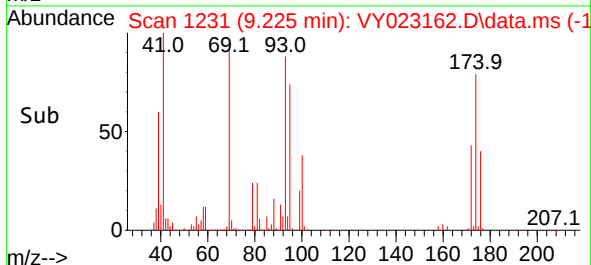
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025

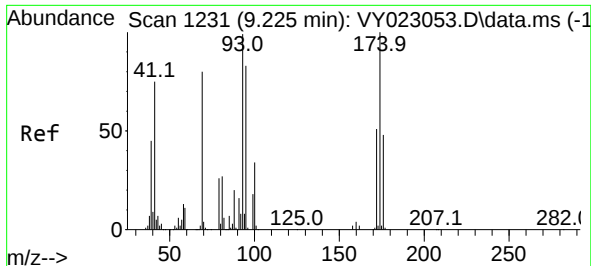


#48
Methyl methacrylate
Concen: 51.164 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26



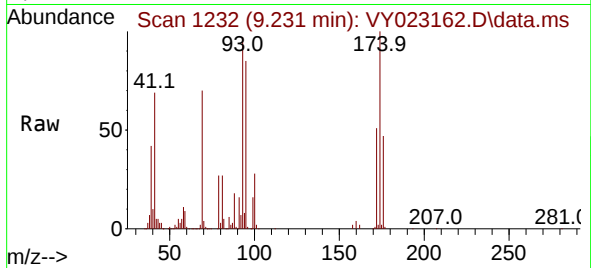
Tgt Ion: 41 Resp: 139348
Ion Ratio Lower Upper
41 100
69 94.2 73.2 109.8
39 58.8 47.0 70.4





#49
1,4-Dioxane
Concen: 996.184 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

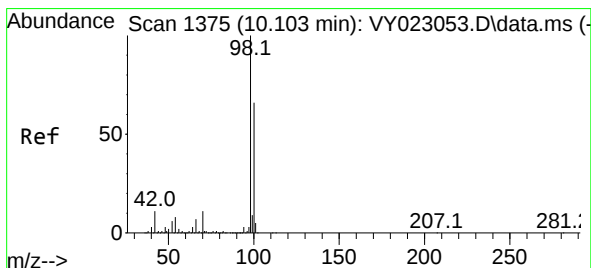
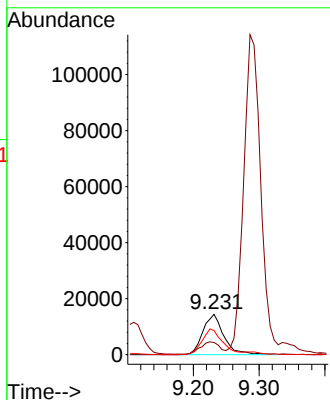
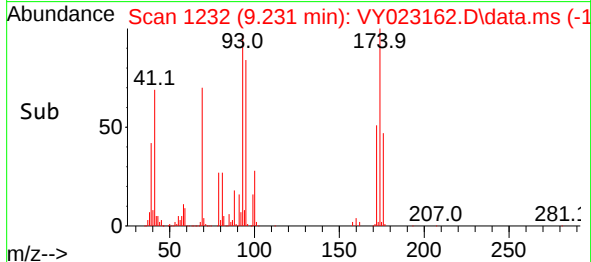
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



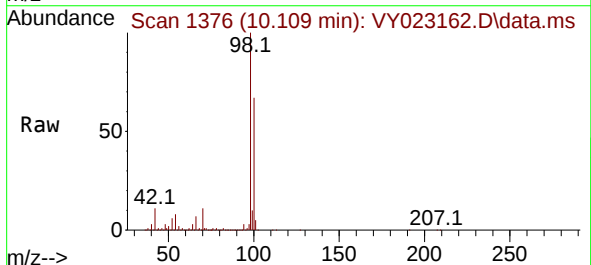
Tgt Ion: 88 Resp: 31872
Ion Ratio Lower Upper
88 100
43 27.8 24.3 36.5
58 62.7 55.4 83.0

Manual Integrations
APPROVED

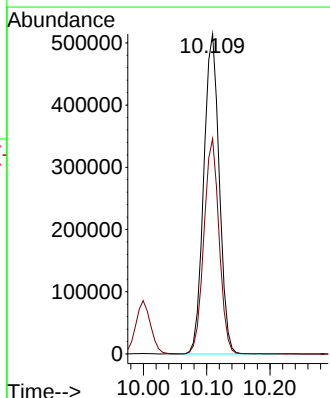
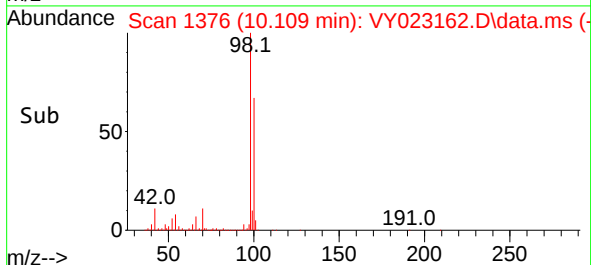
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#50
Toluene-d8
Concen: 49.757 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26



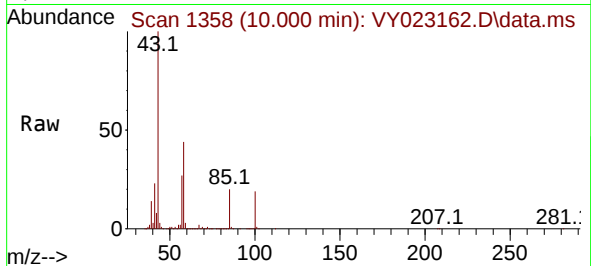
Tgt Ion: 98 Resp: 876788
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5





#51
4-Methyl-2-Pentanone
Concen: 256.697 ug/l
RT: 10.000 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

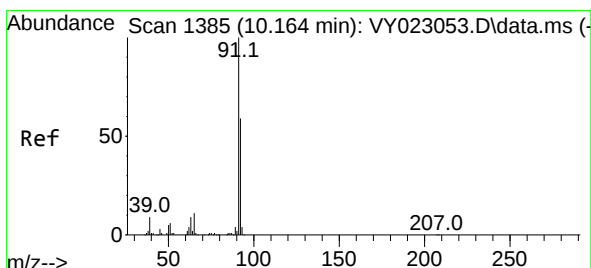
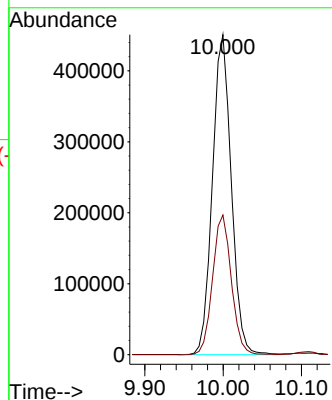
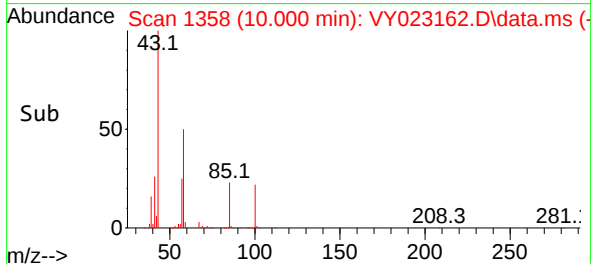
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



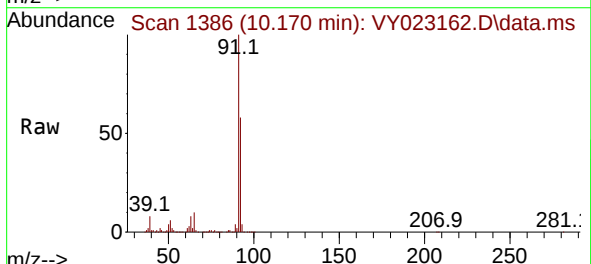
Tgt Ion: 43 Resp: 753630
Ion Ratio Lower Upper
43 100
58 43.4 33.5 50.3

Manual Integrations
APPROVED

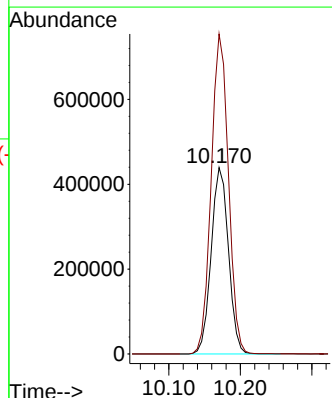
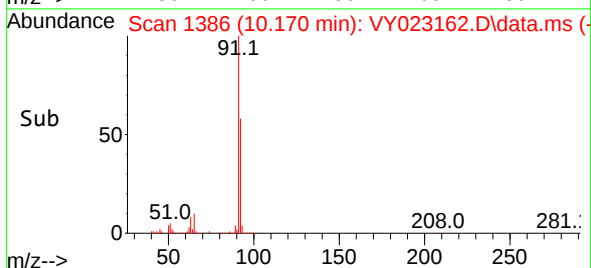
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025

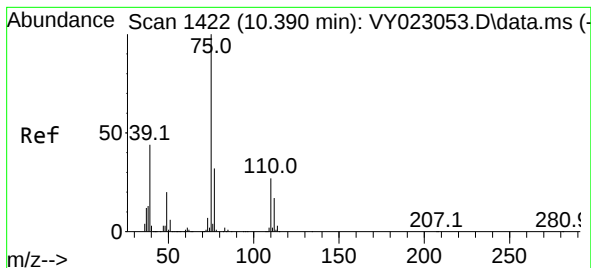


#52
Toluene
Concen: 56.116 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26



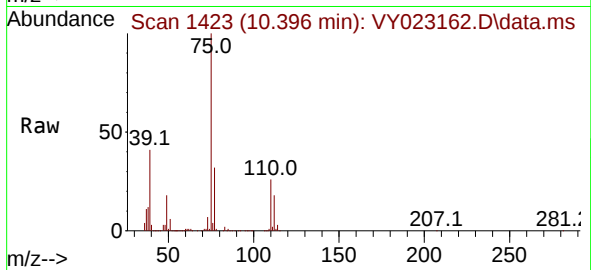
Tgt Ion: 92 Resp: 736387
Ion Ratio Lower Upper
92 100
91 171.6 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 53.540 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

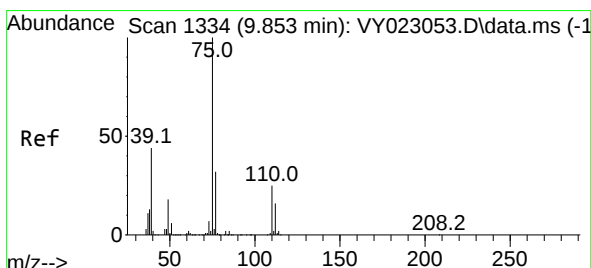
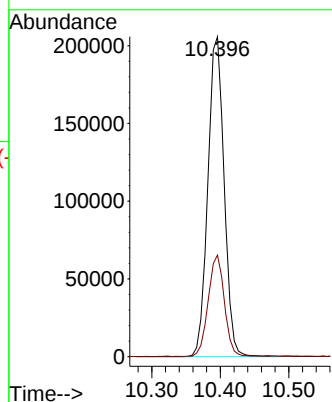
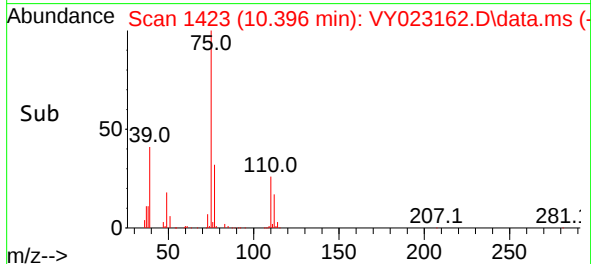
Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050



Tgt Ion: 75 Resp: 340402
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5

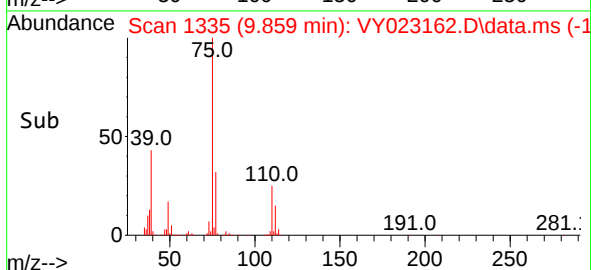
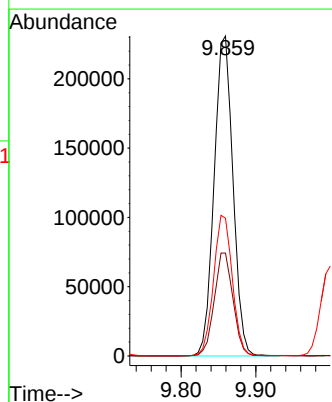
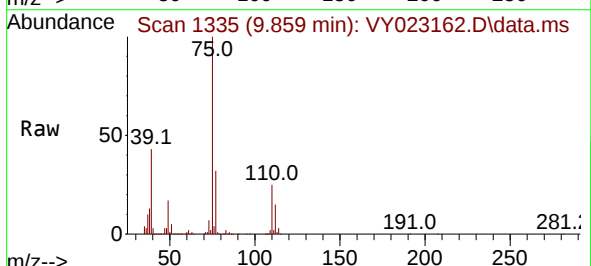
Manual Integrations
APPROVED

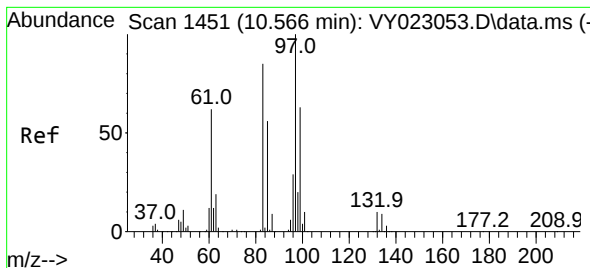
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#54
cis-1,3-Dichloropropene
Concen: 53.872 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

Tgt Ion: 75 Resp: 405022
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
39 43.0 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 54.142 ug/l

RT: 10.573 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 19768

Ion Ratio Lower Upper

97 100

83 85.6 67.7 101.5

85 56.6 44.5 66.7

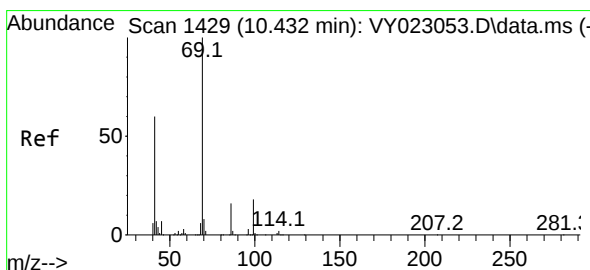
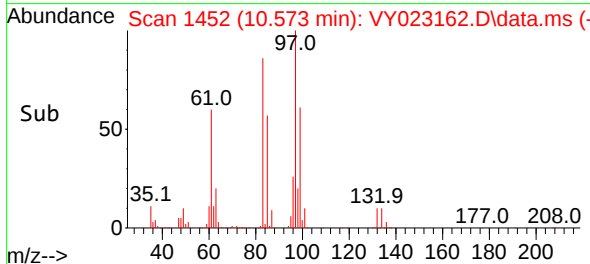
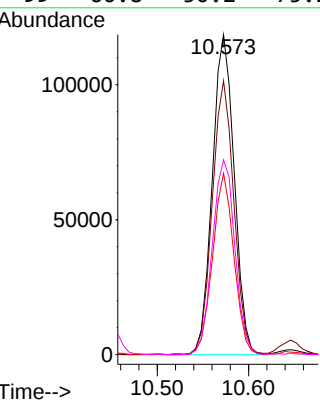
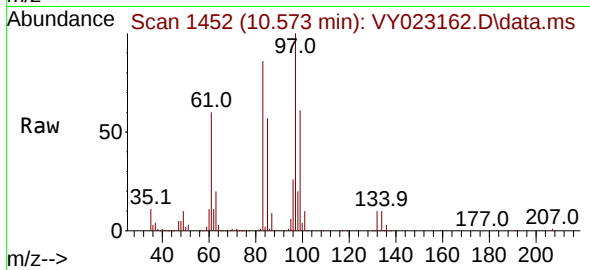
99 60.8 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025

Supervised By :Semsettin Yesilyurt 08/22/2025



#56

Ethyl methacrylate

Concen: 52.434 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

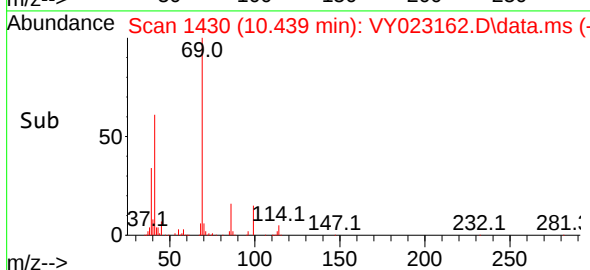
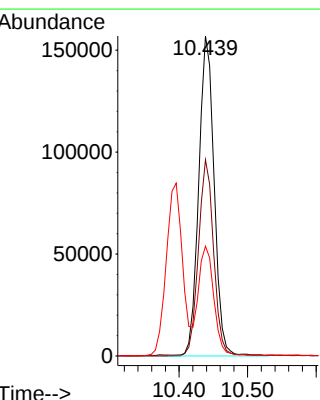
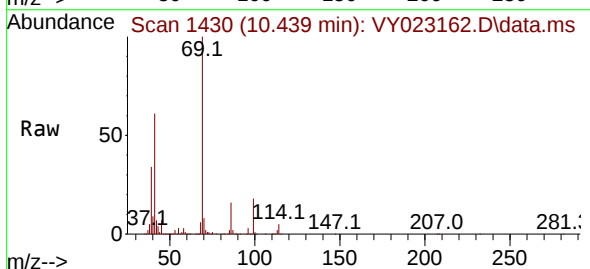
Tgt Ion: 69 Resp: 244976

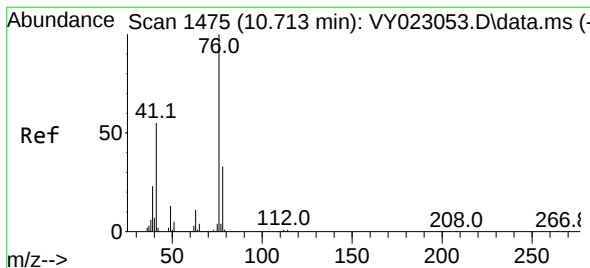
Ion Ratio Lower Upper

69 100

41 60.1 48.6 72.8

39 33.7 27.0 40.4





#57

1,3-Dichloropropane

Concen: 52.905 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 32759

Ion Ratio Lower Upper

76 100

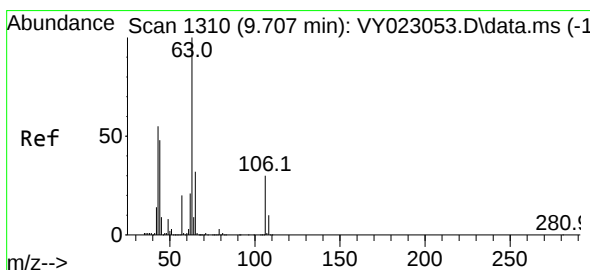
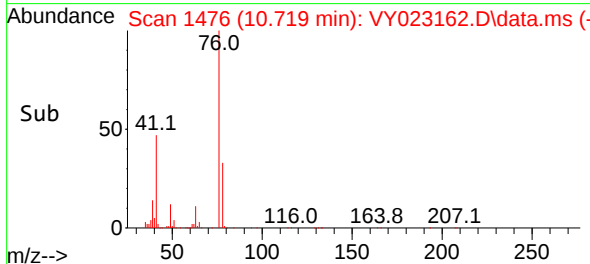
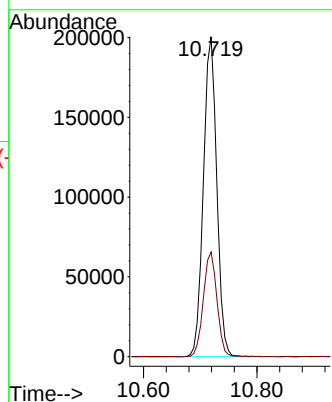
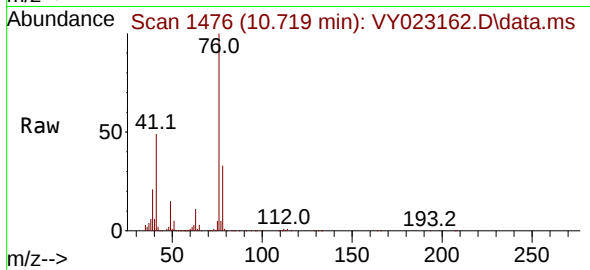
78 33.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025

Supervised By :Semsettin Yesilyurt 08/22/2025



#58

2-Chloroethyl Vinyl ether

Concen: 252.784 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023162.D

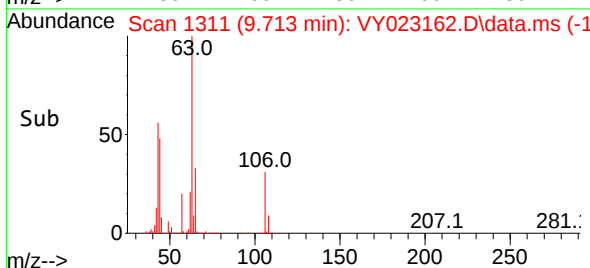
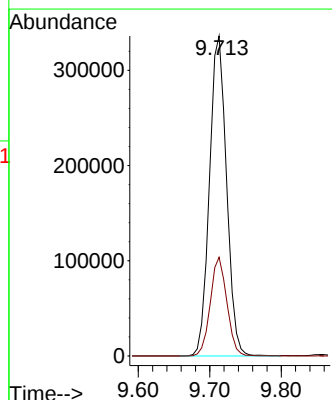
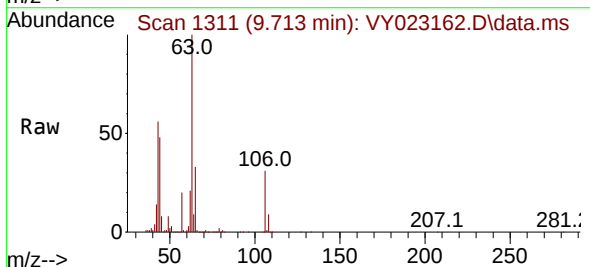
Acq: 20 Aug 2025 09:26

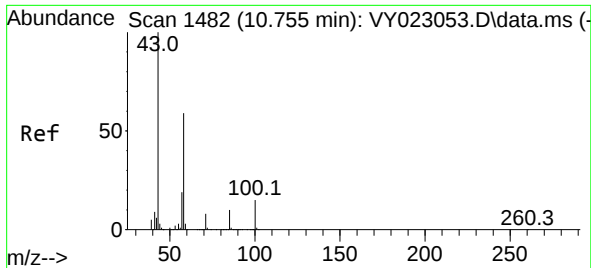
Tgt Ion: 63 Resp: 557088

Ion Ratio Lower Upper

63 100

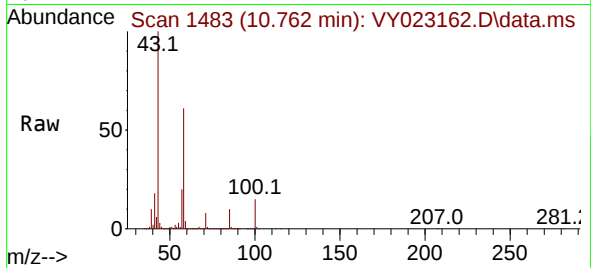
106 29.9 23.2 34.8





#59
2-Hexanone
Concen: 270.352 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

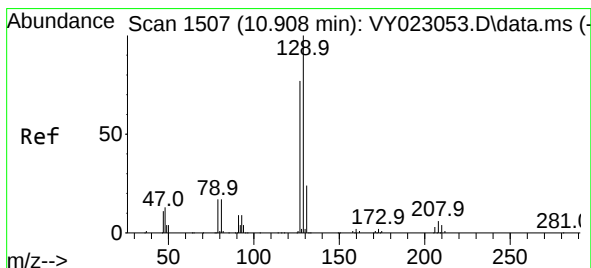
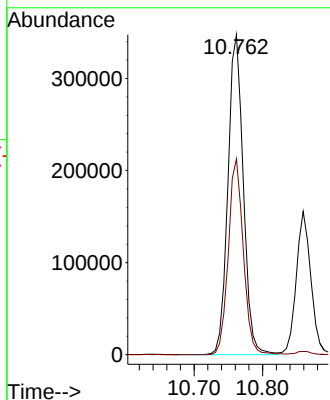
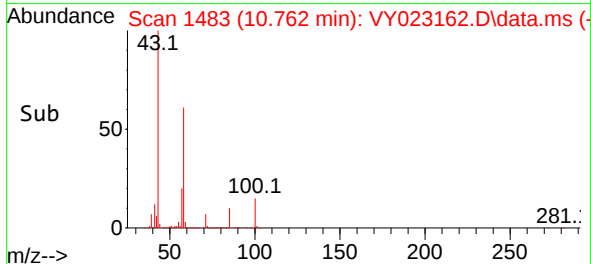
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



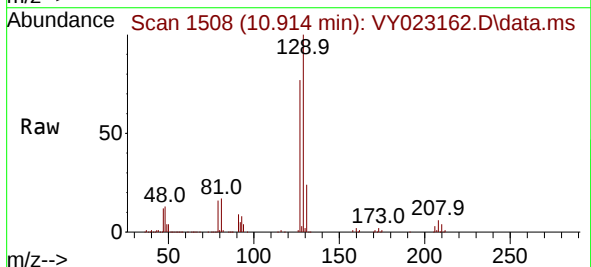
Tgt Ion: 43 Resp: 54046
Ion Ratio Lower Upper
43 100
58 60.0 29.5 88.5

Manual Integrations
APPROVED

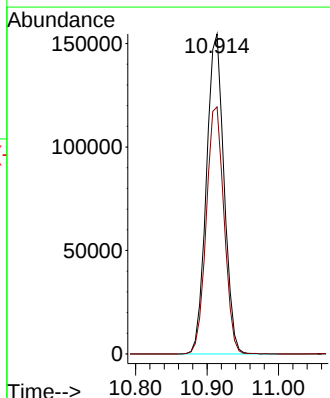
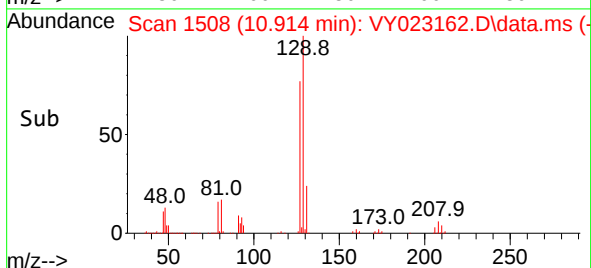
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025

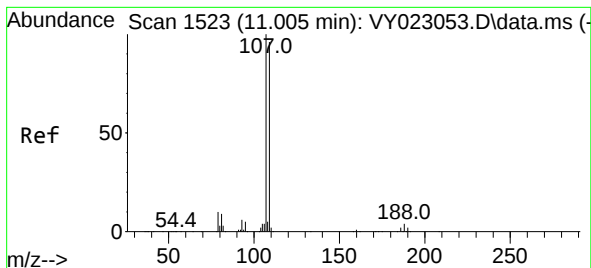


#60
Dibromochloromethane
Concen: 54.767 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26



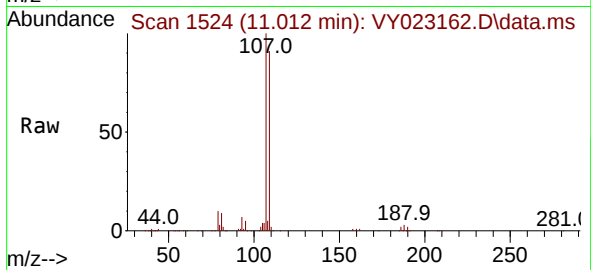
Tgt Ion:129 Resp: 263855
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5





#61
1,2-Dibromoethane
Concen: 53.748 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

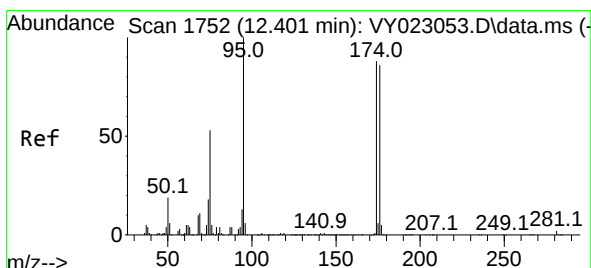
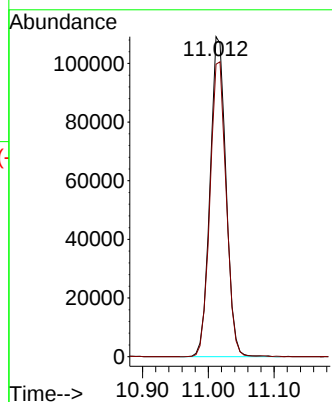
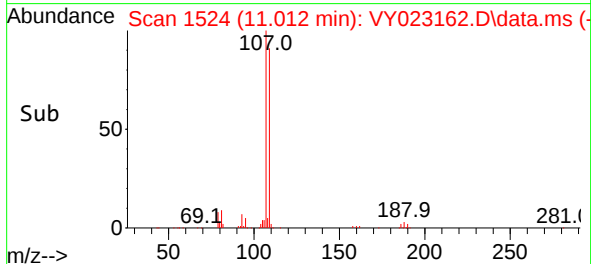
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



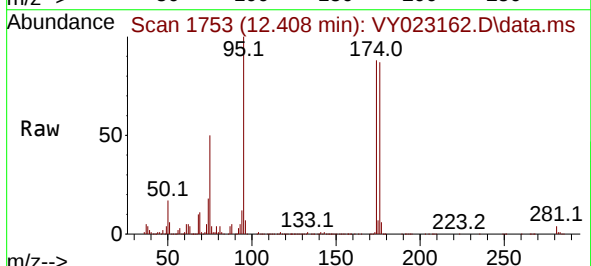
Tgt Ion:107 Resp: 18444
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4

Manual Integrations
APPROVED

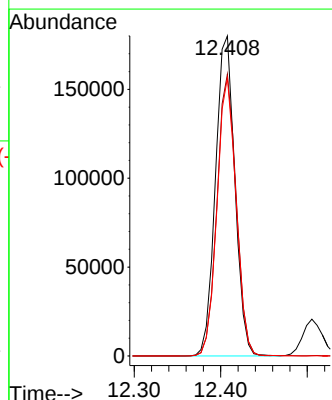
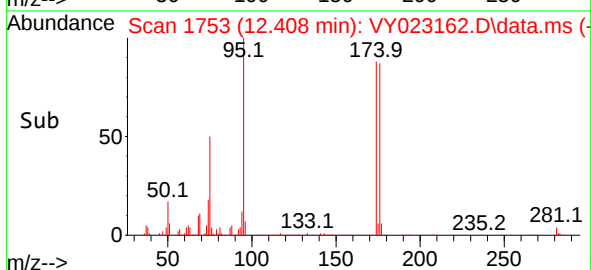
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025

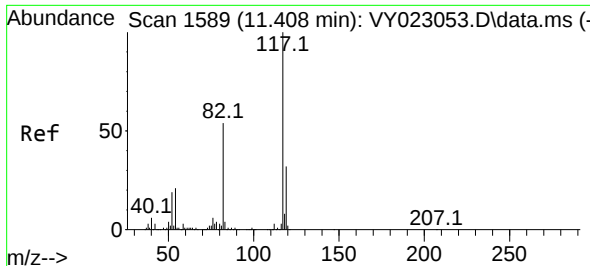


#62
4-Bromofluorobenzene
Concen: 49.355 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26



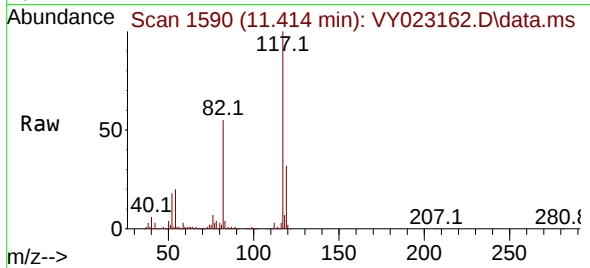
Tgt Ion: 95 Resp: 279699
Ion Ratio Lower Upper
95 100
174 87.4 0.0 171.6
176 85.4 0.0 167.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

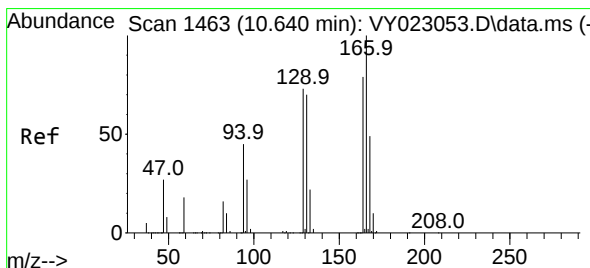
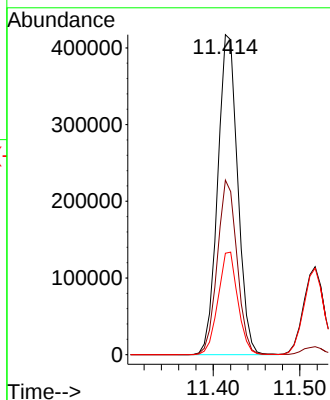
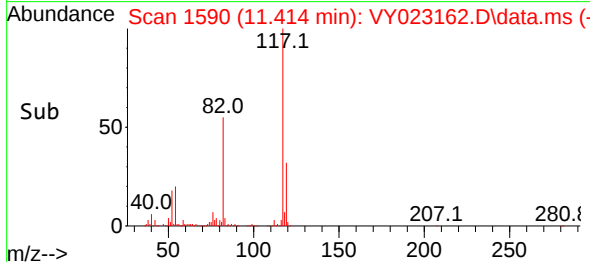
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 66940
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 31.7 25.6 38.4

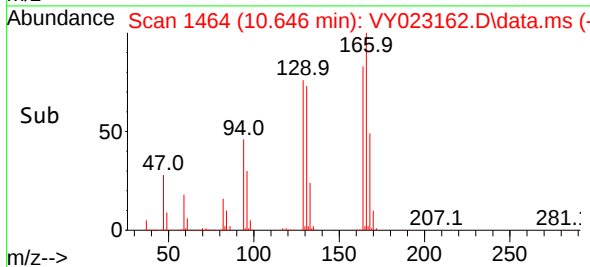
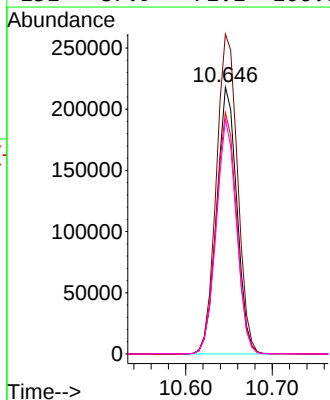
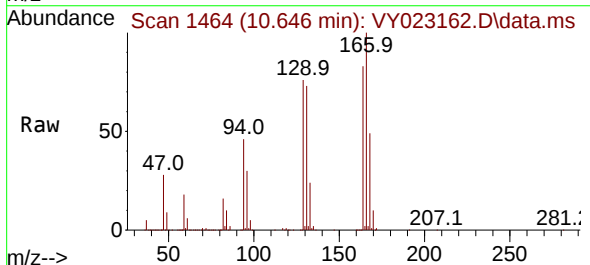
Manual Integrations
APPROVED

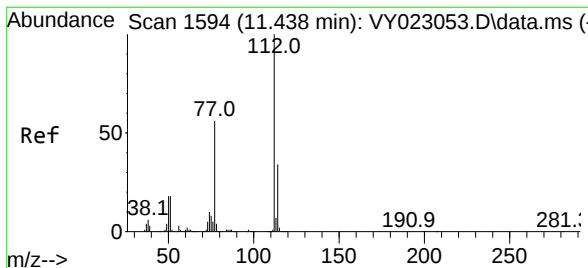
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#64
Tetrachloroethene
Concen: 59.168 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

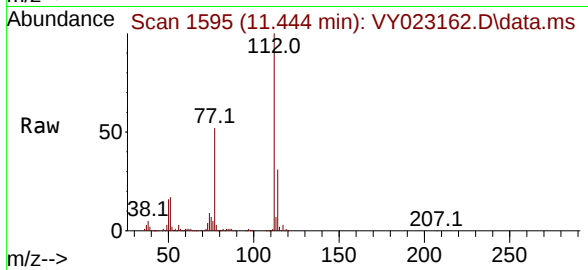
Tgt Ion:164 Resp: 353669
Ion Ratio Lower Upper
164 100
166 119.9 101.1 151.7
129 90.5 74.0 111.0
131 87.9 71.1 106.7





#65
Chlorobenzene
Concen: 55.177 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

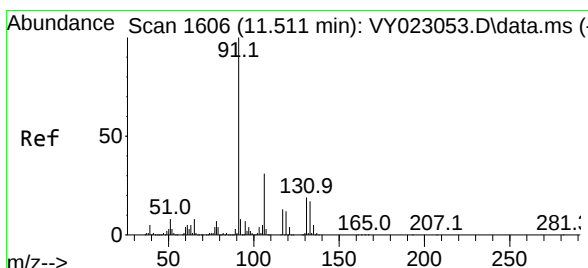
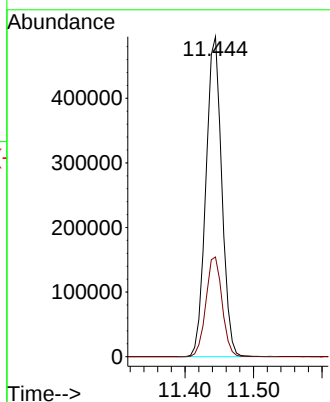
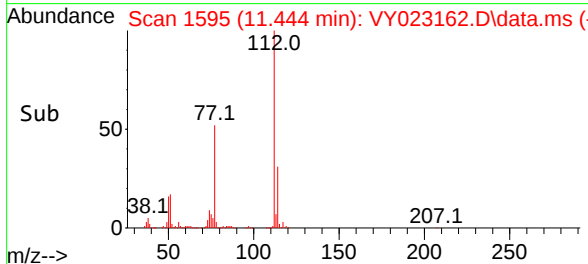
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



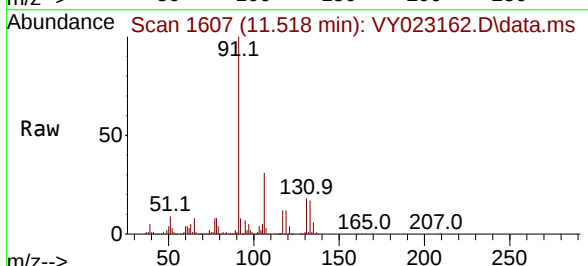
Tgt Ion:112 Resp: 796710
Ion Ratio Lower Upper
112 100
114 31.1 27.0 40.4

Manual Integrations
APPROVED

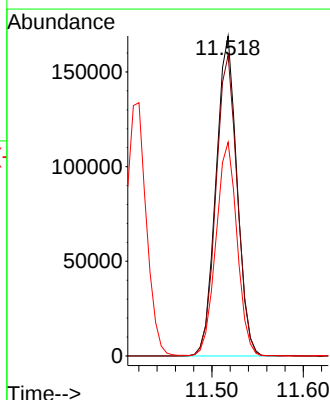
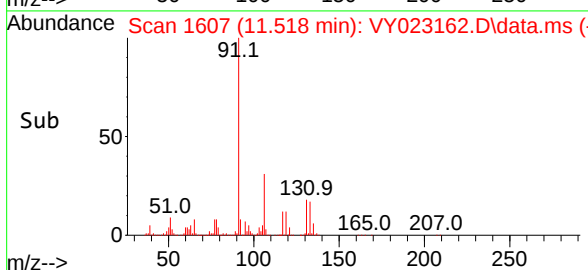
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025

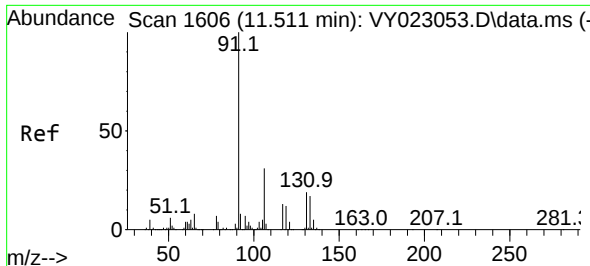


#66
1,1,1,2-Tetrachloroethane
Concen: 55.136 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26



Tgt Ion:131 Resp: 270191
Ion Ratio Lower Upper
131 100
133 95.5 46.9 140.6
119 67.0 33.2 99.6





#67

Ethyl Benzene

Concen: 55.702 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1384094

Ion Ratio Lower Upper

91 100

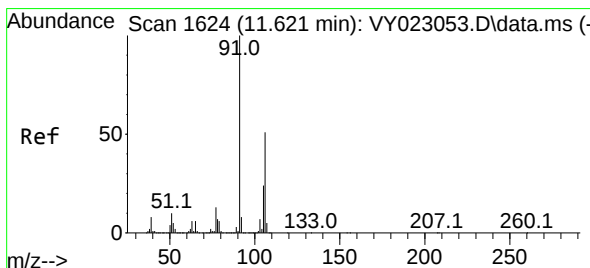
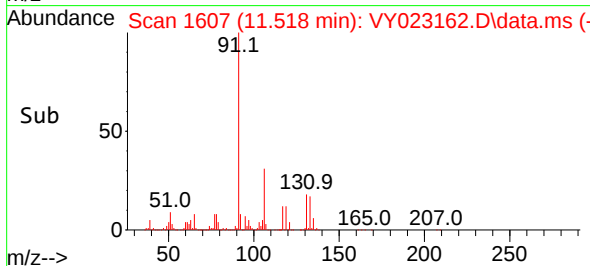
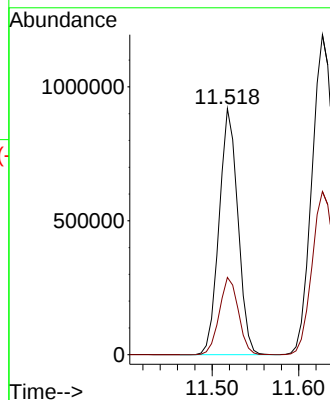
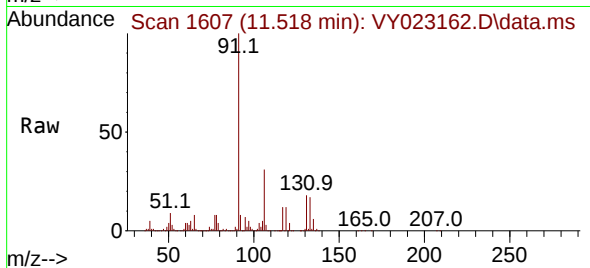
106 31.4 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025

Supervised By :Semsettin Yesilyurt 08/22/2025



#68

m/p-Xylenes

Concen: 113.946 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023162.D

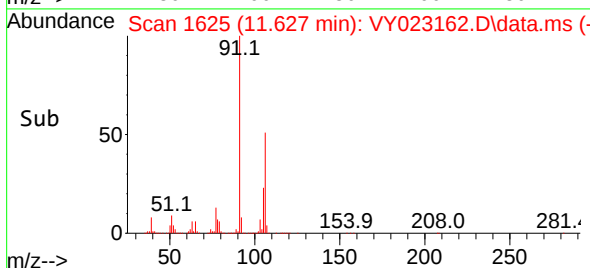
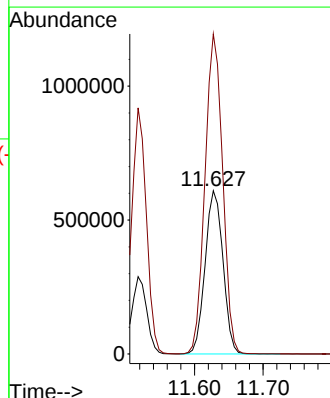
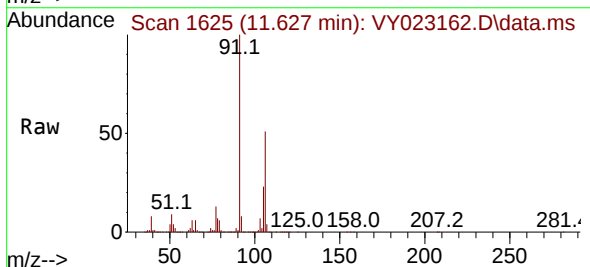
Acq: 20 Aug 2025 09:26

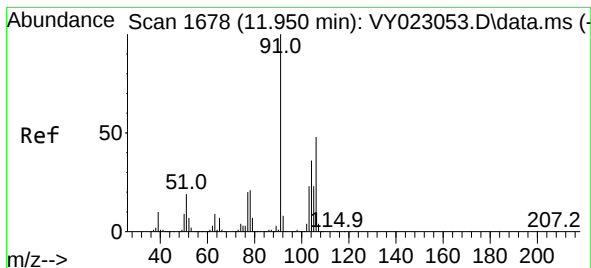
Tgt Ion:106 Resp: 1105831

Ion Ratio Lower Upper

106 100

91 193.8 158.6 238.0





#69

o-Xylene

Concen: 56.325 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 51196

Ion Ratio Lower Upper

106 100

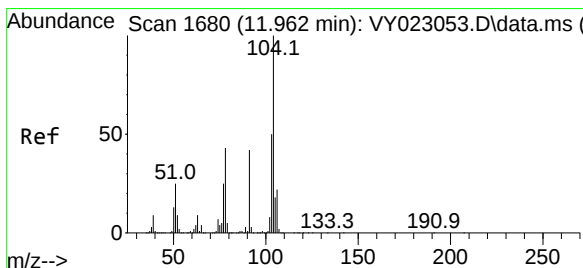
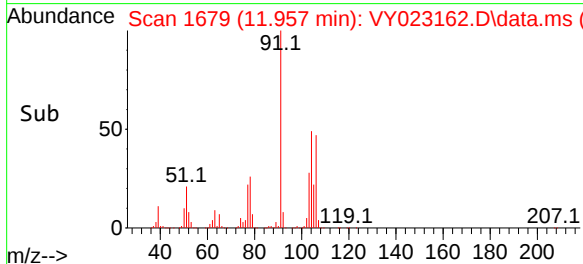
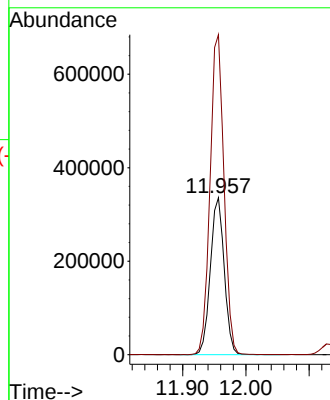
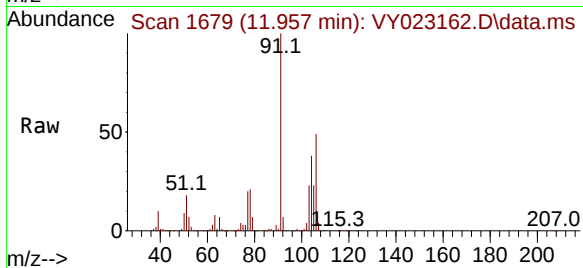
91 204.2 103.2 309.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025

Supervised By :Semsettin Yesilyurt 08/22/2025



#70

Styrene

Concen: 57.774 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.006 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

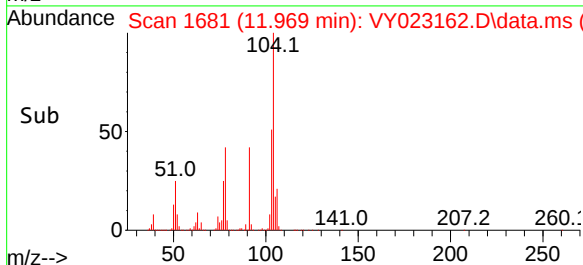
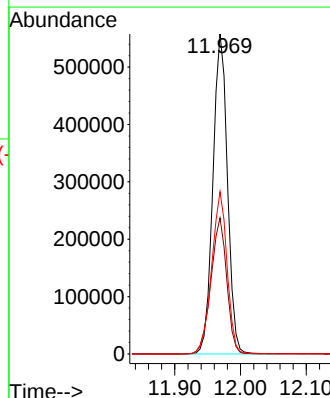
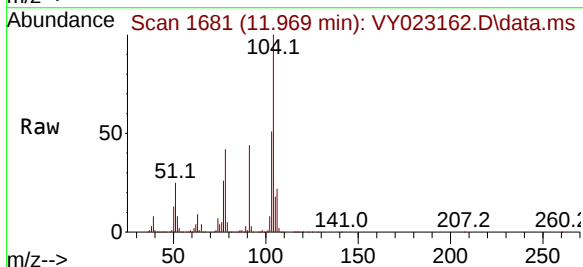
Tgt Ion:104 Resp: 858795

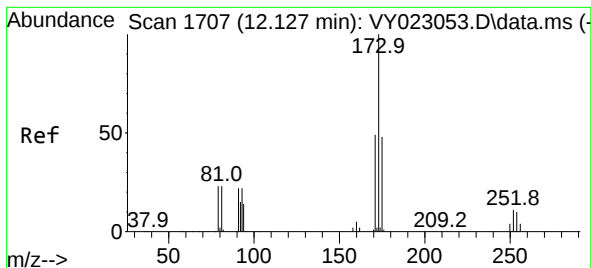
Ion Ratio Lower Upper

104 100

78 46.1 38.5 57.7

103 53.6 43.7 65.5





#71

Bromoform

Concen: 54.068 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 154850

Ion Ratio Lower Upper

173 100

175 49.0 23.9 71.7

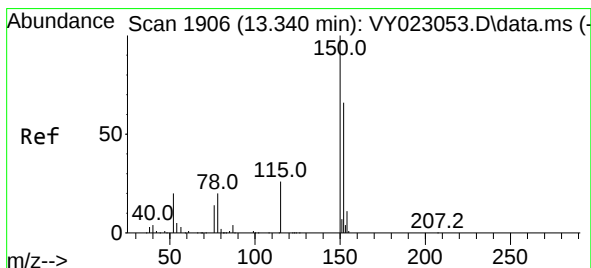
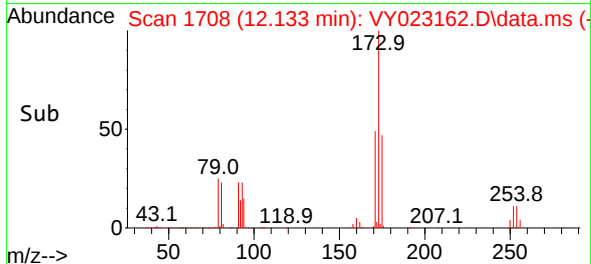
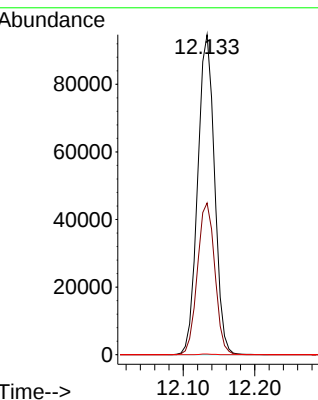
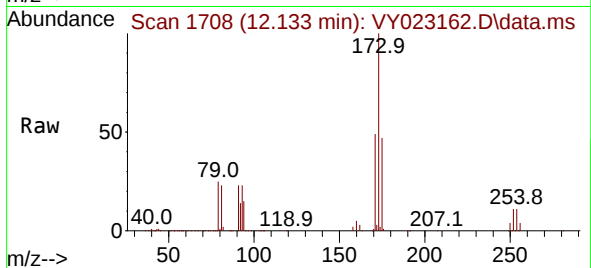
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025

Supervised By :Semsettin Yesilyurt 08/22/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

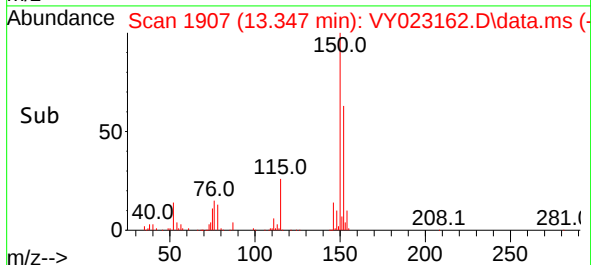
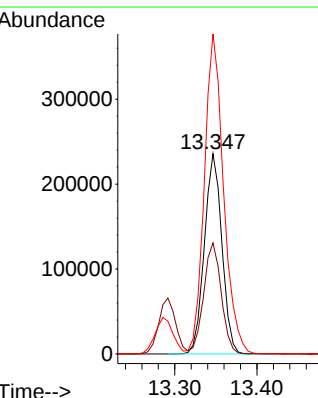
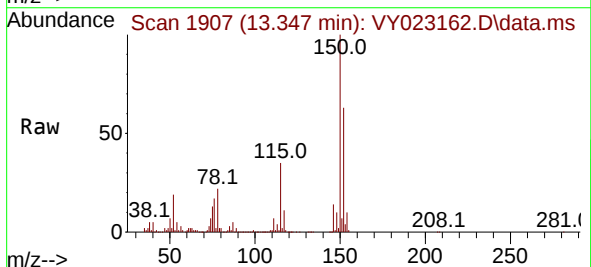
Tgt Ion:152 Resp: 347499

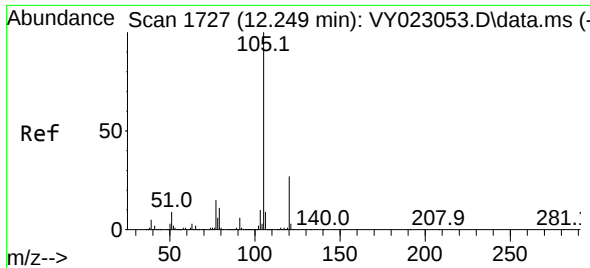
Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.6

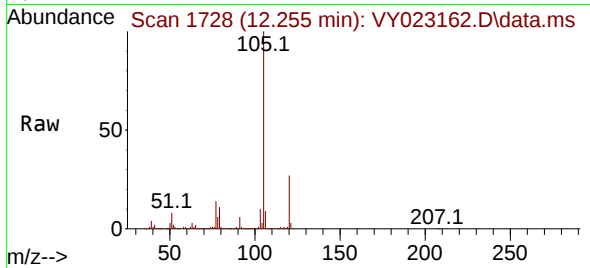
150 175.9 0.0 348.0





#73
Isopropylbenzene
Concen: 54.871 ug/l
RT: 12.255 min Scan# 1727
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

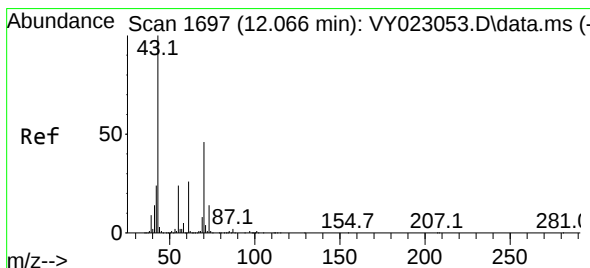
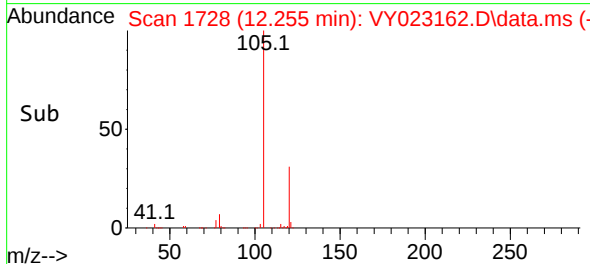
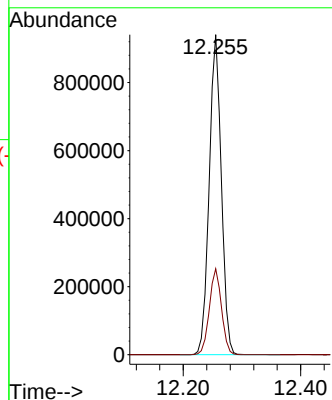
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 1345769
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2

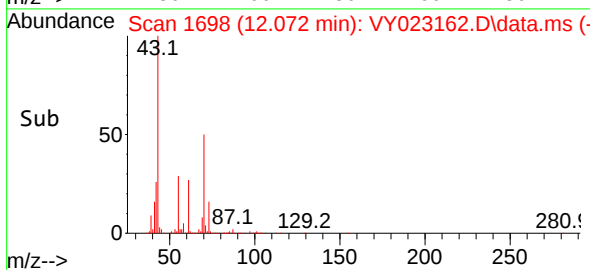
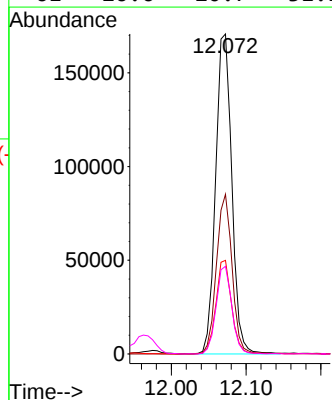
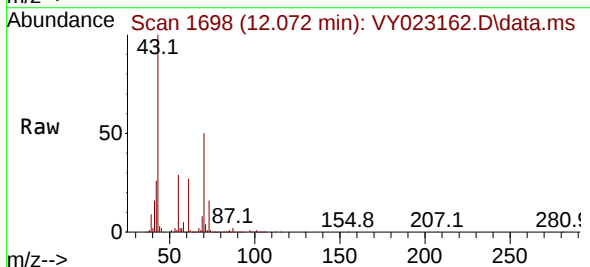
Manual Integrations
APPROVED

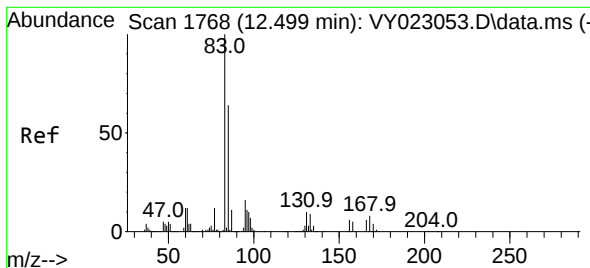
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#74
N-ethyl acetate
Concen: 49.400 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

Tgt Ion: 43 Resp: 256941
Ion Ratio Lower Upper
43 100
70 48.3 37.5 56.3
55 28.7 20.7 31.1
61 26.6 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.632 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 19947

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.3

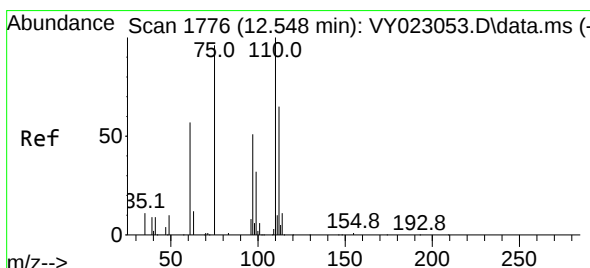
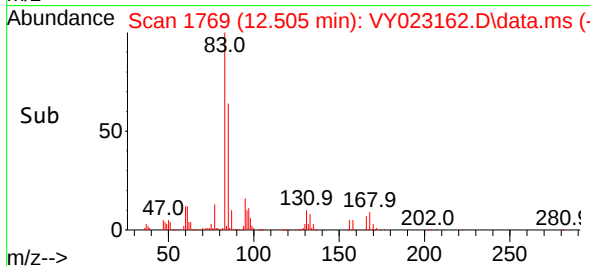
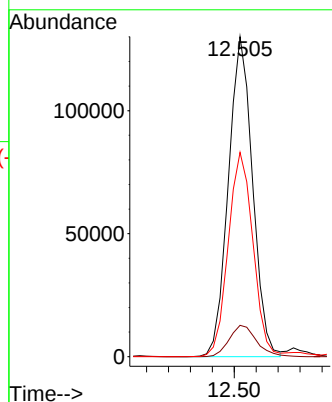
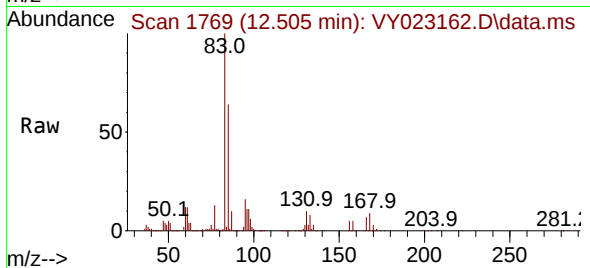
85 65.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025

Supervised By :Semsettin Yesilyurt 08/22/2025



#76

1,2,3-Trichloropropane

Concen: 49.495 ug/l m

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023162.D

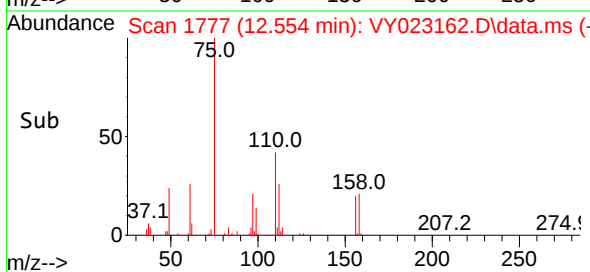
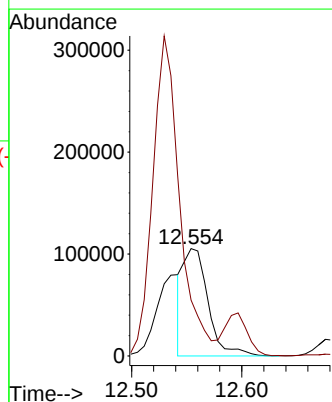
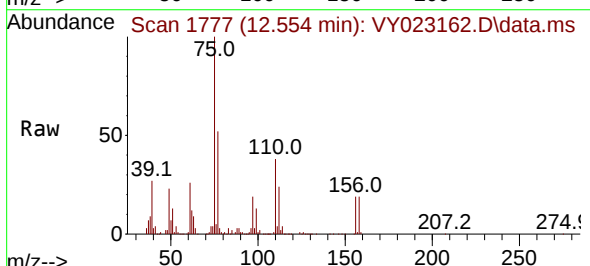
Acq: 20 Aug 2025 09:26

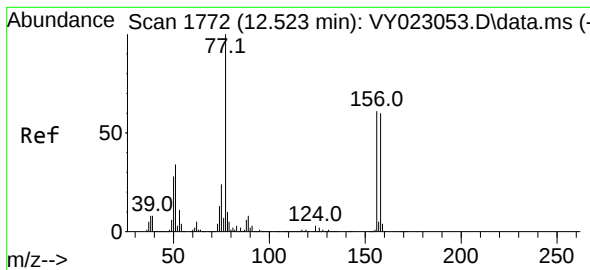
Tgt Ion: 75 Resp: 165993

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.090 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

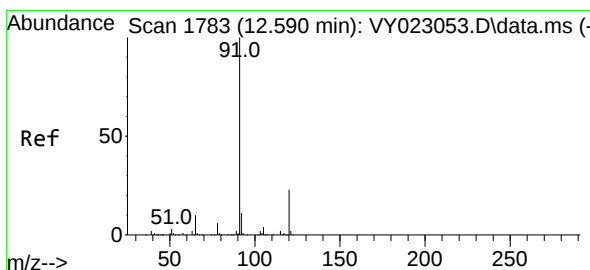
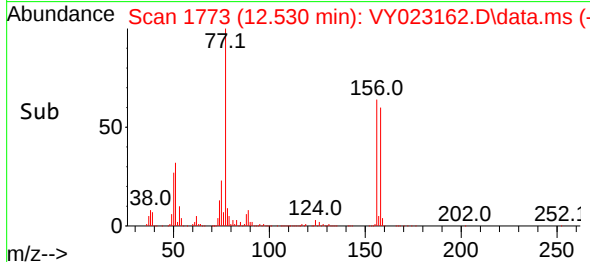
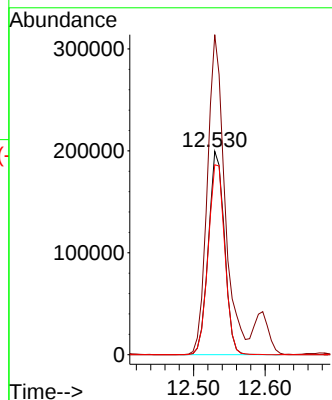
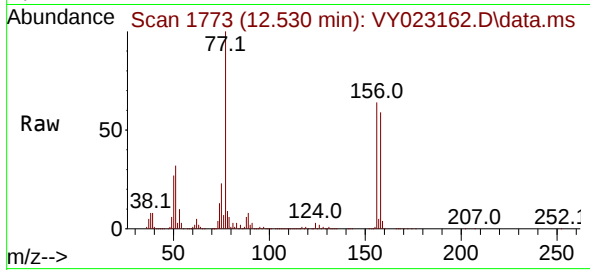
VSTDCCC050

Tgt Ion:	156	Resp:	310639
Ion Ratio	Lower	Upper	
156	100		
77	171.2	88.1	264.4
158	96.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#78

n-propylbenzene

Concen: 55.097 ug/l

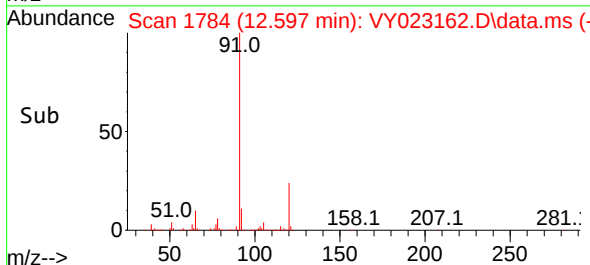
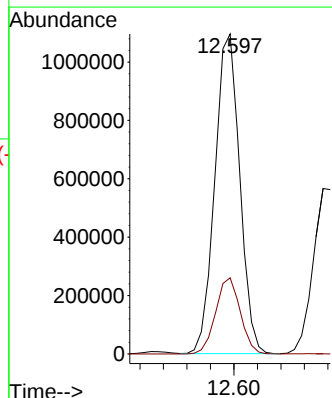
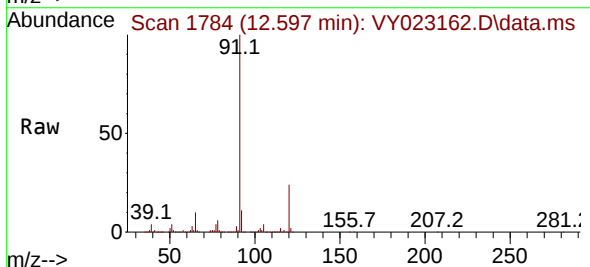
RT: 12.597 min Scan# 1784

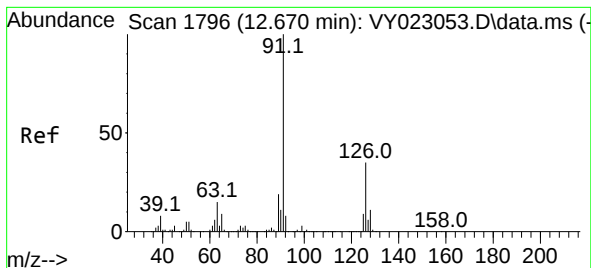
Delta R.T. 0.006 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

Tgt Ion:	91	Resp:	1608842
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.5	34.5





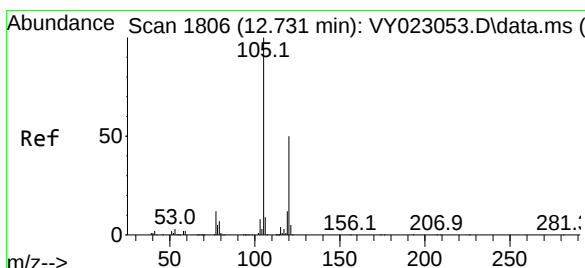
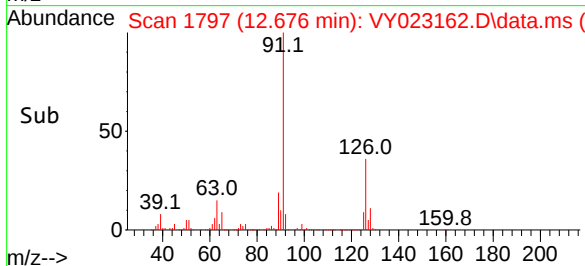
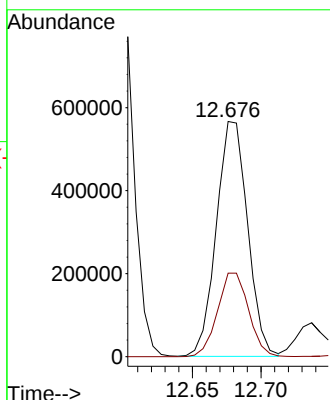
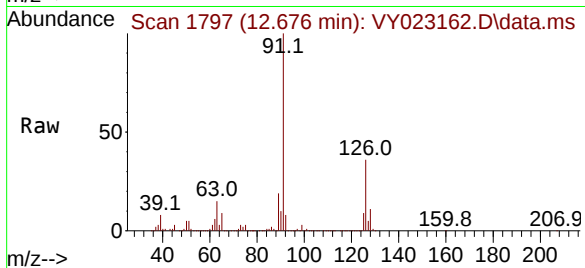
#79
2-Chlorotoluene
Concen: 53.745 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 89917
Ion Ratio Lower Upper
91 100
126 35.4 17.4 52.3

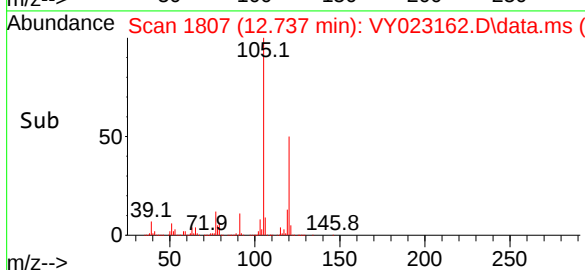
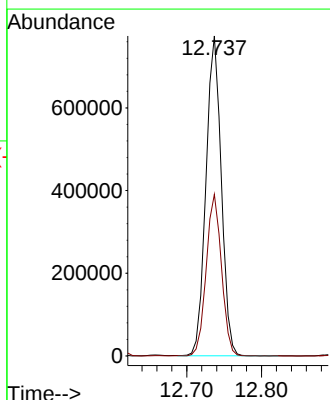
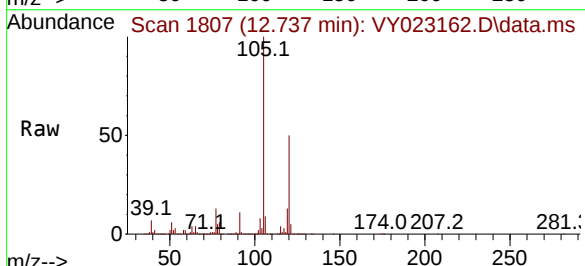
Manual Integrations
APPROVED

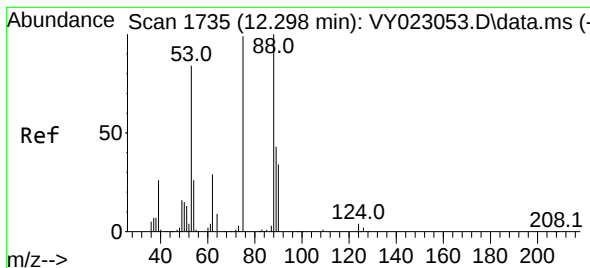
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#80
1,3,5-Trimethylbenzene
Concen: 55.500 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

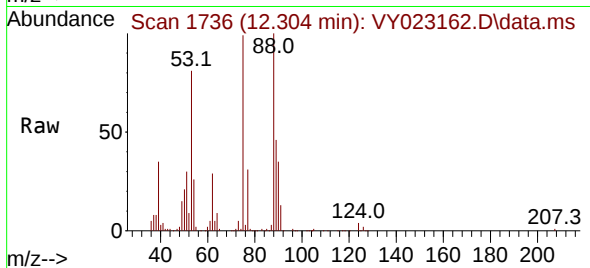
Tgt Ion:105 Resp: 1100113
Ion Ratio Lower Upper
105 100
120 50.3 24.8 74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 50.794 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

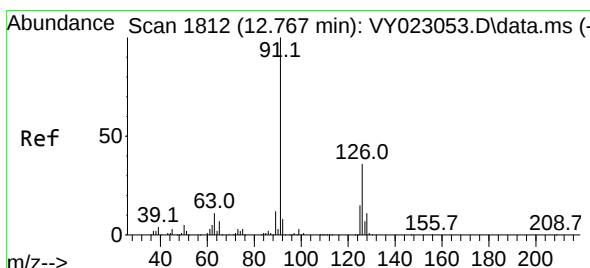
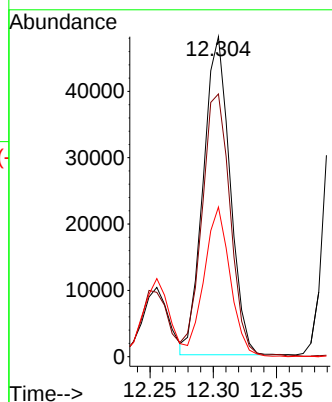
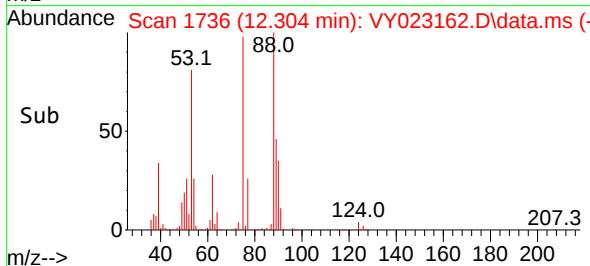
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 7037
Ion Ratio Lower Upper
75 100
53 87.6 70.8 106.2
89 45.6 38.1 57.1

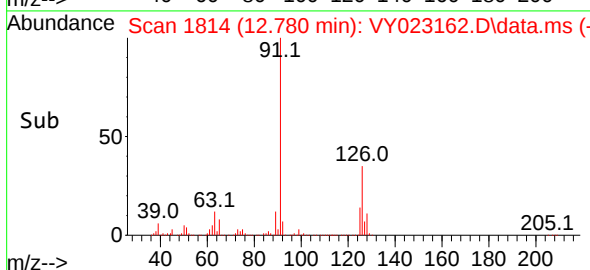
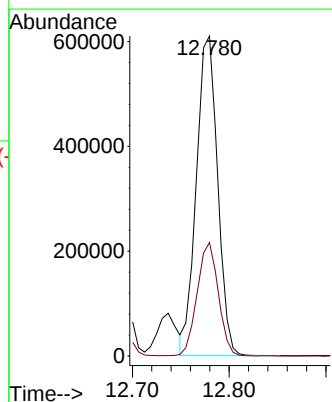
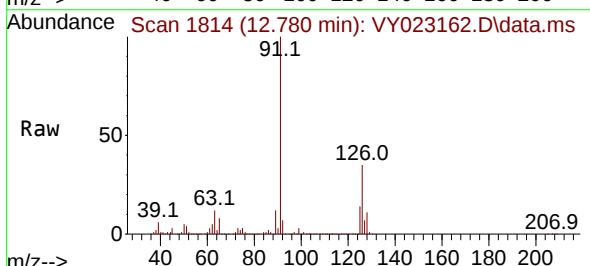
Manual Integrations
APPROVED

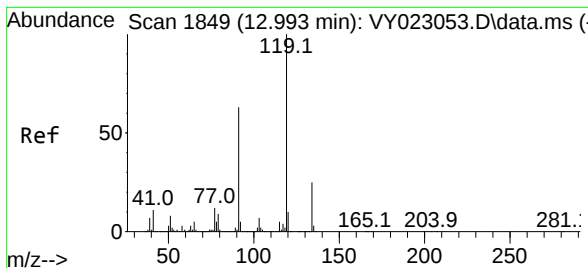
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#82
4-Chlorotoluene
Concen: 53.806 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.012 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

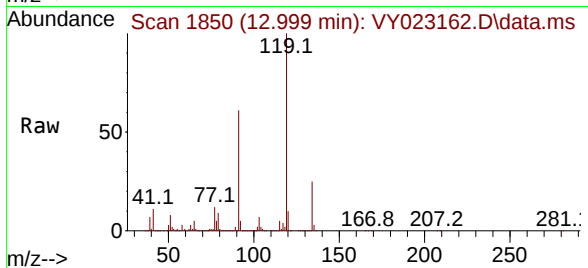
Tgt Ion: 91 Resp: 933833
Ion Ratio Lower Upper
91 100
126 35.3 17.3 52.0





#83
tert-Butylbenzene
Concen: 55.202 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

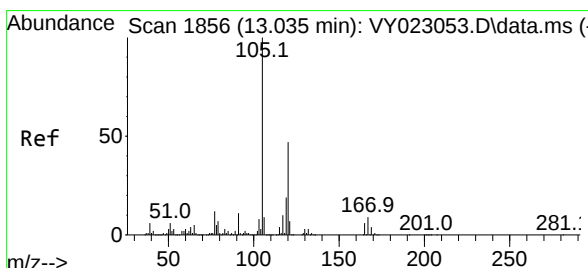
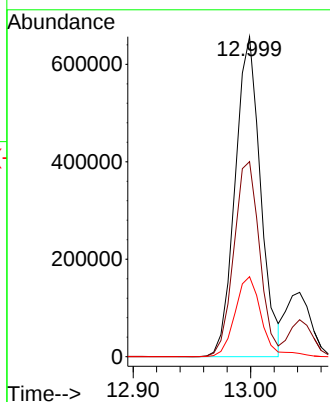
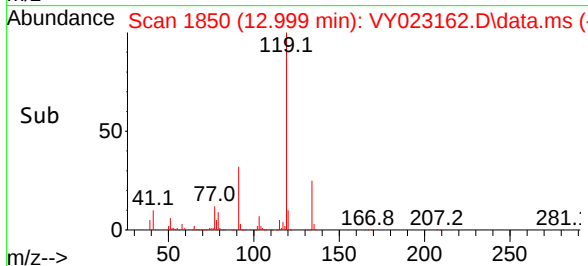
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



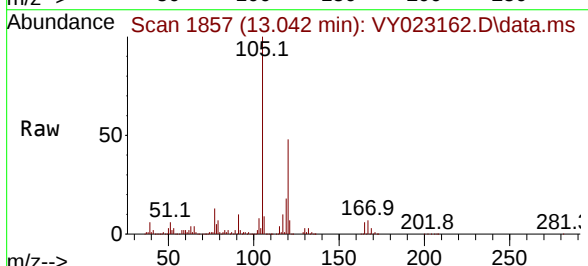
Tgt Ion:119 Resp: 98824
Ion Ratio Lower Upper
119 100
91 61.8 31.6 94.8
134 26.1 12.9 38.7

Manual Integrations
APPROVED

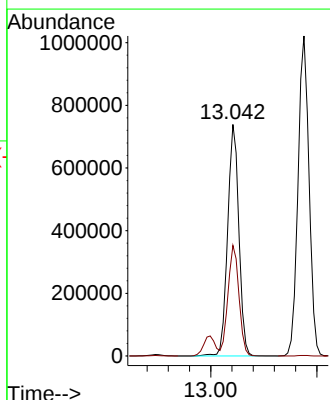
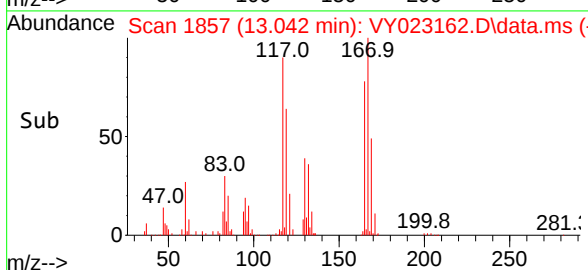
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025

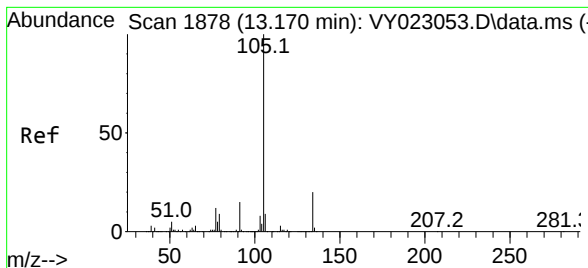


#84
1,2,4-Trimethylbenzene
Concen: 55.087 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26



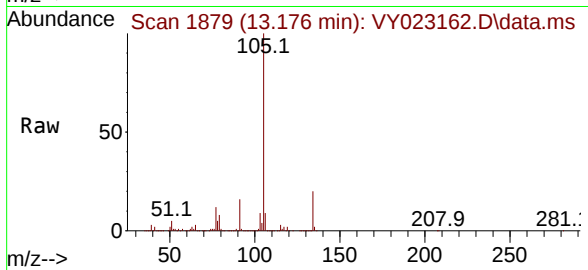
Tgt Ion:105 Resp: 1086959
Ion Ratio Lower Upper
105 100
120 46.6 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 55.832 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023162.D
 Acq: 20 Aug 2025 09:26

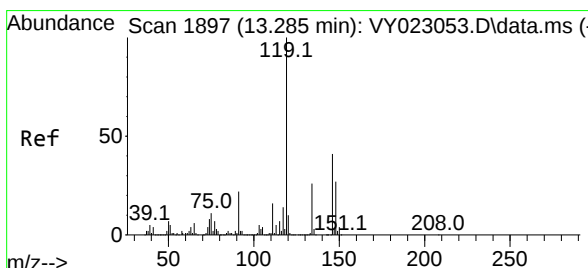
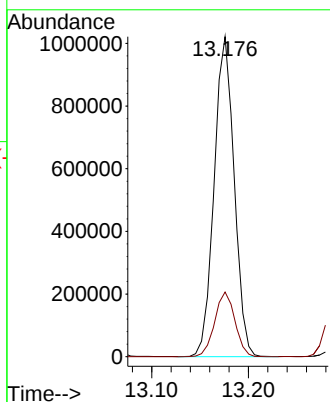
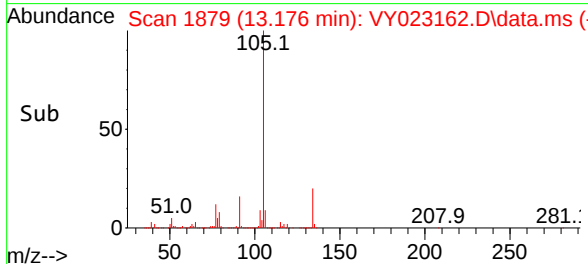
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



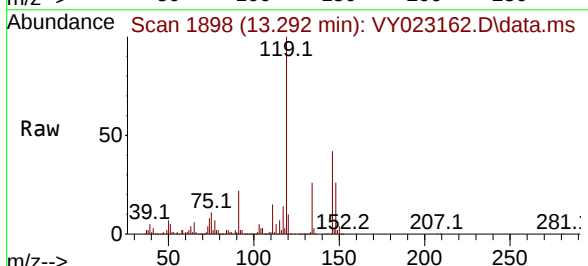
Tgt Ion:105 Resp: 146828
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

Manual Integrations
 APPROVED

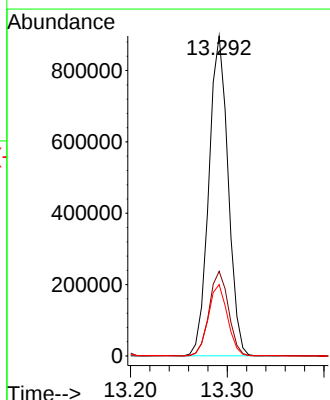
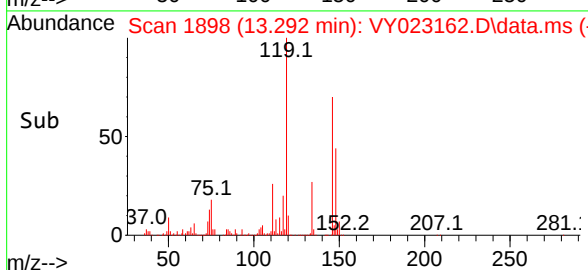
Reviewed By :Mahesh Dadoda 08/22/2025
 Supervised By :Semsettin Yesilyurt 08/22/2025

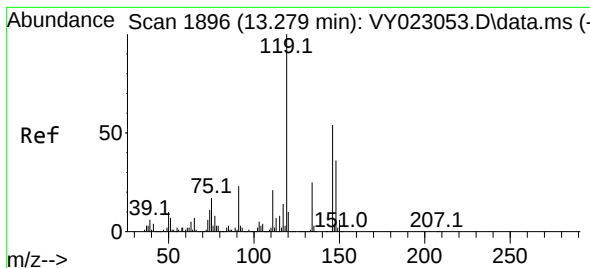


#86
 p-Isopropyltoluene
 Concen: 56.975 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023162.D
 Acq: 20 Aug 2025 09:26



Tgt Ion:119 Resp: 1243706
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.6
 91 22.2 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 55.055 ug/l

RT: 13.286 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 635250

Ion Ratio Lower Upper

146 100

111 38.2 19.6 58.7

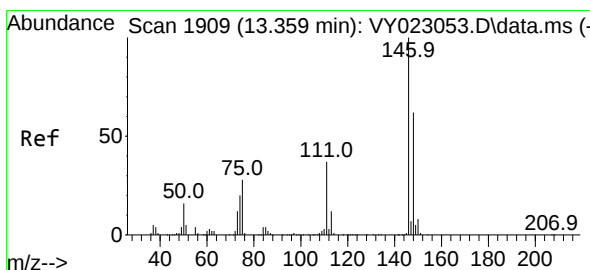
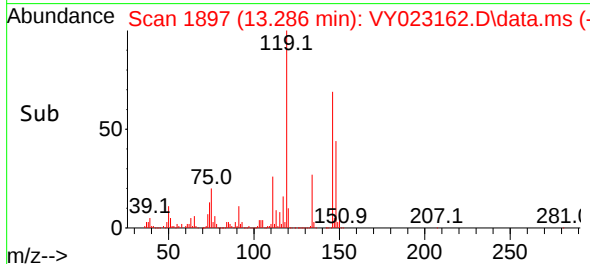
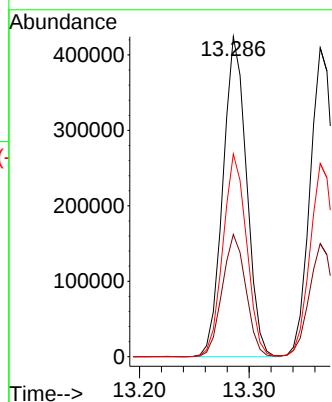
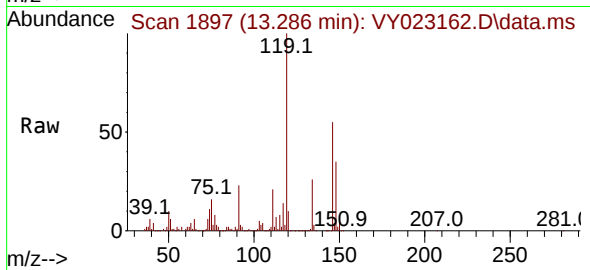
148 63.4 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025

Supervised By :Semsettin Yesilyurt 08/22/2025



#88

1,4-Dichlorobenzene

Concen: 54.132 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

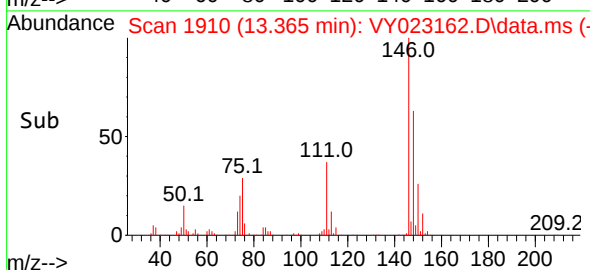
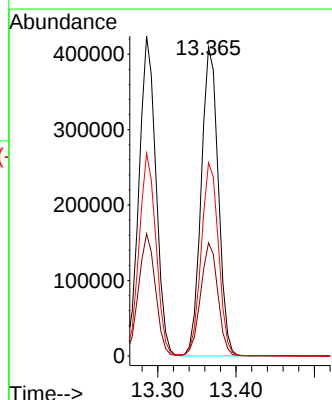
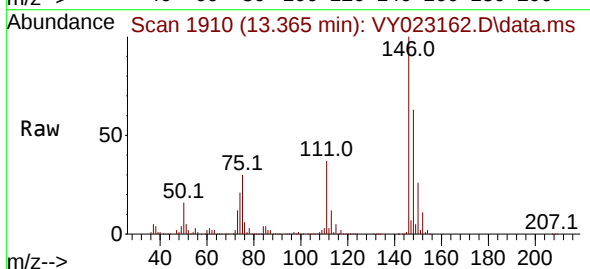
Tgt Ion:146 Resp: 619608

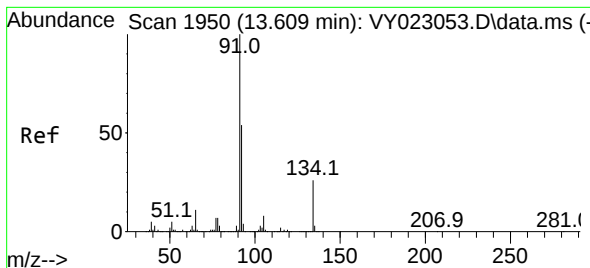
Ion Ratio Lower Upper

146 100

111 36.9 19.1 57.1

148 63.3 31.6 94.7





#89

n-Butylbenzene

Concen: 56.614 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 113503

Ion Ratio Lower Upper

91 100

92 53.0 26.9 80.7

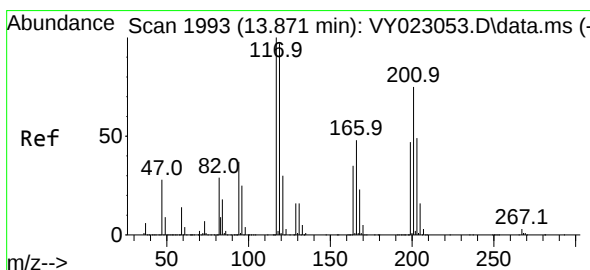
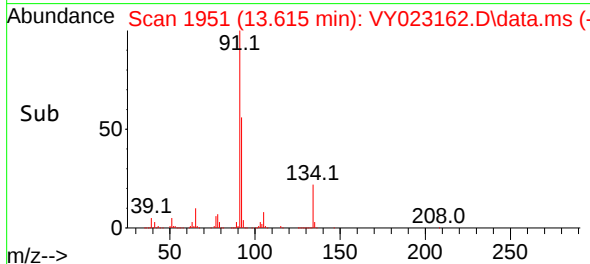
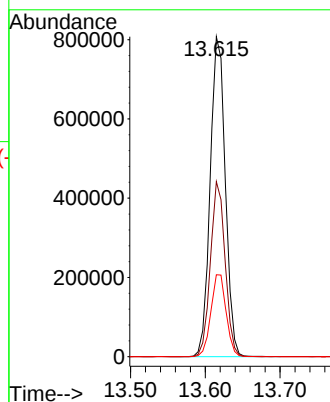
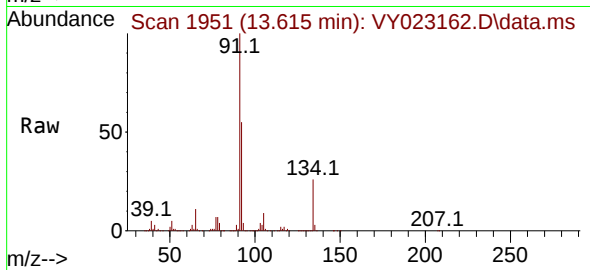
134 25.9 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025

Supervised By :Semsettin Yesilyurt 08/22/2025



#90

Hexachloroethane

Concen: 55.353 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023162.D

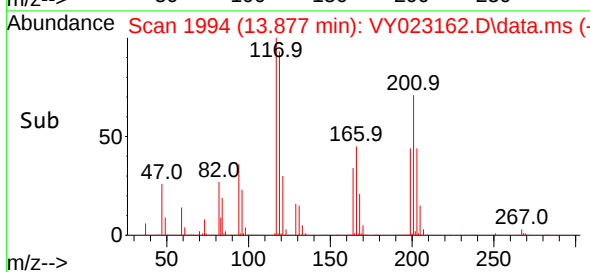
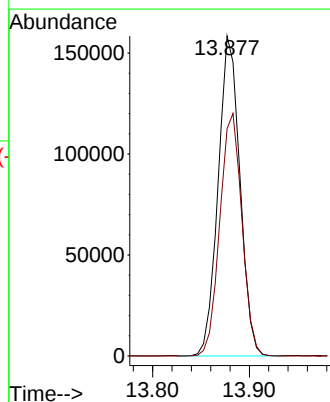
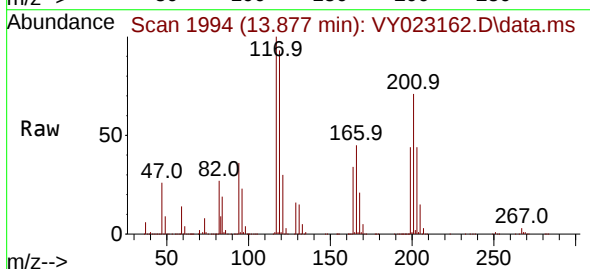
Acq: 20 Aug 2025 09:26

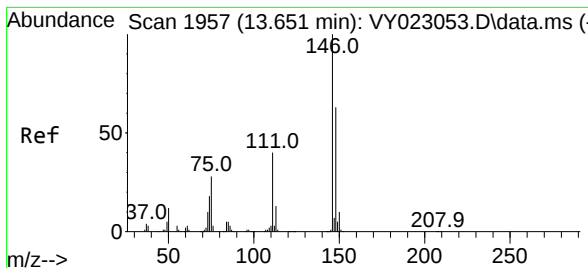
Tgt Ion:117 Resp: 247354

Ion Ratio Lower Upper

117 100

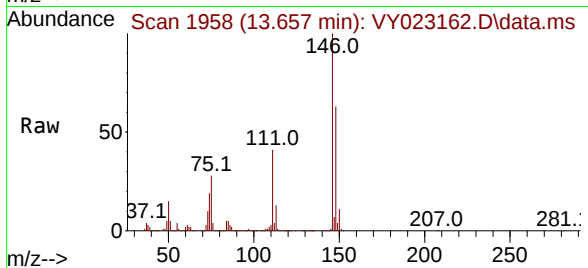
201 76.9 38.4 115.1





#91
1,2-Dichlorobenzene
Concen: 54.191 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26

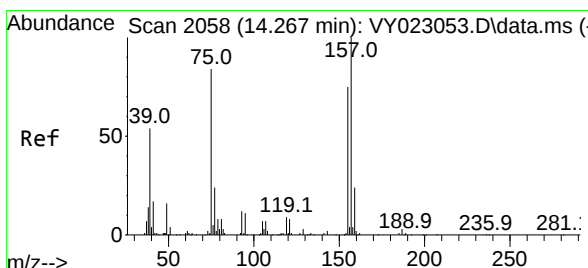
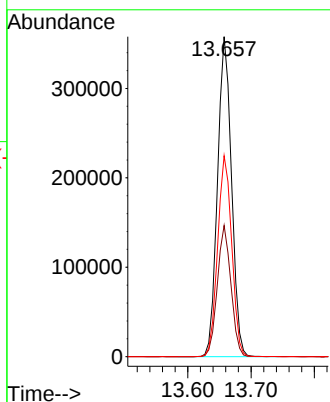
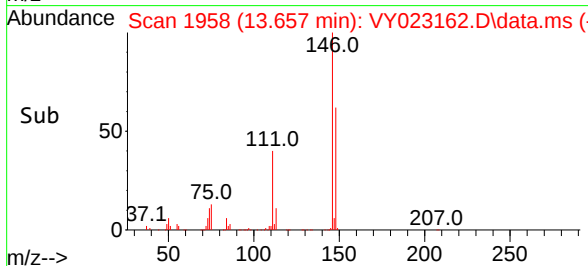
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



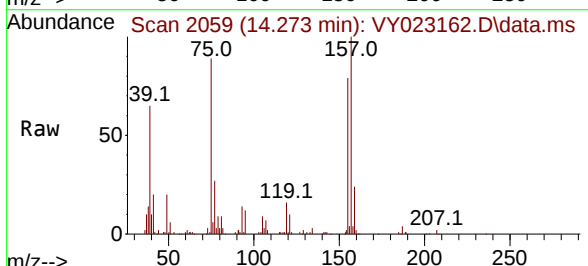
Tgt Ion:146 Resp: 548379
Ion Ratio Lower Upper
146 100
111 40.0 20.3 60.8
148 63.2 32.2 96.6

Manual Integrations
APPROVED

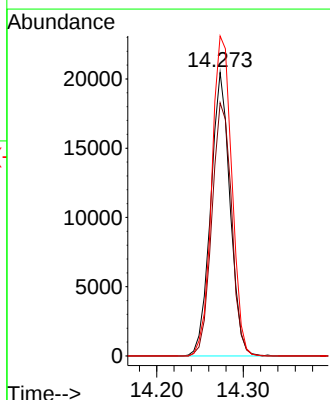
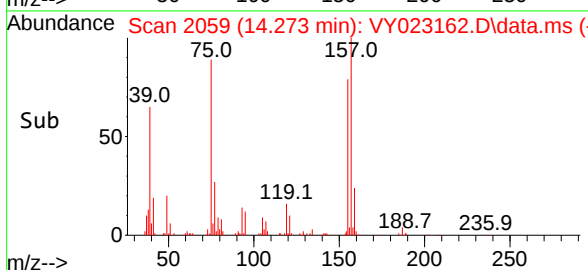
Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.834 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023162.D
Acq: 20 Aug 2025 09:26



Tgt Ion: 75 Resp: 31841
Ion Ratio Lower Upper
75 100
155 90.3 43.9 131.6
157 116.4 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 52.202 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 312389

Ion Ratio Lower Upper

180 100

182 95.3 46.8 140.4

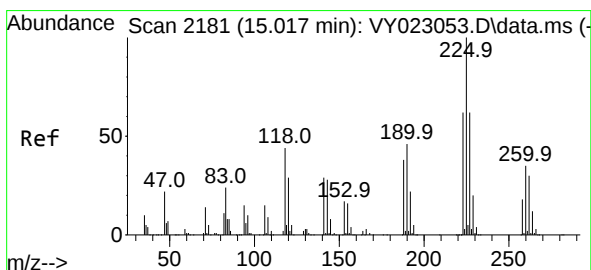
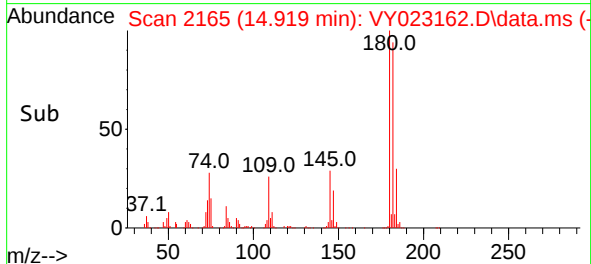
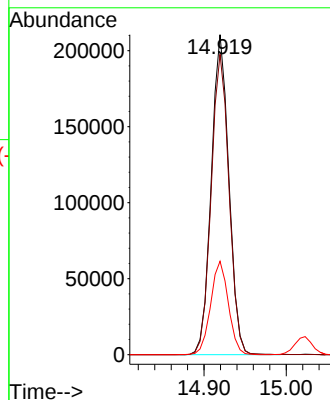
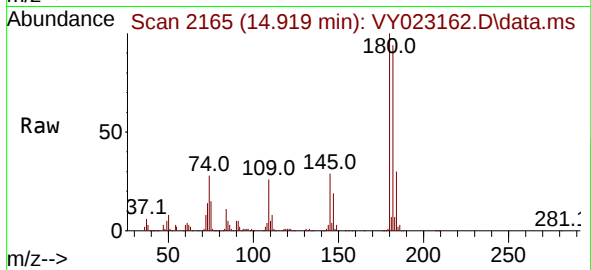
145 29.5 14.4 43.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025

Supervised By :Semsettin Yesilyurt 08/22/2025



#94

Hexachlorobutadiene

Concen: 52.847 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

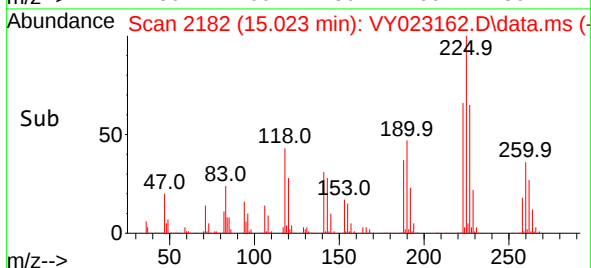
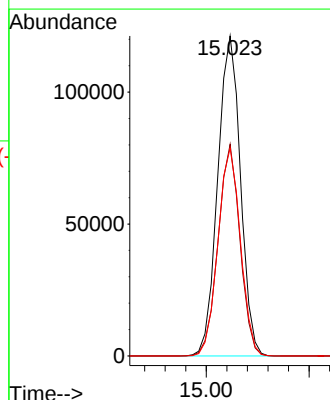
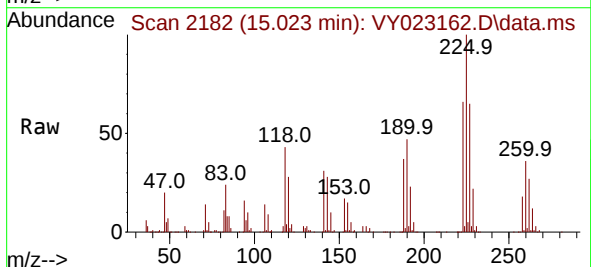
Tgt Ion:225 Resp: 185835

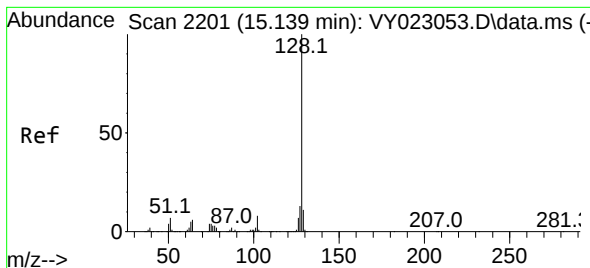
Ion Ratio Lower Upper

225 100

223 63.6 31.3 93.8

227 64.2 31.5 94.5





#95

Naphthalene

Concen: 51.592 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 526458

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

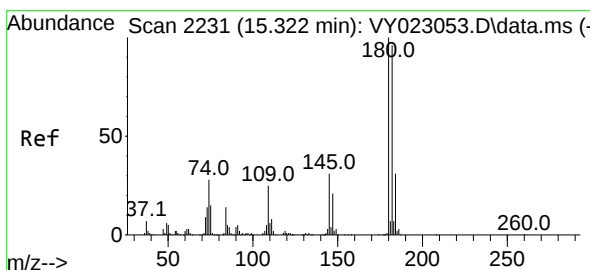
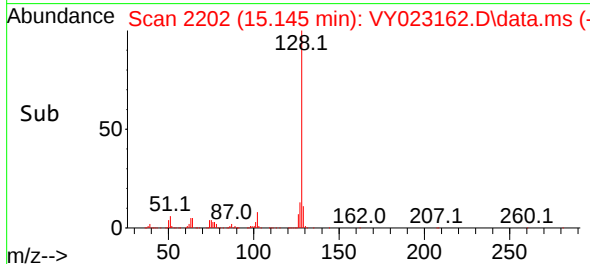
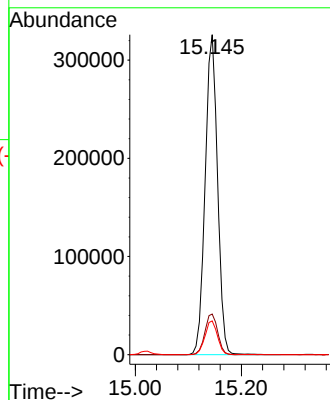
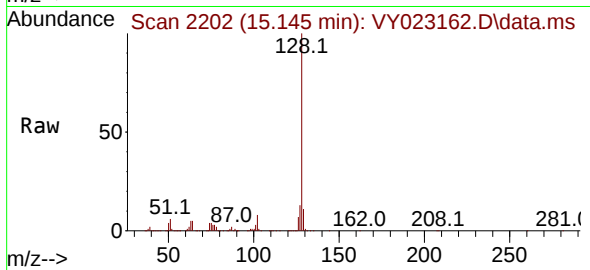
129 10.7 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025

Supervised By :Semsettin Yesilyurt 08/22/2025



#96

1,2,3-Trichlorobenzene

Concen: 52.017 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023162.D

Acq: 20 Aug 2025 09:26

Tgt Ion:180 Resp: 268232

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.7

145 31.0 15.9 47.7

