

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041525\
 Data File : VY021898.D
 Acq On : 15 Apr 2025 15:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 03:03:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	214749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	331308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	300820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	154465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	118010	50.719	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.440%			
35) Dibromofluoromethane	7.634	113	113923	53.009	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.020%			
50) Toluene-d8	10.109	98	433936	53.075	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.140%			
62) 4-Bromofluorobenzene	12.408	95	150497	54.419	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	96373	43.298	ug/l	98
3) Chloromethane	2.062	50	143776	45.937	ug/l	99
4) Vinyl Chloride	2.202	62	158266	44.714	ug/l	99
5) Bromomethane	2.592	94	118748	49.189	ug/l	100
6) Chloroethane	2.732	64	108884	47.011	ug/l	98
7) Trichlorofluoromethane	3.056	101	213381	47.061	ug/l	98
8) Diethyl Ether	3.458	74	58938	47.798	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	115648	48.359	ug/l	99
10) Methyl Iodide	4.001	142	140457	53.537	ug/l	99
11) Tert butyl alcohol	4.885	59	34841	230.540	ug/l	98
12) 1,1-Dichloroethene	3.787	96	108013	47.952	ug/l	95
13) Acrolein	3.653	56	14364	52.053	ug/l	100
14) Allyl chloride	4.379	41	171305	47.698	ug/l	98
15) Acrylonitrile	5.061	53	128230	249.065	ug/l	98
16) Acetone	3.879	43	97724	205.219	ug/l	99
17) Carbon Disulfide	4.104	76	328177	44.234	ug/l	97
18) Methyl Acetate	4.385	43	76275	64.629	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	291217	51.929	ug/l	100
20) Methylene Chloride	4.616	84	124482	53.709	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	121468	48.977	ug/l	95
22) Diisopropyl ether	6.018	45	386771	51.338	ug/l	97
23) Vinyl Acetate	5.958	43	1073630	243.599	ug/l	99
24) 1,1-Dichloroethane	5.915	63	225638	50.087	ug/l	100
25) 2-Butanone	6.896	43	161074	236.821	ug/l	100
26) 2,2-Dichloropropane	6.884	77	193239	48.223	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	142648	51.146	ug/l	97
28) Bromochloromethane	7.244	49	93303	49.110	ug/l	95
29) Tetrahydrofuran	7.262	42	109635	250.458	ug/l	99
30) Chloroform	7.421	83	238063	50.808	ug/l	97
31) Cyclohexane	7.701	56	186620	45.444	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	210255	49.648	ug/l	100
36) 1,1-Dichloropropene	7.835	75	162432	49.621	ug/l	98
37) Ethyl Acetate	6.988	43	77789	50.352	ug/l	99
38) Carbon Tetrachloride	7.817	117	189832	50.632	ug/l	99
39) Methylcyclohexane	9.109	83	197476	50.499	ug/l	99
40) Benzene	8.079	78	500570	51.062	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	43925	53.538	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	139597	50.511	ug/l	100
43) Isopropyl Acetate	8.195	43	149739	51.146	ug/l	99
44) Trichloroethene	8.866	130	130863	52.392	ug/l	97
45) 1,2-Dichloropropane	9.140	63	121424	52.327	ug/l	98
46) Dibromomethane	9.231	93	70780	52.926	ug/l	98
47) Bromodichloromethane	9.420	83	182503	52.666	ug/l	100
48) Methyl methacrylate	9.219	41	73779	54.908	ug/l	98
49) 1,4-Dioxane	9.231	88	15367	1072.630	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	409099	268.515	ug/l	99
52) Toluene	10.170	92	323711	52.926	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	161983	52.626	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	188131	51.810	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	93450	54.299	ug/l	98
56) Ethyl methacrylate	10.438	69	125409	57.068	ug/l	97
57) 1,3-Dichloropropane	10.719	76	158998	53.494	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	307805	287.123	ug/l	99
59) 2-Hexanone	10.762	43	272238	268.303	ug/l	98
60) Dibromochloromethane	10.908	129	127313	54.182	ug/l	99
61) 1,2-Dibromoethane	11.012	107	87608	54.265	ug/l	100
64) Tetrachloroethene	10.646	164	149358	54.514	ug/l	97
65) Chlorobenzene	11.444	112	353569	51.273	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	127802	52.236	ug/l	100
67) Ethyl Benzene	11.518	91	613402	51.874	ug/l	98
68) m/p-Xylenes	11.627	106	474673	104.830	ug/l	99
69) o-Xylene	11.956	106	224726	53.766	ug/l	99
70) Styrene	11.969	104	379162	54.407	ug/l	98
71) Bromoform	12.133	173	75036	53.766	ug/l #	99
73) Isopropylbenzene	12.255	105	587769	51.232	ug/l	100
74) N-amyl acetate	12.072	43	133281	49.500	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	101757	49.333	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	76559m	50.001	ug/l	
77) Bromobenzene	12.530	156	141788	51.473	ug/l	98
78) n-propylbenzene	12.597	91	709911	51.469	ug/l	100
79) 2-Chlorotoluene	12.682	91	408491	50.990	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	480326	51.226	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	32318	48.634	ug/l	99
82) 4-Chlorotoluene	12.779	91	423992	50.765	ug/l	100
83) tert-Butylbenzene	12.999	119	430650	51.565	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	478331	51.614	ug/l	99
85) sec-Butylbenzene	13.176	105	629538	51.580	ug/l	100
86) p-Isopropyltoluene	13.292	119	525158	52.060	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	277034	51.047	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	271010	50.543	ug/l	99
89) n-Butylbenzene	13.621	91	483369	51.813	ug/l	100
90) Hexachloroethane	13.877	117	109093	49.351	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	241907	51.205	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	15668	49.009	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	135163	52.758	ug/l	99
94) Hexachlorobutadiene	15.023	225	81141	50.712	ug/l	99
95) Naphthalene	15.145	128	233990	55.101	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	116480	53.316	ug/l	100

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

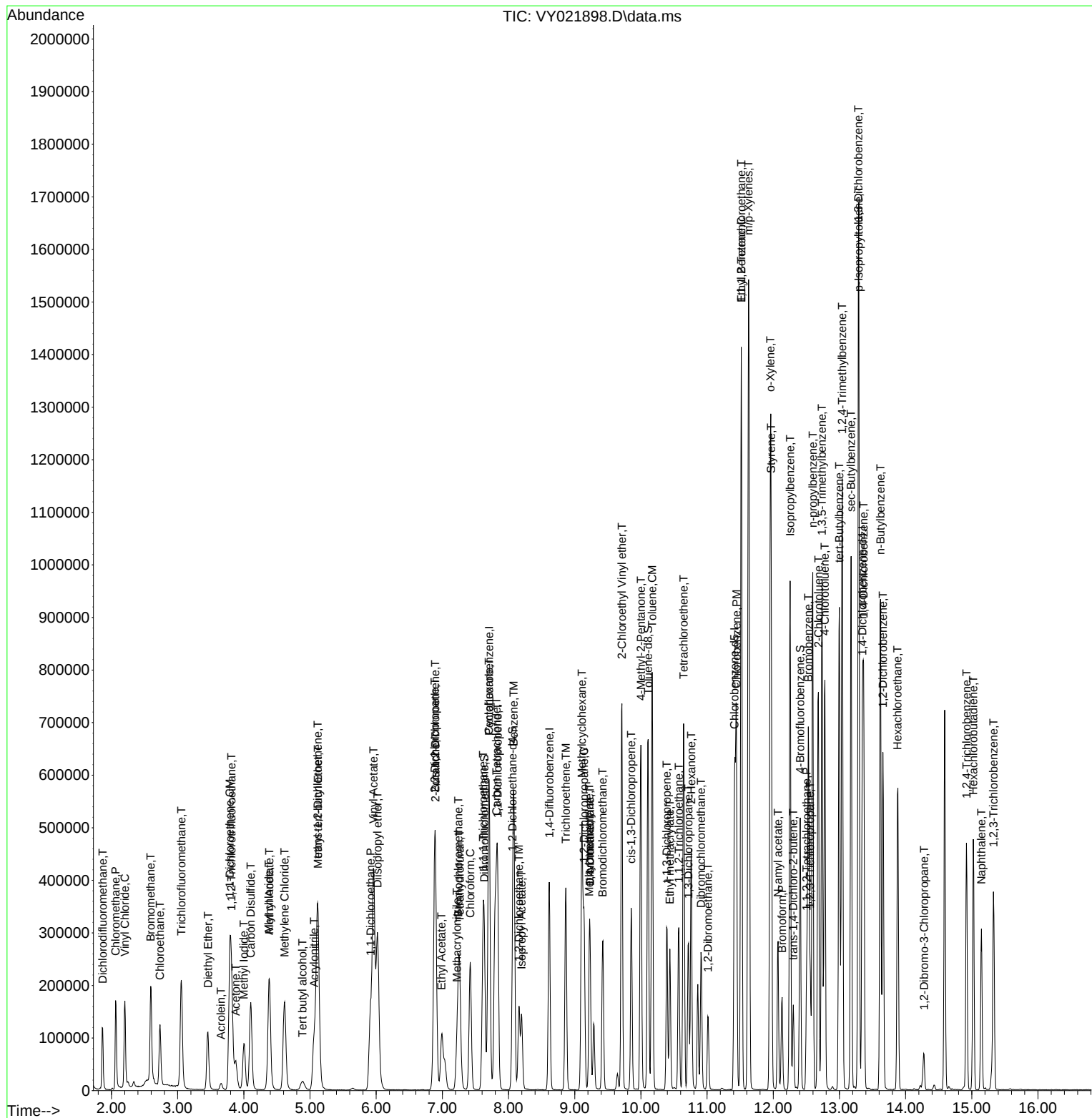
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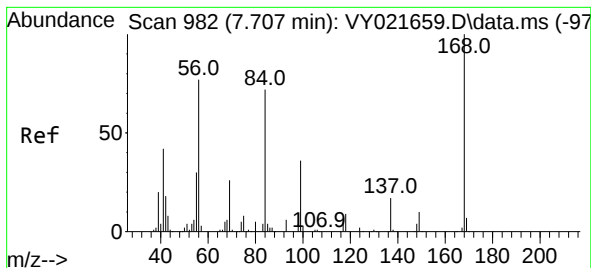
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021898.D

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Instrument :

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Tgt Ion:168 Resp: 214749

Ion Ratio Lower Upper

168 100

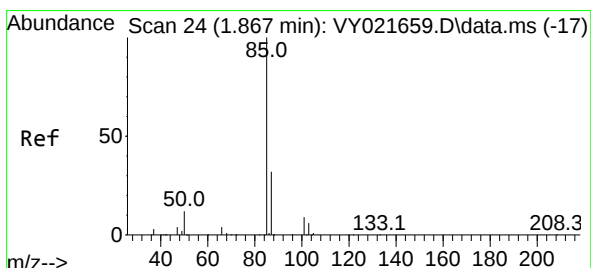
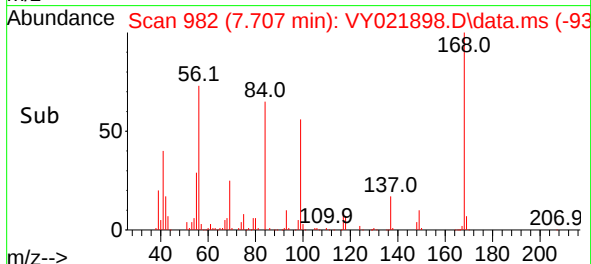
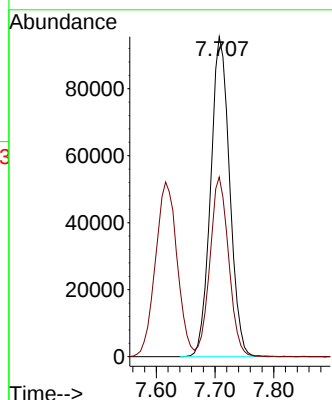
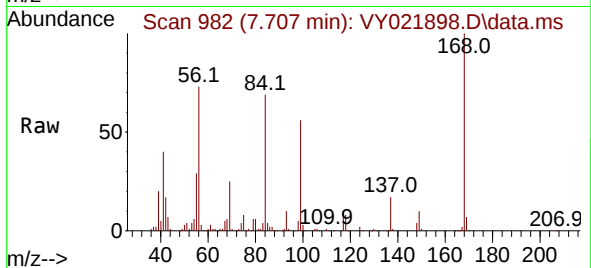
99 56.1 46.7 70.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 43.298 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY021898.D

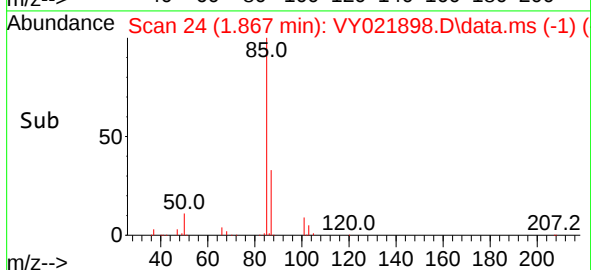
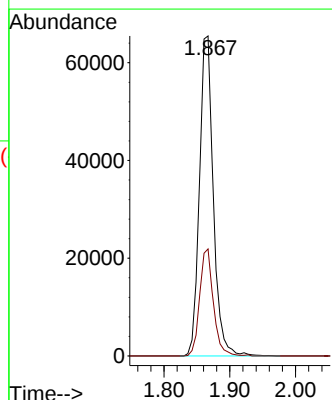
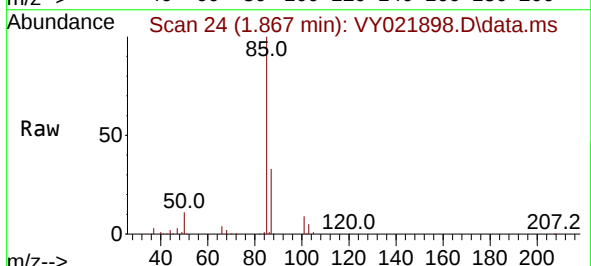
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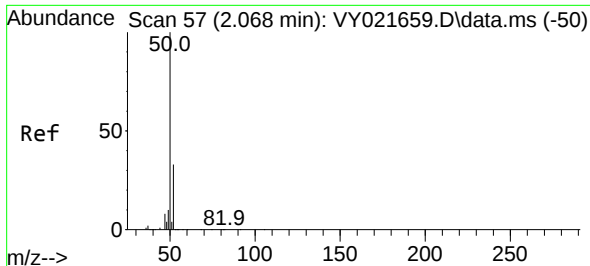
Tgt Ion: 85 Resp: 96373

Ion Ratio Lower Upper

85 100

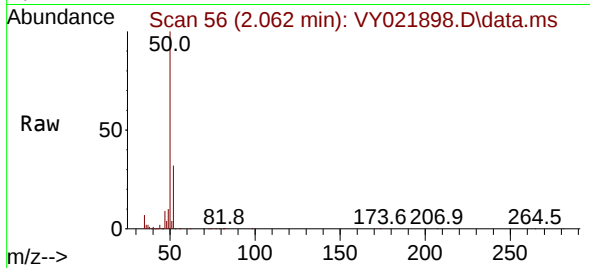
87 33.5 16.2 48.6





#3
Chloromethane
Concen: 45.937 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

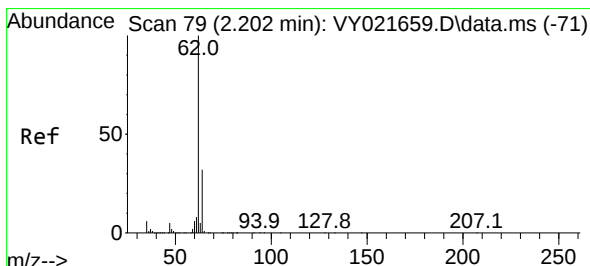
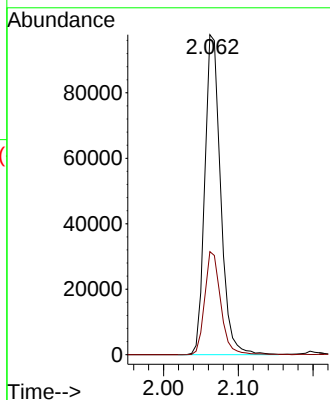
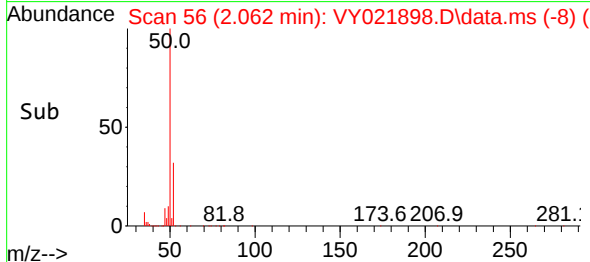
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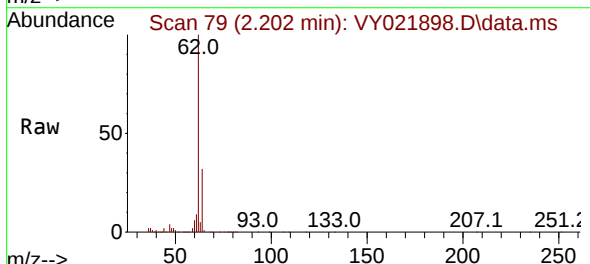
Tgt Ion: 50 Resp: 143770
Ion Ratio Lower Upper
50 100
52 32.2 26.3 39.5

Manual Integrations
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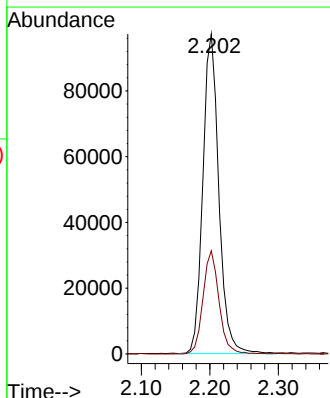
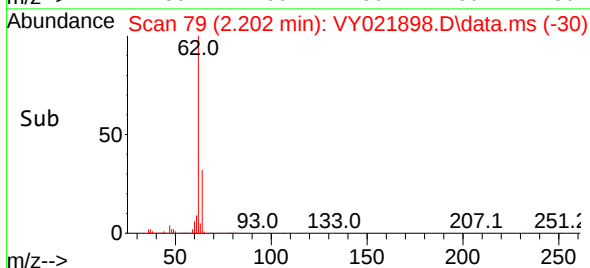
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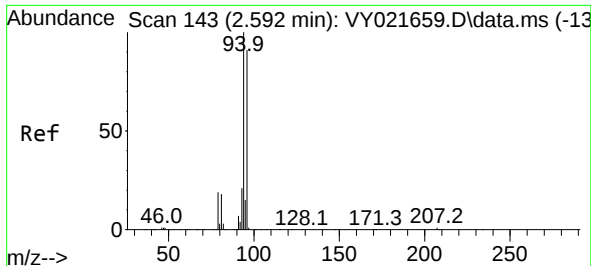


#4
Vinyl Chloride
Concen: 44.714 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57



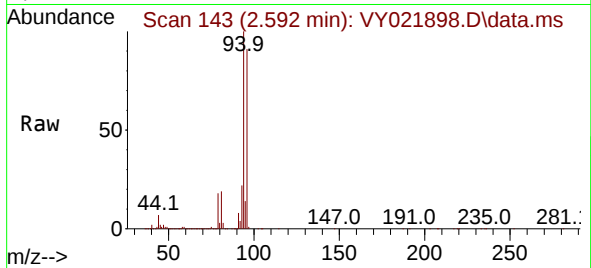
Tgt Ion: 62 Resp: 158266
Ion Ratio Lower Upper
62 100
64 32.2 25.5 38.3





#5
Bromomethane
Concen: 49.189 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021898.D
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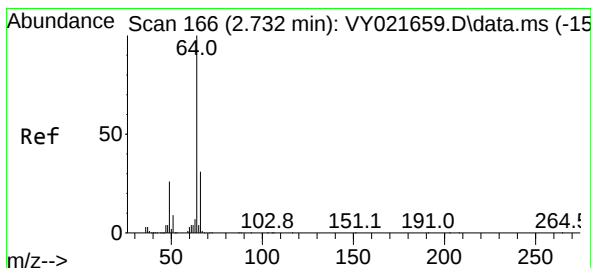
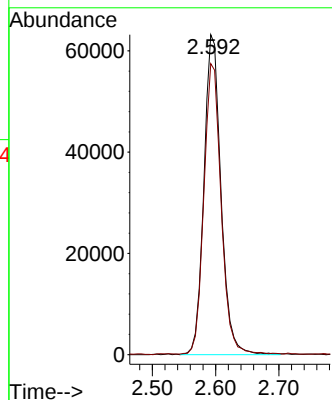
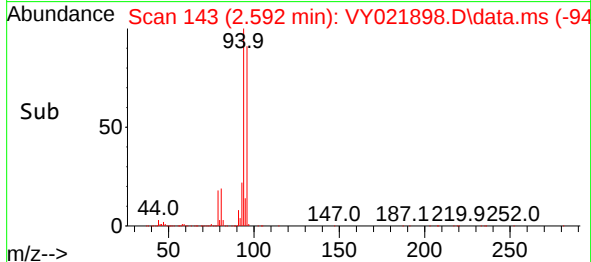
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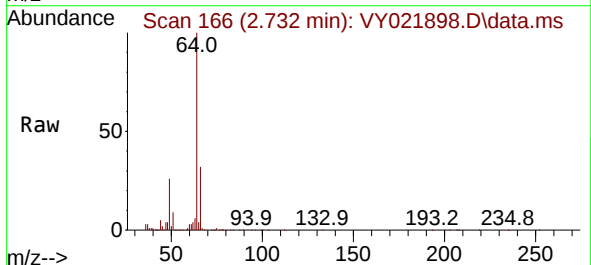
Tgt Ion: 94 Resp: 118748
Ion Ratio Lower Upper
94 100
96 90.8 72.8 109.2

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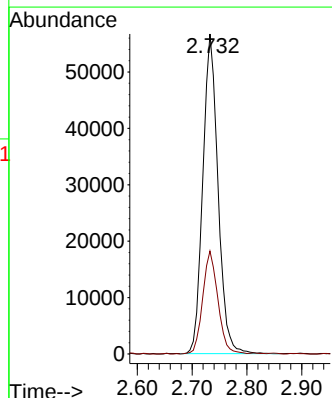
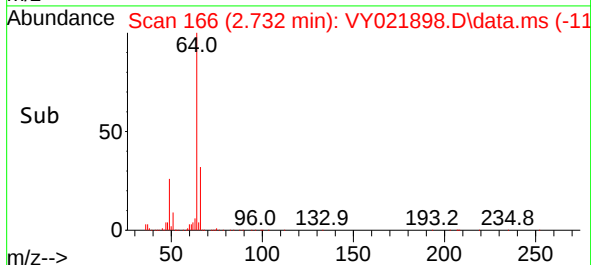
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#6
Chloroethane
Concen: 47.011 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57



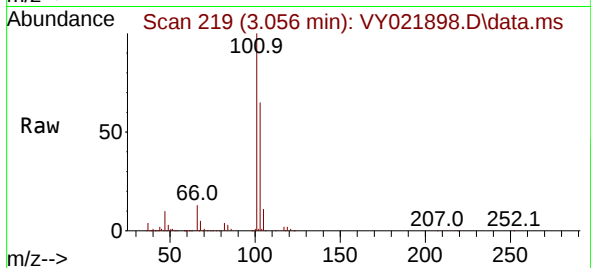
Tgt Ion: 64 Resp: 108884
Ion Ratio Lower Upper
64 100
66 32.2 24.9 37.3





#7
 Trichlorofluoromethane
 Concen: 47.061 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021898.D
 Acq: 15 Apr 2025 15:57

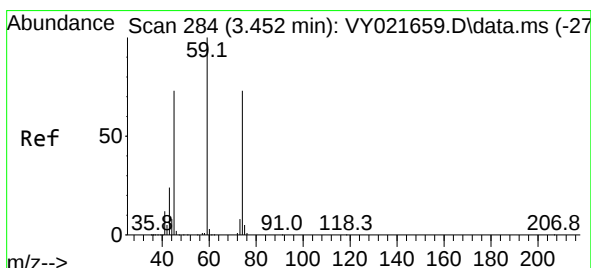
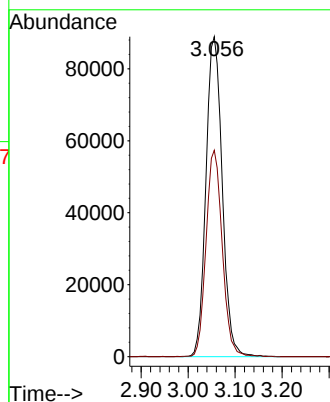
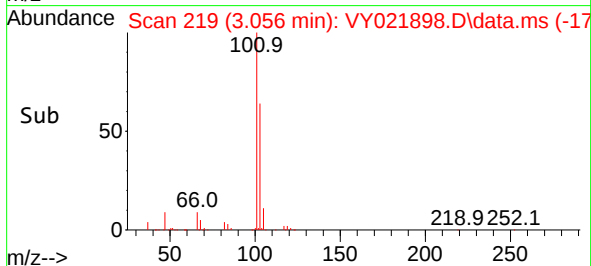
Instrument :
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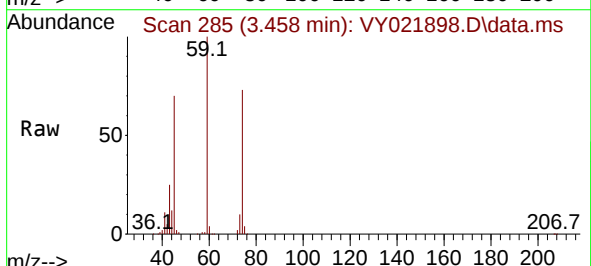
Tgt Ion:101 Resp: 21338
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.1 79.7

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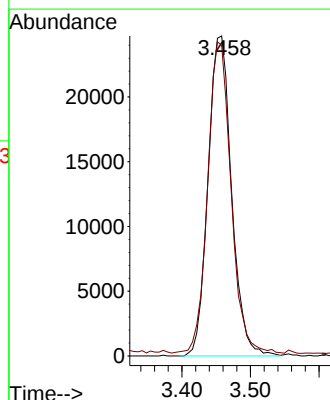
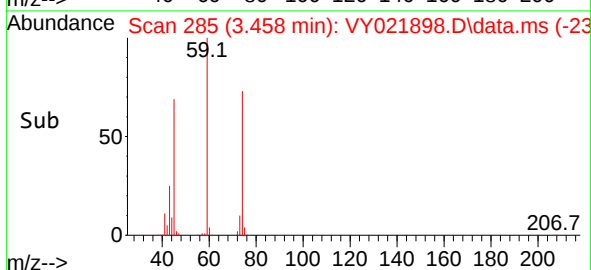
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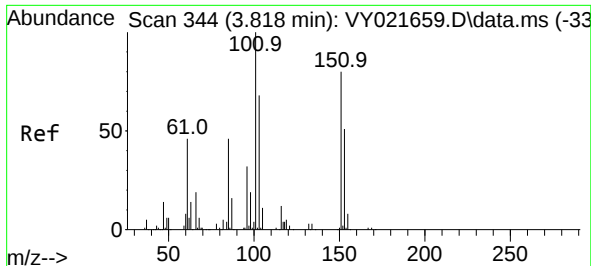


#8
 Diethyl Ether
 Concen: 47.798 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021898.D
 Acq: 15 Apr 2025 15:57



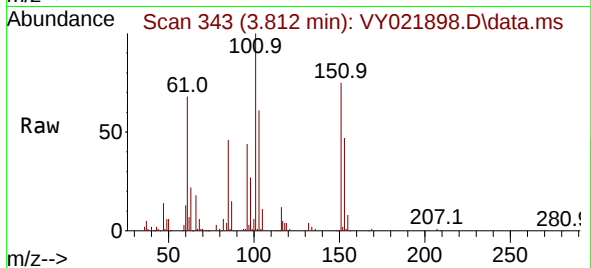
Tgt Ion: 74 Resp: 58938
 Ion Ratio Lower Upper
 74 100
 45 96.5 48.6 145.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.359 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

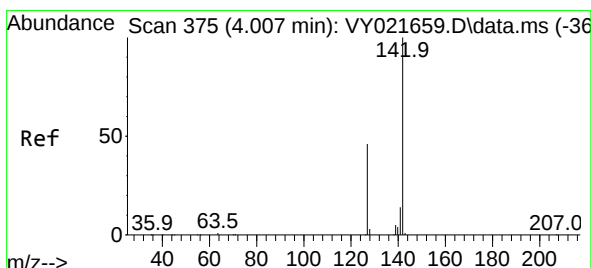
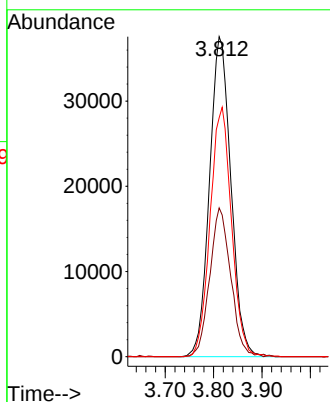
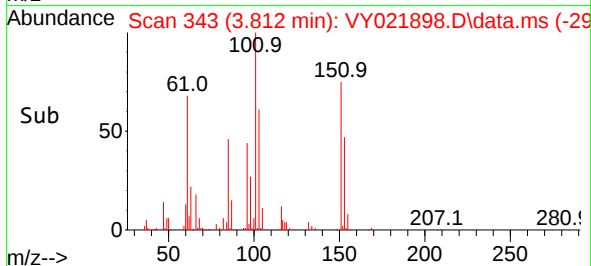
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 115648
Ion Ratio Lower Upper
101 100
85 45.4 36.3 54.5
151 77.9 61.3 91.9

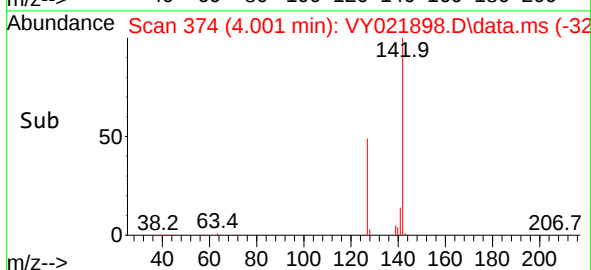
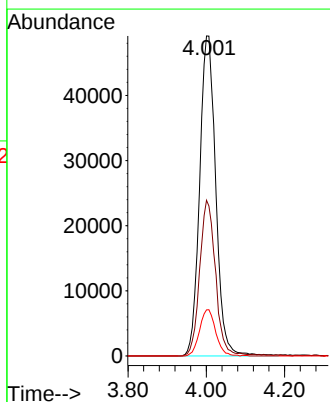
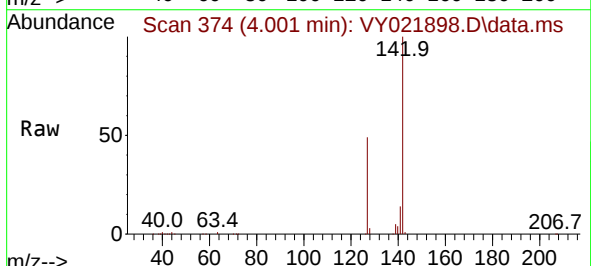
Manual Integrations
APPROVED

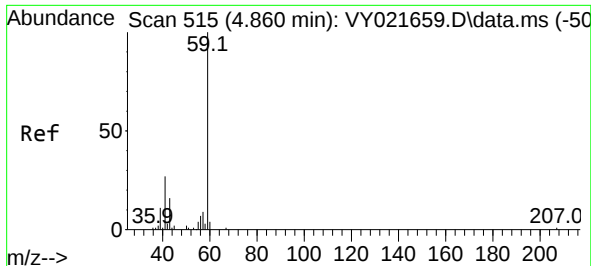
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#10
Methyl Iodide
Concen: 53.537 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

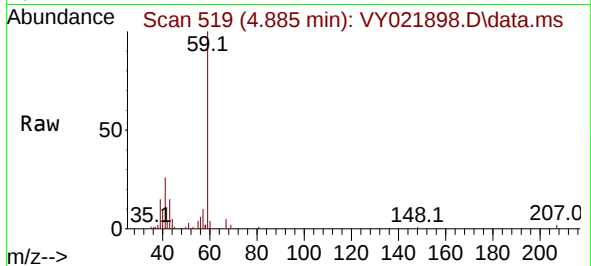
Tgt Ion:142 Resp: 140457
Ion Ratio Lower Upper
142 100
127 47.6 38.7 58.1
141 14.4 11.5 17.3





#11
Tert butyl alcohol
Concen: 230.540 ug/l
RT: 4.885 min Scan# 515
Delta R.T. 0.025 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

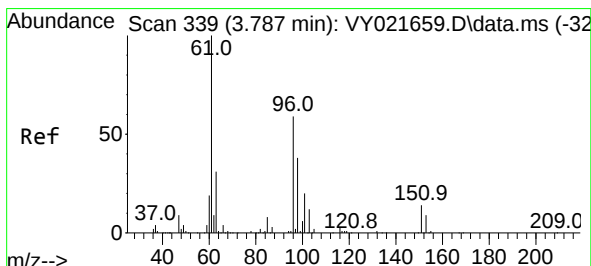
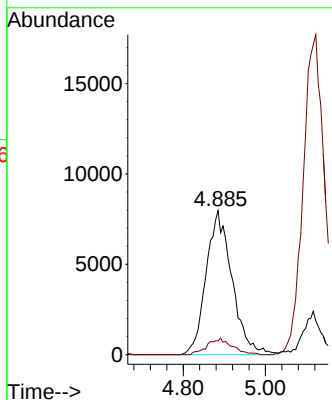
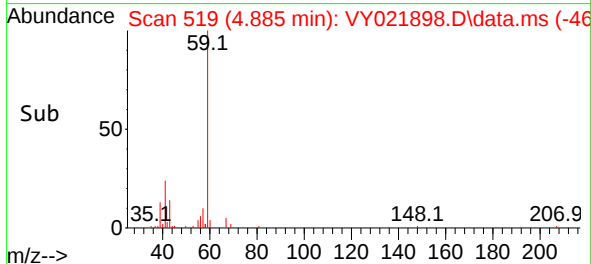
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 3484
Ion Ratio Lower Upper
59 100
57 10.9 9.2 13.8

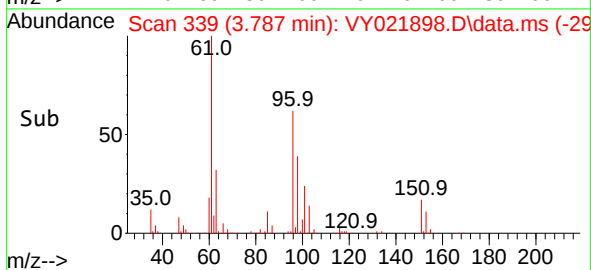
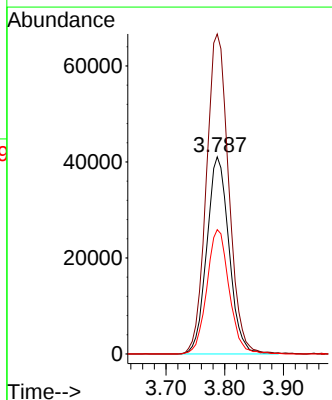
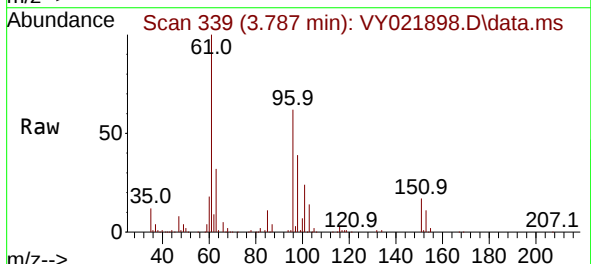
Manual Integrations
APPROVED

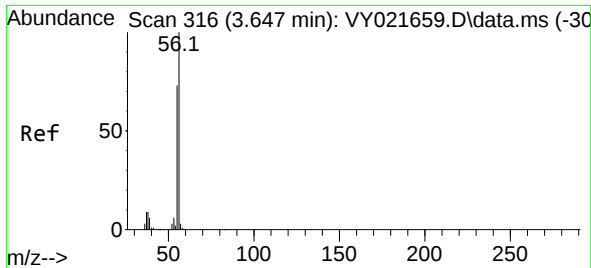
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#12
1,1-Dichloroethene
Concen: 47.952 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

Tgt Ion: 96 Resp: 108013
Ion Ratio Lower Upper
96 100
61 162.4 136.6 204.8
98 63.1 52.3 78.5





#13

Acrolein

Concen: 52.053 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021898.D

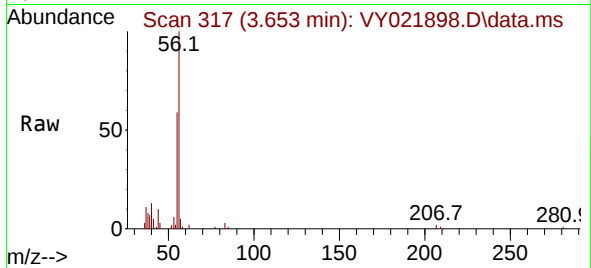
Acq: 15 Apr 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 1436

Ion Ratio Lower Upper

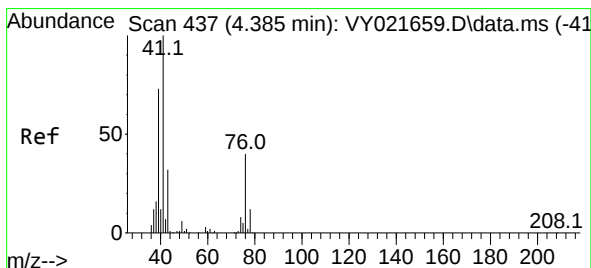
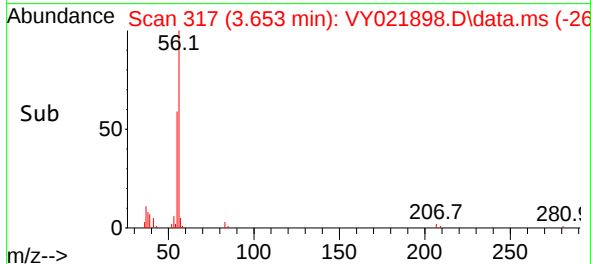
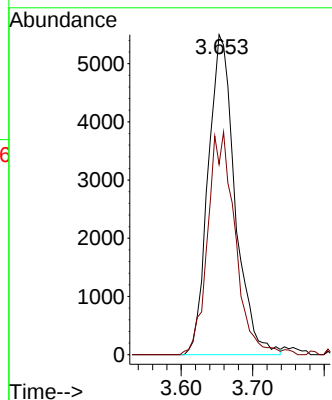
56 100

55 70.6 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#14

Allyl chloride

Concen: 47.698 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

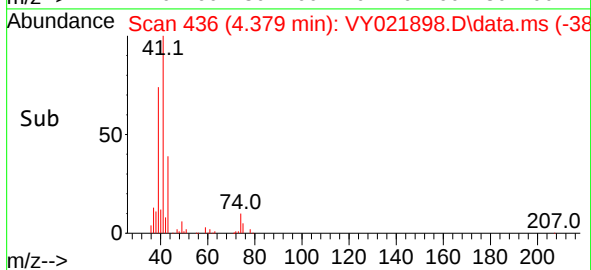
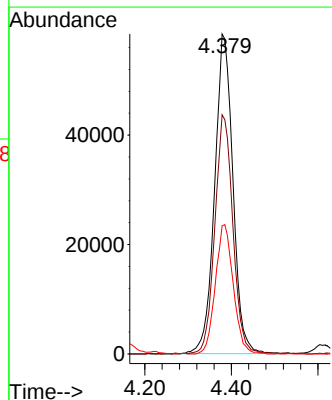
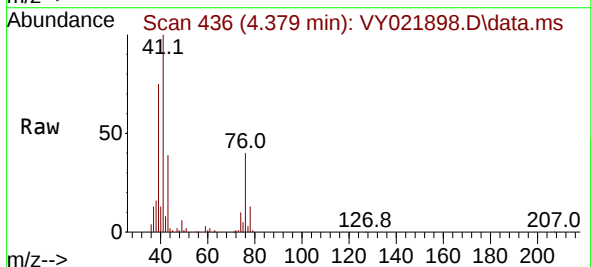
Tgt Ion: 41 Resp: 171305

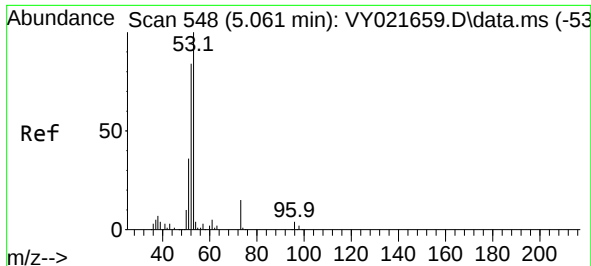
Ion Ratio Lower Upper

41 100

39 74.1 58.6 88.0

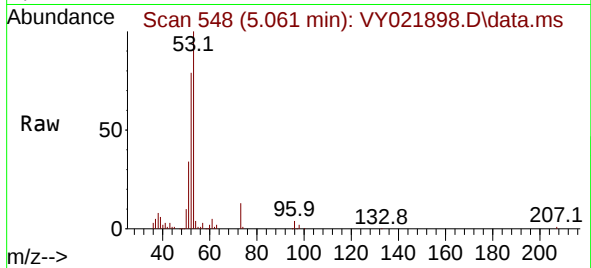
76 39.7 30.3 45.5





#15
Acrylonitrile
Concen: 249.065 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

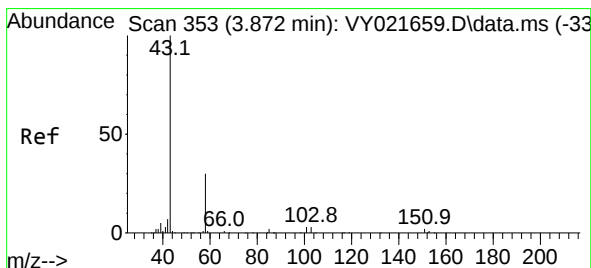
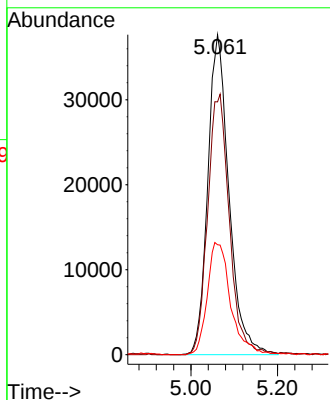
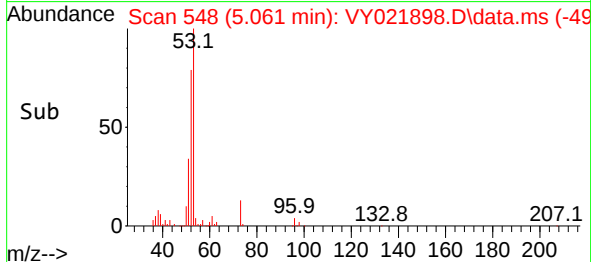
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



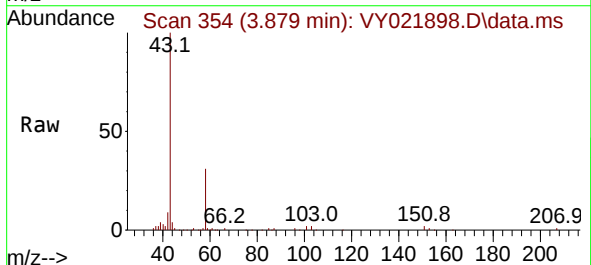
Tgt Ion: 53 Resp: 128230
Ion Ratio Lower Upper
53 100
52 83.2 64.9 97.3
51 38.6 30.2 45.2

Manual Integrations
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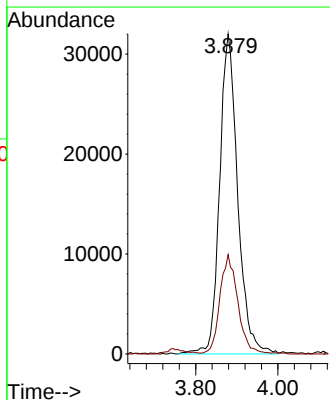
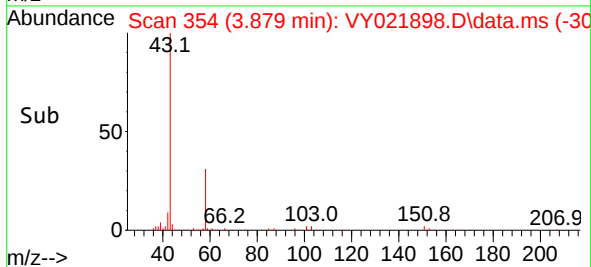
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

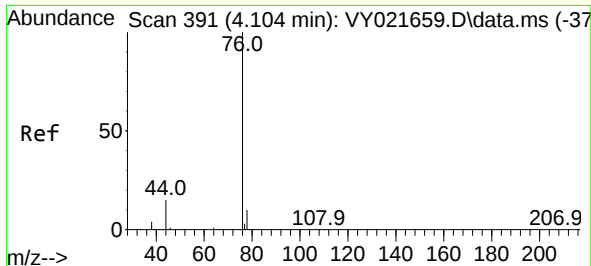


#16
Acetone
Concen: 205.219 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57



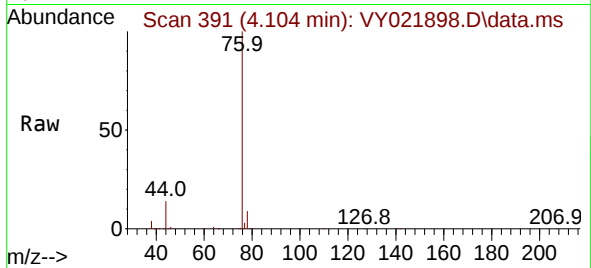
Tgt Ion: 43 Resp: 97724
Ion Ratio Lower Upper
43 100
58 30.8 24.2 36.4





#17
Carbon Disulfide
Concen: 44.234 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

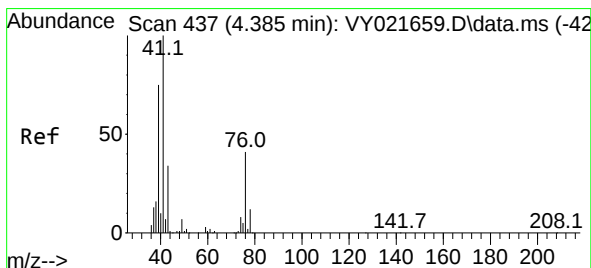
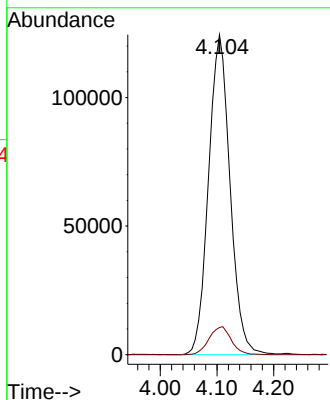
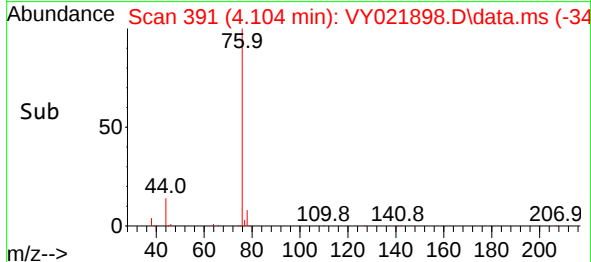
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 32817
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4

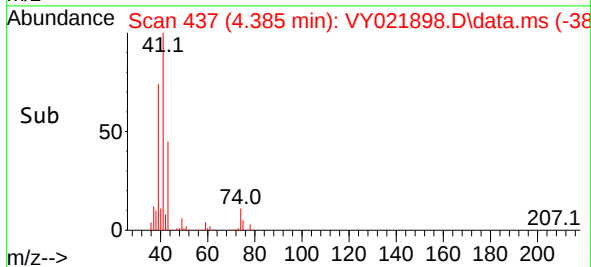
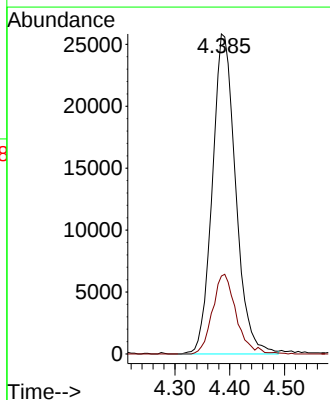
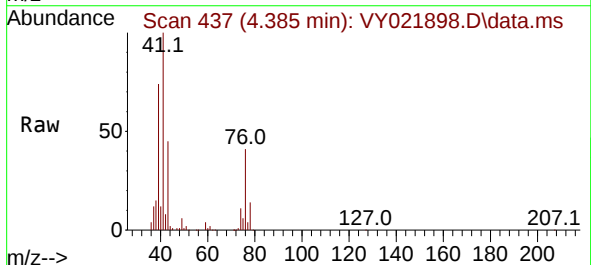
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#18
Methyl Acetate
Concen: 64.629 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

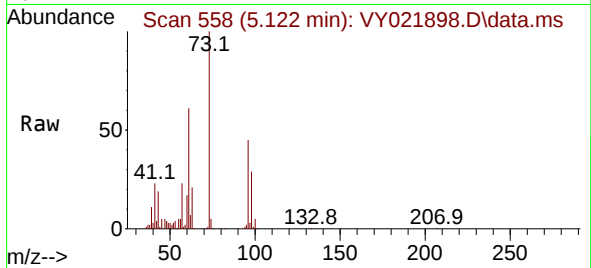
Tgt Ion: 43 Resp: 76275
Ion Ratio Lower Upper
43 100
74 25.3 19.1 28.7





#19
Methyl tert-butyl Ether
Concen: 51.929 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

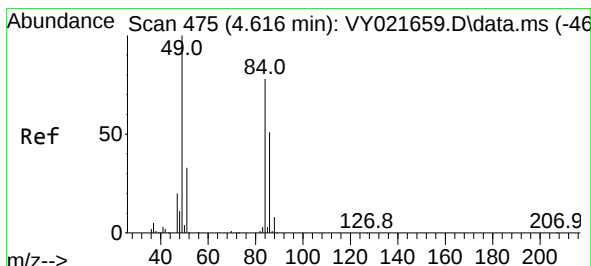
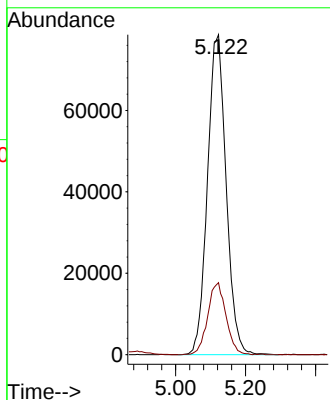
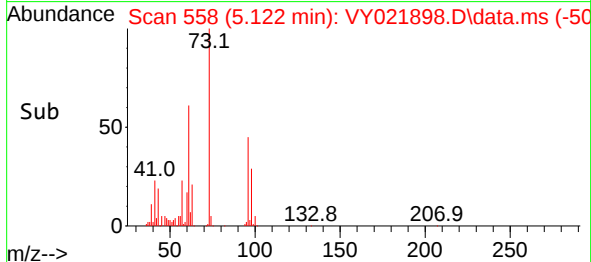
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



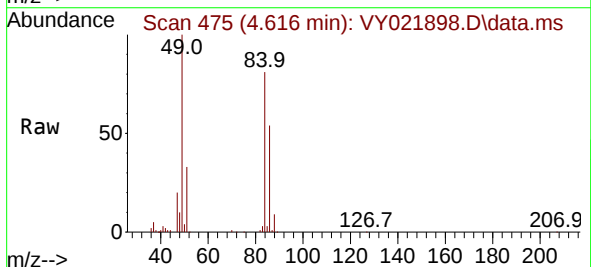
Tgt Ion: 73 Resp: 29121
Ion Ratio Lower Upper
73 100
57 22.5 18.1 27.1

Manual Integrations
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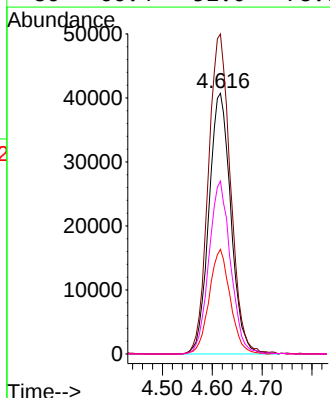
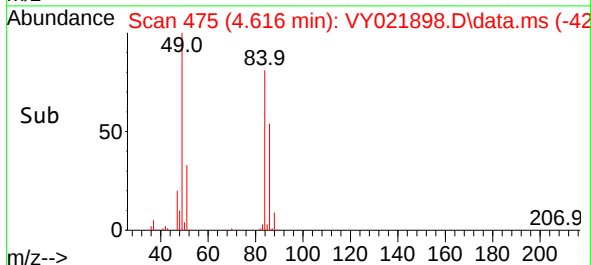
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#20
Methylene Chloride
Concen: 53.709 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57



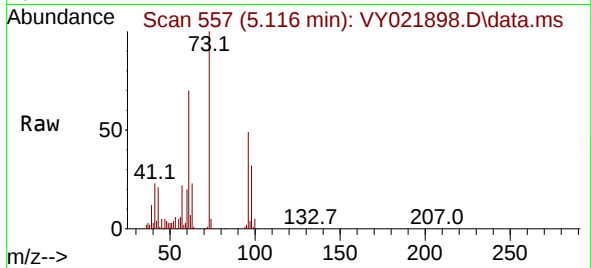
Tgt Ion: 84 Resp: 124482
Ion Ratio Lower Upper
84 100
49 122.8 102.8 154.2
51 40.1 33.5 50.3
86 66.4 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 48.977 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

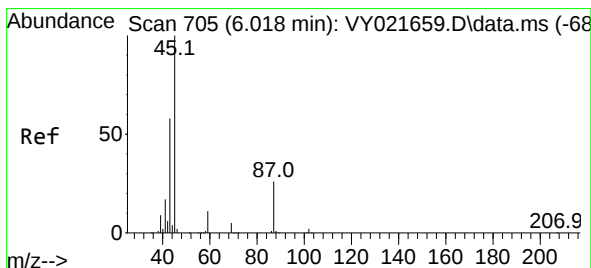
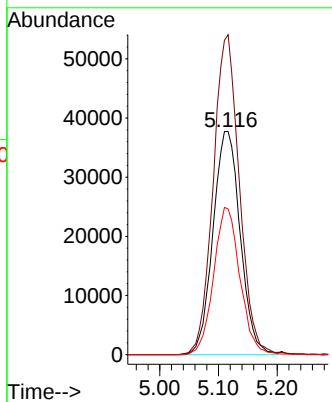
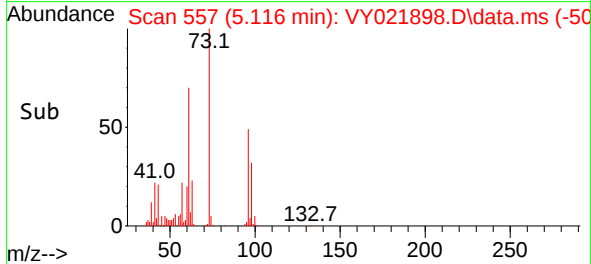
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



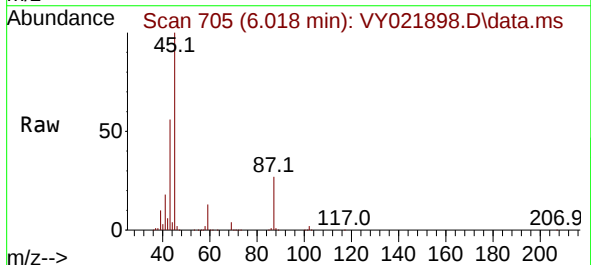
Tgt Ion: 96 Resp: 121468
Ion Ratio Lower Upper
96 100
61 143.3 109.4 164.0
98 65.3 50.2 75.2

Manual Integrations
APPROVED

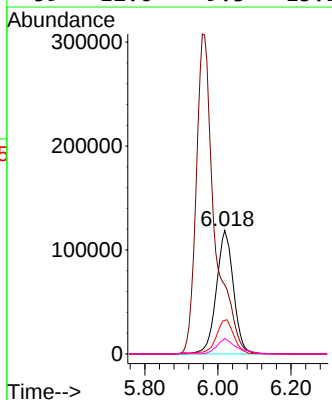
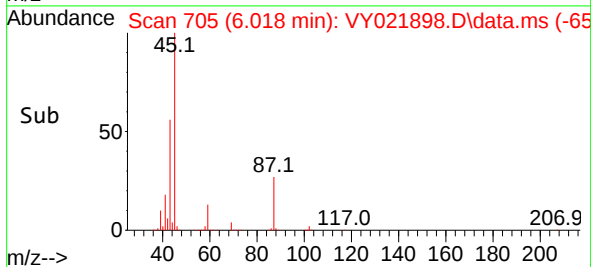
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

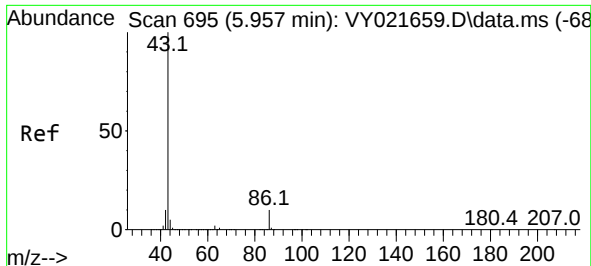


#22
Diisopropyl ether
Concen: 51.338 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57



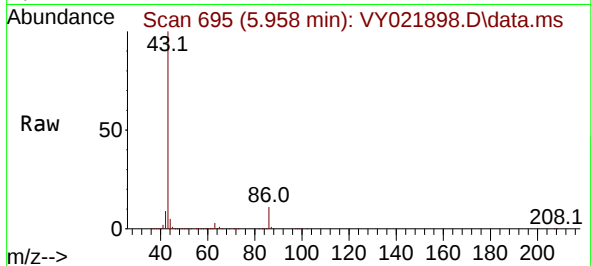
Tgt Ion: 45 Resp: 386771
Ion Ratio Lower Upper
45 100
43 55.8 46.6 69.8
87 27.2 20.7 31.1
59 12.6 9.3 13.9





#23
 Vinyl Acetate
 Concen: 243.599 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021898.D
 Acq: 15 Apr 2025 15:57

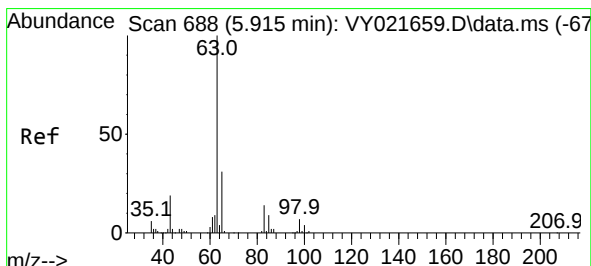
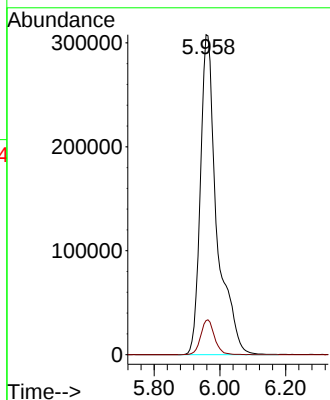
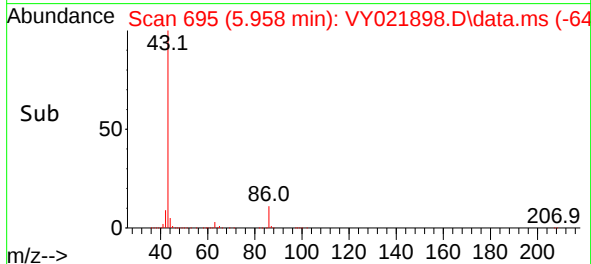
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



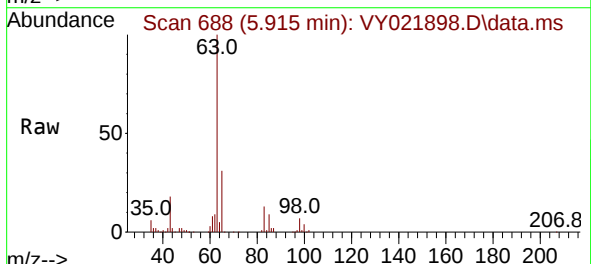
Tgt Ion: 43 Resp: 1073630
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.2 12.2

Manual Integrations
 APPROVED

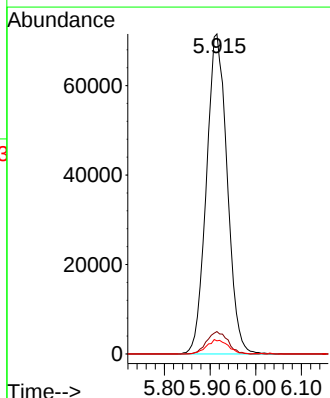
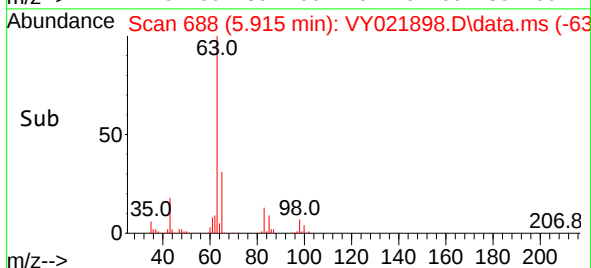
Reviewed By :Mahesh Dadoda 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025

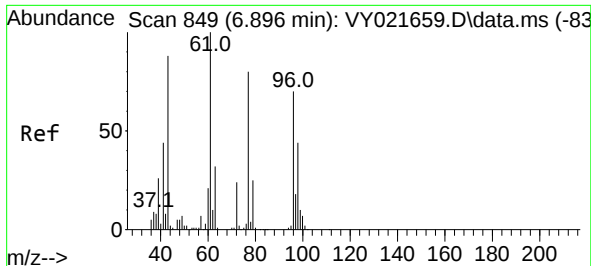


#24
 1,1-Dichloroethane
 Concen: 50.087 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021898.D
 Acq: 15 Apr 2025 15:57



Tgt Ion: 63 Resp: 225638
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.1 2.2 6.6





#25

2-Butanone

Concen: 236.821 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 161074

Ion Ratio Lower Upper

43 100

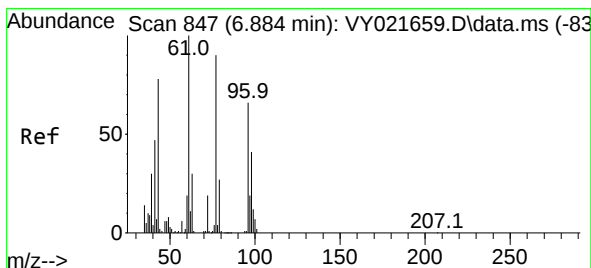
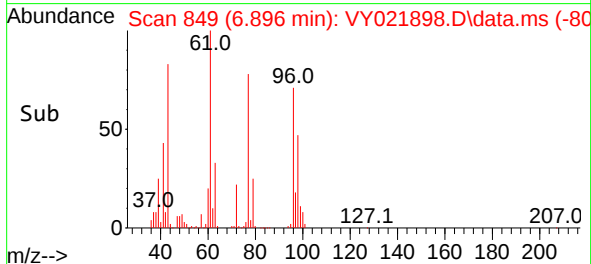
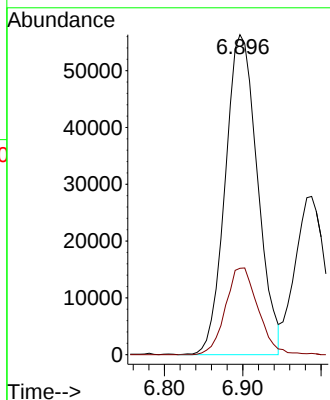
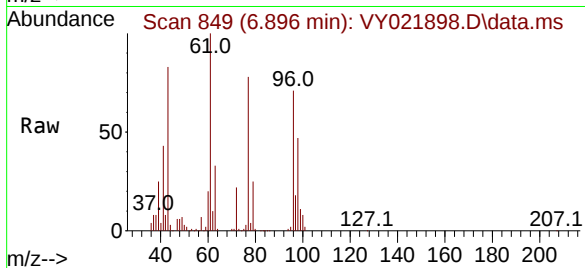
72 27.0 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#26

2,2-Dichloropropane

Concen: 48.223 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021898.D

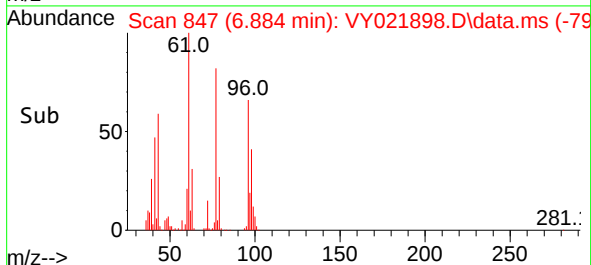
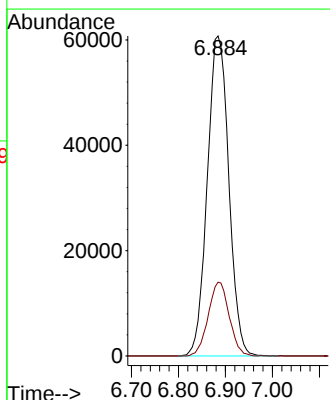
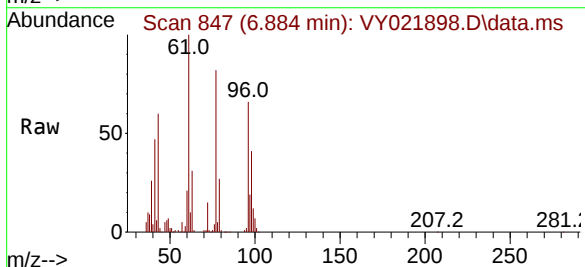
Acq: 15 Apr 2025 15:57

Tgt Ion: 77 Resp: 193239

Ion Ratio Lower Upper

77 100

97 22.5 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 51.146 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021898.D

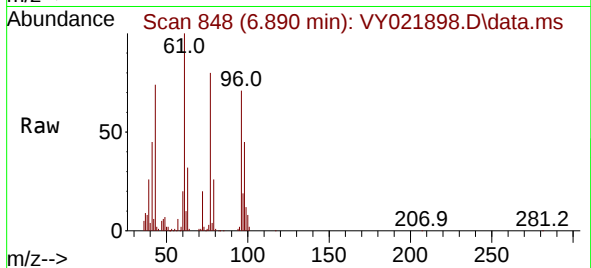
Acq: 15 Apr 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 96 Resp: 14264

Ion Ratio Lower Upper

96 100

61 142.8 0.0 296.4

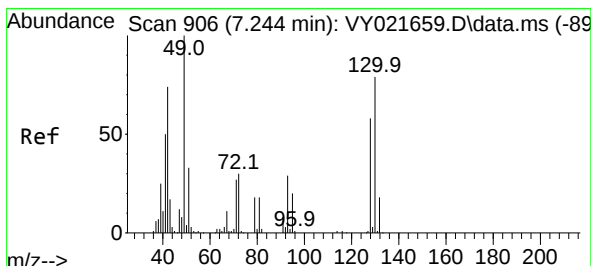
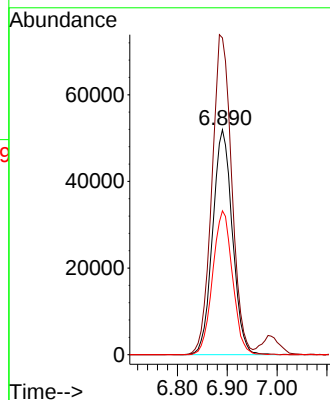
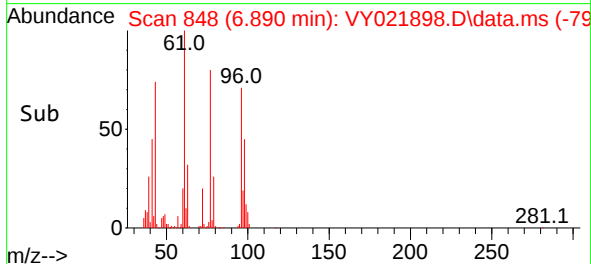
98 64.4 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#28

Bromochloromethane

Concen: 49.110 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

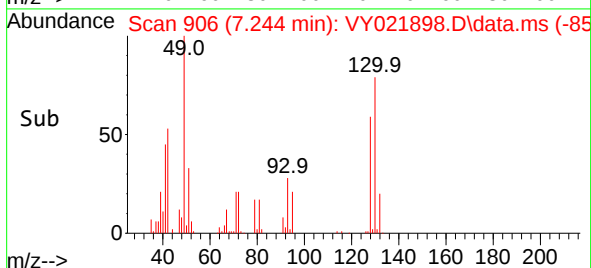
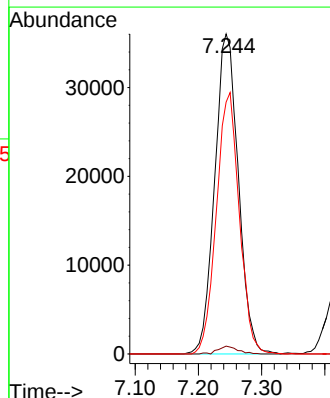
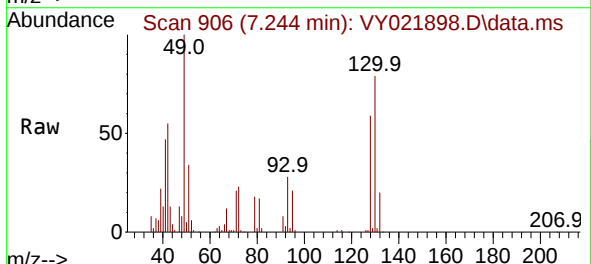
Tgt Ion: 49 Resp: 93303

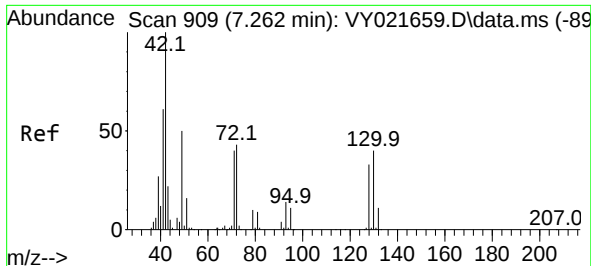
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

130 79.3 60.1 90.1





#29

Tetrahydrofuran

Concen: 250.458 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

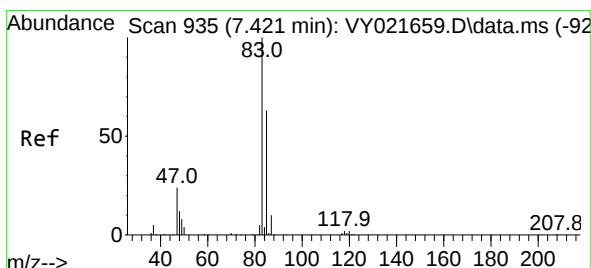
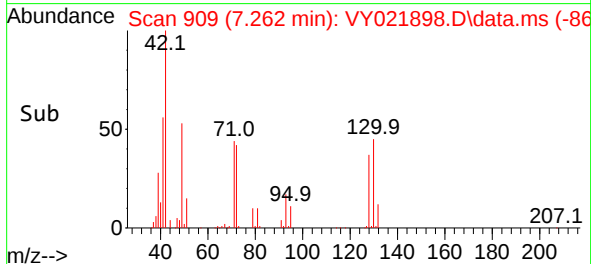
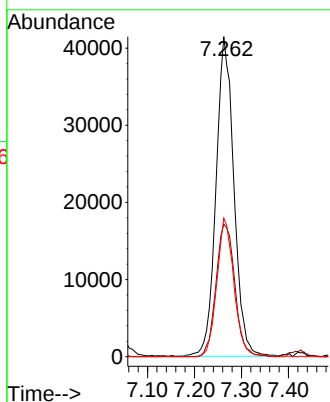
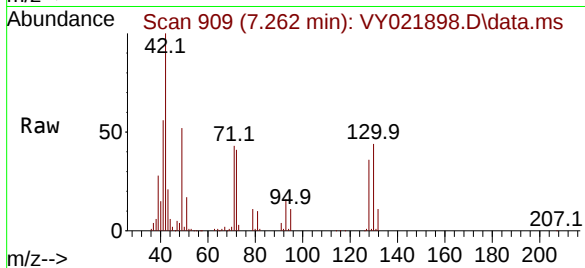
VSTDCCC050EC

Tgt Ion:	42	Resp:	10963
Ion Ratio	Lower	Upper	
42	100		
72	43.7	34.6	52.0
71	41.5	32.5	48.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#30

Chloroform

Concen: 50.808 ug/l

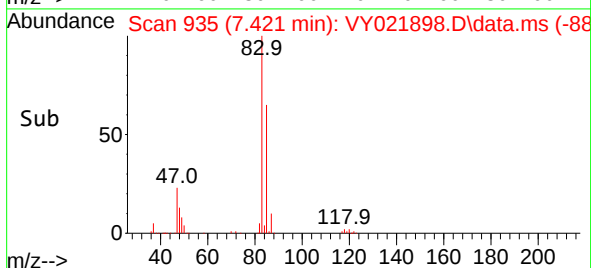
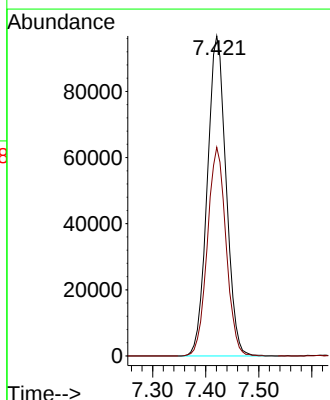
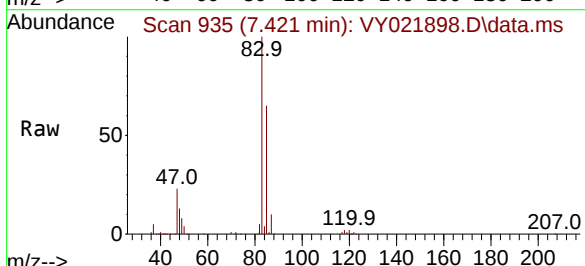
RT: 7.421 min Scan# 935

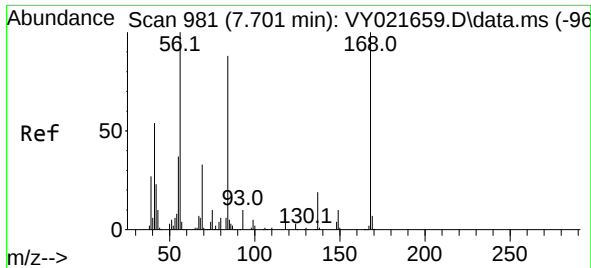
Delta R.T. 0.000 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

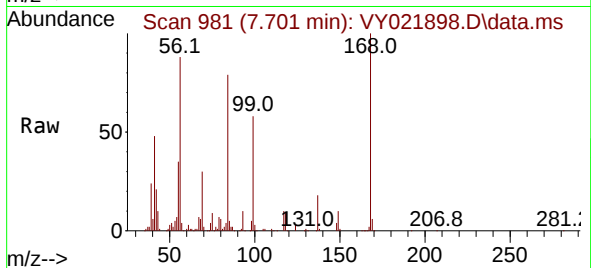
Tgt Ion:	83	Resp:	238063
Ion Ratio	Lower	Upper	
83	100		
85	65.2	50.6	75.8





#31
Cyclohexane
Concen: 45.444 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

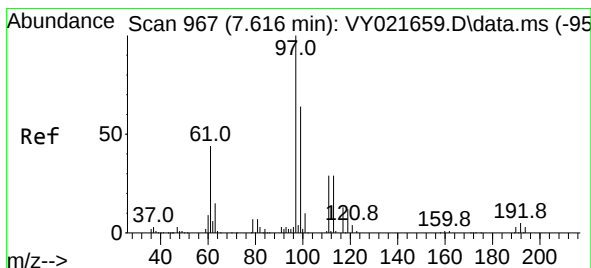
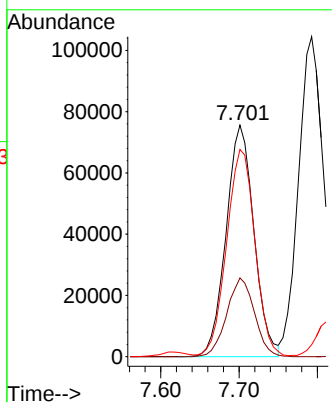
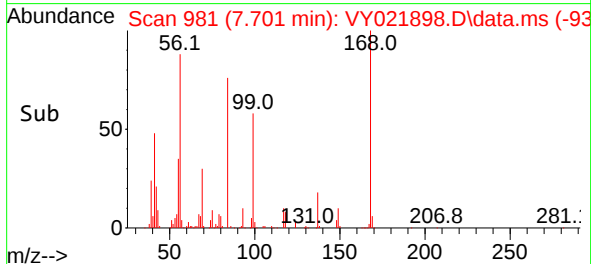
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



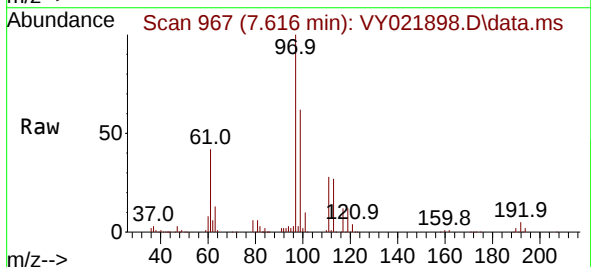
Tgt Ion: 56 Resp: 186620
Ion Ratio Lower Upper
56 100
69 34.0 26.6 40.0
84 87.6 69.0 103.4

Manual Integrations
APPROVED

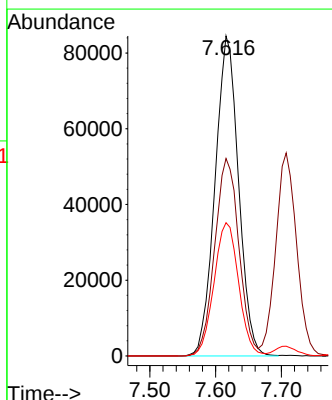
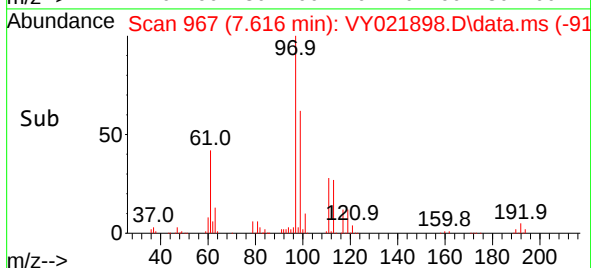
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

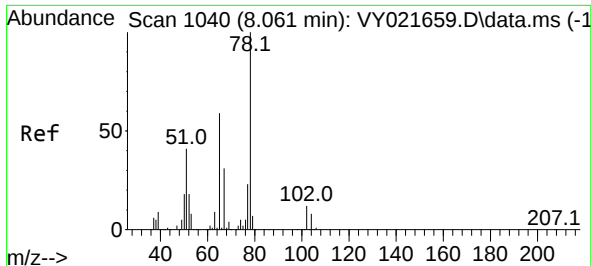


#32
1,1,1-Trichloroethane
Concen: 49.648 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57



Tgt Ion: 97 Resp: 210255
Ion Ratio Lower Upper
97 100
99 63.7 50.7 76.1
61 43.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.719 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 118010

Ion Ratio Lower Upper

65 100

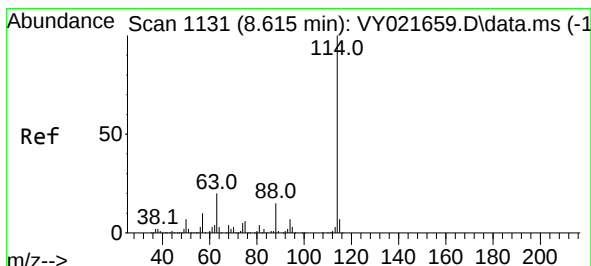
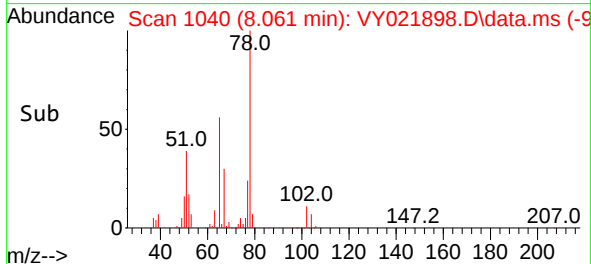
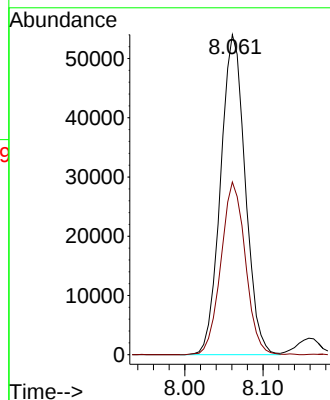
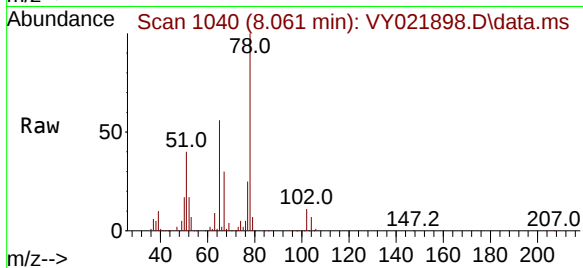
67 53.5 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

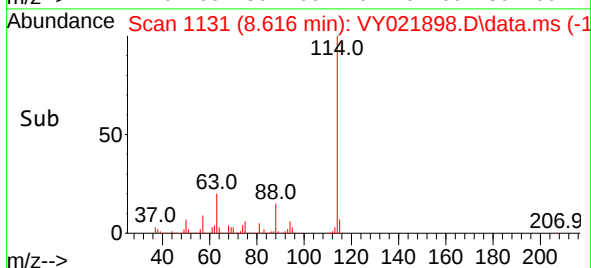
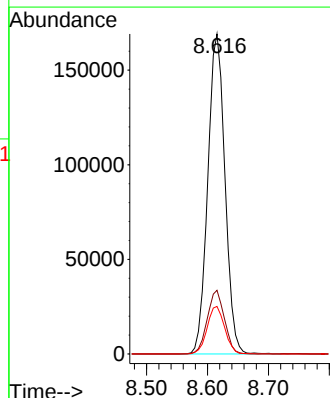
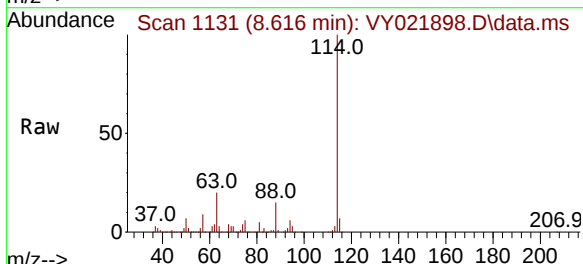
Tgt Ion:114 Resp: 331308

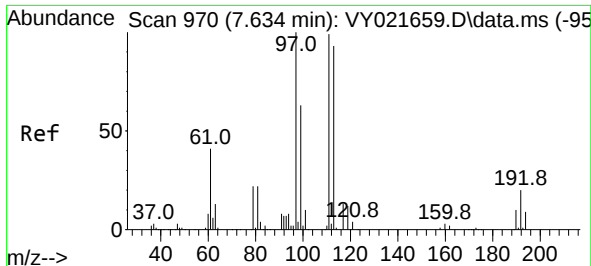
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

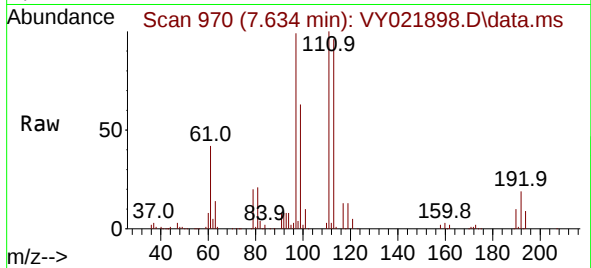
88 14.9 0.0 29.8





#35
Dibromofluoromethane
Concen: 53.009 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

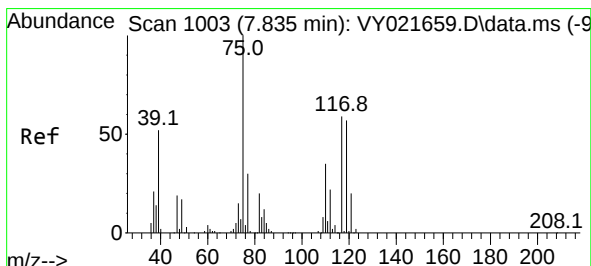
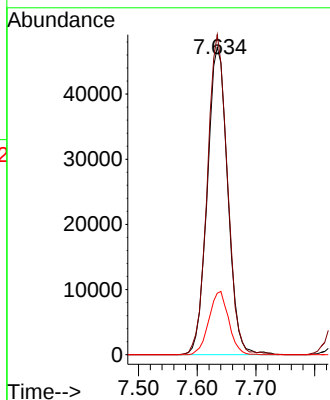
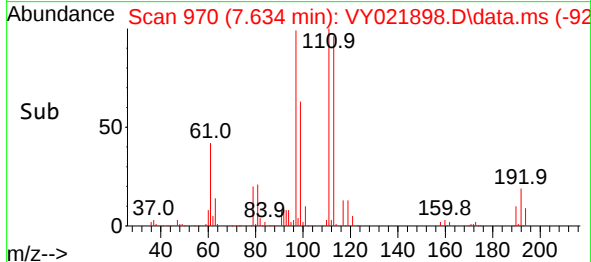
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 11392
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 19.9 16.2 24.4

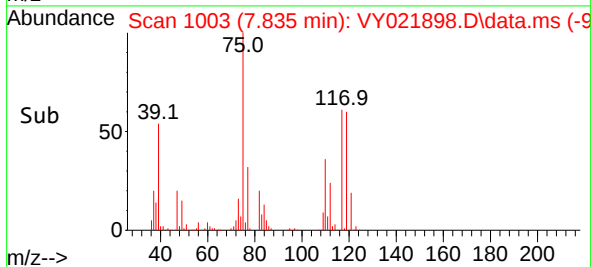
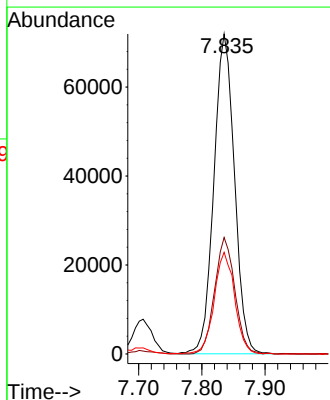
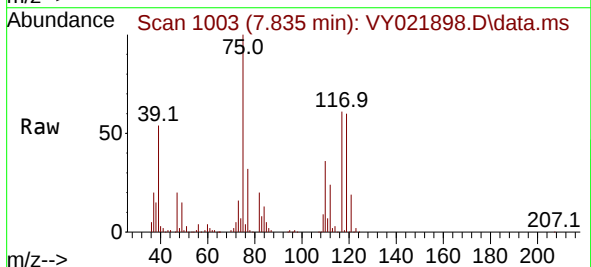
Manual Integrations
APPROVED

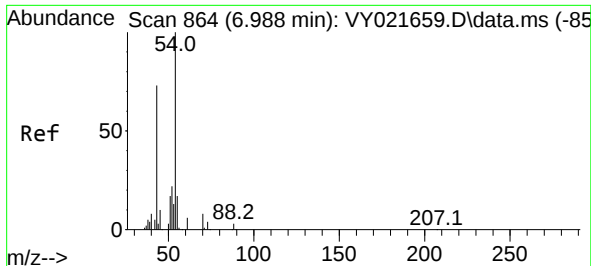
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#36
1,1-Dichloropropene
Concen: 49.621 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

Tgt Ion: 75 Resp: 162432
Ion Ratio Lower Upper
75 100
110 35.7 17.0 50.9
77 31.8 24.8 37.2





#37

Ethyl Acetate

Concen: 50.352 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021898.D

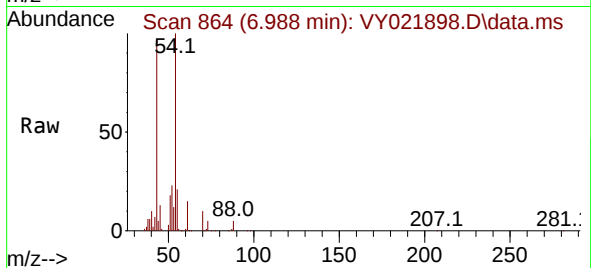
Acq: 15 Apr 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

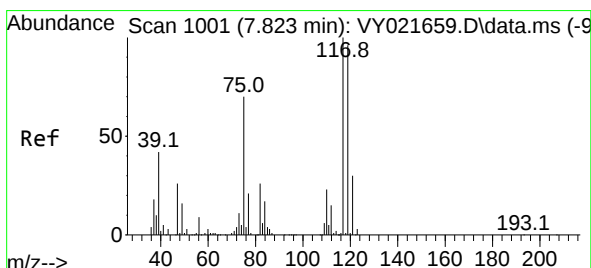
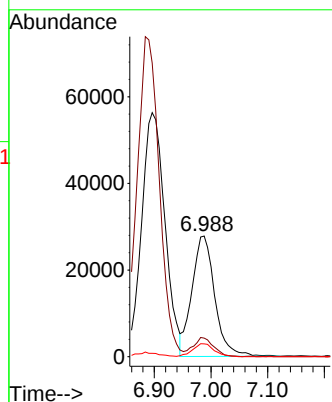
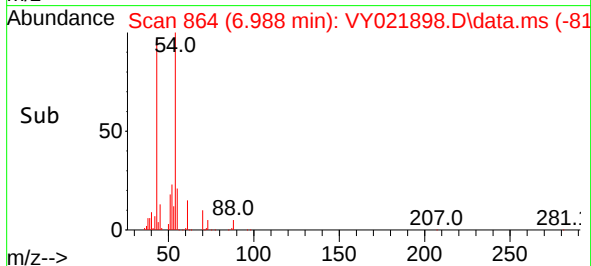


Tgt Ion:	43	Resp:	77789
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.0	16.6
70	10.1	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#38

Carbon Tetrachloride

Concen: 50.632 ug/l

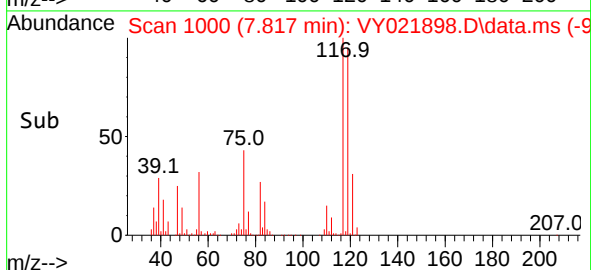
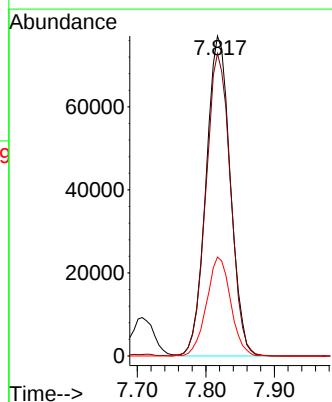
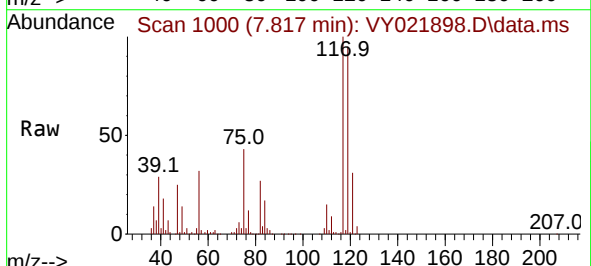
RT: 7.817 min Scan# 1000

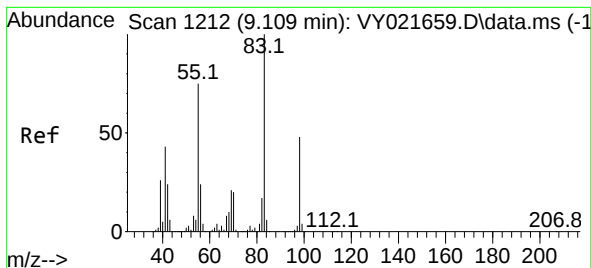
Delta R.T. -0.006 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

Tgt Ion:	117	Resp:	189832
Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.2	114.4
121	30.9	24.2	36.4





#39

Methylcyclohexane

Concen: 50.499 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021898.D

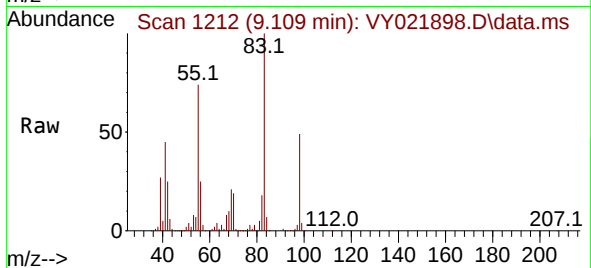
Acq: 15 Apr 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

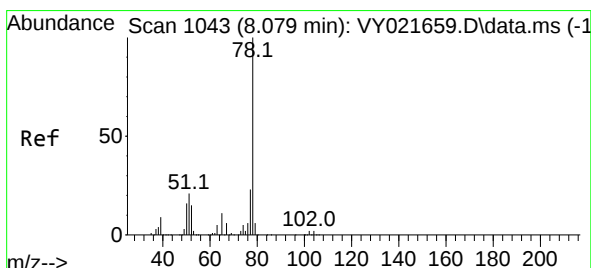
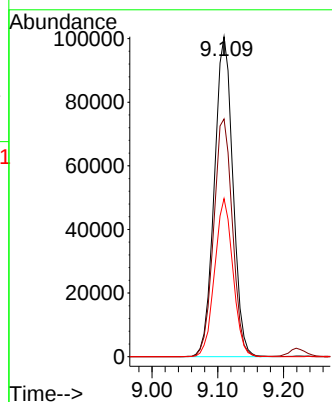
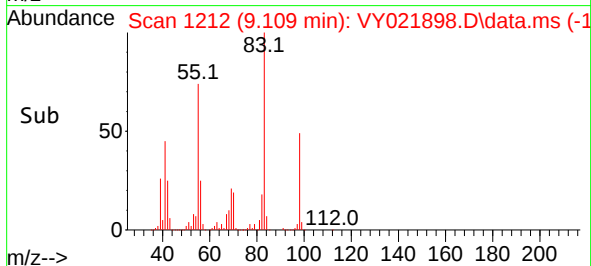


Tgt Ion:	83	Resp:	197470
Ion	Ratio	Lower	Upper
83	100		
55	74.3	59.7	89.5
98	49.4	38.3	57.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#40

Benzene

Concen: 51.062 ug/l

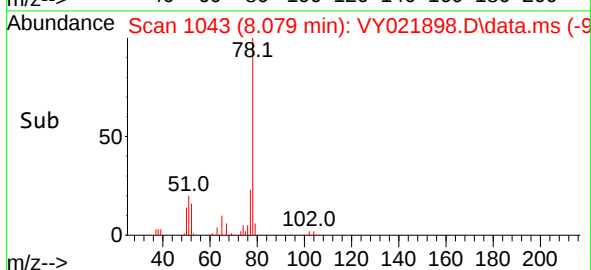
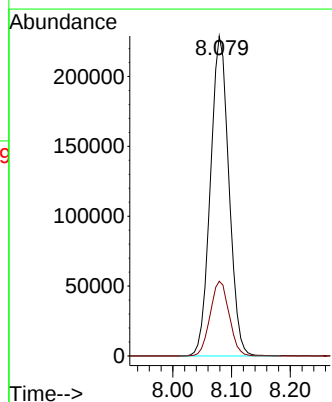
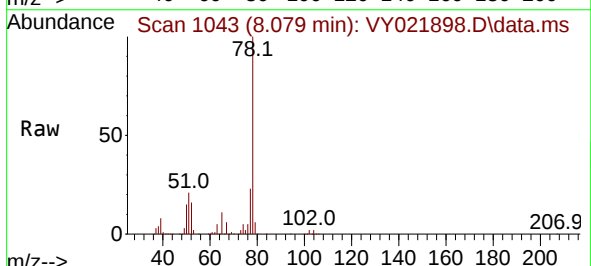
RT: 8.079 min Scan# 1043

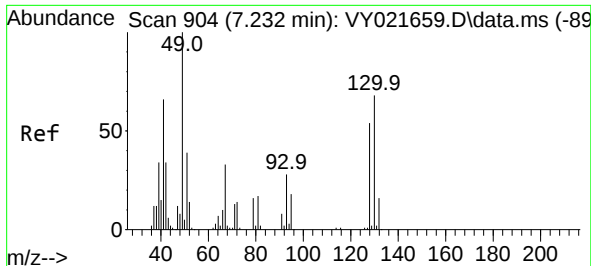
Delta R.T. 0.000 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

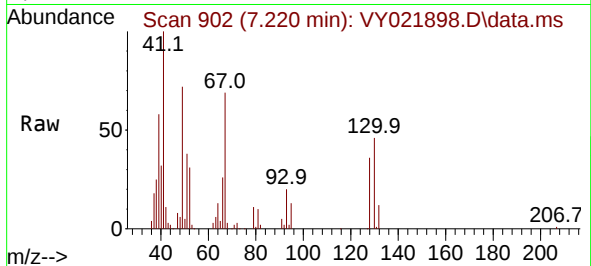
Tgt Ion:	78	Resp:	500570
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2





#41
Methacrylonitrile
Concen: 53.538 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

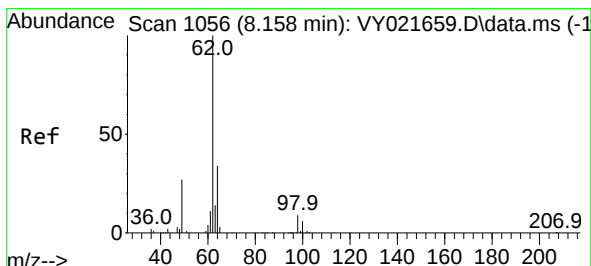
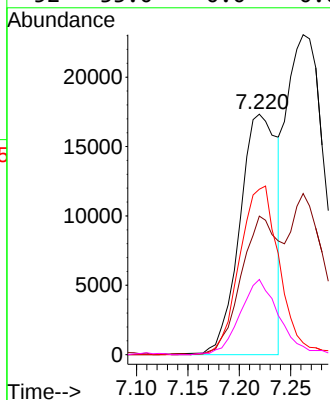
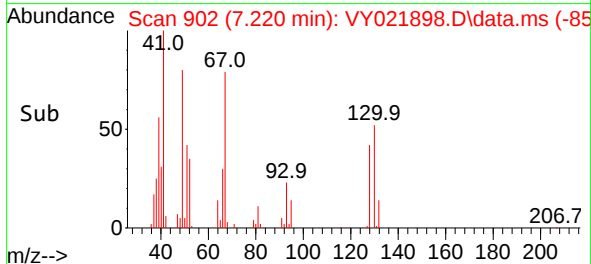
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 43925
Ion Ratio Lower Upper
41 100
39 61.4 0.0 0.0
67 75.1 0.0 0.0
52 33.0 0.0 0.0

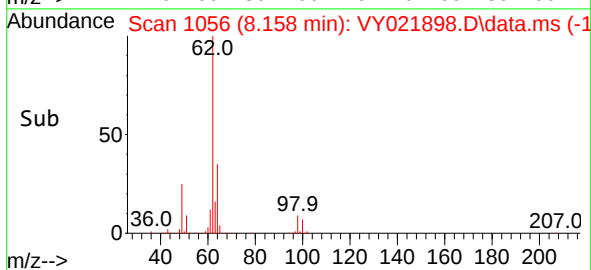
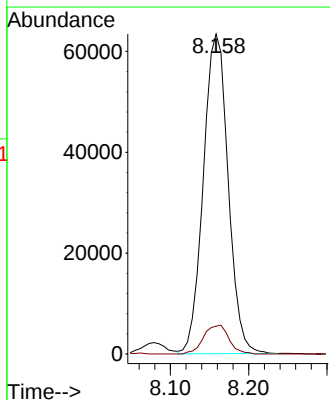
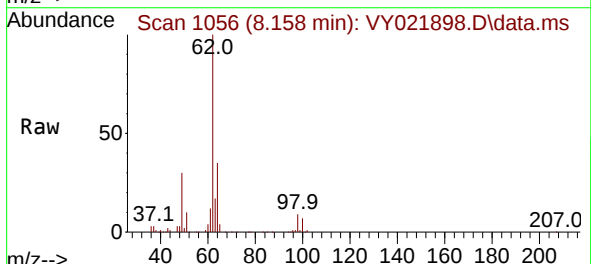
Manual Integrations
APPROVED

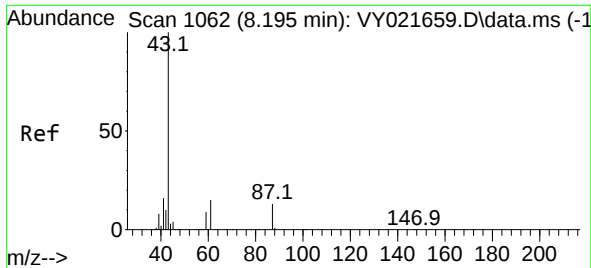
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#42
1,2-Dichloroethane
Concen: 50.511 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

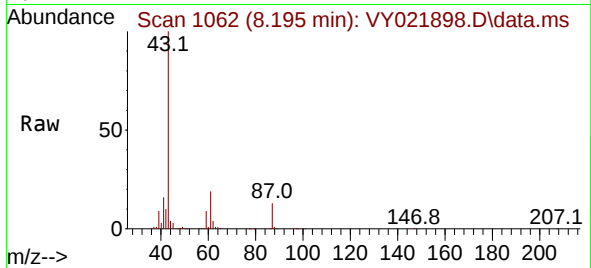
Tgt Ion: 62 Resp: 139597
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.4





#43
Isopropyl Acetate
Concen: 51.146 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

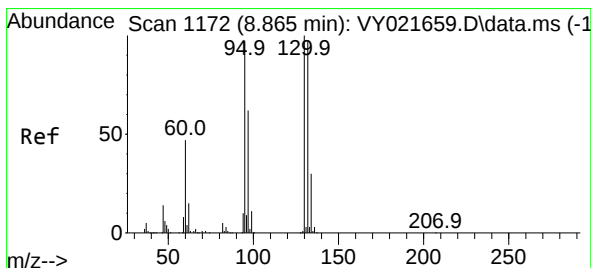
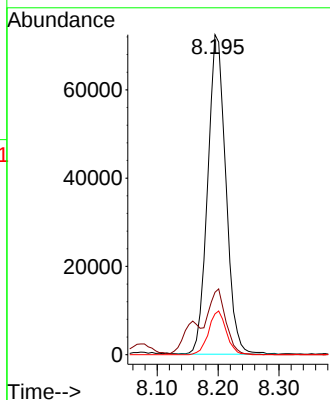
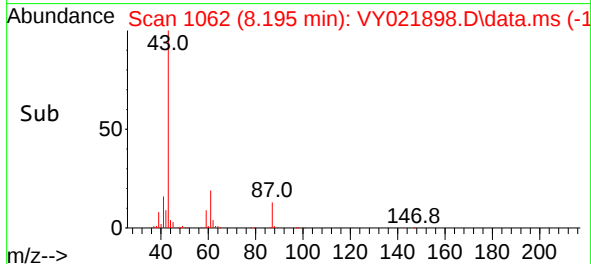
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 149739
Ion Ratio Lower Upper
43 100
61 20.5 15.9 23.9
87 13.3 10.4 15.6

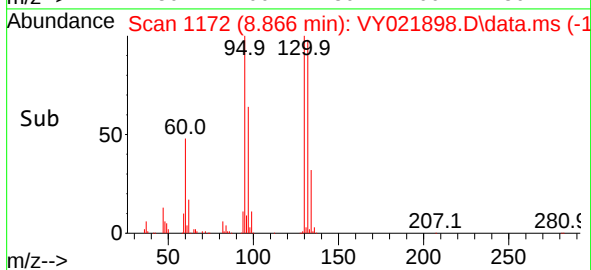
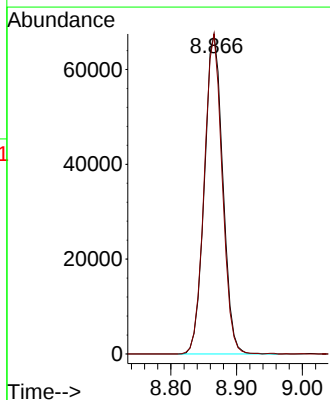
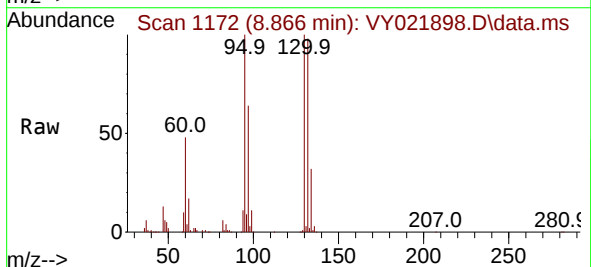
Manual Integrations
APPROVED

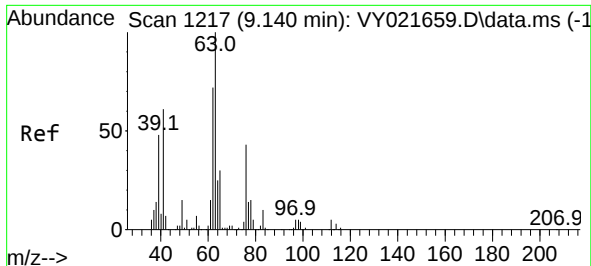
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#44
Trichloroethene
Concen: 52.392 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

Tgt Ion:130 Resp: 130863
Ion Ratio Lower Upper
130 100
95 100.1 0.0 194.8





#45

1,2-Dichloropropane

Concen: 52.327 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 121424

Ion Ratio Lower Upper

63 100

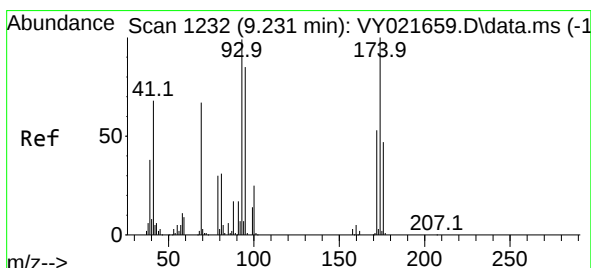
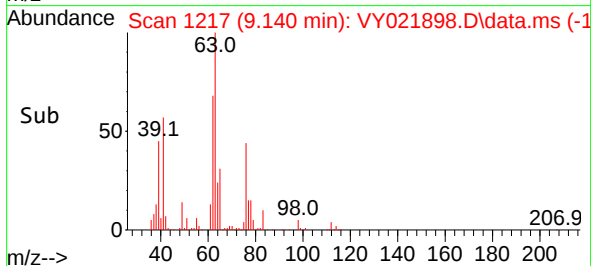
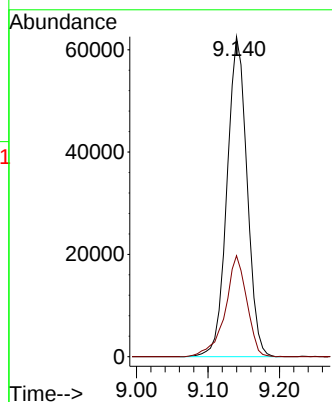
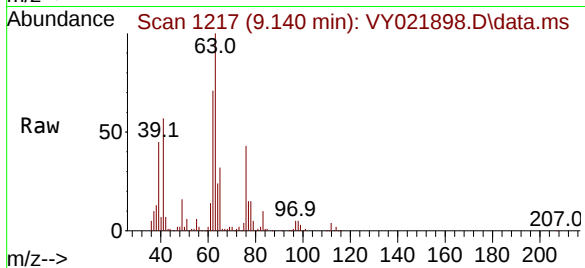
65 31.6 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#46

Dibromomethane

Concen: 52.926 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

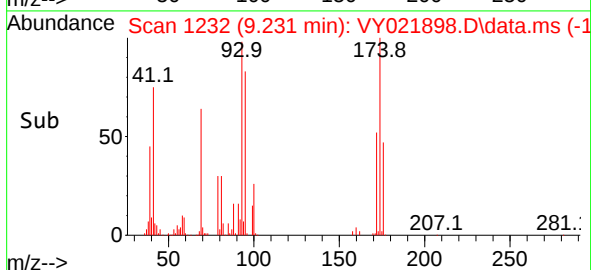
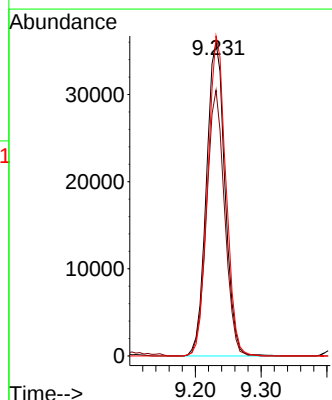
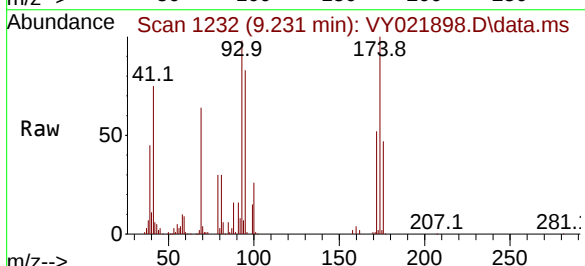
Tgt Ion: 93 Resp: 70780

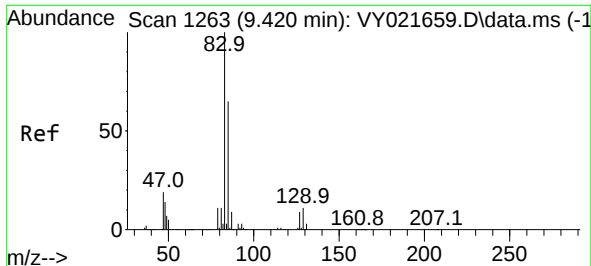
Ion Ratio Lower Upper

93 100

95 82.0 68.1 102.1

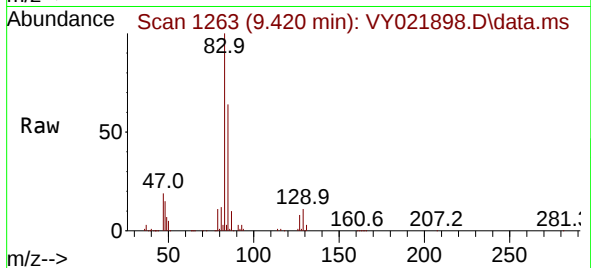
174 99.6 80.9 121.3





#47
Bromodichloromethane
Concen: 52.666 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

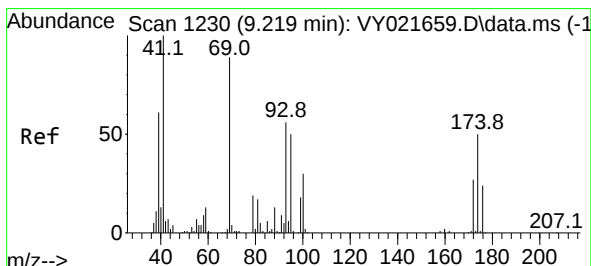
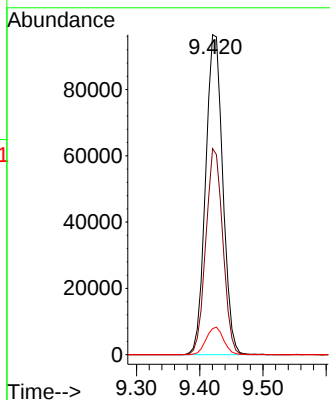
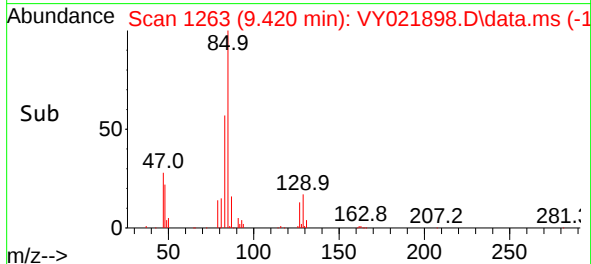
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



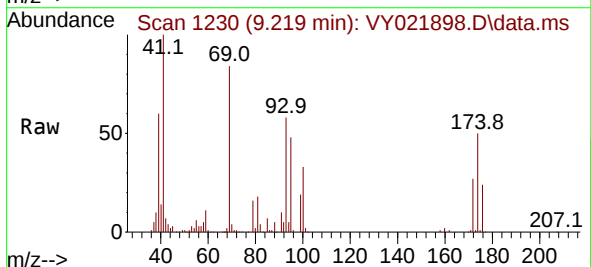
Tgt Ion: 83 Resp: 18250
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.6
127 8.1 6.8 10.2

Manual Integrations
APPROVED

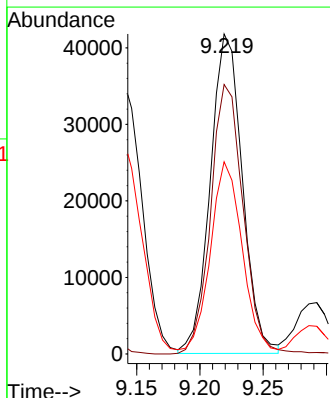
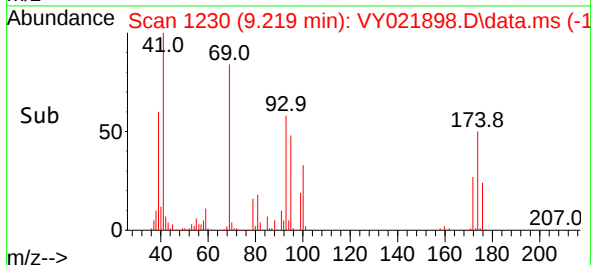
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

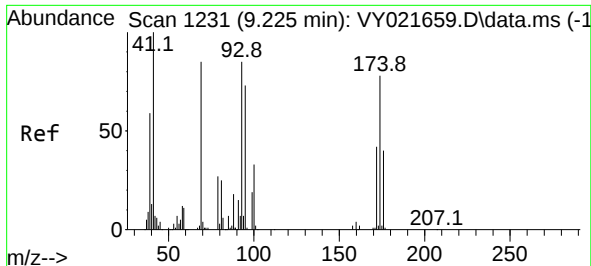


#48
Methyl methacrylate
Concen: 54.908 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57



Tgt Ion: 41 Resp: 73779
Ion Ratio Lower Upper
41 100
69 85.5 69.8 104.8
39 57.2 47.2 70.8





#49

1,4-Dioxane

Concen: 1072.630 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

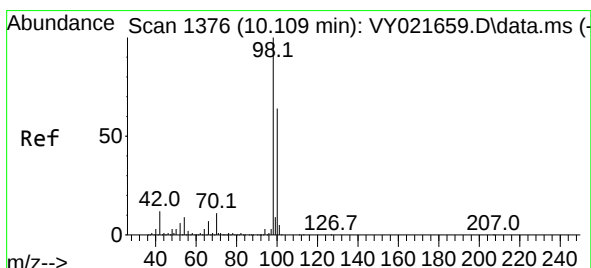
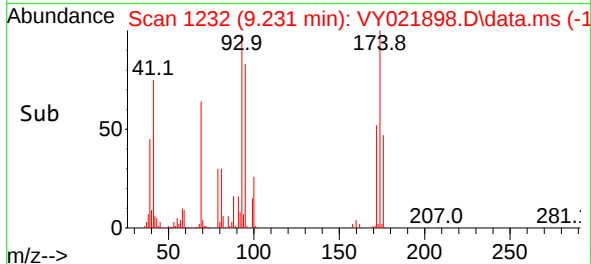
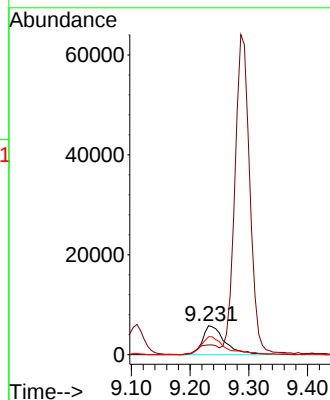
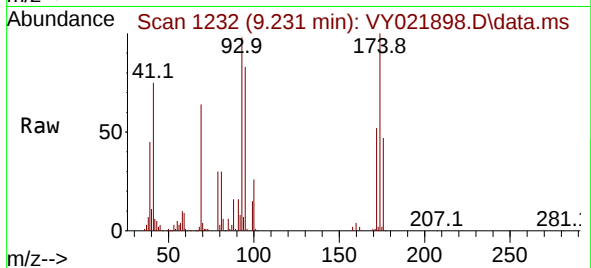
VSTDCCC050EC

Tgt Ion: 88	Resp: 1536
Ion Ratio	Lower Upper
88 100	
43 31.4	28.8 43.2
58 67.5	59.4 89.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#50

Toluene-d8

Concen: 53.075 ug/l

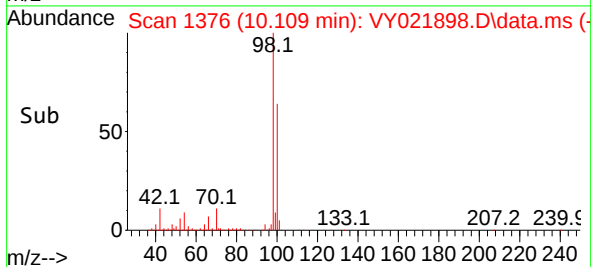
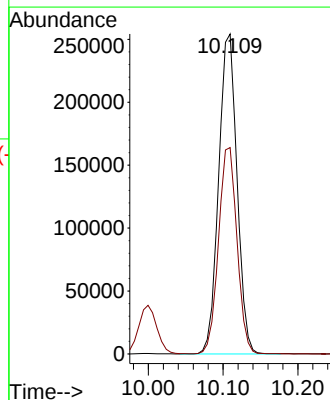
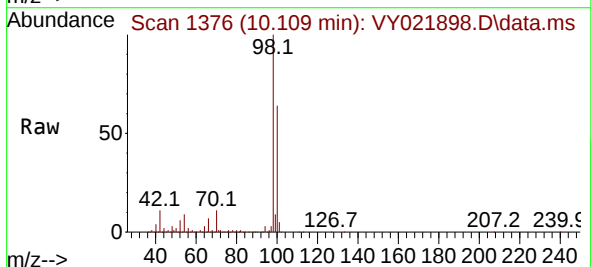
RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

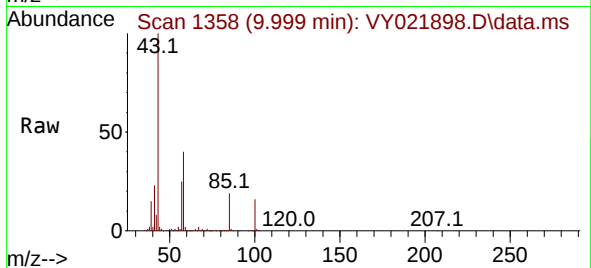
Tgt Ion: 98	Resp: 433936
Ion Ratio	Lower Upper
98 100	
100 65.1	52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 268.515 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

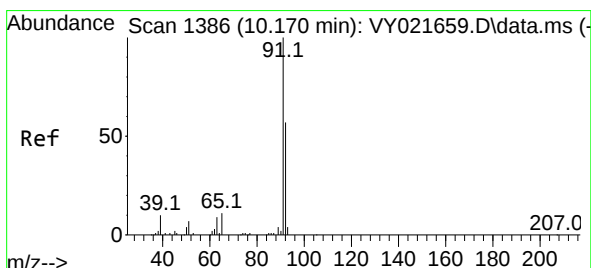
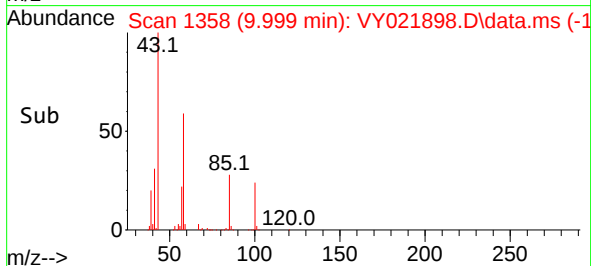
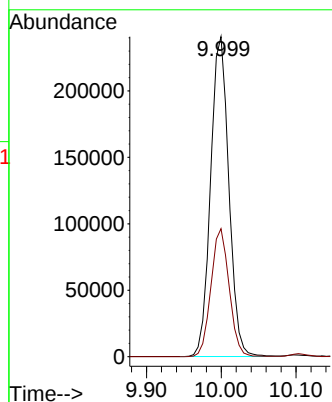
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 409099
Ion Ratio Lower Upper
43 100
58 39.9 31.5 47.3

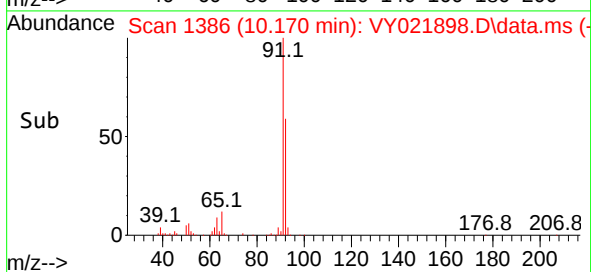
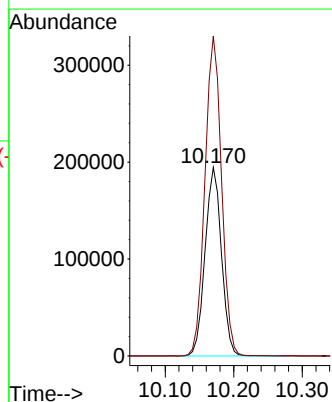
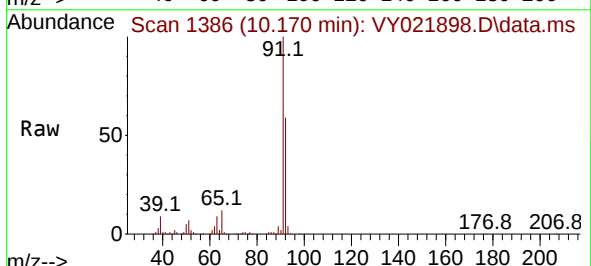
Manual Integrations
APPROVED

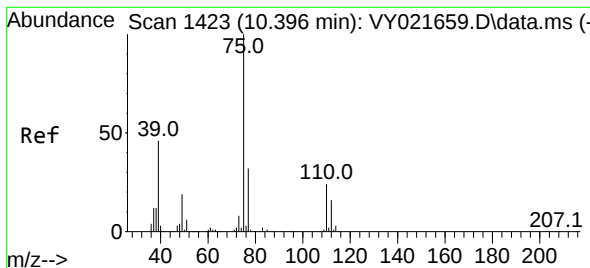
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#52
Toluene
Concen: 52.926 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

Tgt Ion: 92 Resp: 323711
Ion Ratio Lower Upper
92 100
91 171.9 138.6 207.8





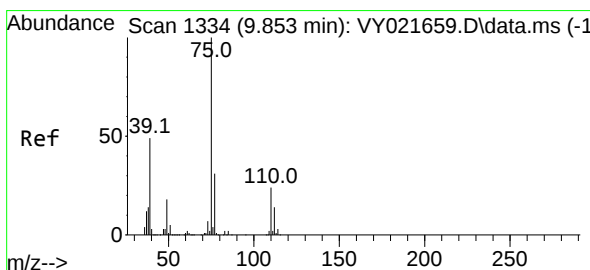
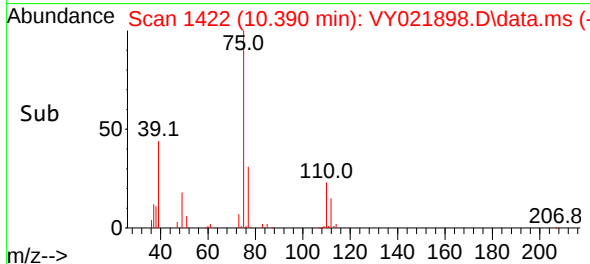
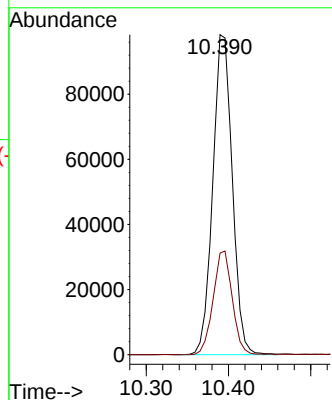
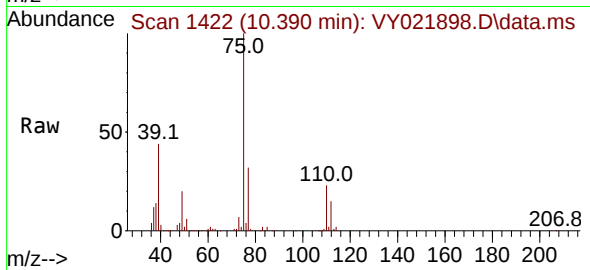
#53
t-1,3-Dichloropropene
Concen: 52.626 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 16198
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9

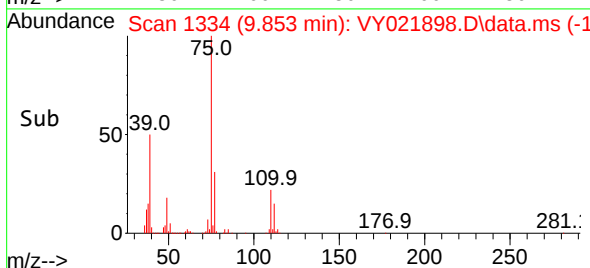
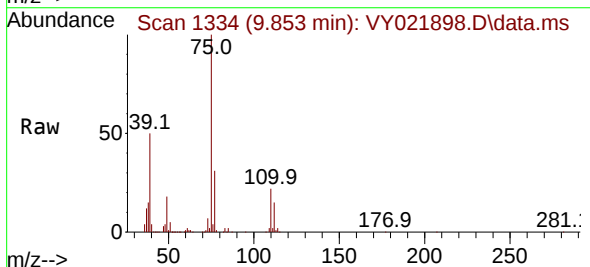
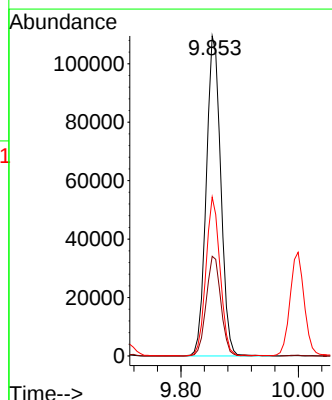
Manual Integrations
APPROVED

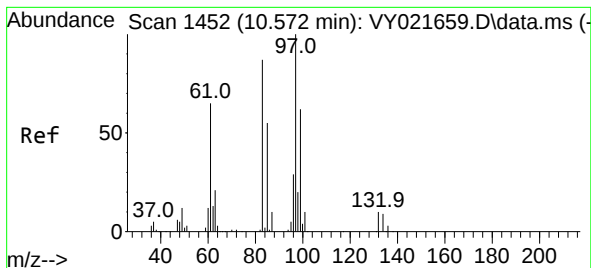
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#54
cis-1,3-Dichloropropene
Concen: 51.810 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

Tgt Ion: 75 Resp: 188131
Ion Ratio Lower Upper
75 100
77 31.2 24.9 37.3
39 49.6 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 54.299 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

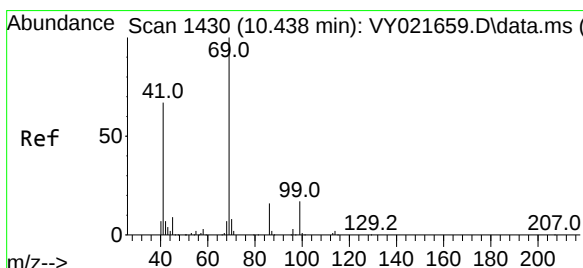
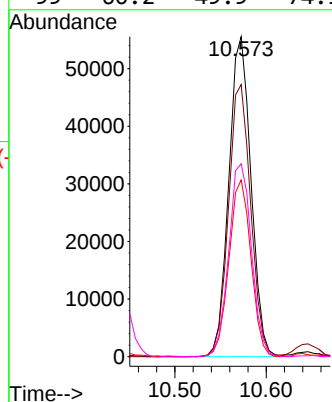
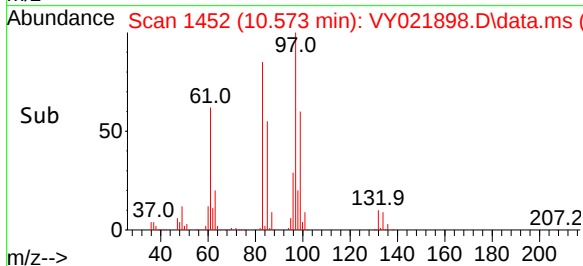
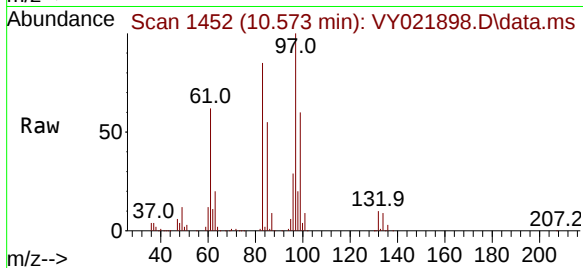
VSTDCCC050EC

Tgt Ion: 97	Resp: 93450
Ion Ratio	Lower Upper
97 100	
83 85.1	69.5 104.3
85 55.2	43.9 65.9
99 60.2	49.9 74.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#56

Ethyl methacrylate

Concen: 57.068 ug/l

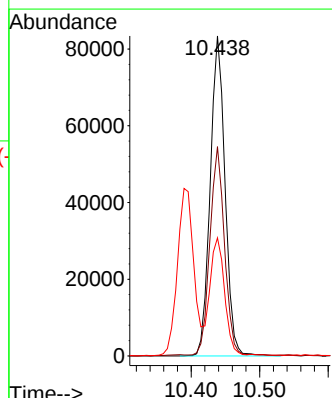
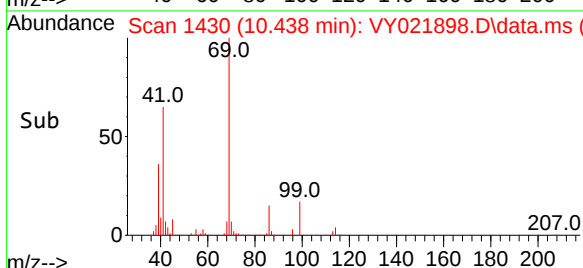
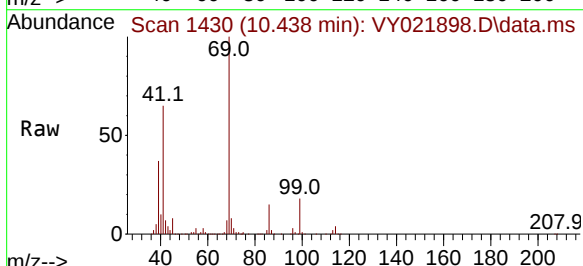
RT: 10.438 min Scan# 1430

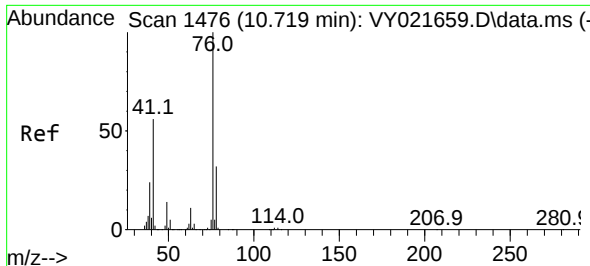
Delta R.T. 0.000 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

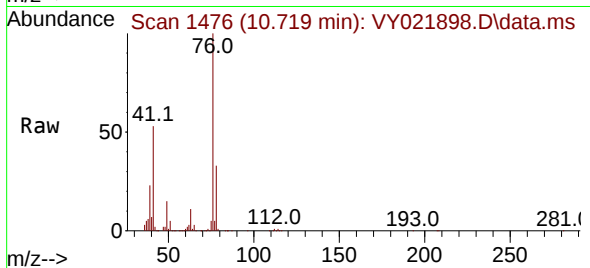
Tgt Ion: 69	Resp: 125409
Ion Ratio	Lower Upper
69 100	
41 64.1	53.8 80.6
39 36.9	29.6 44.4





#57
1,3-Dichloropropane
Concen: 53.494 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

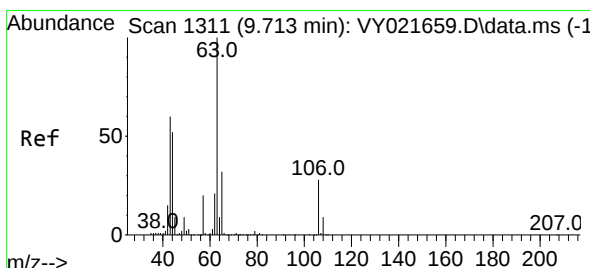
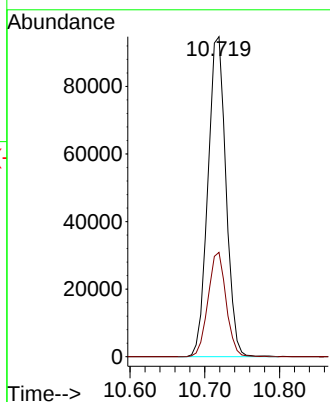
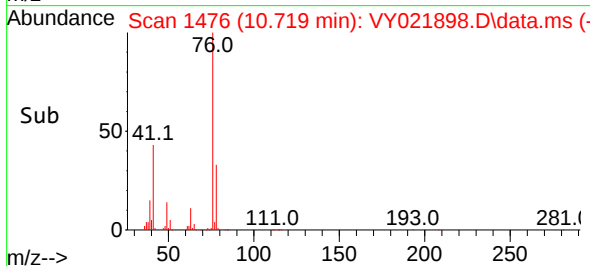
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 158998
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.8

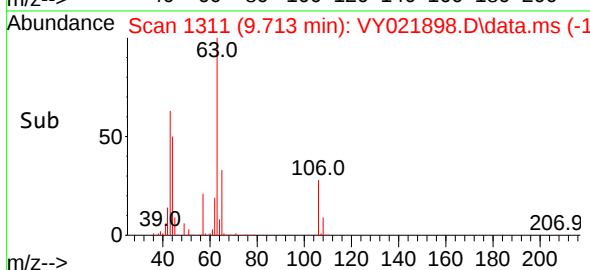
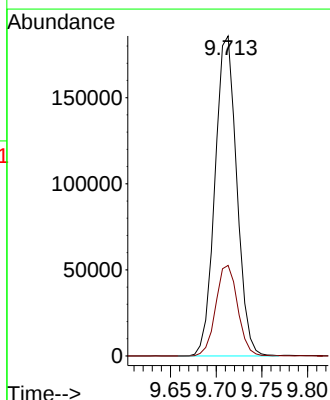
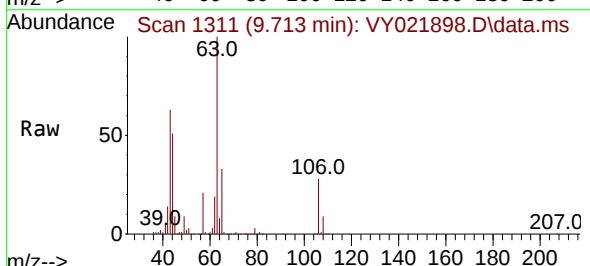
Manual Integrations
APPROVED

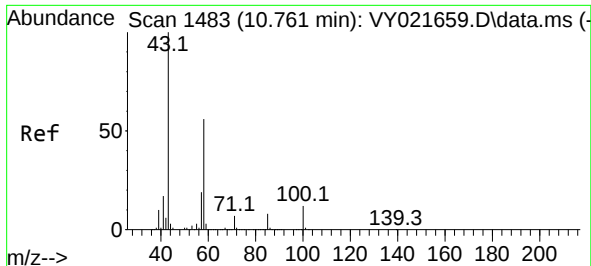
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#58
2-Chloroethyl Vinyl ether
Concen: 287.123 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

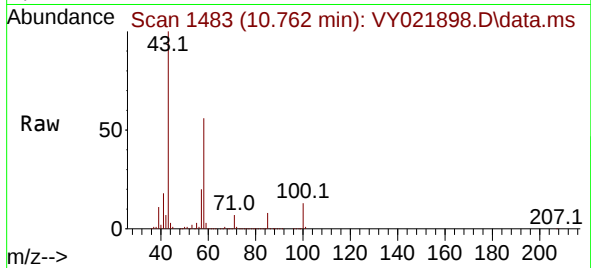
Tgt Ion: 63 Resp: 307805
Ion Ratio Lower Upper
63 100
106 28.5 22.4 33.6





#59
2-Hexanone
Concen: 268.303 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

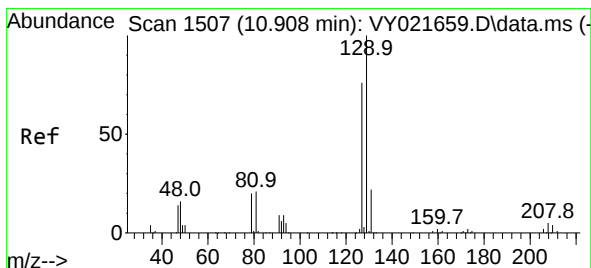
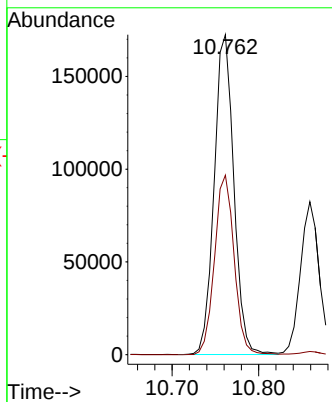
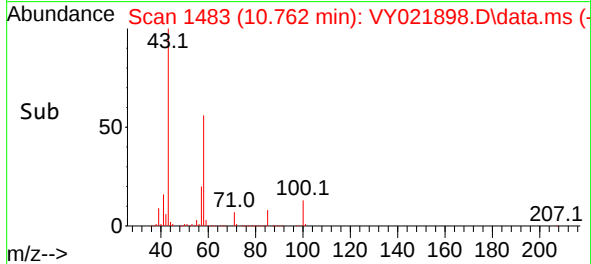
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 272238
Ion Ratio Lower Upper
43 100
58 55.8 27.2 81.5

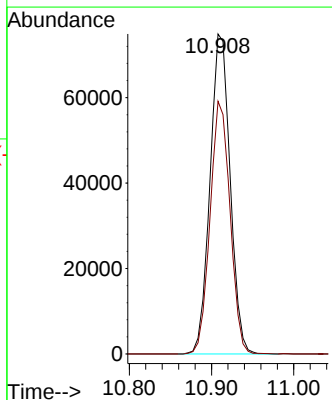
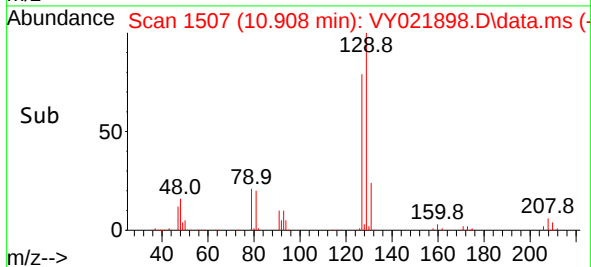
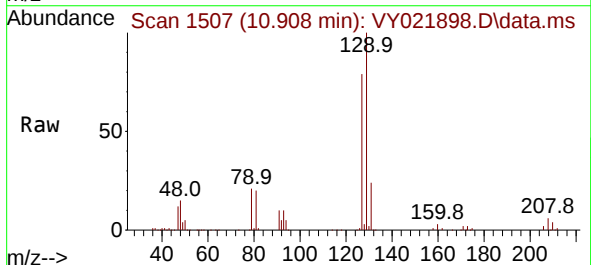
Manual Integrations
APPROVED

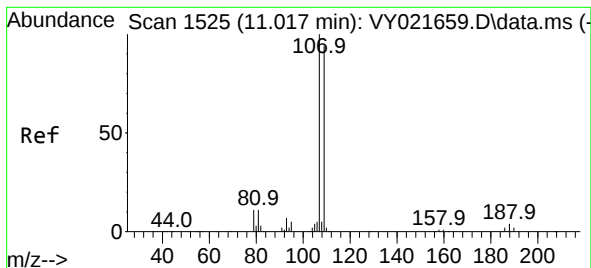
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#60
Dibromochloromethane
Concen: 54.182 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

Tgt Ion:129 Resp: 127313
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.7





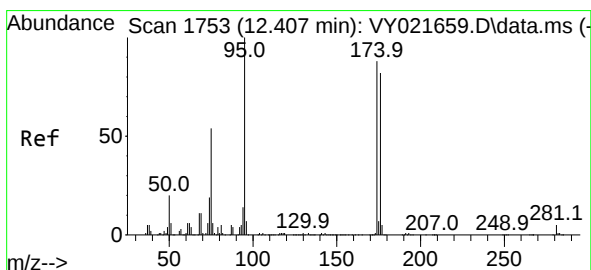
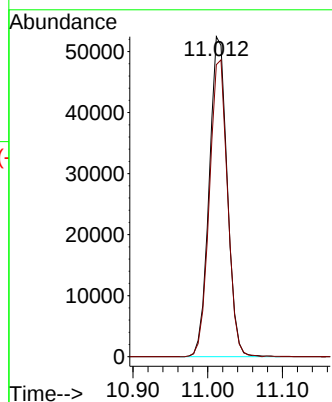
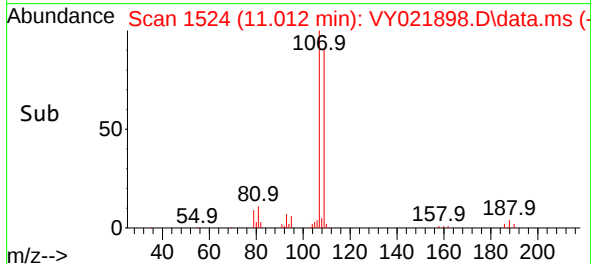
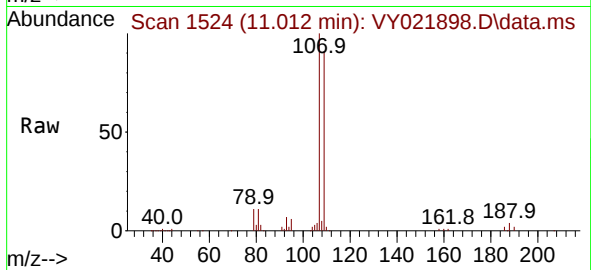
#61
1,2-Dibromoethane
Concen: 54.265 ug/l
RT: 11.012 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 87608
Ion Ratio Lower Upper
107 100
109 93.4 74.4 111.6

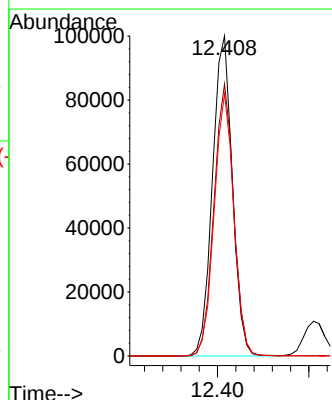
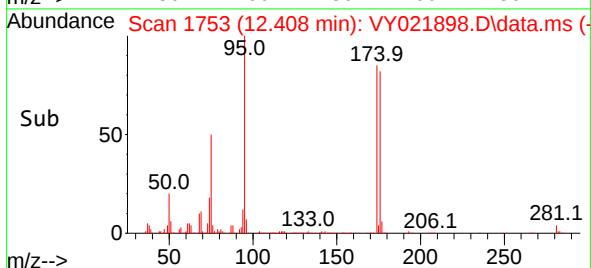
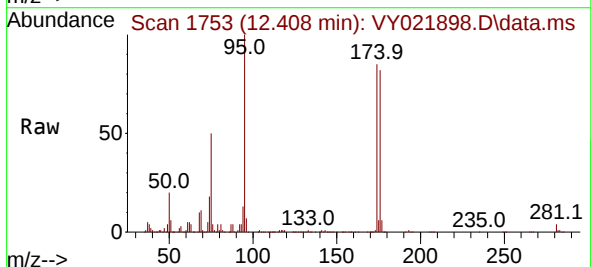
Manual Integrations
APPROVED

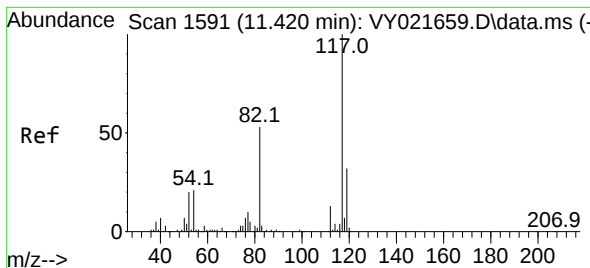
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#62
4-Bromofluorobenzene
Concen: 54.419 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

Tgt Ion: 95 Resp: 150497
Ion Ratio Lower Upper
95 100
174 85.0 0.0 170.8
176 81.3 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY021898.D

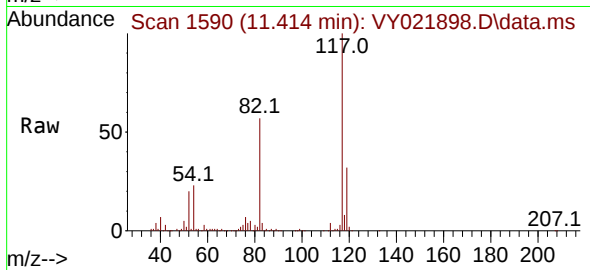
Acq: 15 Apr 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:117 Resp: 300820

Ion Ratio Lower Upper

117 100

82 56.6 42.8 64.2

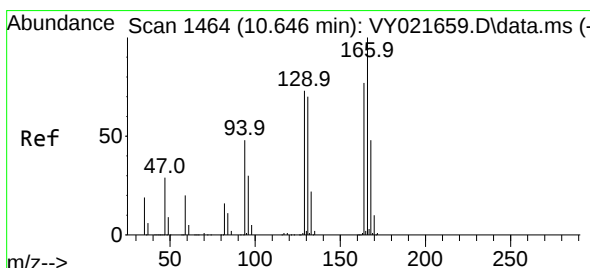
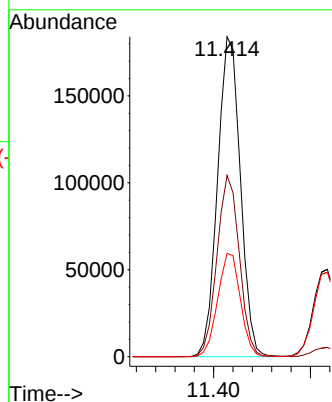
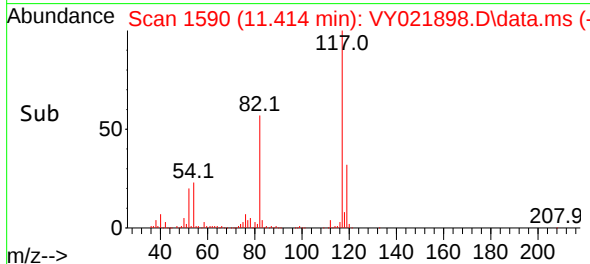
119 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#64

Tetrachloroethene

Concen: 54.514 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

Tgt Ion:164 Resp: 149358

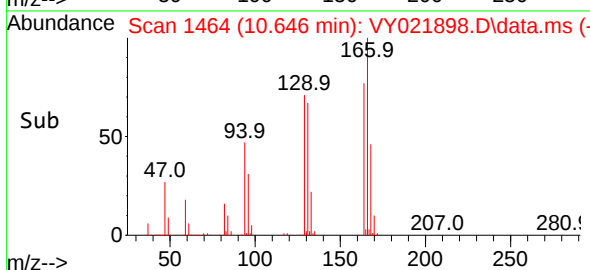
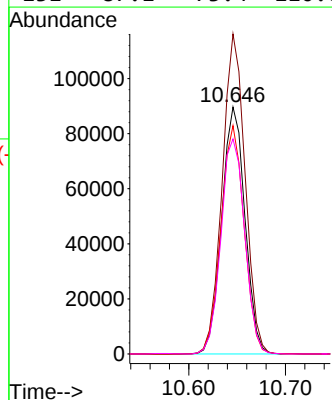
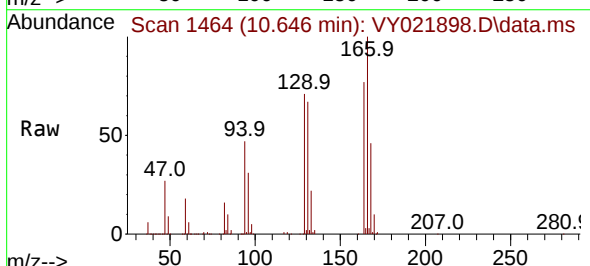
Ion Ratio Lower Upper

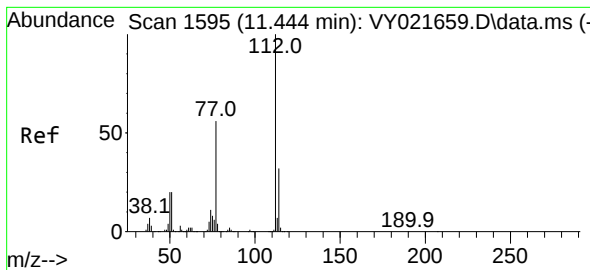
164 100

166 129.6 104.6 156.8

129 92.5 76.6 114.8

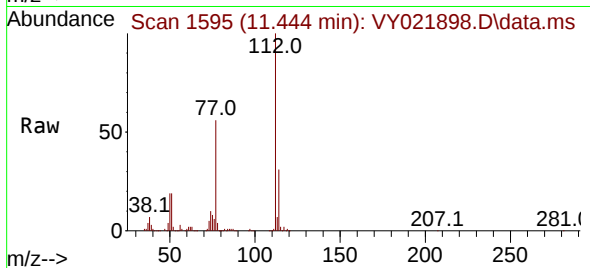
131 87.1 73.4 110.0





#65
Chlorobenzene
Concen: 51.273 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

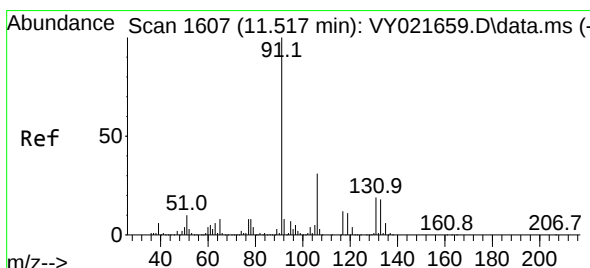
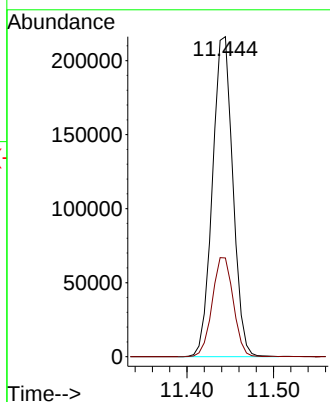
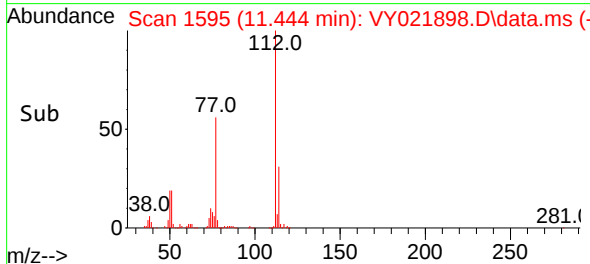
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



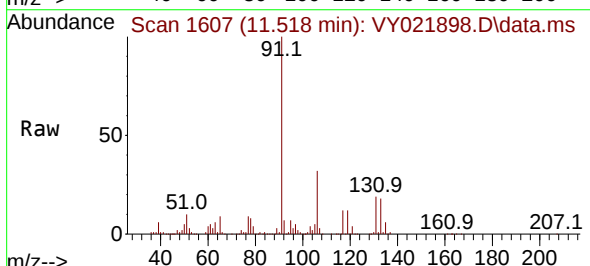
Tgt Ion:112 Resp: 353569
Ion Ratio Lower Upper
112 100
114 30.8 25.9 38.9

Manual Integrations
APPROVED

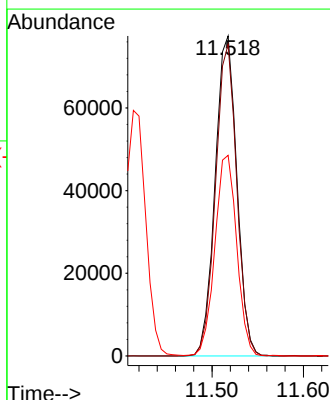
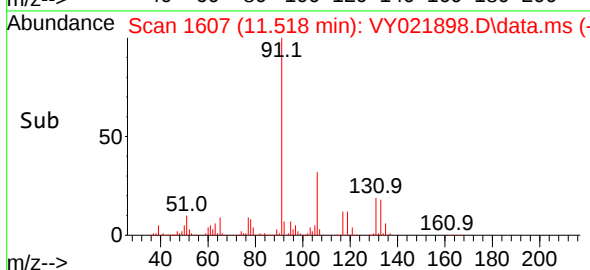
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

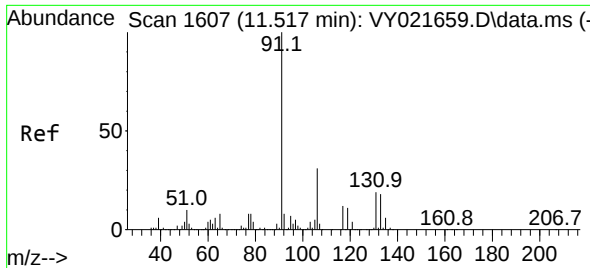


#66
1,1,1,2-Tetrachloroethane
Concen: 52.236 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57



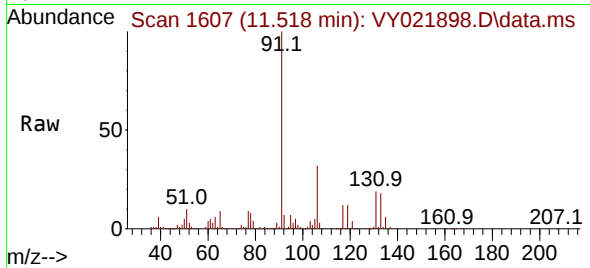
Tgt Ion:131 Resp: 127802
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.8
119 63.3 31.6 95.0





#67
Ethyl Benzene
Concen: 51.874 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

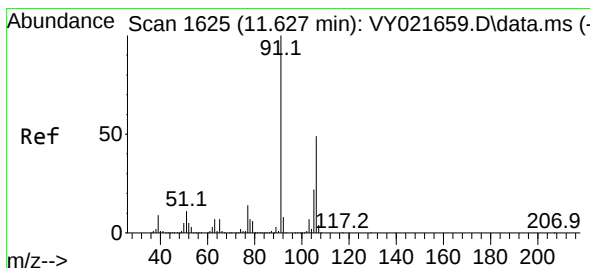
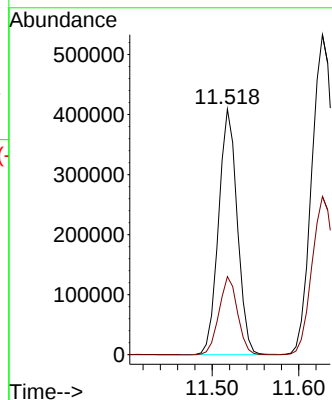
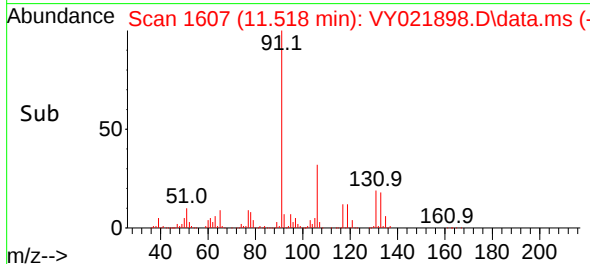
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



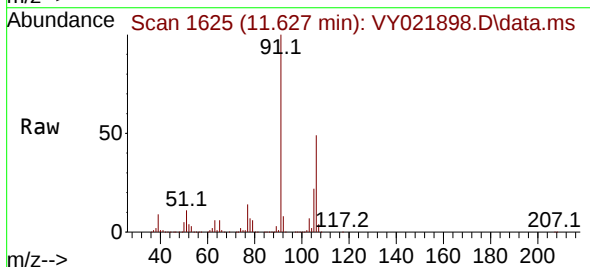
Tgt Ion: 91 Resp: 613402
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8

Manual Integrations
APPROVED

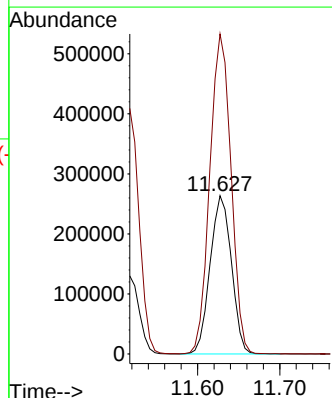
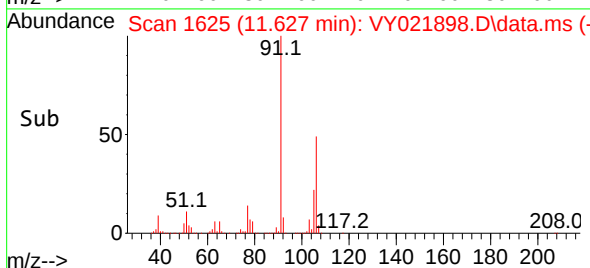
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

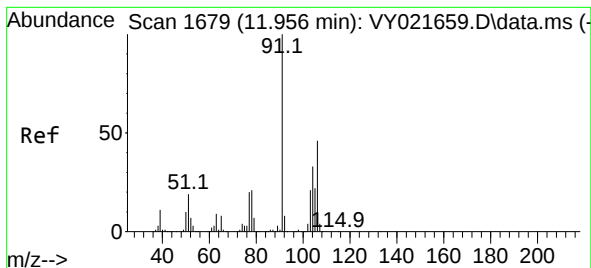


#68
m/p-Xylenes
Concen: 104.830 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57



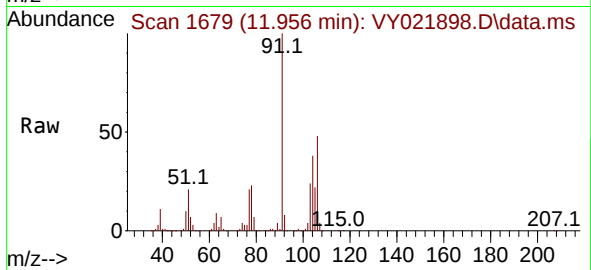
Tgt Ion:106 Resp: 474673
Ion Ratio Lower Upper
106 100
91 201.6 162.4 243.6





#69
o-Xylene
Concen: 53.766 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

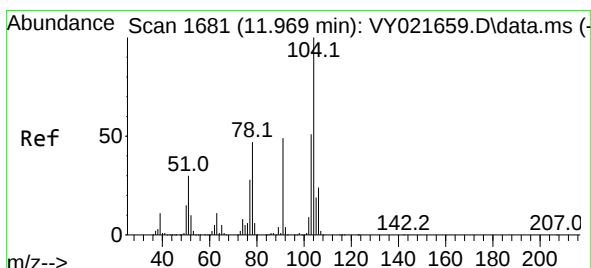
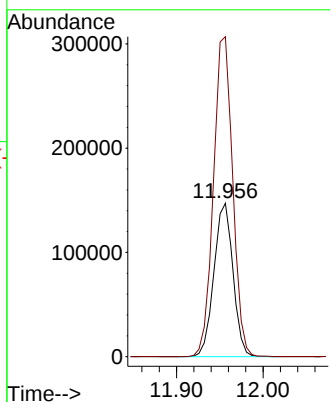
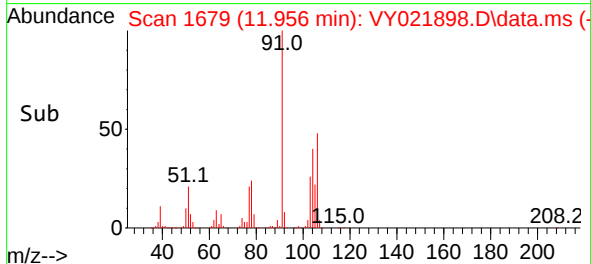
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 224720
Ion Ratio Lower Upper
106 100
91 211.1 106.7 319.9

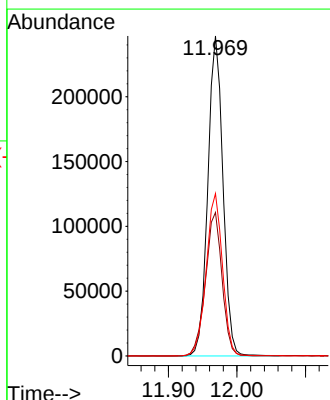
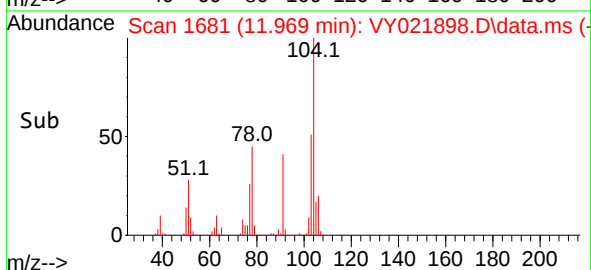
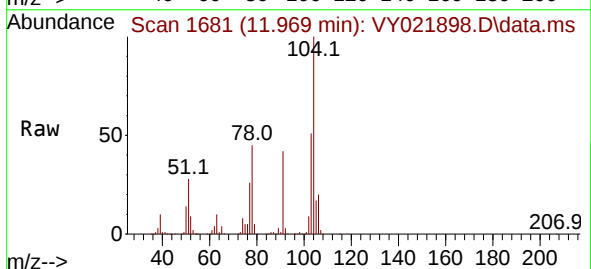
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#70
Styrene
Concen: 54.407 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

Tgt Ion:104 Resp: 379162
Ion Ratio Lower Upper
104 100
78 49.1 40.8 61.2
103 54.7 44.2 66.2





#71

Bromoform

Concen: 53.766 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

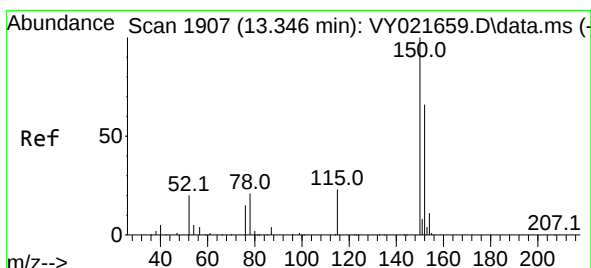
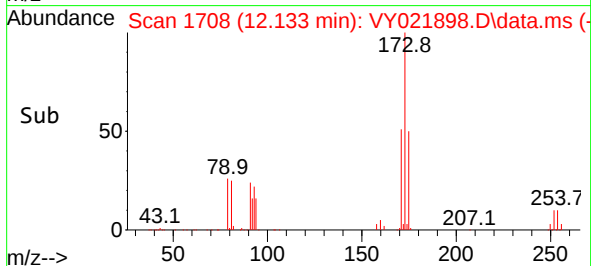
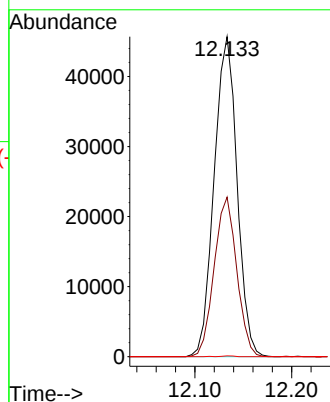
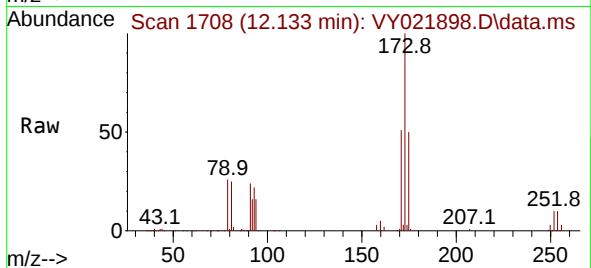
VSTDCCC050EC

Tgt Ion:	173	Resp:	75030
Ion Ratio	Lower	Upper	
173	100		
175	49.2	24.3	73.0
254	0.2	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

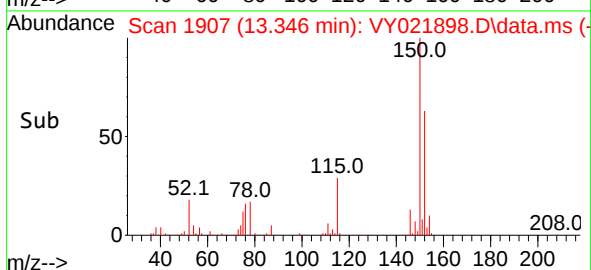
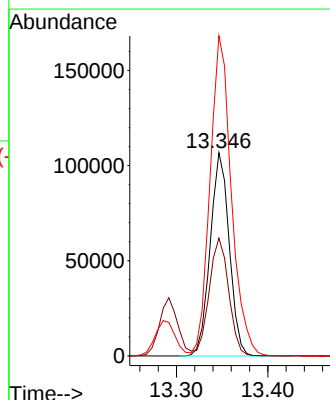
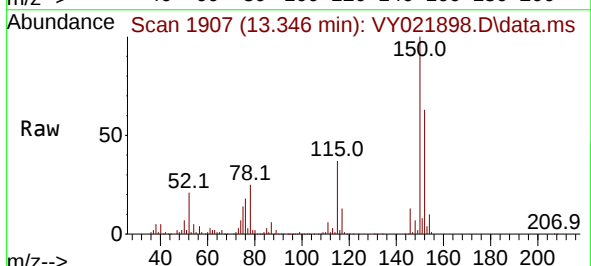
RT: 13.346 min Scan# 1907

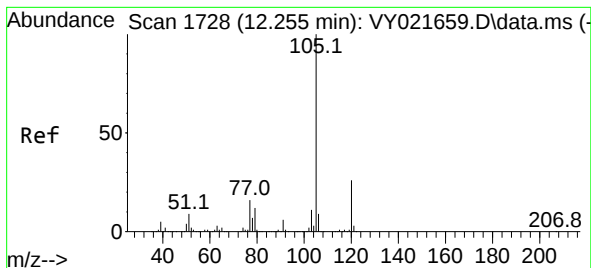
Delta R.T. 0.000 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

Tgt Ion:	152	Resp:	154465
Ion Ratio	Lower	Upper	
152	100		
115	59.3	28.8	86.5
150	175.7	0.0	348.4





#73

Isopropylbenzene

Concen: 51.232 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 587769

Ion Ratio Lower Upper

105 100

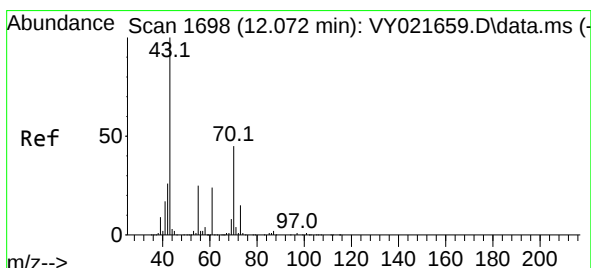
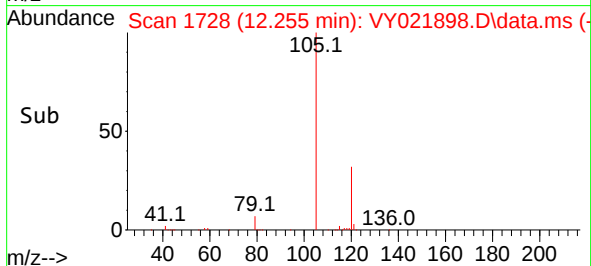
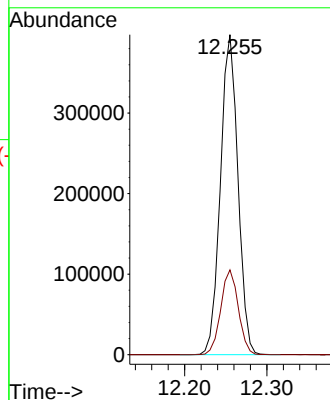
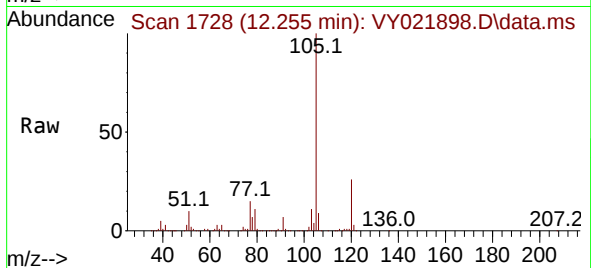
120 26.5 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#74

N-ethyl acetate

Concen: 49.500 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

Tgt Ion: 43 Resp: 133281

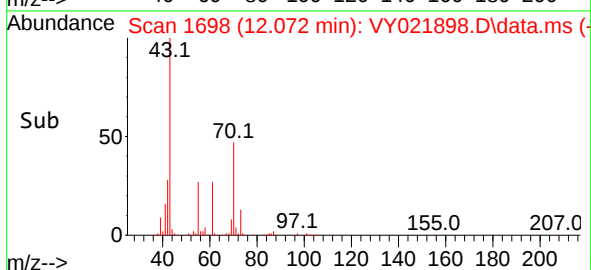
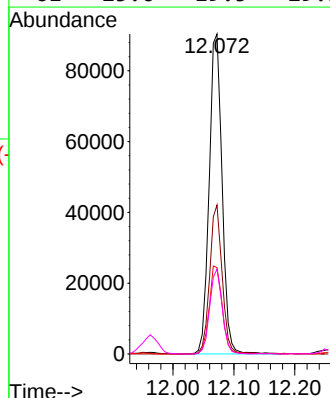
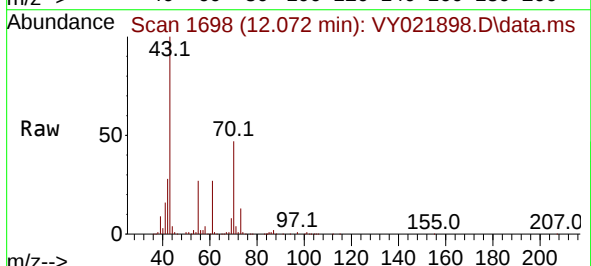
Ion Ratio Lower Upper

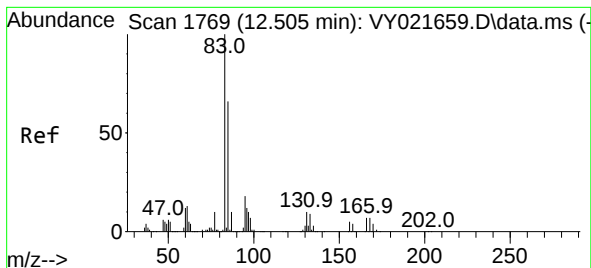
43 100

70 44.8 34.7 52.1

55 27.9 21.2 31.8

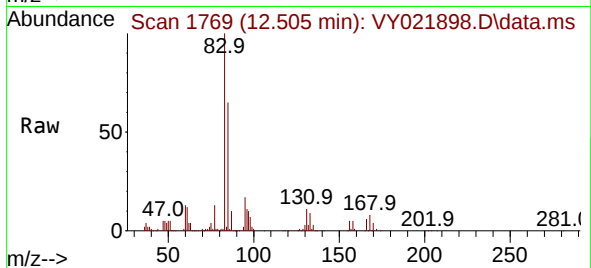
61 25.6 19.5 29.3





#75
1,1,2,2-Tetrachloroethane
Concen: 49.333 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

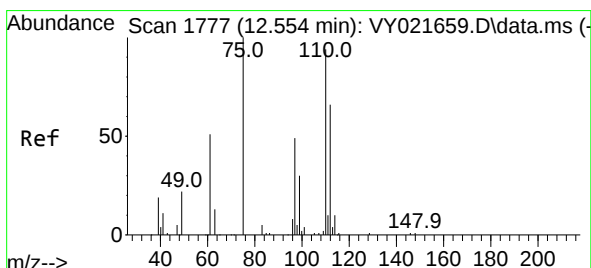
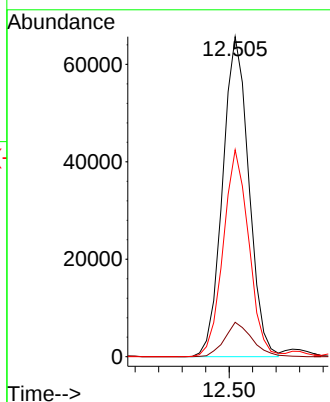
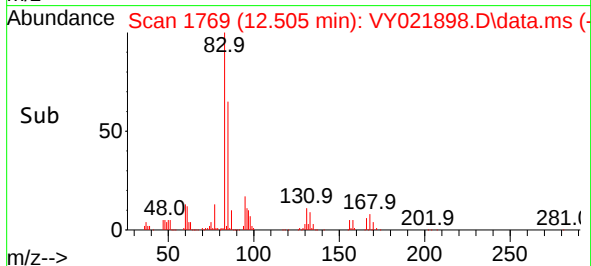
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 10175
Ion Ratio Lower Upper
83 100
131 11.3 5.1 15.3
85 63.3 32.3 96.8

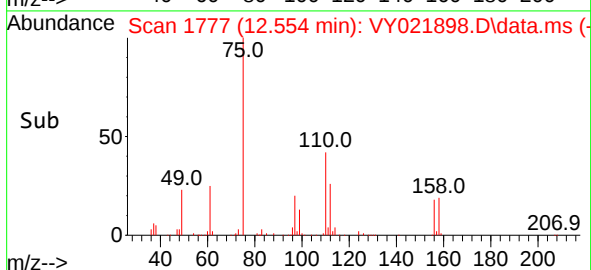
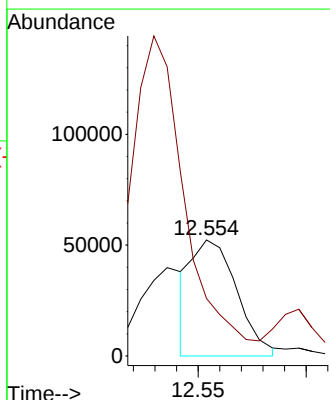
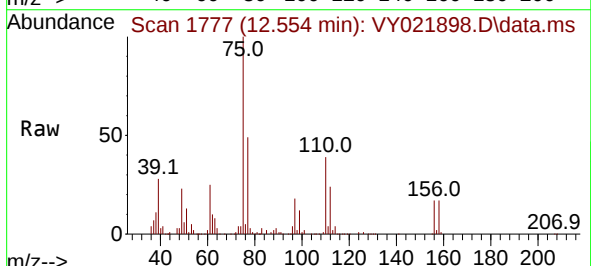
Manual Integrations
APPROVED

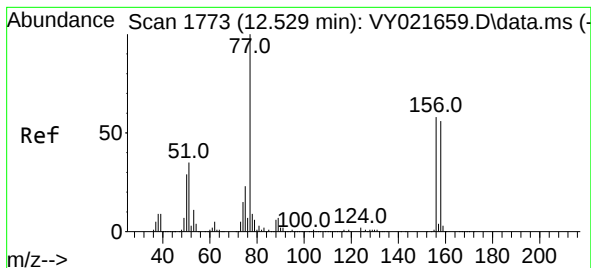
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#76
1,2,3-Trichloropropane
Concen: 50.001 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

Tgt Ion: 75 Resp: 76559
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.473 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

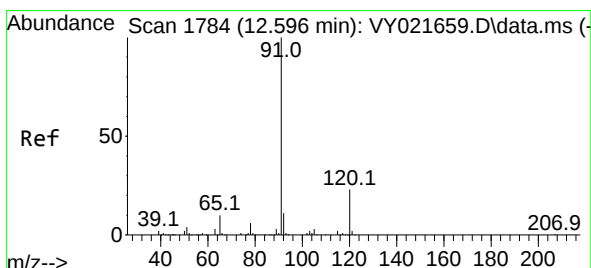
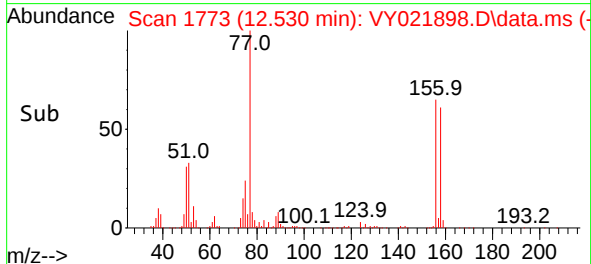
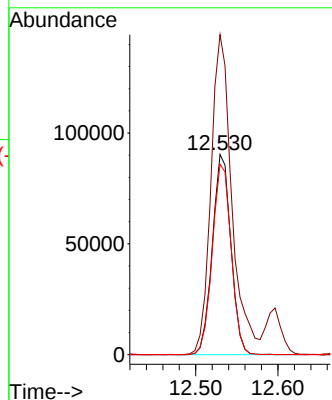
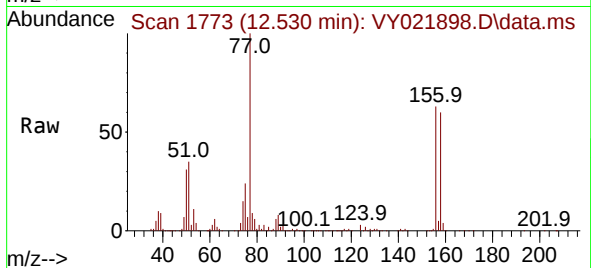
VSTDC050EC

Tgt Ion:	156	Resp:	14178
Ion Ratio	Lower	Upper	
156	100		
77	180.6	92.8	278.3
158	96.5	48.5	145.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#78

n-propylbenzene

Concen: 51.469 ug/l

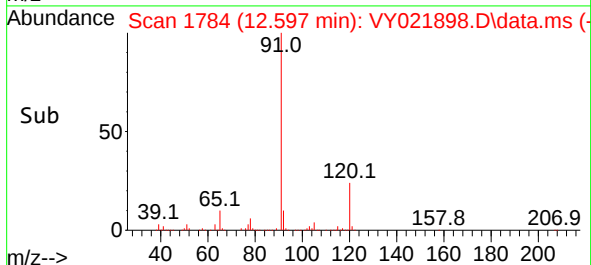
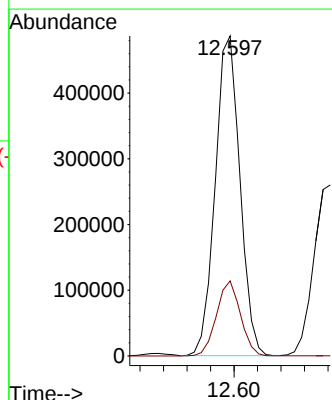
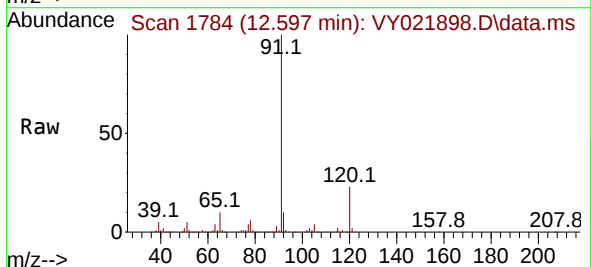
RT: 12.597 min Scan# 1784

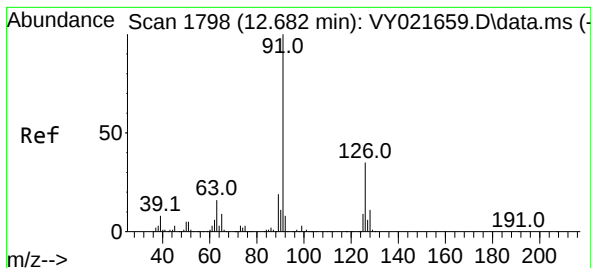
Delta R.T. 0.000 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

Tgt Ion:	91	Resp:	709911
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.3	33.9





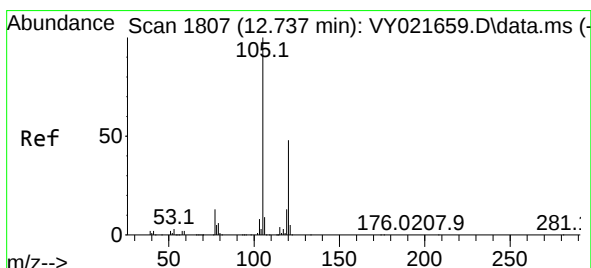
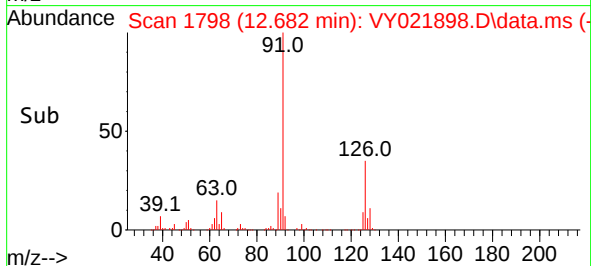
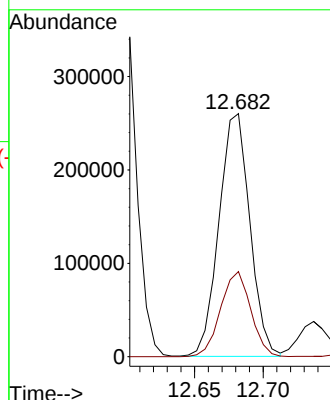
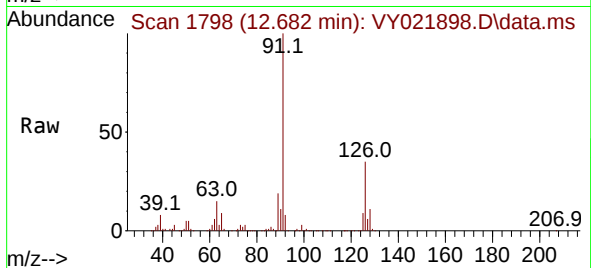
#79
2-Chlorotoluene
Concen: 50.990 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 40849
Ion Ratio Lower Upper
91 100
126 34.2 17.3 52.0

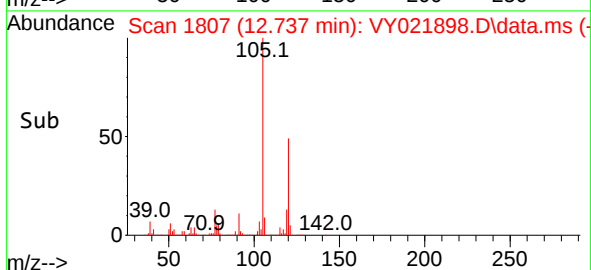
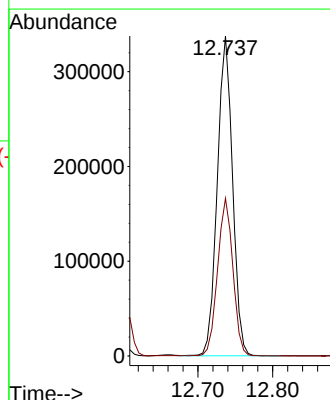
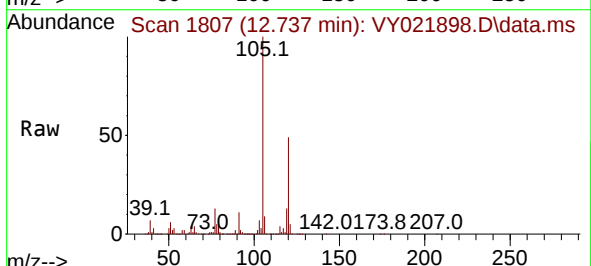
Manual Integrations
APPROVED

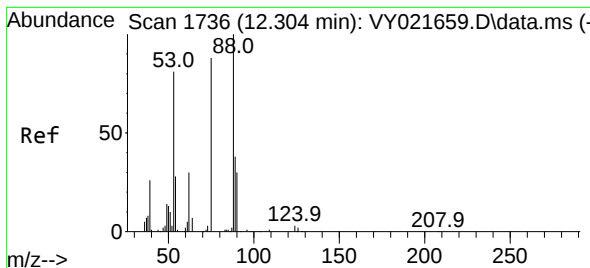
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.226 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

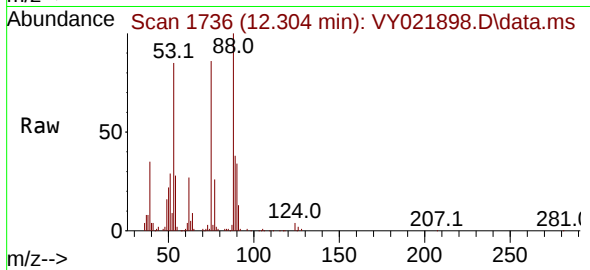
Tgt Ion:105 Resp: 480326
Ion Ratio Lower Upper
105 100
120 49.4 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 48.634 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

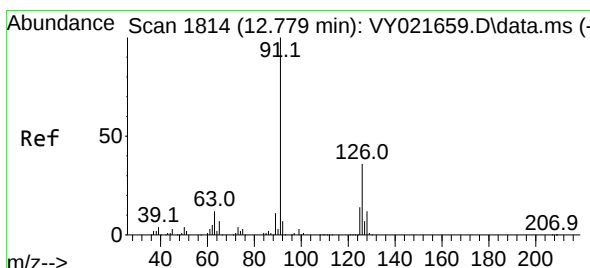
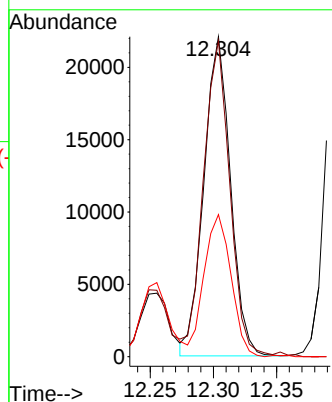
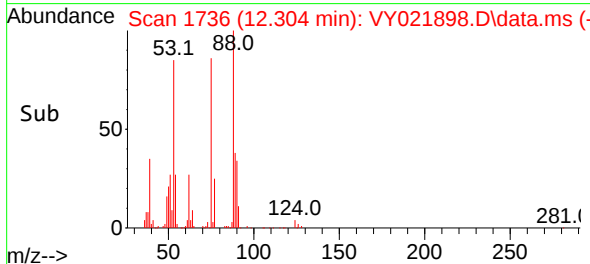
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 32318
Ion Ratio Lower Upper
75 100
53 96.5 76.1 114.1
89 45.0 36.2 54.4

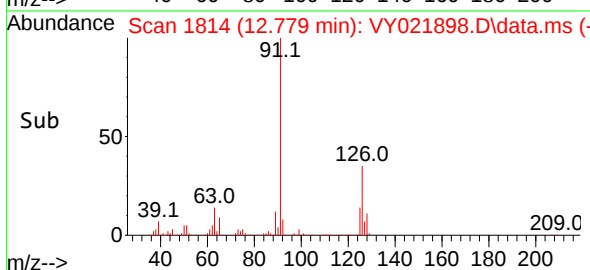
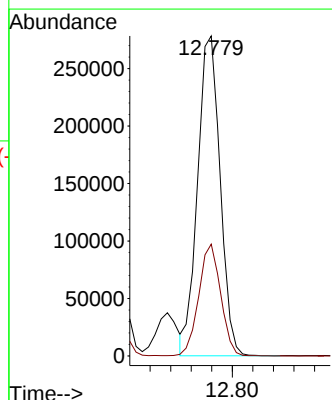
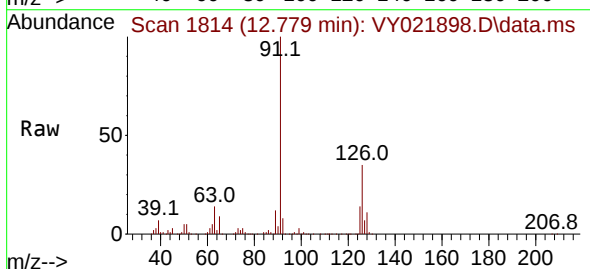
Manual Integrations
APPROVED

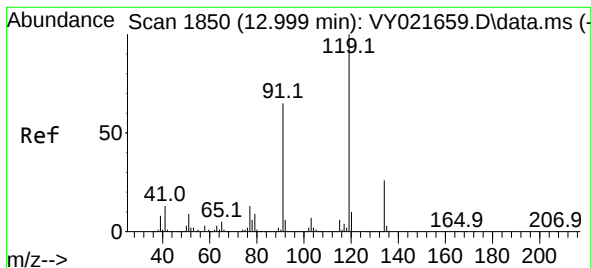
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#82
4-Chlorotoluene
Concen: 50.765 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

Tgt Ion: 91 Resp: 423992
Ion Ratio Lower Upper
91 100
126 34.1 17.0 50.9





#83

tert-Butylbenzene

Concen: 51.565 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 430650

Ion Ratio Lower Upper

119 100

91 63.9 32.6 97.7

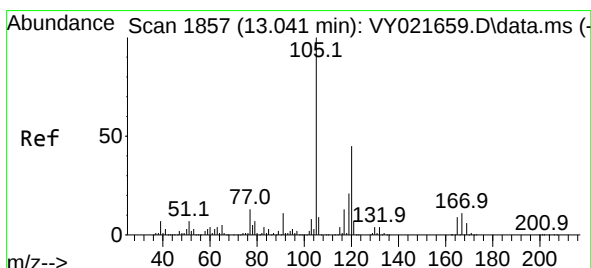
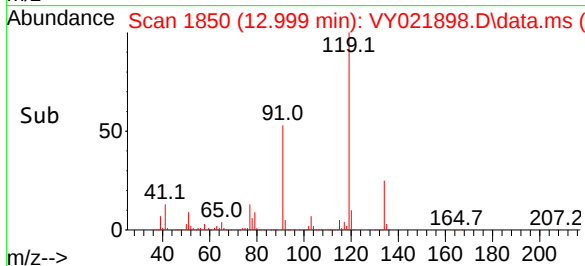
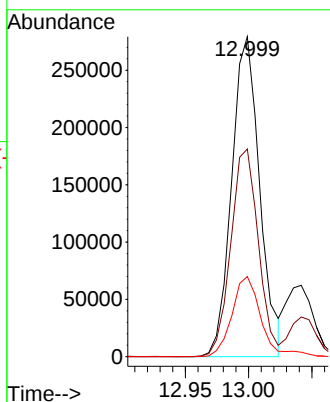
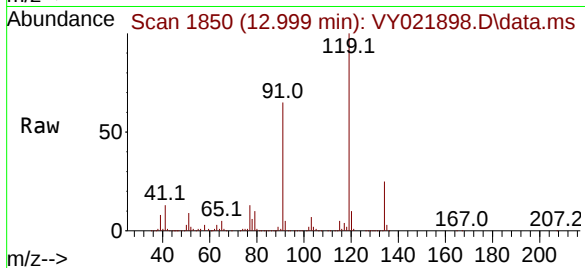
134 26.0 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#84

1,2,4-Trimethylbenzene

Concen: 51.614 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021898.D

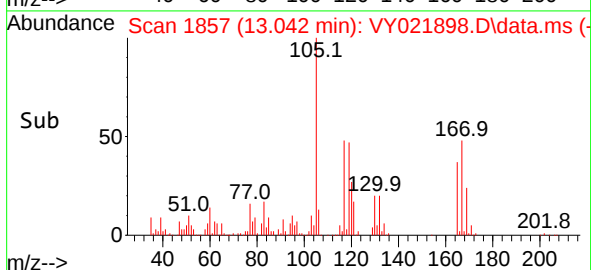
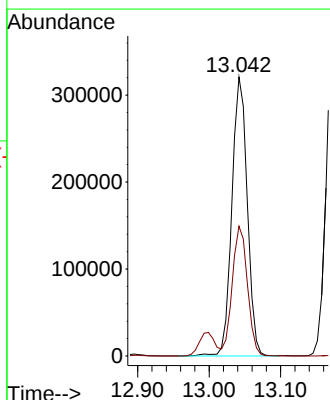
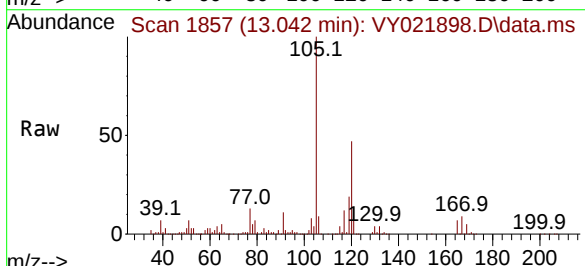
Acq: 15 Apr 2025 15:57

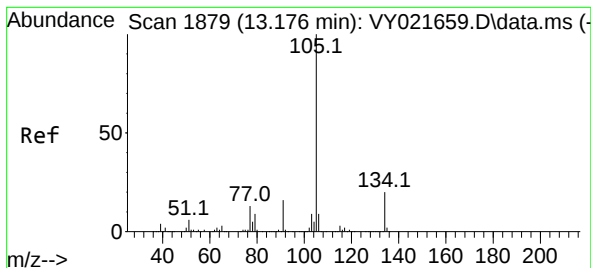
Tgt Ion:105 Resp: 478331

Ion Ratio Lower Upper

105 100

120 45.9 22.7 68.1





#85

sec-Butylbenzene

Concen: 51.580 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 629538

Ion Ratio Lower Upper

105 100

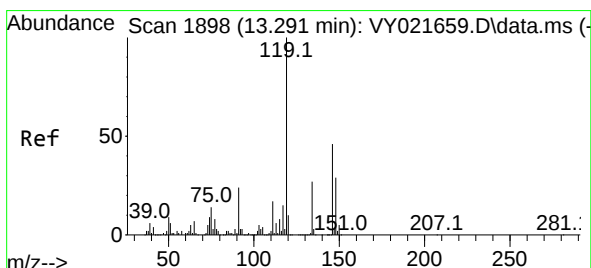
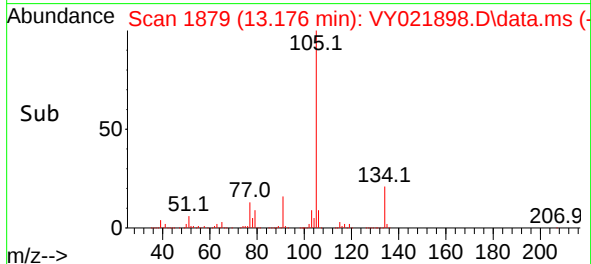
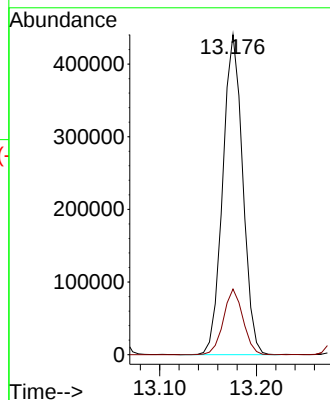
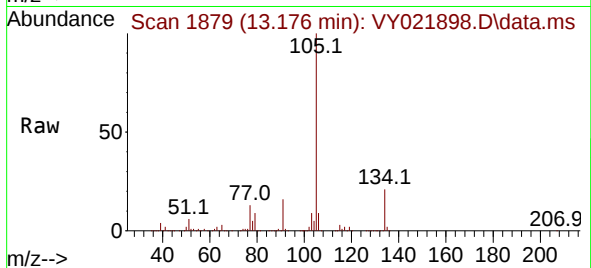
134 20.1 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#86

p-Isopropyltoluene

Concen: 52.060 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

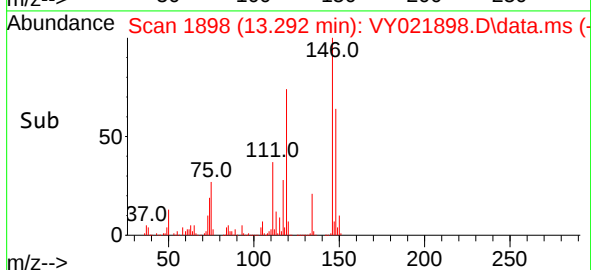
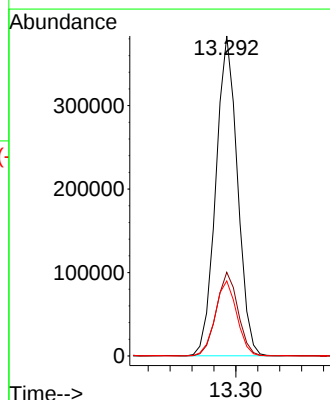
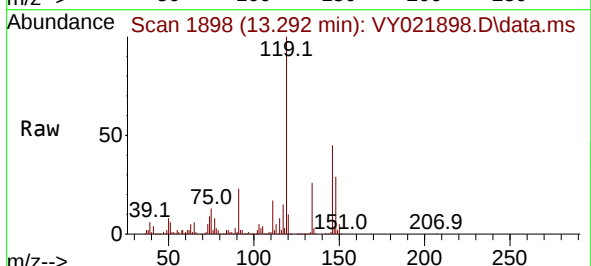
Tgt Ion:119 Resp: 525158

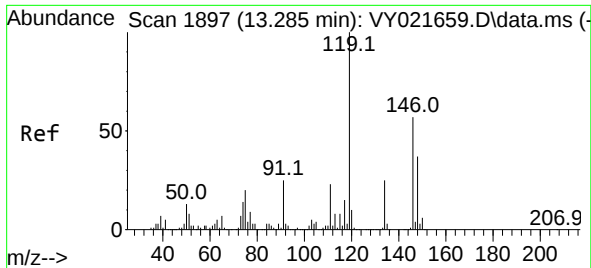
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

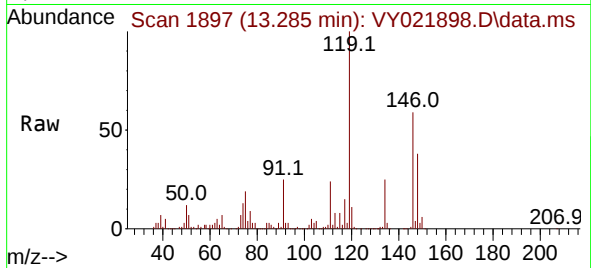
91 23.4 12.0 36.0





#87
1,3-Dichlorobenzene
Concen: 51.047 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

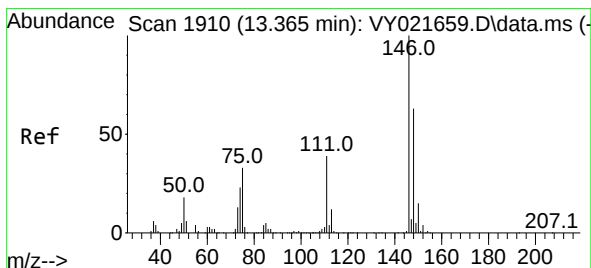
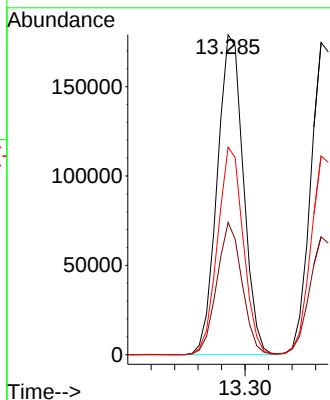
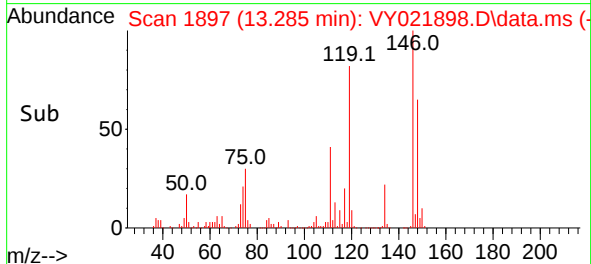
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



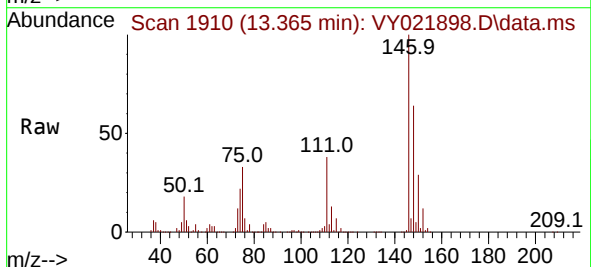
Tgt Ion:146 Resp: 277034
Ion Ratio Lower Upper
146 100
111 39.7 20.0 60.0
148 63.8 31.8 95.4

Manual Integrations
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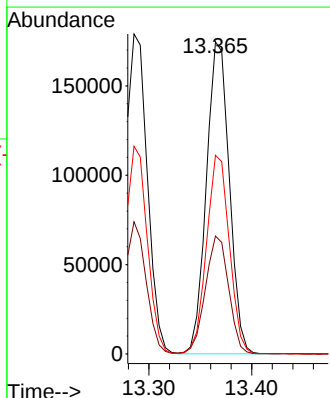
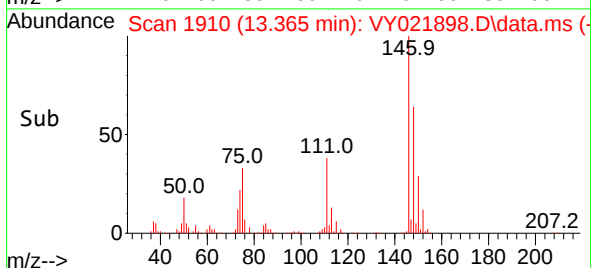
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#88
1,4-Dichlorobenzene
Concen: 50.543 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57



Tgt Ion:146 Resp: 271010
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.1
148 63.6 31.5 94.5





#89

n-Butylbenzene

Concen: 51.813 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

Instrument :

MSVOA_Y

ClientSampleId :

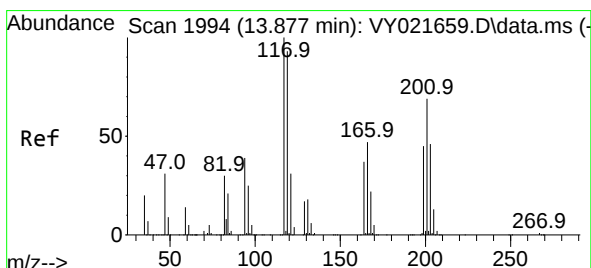
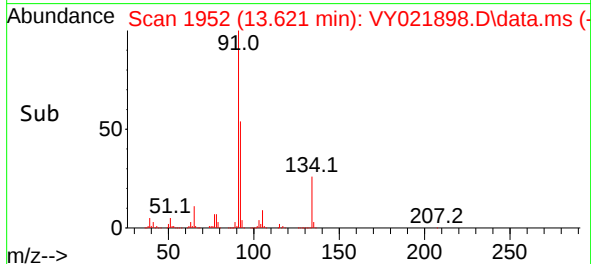
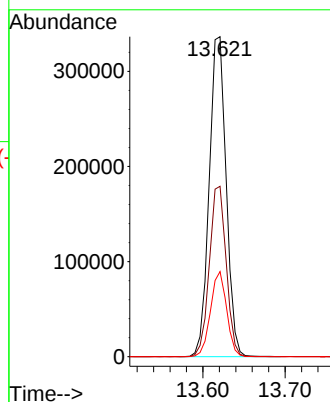
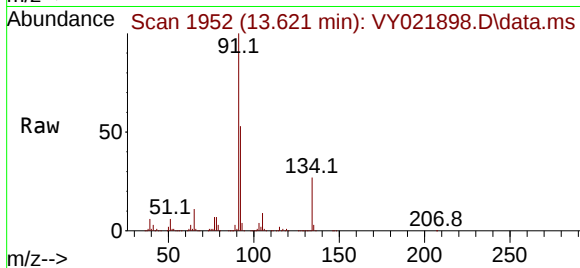
VSTDCCC050EC

Tgt Ion: 91	Resp: 483369
Ion Ratio	Lower Upper
91	100
92	52.9 26.4 79.2
134	25.3 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#90

Hexachloroethane

Concen: 49.351 ug/l

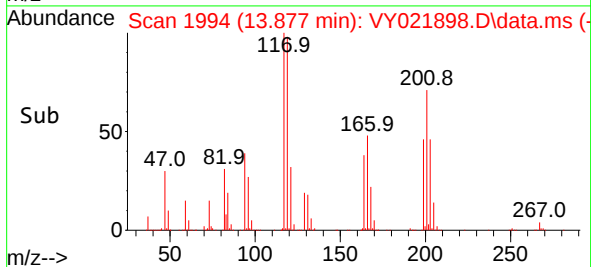
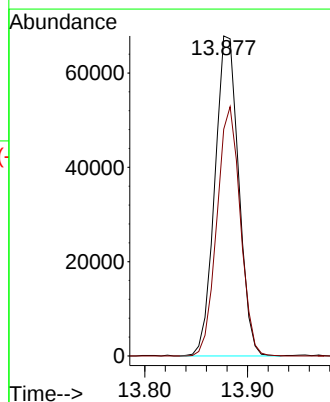
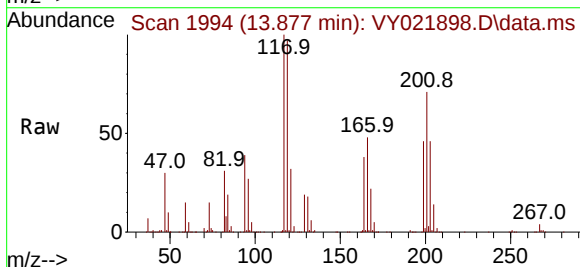
RT: 13.877 min Scan# 1994

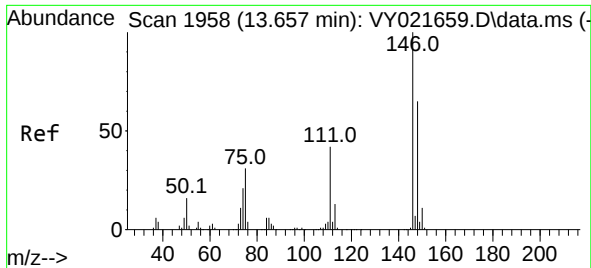
Delta R.T. 0.000 min

Lab File: VY021898.D

Acq: 15 Apr 2025 15:57

Tgt Ion:117	Resp: 109093
Ion Ratio	Lower Upper
117	100
201	76.5 37.4 112.1





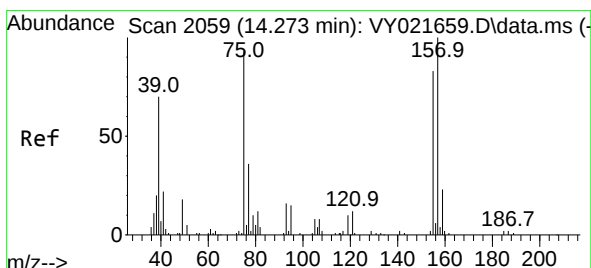
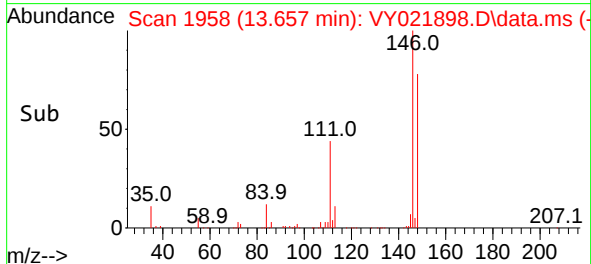
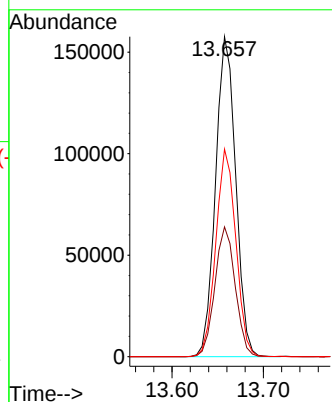
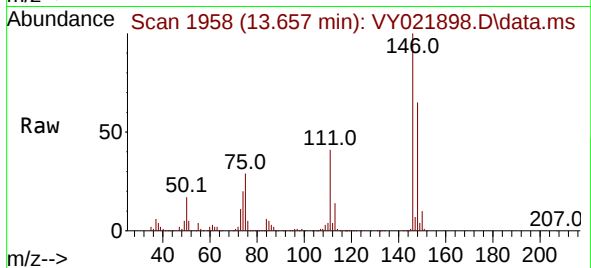
#91
1,2-Dichlorobenzene
Concen: 51.205 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 24190
Ion Ratio Lower Upper
146 100
111 40.9 20.7 62.1
148 64.6 32.3 96.9

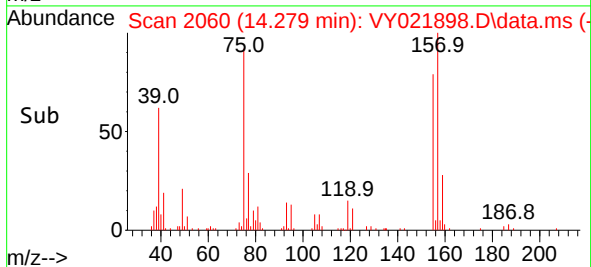
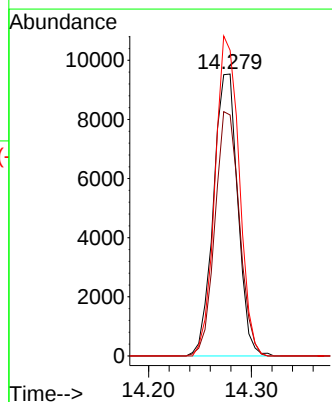
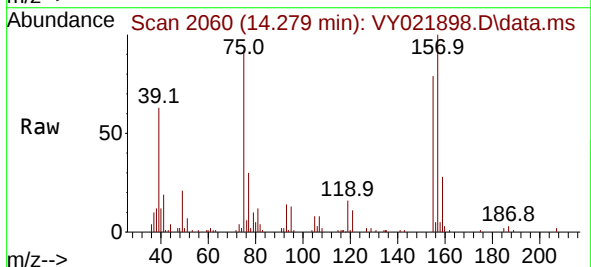
Manual Integrations
APPROVED

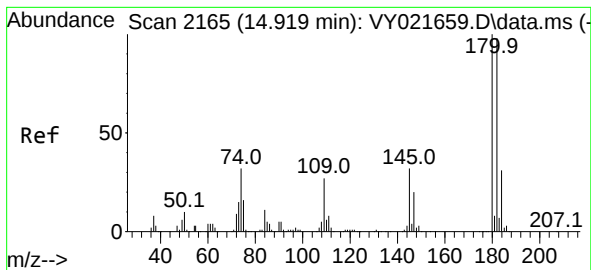
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.009 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

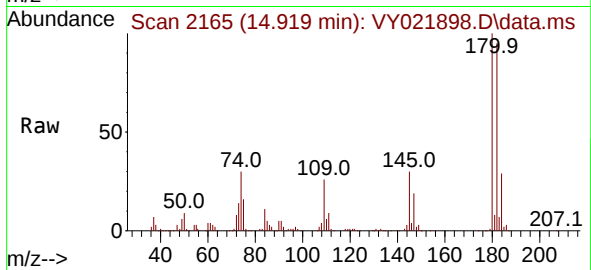
Tgt Ion: 75 Resp: 15668
Ion Ratio Lower Upper
75 100
155 86.8 43.0 128.8
157 112.2 54.0 162.0





#93
1,2,4-Trichlorobenzene
Concen: 52.758 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

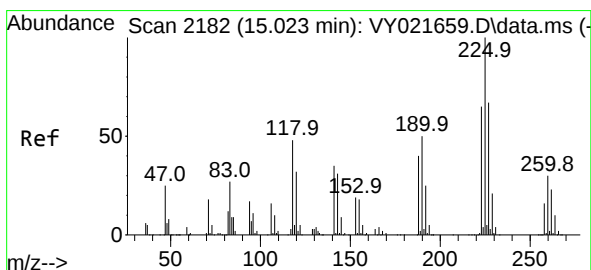
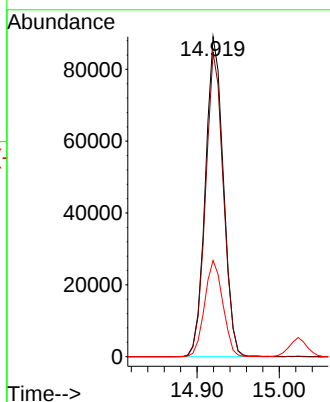
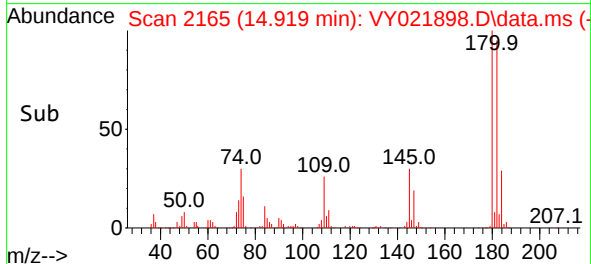
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



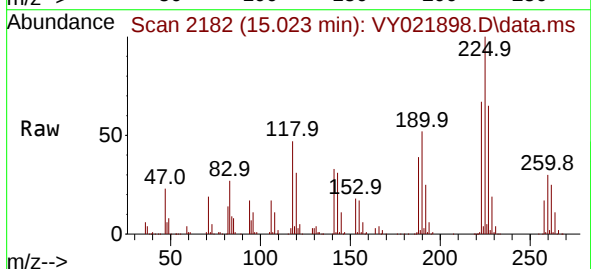
Tgt Ion:180 Resp: 13516
Ion Ratio Lower Upper
180 100
182 94.3 47.5 142.6
145 30.5 14.9 44.9

Manual Integrations
APPROVED

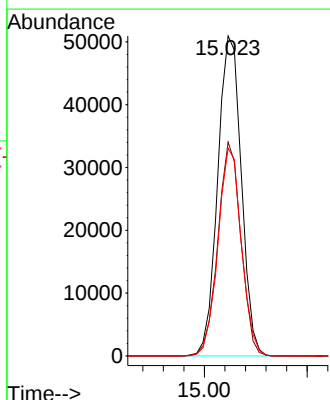
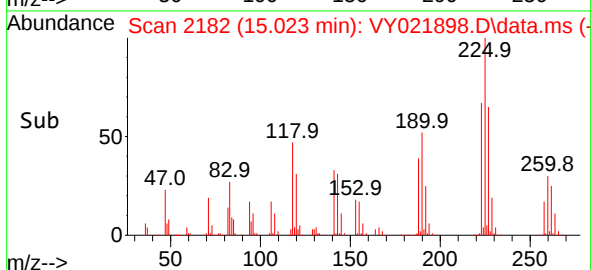
Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

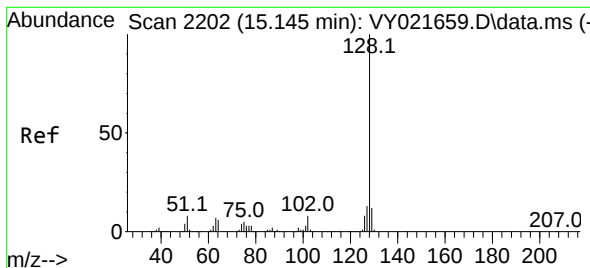


#94
Hexachlorobutadiene
Concen: 50.712 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57



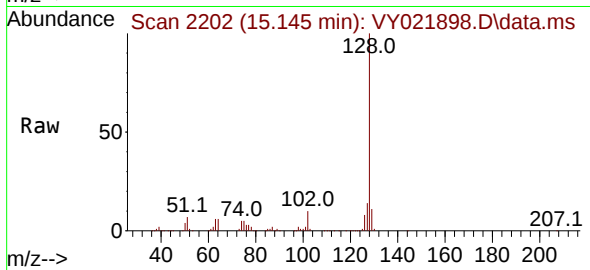
Tgt Ion:225 Resp: 81141
Ion Ratio Lower Upper
225 100
223 64.9 31.9 95.7
227 64.3 32.4 97.0





#95
Naphthalene
Concen: 55.101 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

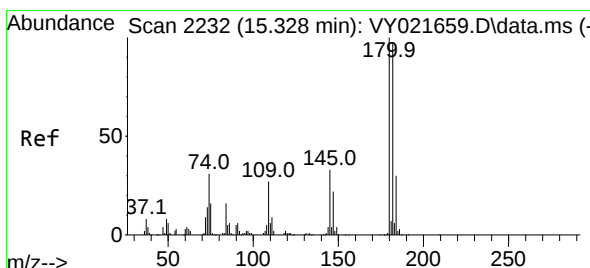
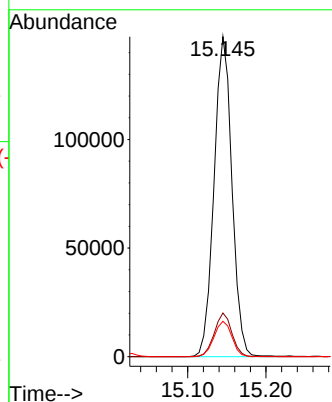
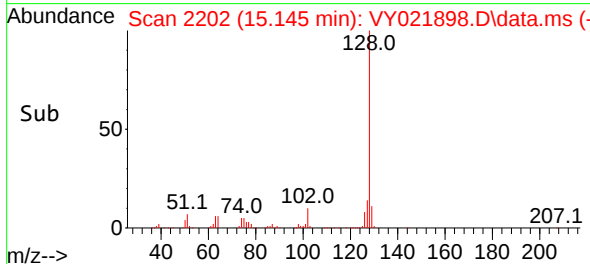
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 233990
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.316 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY021898.D
Acq: 15 Apr 2025 15:57

Tgt Ion:180 Resp: 116480
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.5
145 32.1 15.9 47.7

