

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
 Data File : VY022351.D
 Acq On : 20 May 2025 18:26
 Operator : SY/MD
 Sample : Q2075-05MSD
 Misc : 8.33g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-11MSD

Quant Time: May 21 01:56:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	117744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	220285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	197296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	91227	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	80702	62.714	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.420%	
35) Dibromofluoromethane	7.634	113	67447	51.299	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.600%	
50) Toluene-d8	10.103	98	243044	45.135	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 90.280%	
62) 4-Bromofluorobenzene	12.401	95	77563	45.444	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.880%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	69752	56.773	ug/l	99
3) Chloromethane	2.068	50	149030	57.664	ug/l	99
4) Vinyl Chloride	2.202	62	204676	70.884	ug/l	97
5) Bromomethane	2.592	94	169892	72.277	ug/l	96
6) Chloroethane	2.732	64	144872	80.648	ug/l	98
7) Trichlorofluoromethane	3.049	101	187596	64.170	ug/l	99
8) Diethyl Ether	3.452	74	48755	69.492	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	77753	61.264	ug/l	99
10) Methyl Iodide	4.001	142	93043	63.341	ug/l	99
11) Tert butyl alcohol	4.866	59	34756	353.689	ug/l #	100
12) 1,1-Dichloroethene	3.793	96	79516	63.135	ug/l	92
13) Acrolein	3.647	56	12008	83.588	ug/l	94
14) Allyl chloride	4.385	41	116351	52.687	ug/l	94
15) Acrylonitrile	5.055	53	104332	360.903	ug/l	99
16) Acetone	3.866	43	111202	460.865	ug/l	100
17) Carbon Disulfide	4.104	76	257099	62.600	ug/l	99
18) Methyl Acetate	4.385	43	86490	113.688	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	243870	70.224	ug/l	97
20) Methylene Chloride	4.610	84	103093	66.122	ug/l	93
21) trans-1,2-Dichloroethene	5.110	96	90197	64.882	ug/l	94
22) Diisopropyl ether	6.012	45	291066	62.413	ug/l	97
23) Vinyl Acetate	5.957	43	272918	96.868	ug/l	99
24) 1,1-Dichloroethane	5.915	63	169790	65.168	ug/l	99
25) 2-Butanone	6.890	43	145998	361.733	ug/l	99
26) 2,2-Dichloropropane	6.884	77	134022	57.834	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	109957	68.542	ug/l	94
28) Bromochloromethane	7.244	49	64696	58.214	ug/l	96
29) Tetrahydrofuran	7.256	42	87898	338.510	ug/l	92
30) Chloroform	7.421	83	170151	68.085	ug/l	99
31) Cyclohexane	7.701	56	148238	56.944	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	144918	63.206	ug/l	99
36) 1,1-Dichloropropene	7.835	75	118925	54.915	ug/l	100
37) Ethyl Acetate	6.982	43	54726	52.521	ug/l	98
38) Carbon Tetrachloride	7.817	117	120777	53.878	ug/l	96
39) Methylcyclohexane	9.109	83	157684	54.197	ug/l	97
40) Benzene	8.079	78	402961	62.767	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.256	41	87541	126.653	ug/l #	53
42) 1,2-Dichloroethane	8.152	62	108892	62.721	ug/l	100
43) Isopropyl Acetate	8.195	43	126350	55.601	ug/l	99
44) Trichloroethene	8.866	130	93355	58.482	ug/l	92
45) 1,2-Dichloropropane	9.140	63	92211	59.576	ug/l	99
46) Dibromomethane	9.231	93	53553	64.149	ug/l	98
47) Bromodichloromethane	9.420	83	131028	60.501	ug/l	99
48) Methyl methacrylate	9.219	41	65146	61.301	ug/l	93
49) 1,4-Dioxane	9.225	88	12322	1306.545	ug/l #	92
51) 4-Methyl-2-Pentanone	9.999	43	343426	307.999	ug/l	97
52) Toluene	10.170	92	311976	76.740	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	116532	55.135	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	133810	55.258	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	70404	65.859	ug/l	97
56) Ethyl methacrylate	10.438	69	93754	56.302	ug/l	96
57) 1,3-Dichloropropane	10.713	76	121167	63.793	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	242440	324.368	ug/l	99
59) 2-Hexanone	10.762	43	233661	312.547	ug/l	97
60) Dibromochloromethane	10.908	129	86156	62.093	ug/l	99
61) 1,2-Dibromoethane	11.011	107	63680	63.913	ug/l	100
64) Tetrachloroethene	10.646	164	110490	60.588	ug/l	98
65) Chlorobenzene	11.438	112	247023	55.496	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	87876	57.426	ug/l	99
67) Ethyl Benzene	11.517	91	662491	79.472	ug/l	97
68) m/p-Xylenes	11.627	106	646496	205.811	ug/l	98
69) o-Xylene	11.950	106	339682	114.296	ug/l	98
70) Styrene	11.969	104	286703	57.189	ug/l	92
71) Bromoform	12.133	173	47726	57.783	ug/l #	96
73) Isopropylbenzene	12.255	105	445609	58.961	ug/l	100
74) N-amyl acetate	12.072	43	48012	22.212	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	72829	62.659	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	97497	105.491	ug/l #	100
77) Bromobenzene	12.530	156	92821	57.504	ug/l	98
78) n-propylbenzene	12.590	91	578609	63.472	ug/l	100
79) 2-Chlorotoluene	12.676	91	328215	65.517	ug/l	92
80) 1,3,5-Trimethylbenzene	12.737	105	435716	71.419	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	19607	42.975	ug/l	94
82) 4-Chlorotoluene	12.773	91	275371	53.441	ug/l	99
83) tert-Butylbenzene	12.999	119	297328	54.832	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	850199	140.385	ug/l	99
85) sec-Butylbenzene	13.176	105	440134	54.679	ug/l	100
86) p-Isopropyltoluene	13.292	119	357175	52.760	ug/l	98
87) 1,3-Dichlorobenzene	13.285	146	174544	52.969	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	171952	54.249	ug/l	98
89) n-Butylbenzene	13.615	91	339824	53.059	ug/l	96
90) Hexachloroethane	13.877	117	71808	52.546	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	155596	56.214	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12219	65.194	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	76925	48.113	ug/l	95
94) Hexachlorobutadiene	15.023	225	36701	41.162	ug/l	98
95) Naphthalene	15.145	128	226323	74.594	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	65369	48.195	ug/l #	86

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QLast Update : Fri May 16 01:42:09 2025
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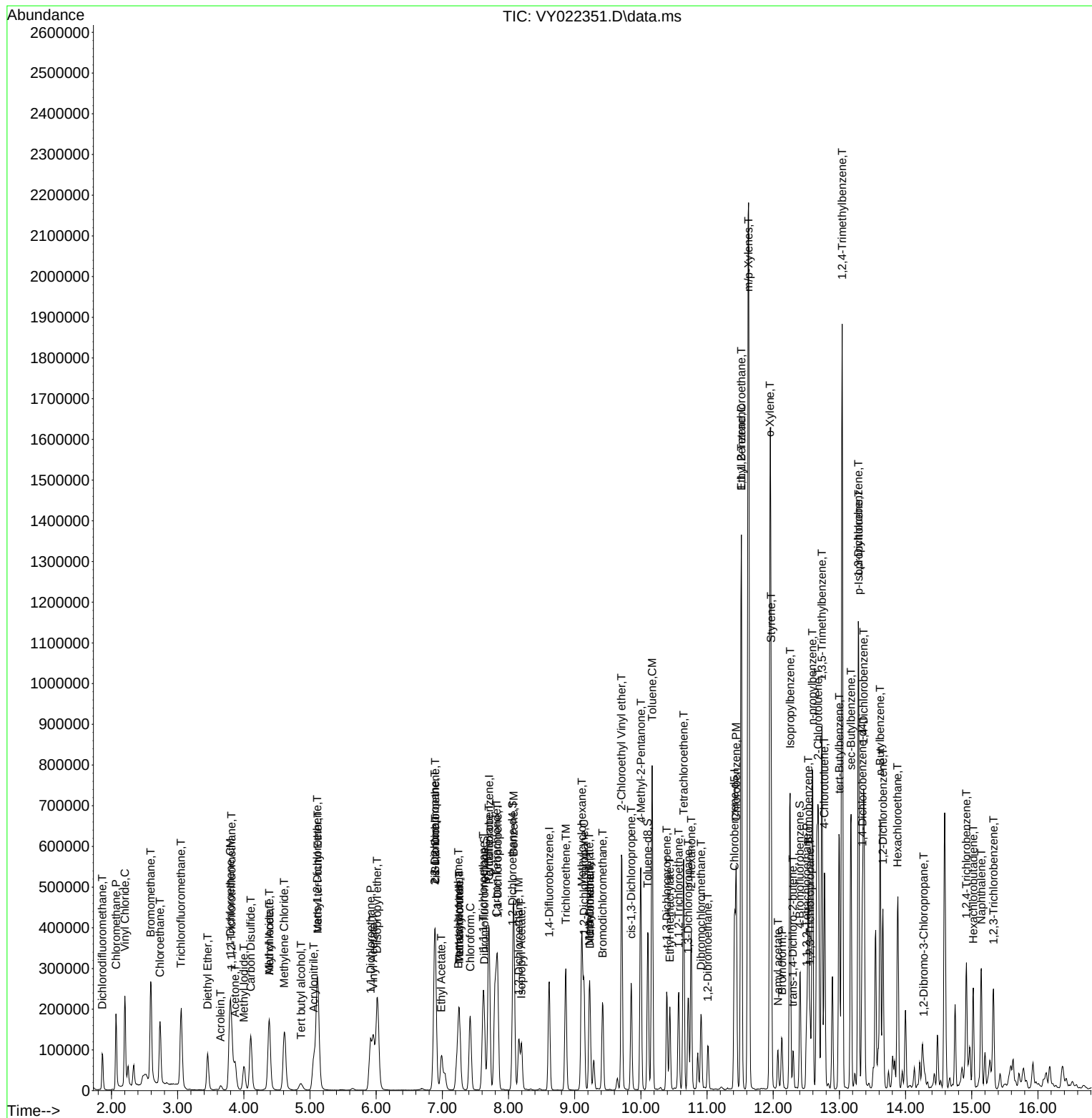
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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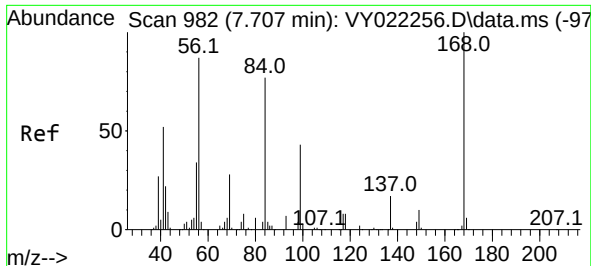
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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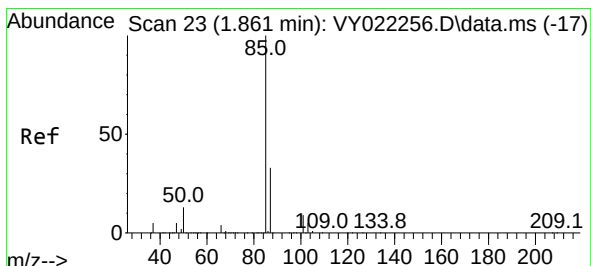
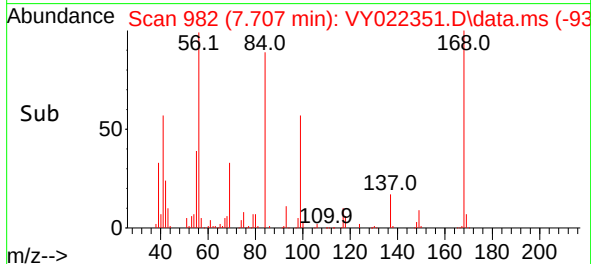
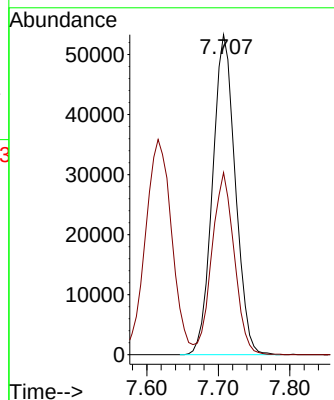
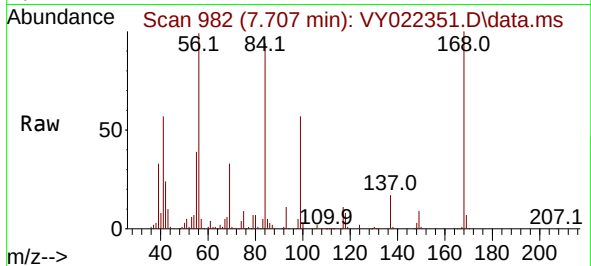




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022351.D
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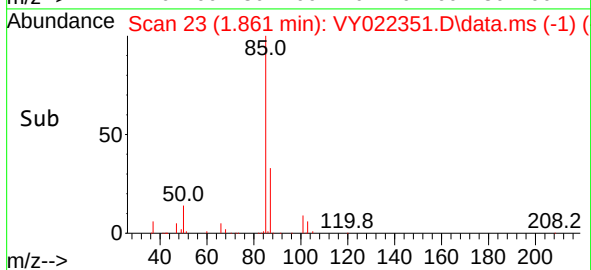
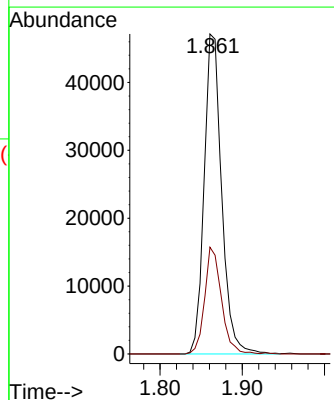
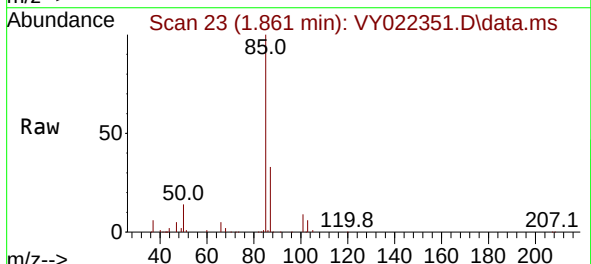
Instrument :
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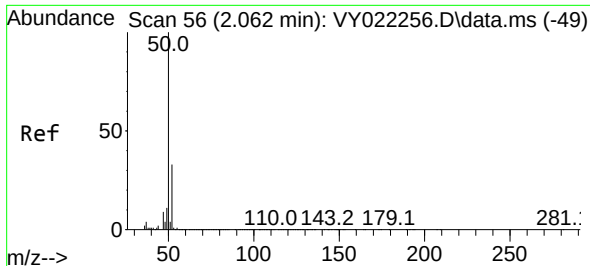
Tgt Ion:168 Resp: 117744
Ion Ratio Lower Upper
168 100
99 56.8 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 56.773 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion: 85 Resp: 69752
Ion Ratio Lower Upper
85 100
87 33.3 16.5 49.5

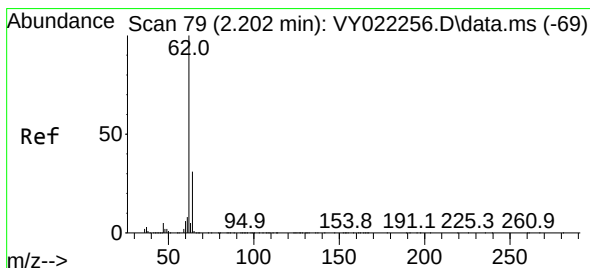
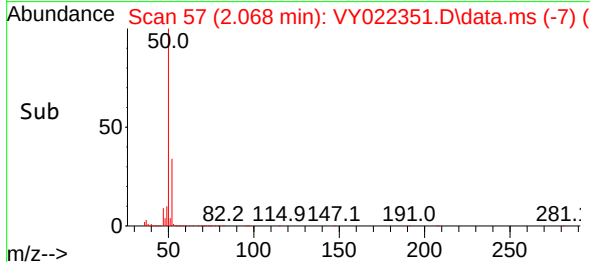
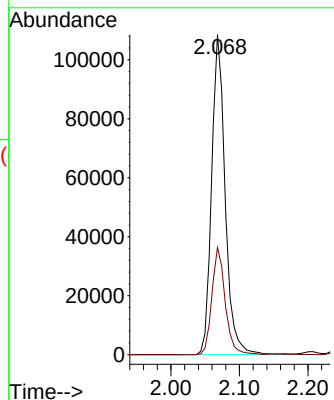
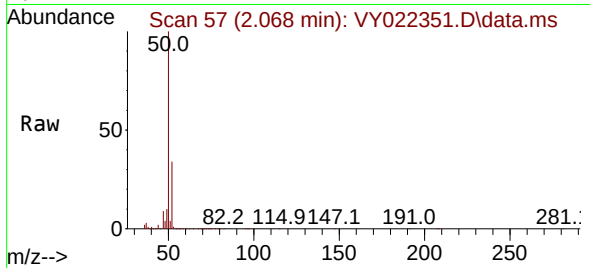




#3
Chloromethane
Concen: 57.664 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

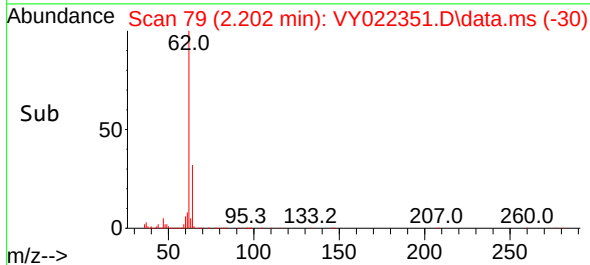
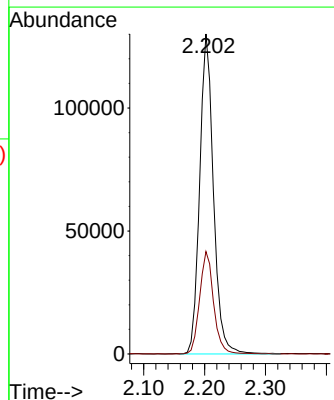
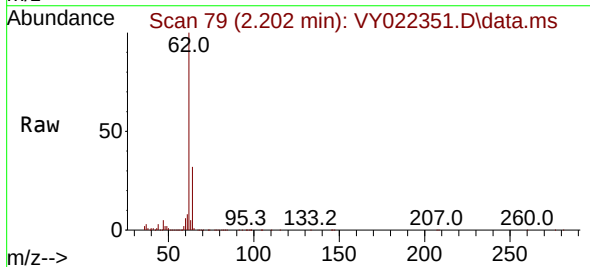
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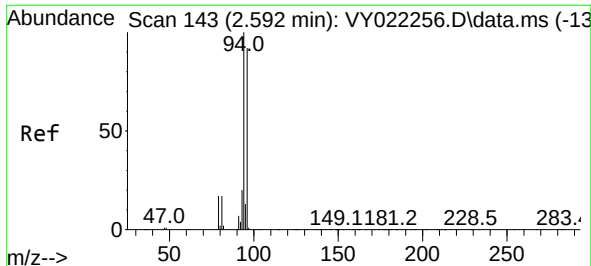
Tgt Ion: 50 Resp: 149030
Ion Ratio Lower Upper
50 100
52 33.5 26.5 39.7



#4
Vinyl Chloride
Concen: 70.884 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion: 62 Resp: 204676
Ion Ratio Lower Upper
62 100
64 32.0 24.5 36.7

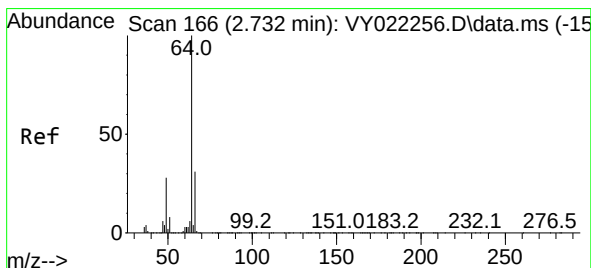
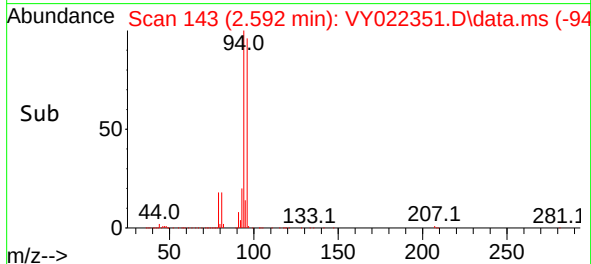
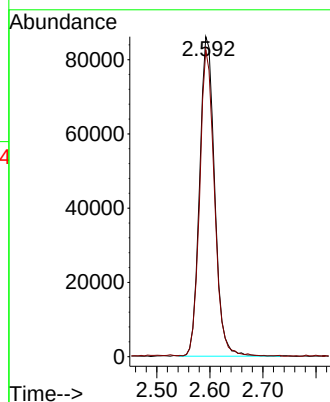
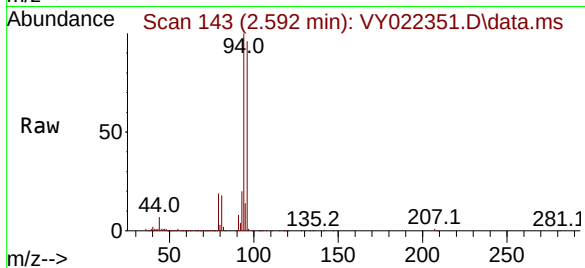




#5
 Bromomethane
 Concen: 72.277 ug/l
 RT: 2.592 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VY022351.D
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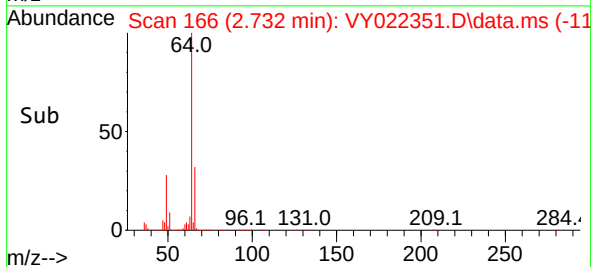
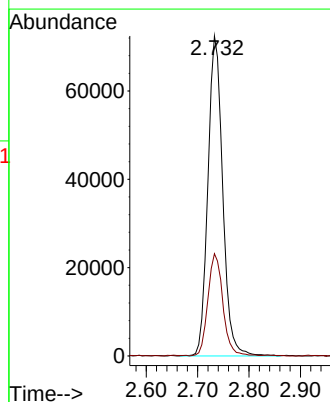
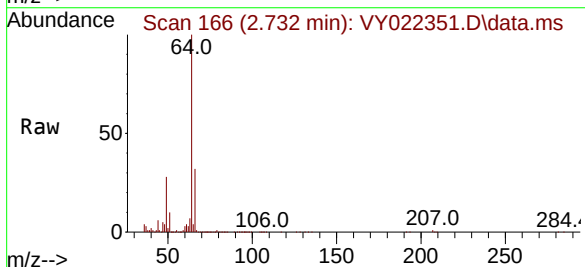
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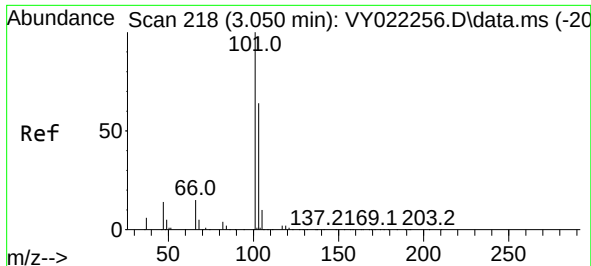
Tgt Ion: 94 Resp: 169892
 Ion Ratio Lower Upper
 94 100
 96 95.6 73.4 110.0



#6
 Chloroethane
 Concen: 80.648 ug/l
 RT: 2.732 min Scan# 166
 Delta R.T. -0.000 min
 Lab File: VY022351.D
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Tgt Ion: 64 Resp: 144872
 Ion Ratio Lower Upper
 64 100
 66 31.8 24.8 37.2

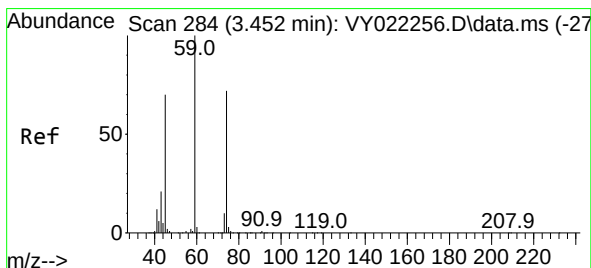
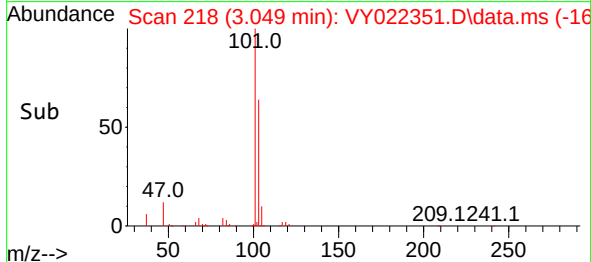
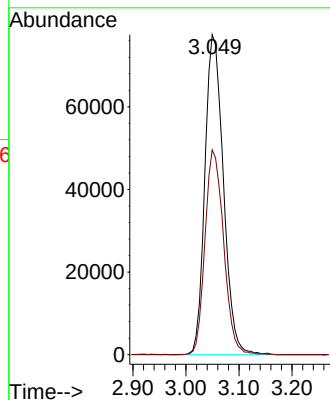
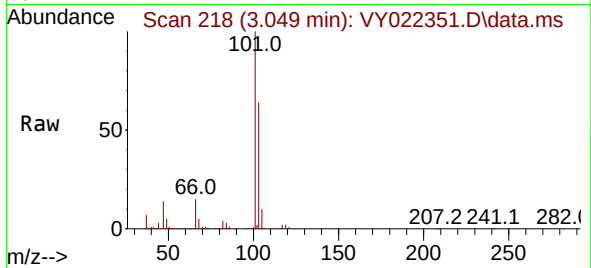




#7
Trichlorofluoromethane
Concen: 64.170 ug/l
RT: 3.049 min Scan# 218
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

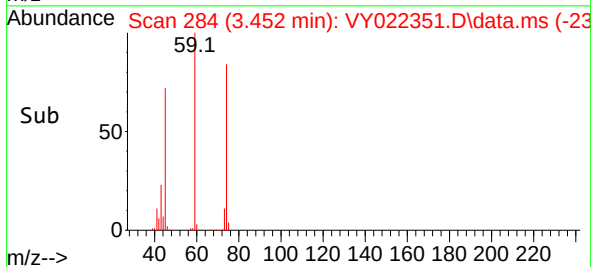
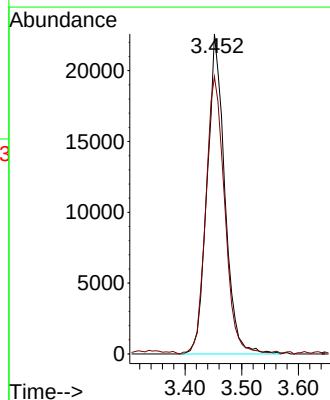
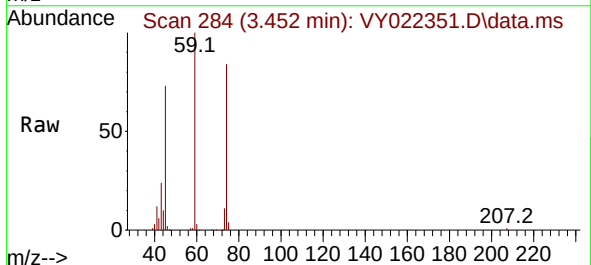
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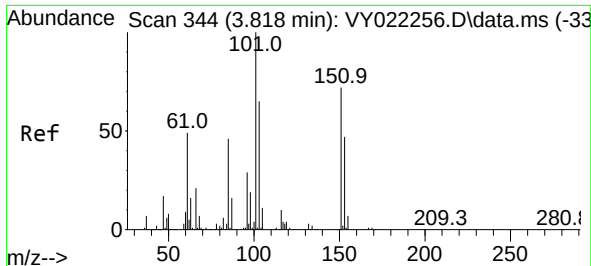
Tgt Ion:101 Resp: 187596
Ion Ratio Lower Upper
101 100
103 64.0 51.7 77.5



#8
Diethyl Ether
Concen: 69.492 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 48755
Ion Ratio Lower Upper
74 100
45 93.0 48.6 145.8



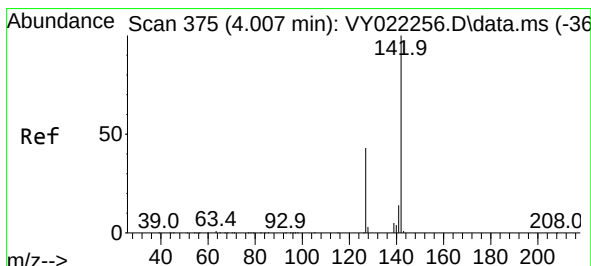
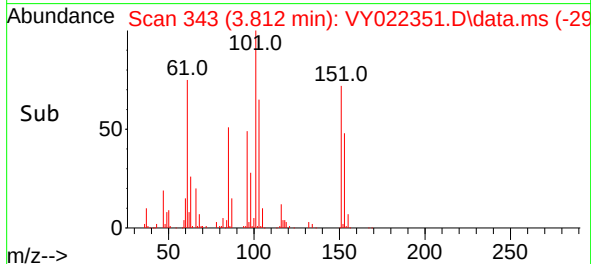
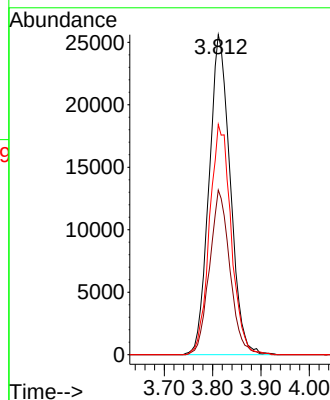
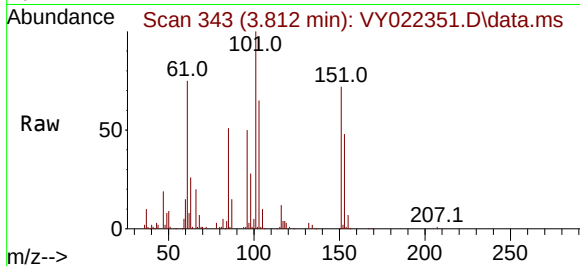


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 61.264 ug/l
 RT: 3.812 min Scan# 344
 Delta R.T. -0.006 min
 Lab File: VY022351.D
 Acq: 20 May 2025 18:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-11MSD

Tgt Ion:101 Resp: 77753

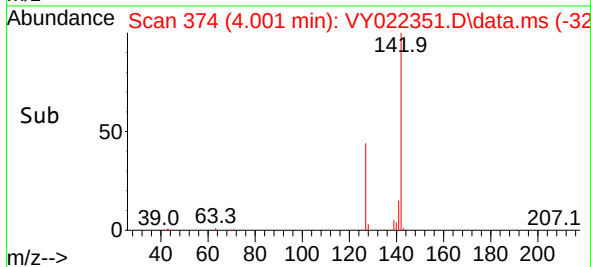
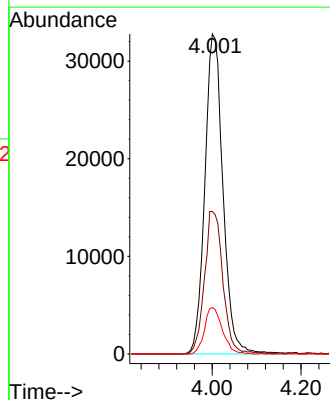
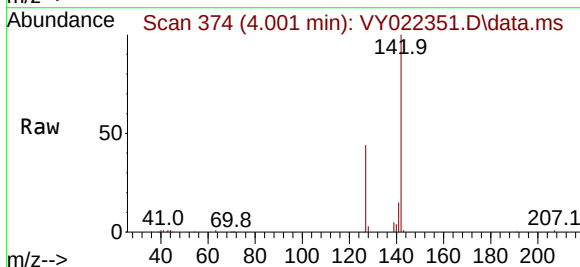
Ion	Ratio	Lower	Upper
101	100		
85	49.5	38.6	58.0
151	73.6	59.7	89.5

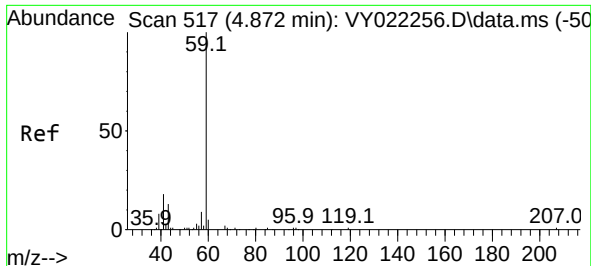


#10
 Methyl Iodide
 Concen: 63.341 ug/l
 RT: 4.001 min Scan# 374
 Delta R.T. -0.006 min
 Lab File: VY022351.D
 Acq: 20 May 2025 18:26

Tgt Ion:142 Resp: 93043

Ion	Ratio	Lower	Upper
142	100		
127	45.3	35.7	53.5
141	14.3	11.1	16.7

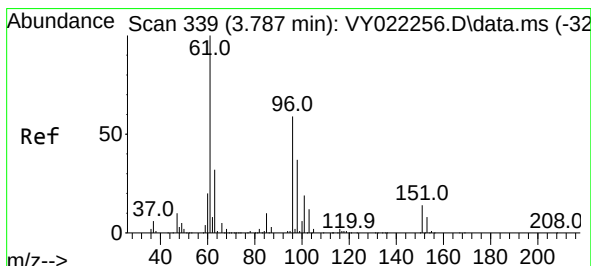
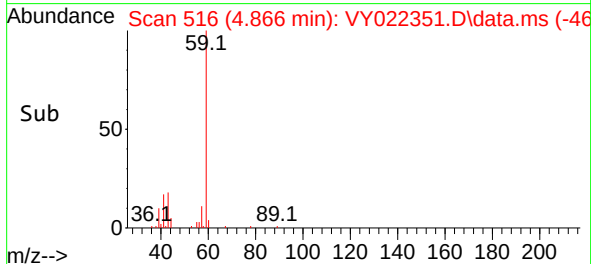
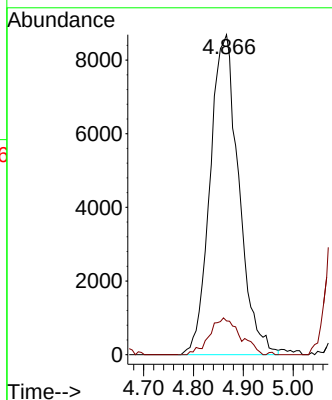
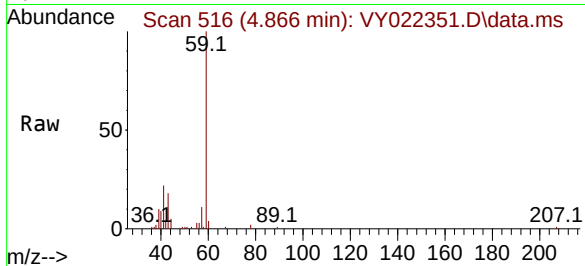




#11
Tert butyl alcohol
Concen: 353.689 ug/l
RT: 4.866 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

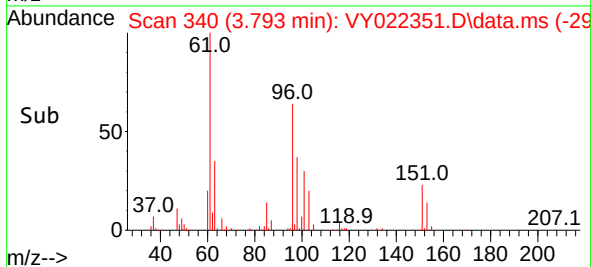
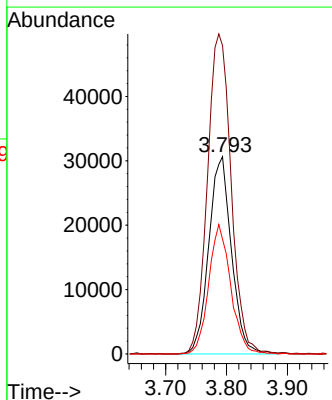
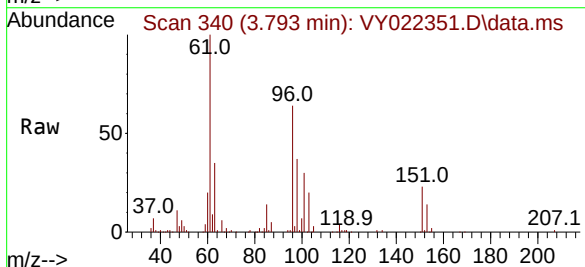
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MSD

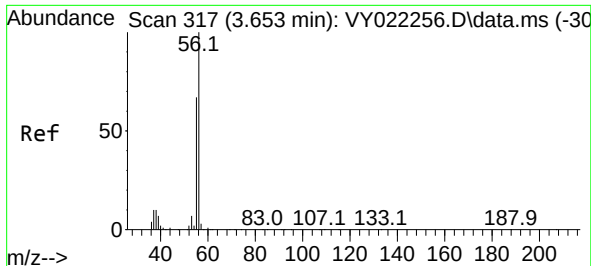
Tgt Ion: 59 Resp: 34756
Ion Ratio Lower Upper
59 100
57 12.3 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 63.135 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion: 96 Resp: 79516
Ion Ratio Lower Upper
96 100
61 156.3 134.9 202.3
98 58.1 49.9 74.9





#13

Acrolein

Concen: 83.588 ug/l

RT: 3.647 min Scan# 316

Delta R.T. -0.006 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

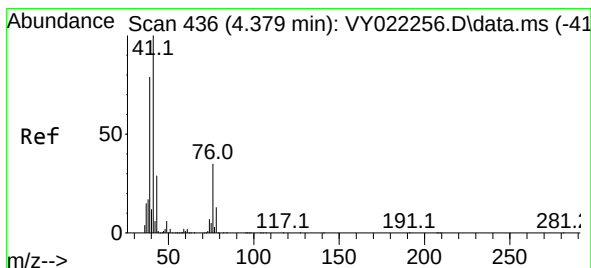
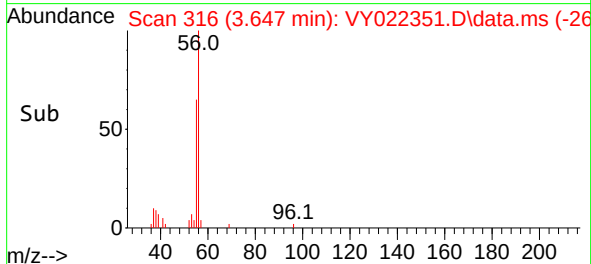
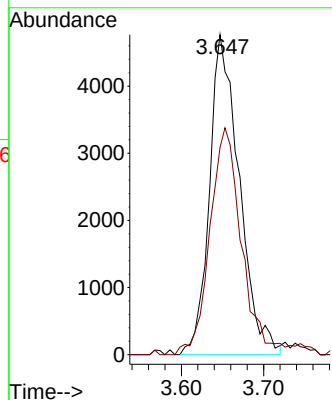
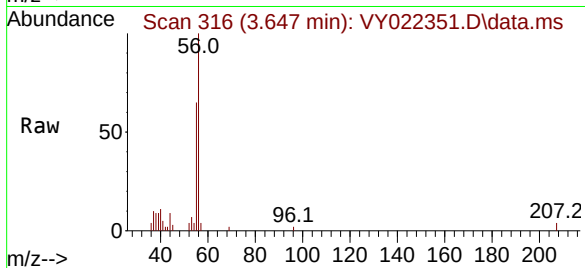
SS-11MSD

Tgt Ion: 56 Resp: 12008

Ion Ratio Lower Upper

56 100

55 74.8 55.6 83.4



#14

Allyl chloride

Concen: 52.687 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

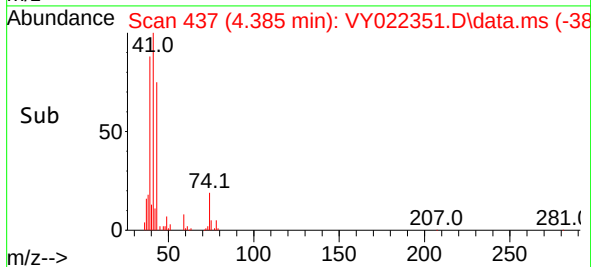
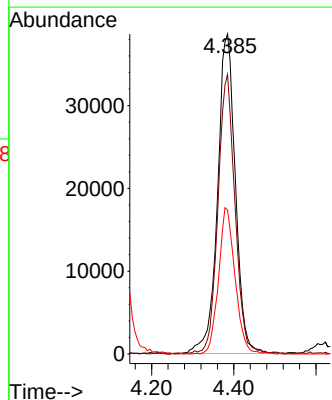
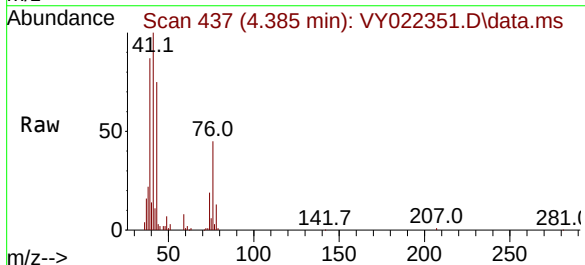
Tgt Ion: 41 Resp: 116351

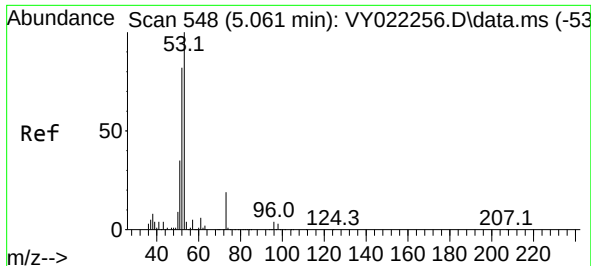
Ion Ratio Lower Upper

41 100

39 83.5 63.4 95.0

76 42.3 29.5 44.3

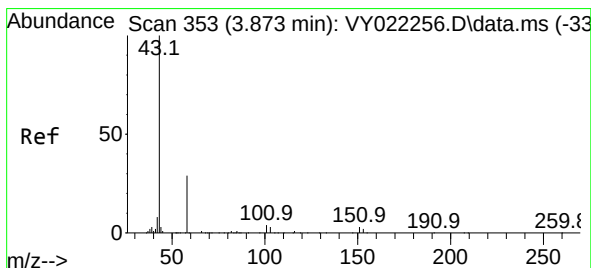
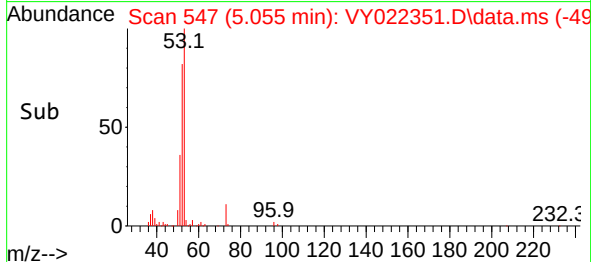
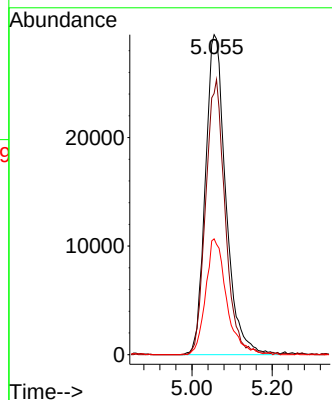
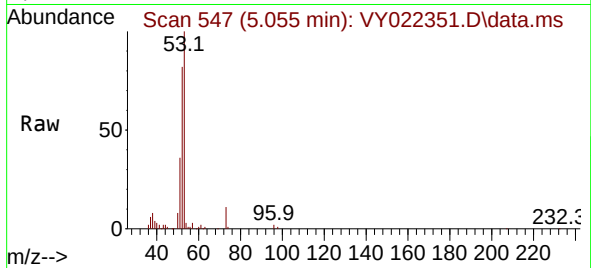




#15
Acrylonitrile
Concen: 360.903 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

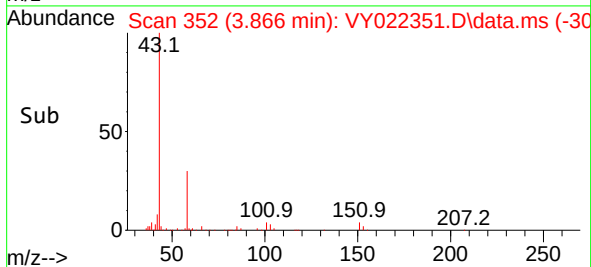
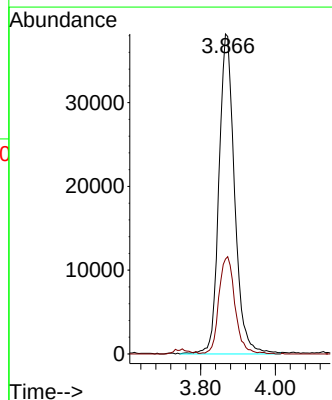
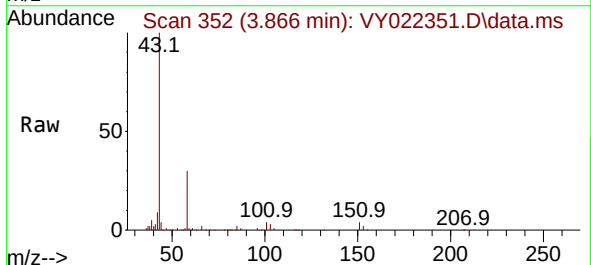
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MSD

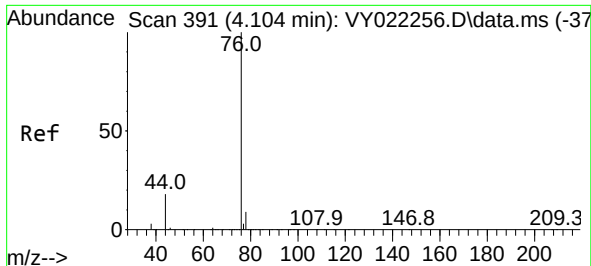
Tgt Ion: 53 Resp: 104332
Ion Ratio Lower Upper
53 100
52 81.9 66.1 99.1
51 37.1 30.0 45.0



#16
Acetone
Concen: 460.865 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion: 43 Resp: 111202
Ion Ratio Lower Upper
43 100
58 29.6 23.6 35.4

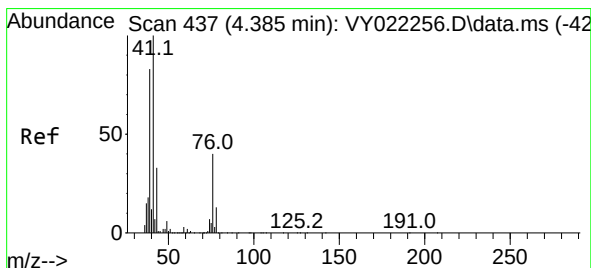
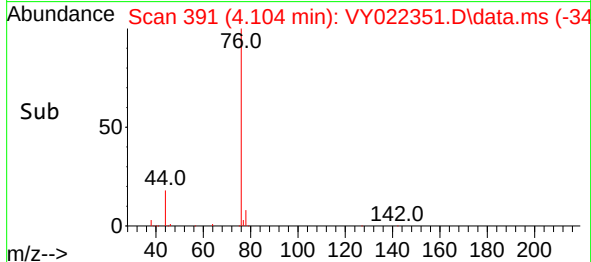
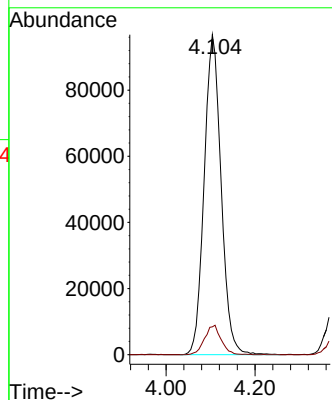
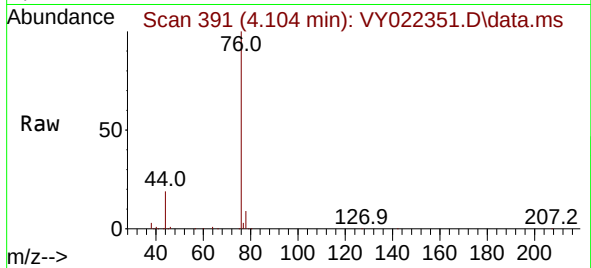




#17
Carbon Disulfide
Concen: 62.600 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

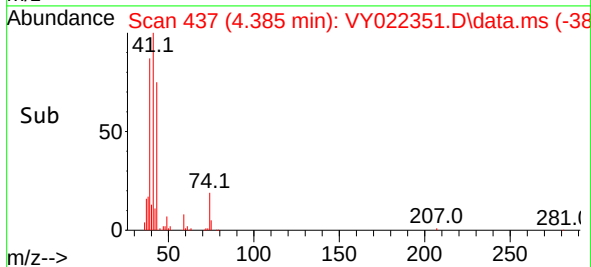
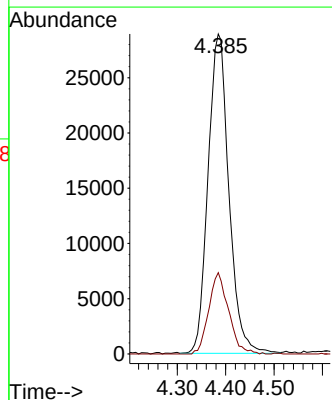
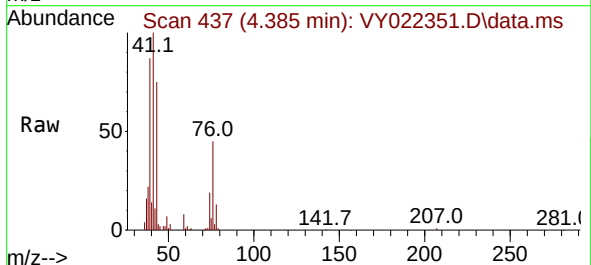
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MSD

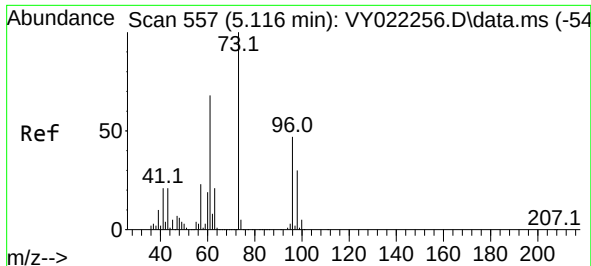
Tgt Ion: 76 Resp: 257099
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 113.688 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion: 43 Resp: 86490
Ion Ratio Lower Upper
43 100
74 24.3 18.2 27.4

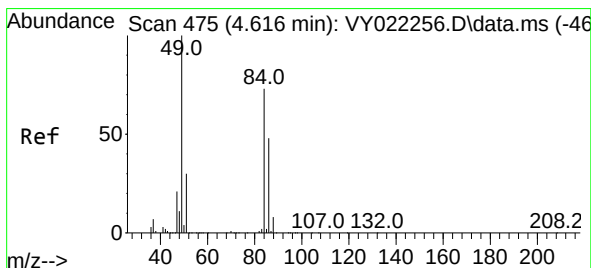
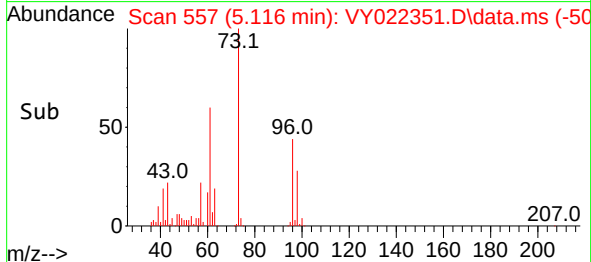
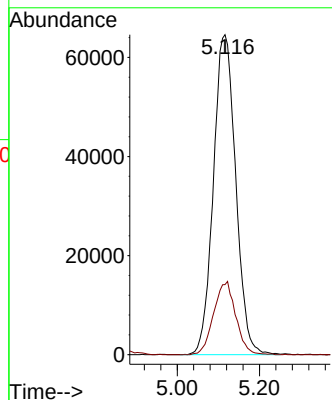
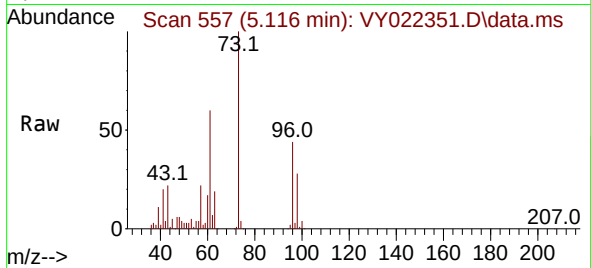




#19
Methyl tert-butyl Ether
Concen: 70.224 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

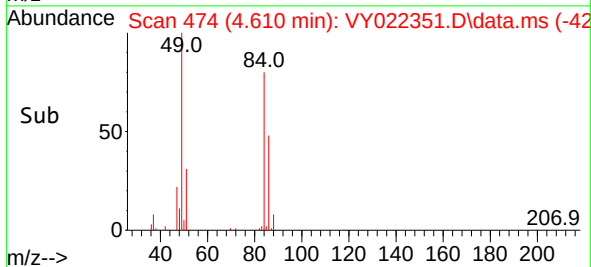
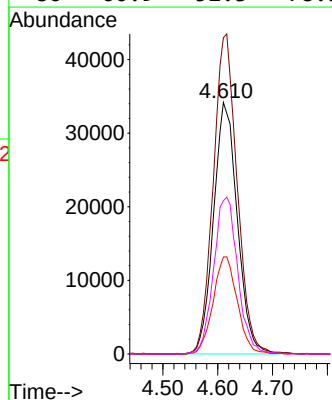
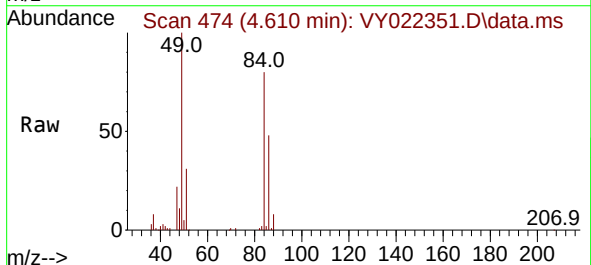
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MSD

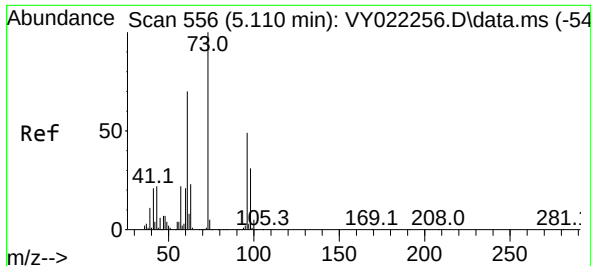
Tgt Ion: 73 Resp: 243870
Ion Ratio Lower Upper
73 100
57 21.9 18.6 28.0



#20
Methylene Chloride
Concen: 66.122 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion: 84 Resp: 103093
Ion Ratio Lower Upper
84 100
49 125.8 109.6 164.4
51 38.5 32.4 48.6
86 60.9 52.3 78.5

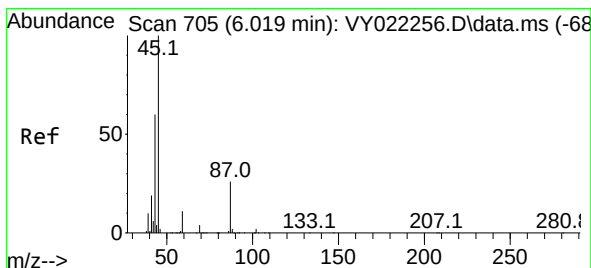
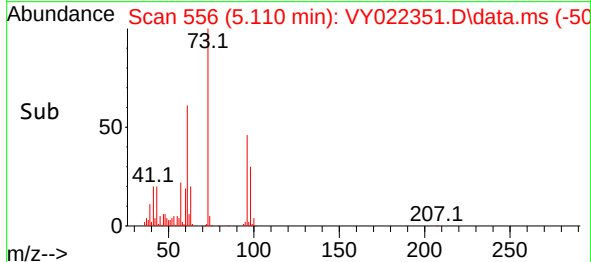
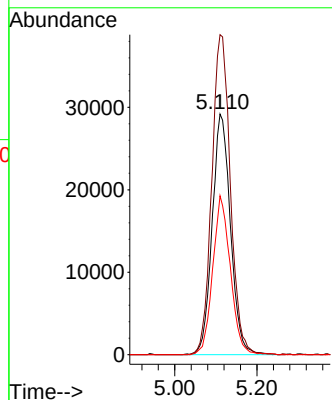
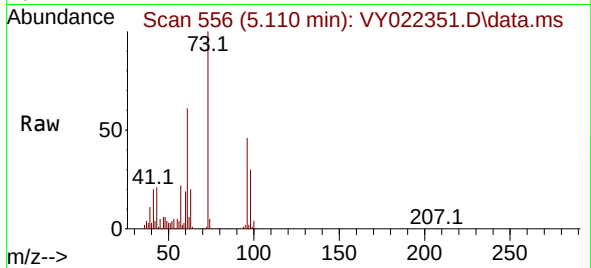




#21
trans-1,2-Dichloroethene
Concen: 64.882 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

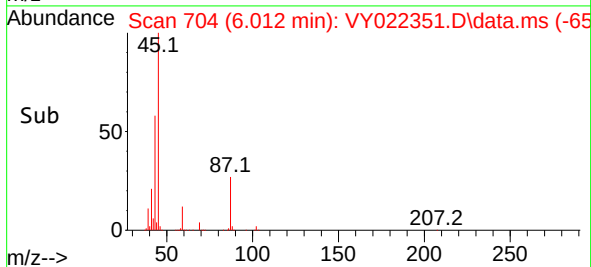
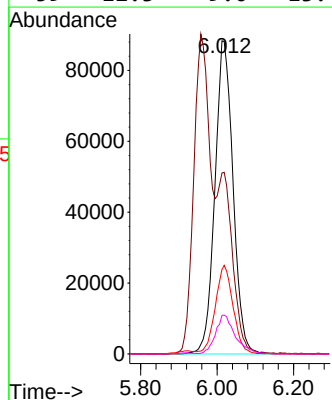
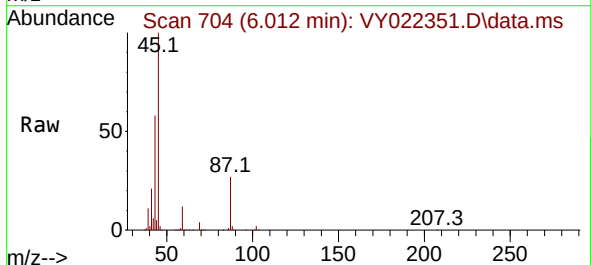
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MSD

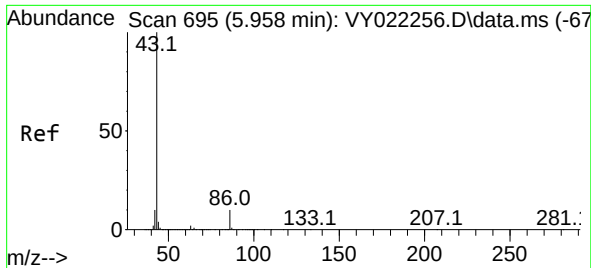
Tgt Ion: 96 Resp: 90197
Ion Ratio Lower Upper
96 100
61 133.0 113.4 170.0
98 66.1 50.9 76.3



#22
Diisopropyl ether
Concen: 62.413 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion: 45 Resp: 291066
Ion Ratio Lower Upper
45 100
43 57.4 48.2 72.2
87 27.0 21.4 32.0
59 12.3 9.0 13.4

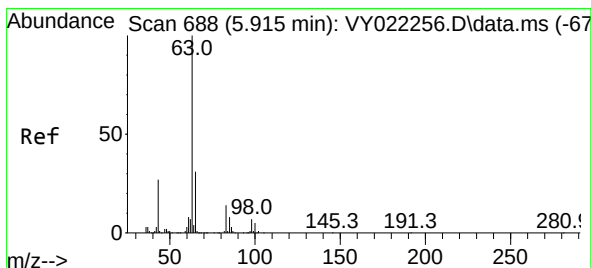
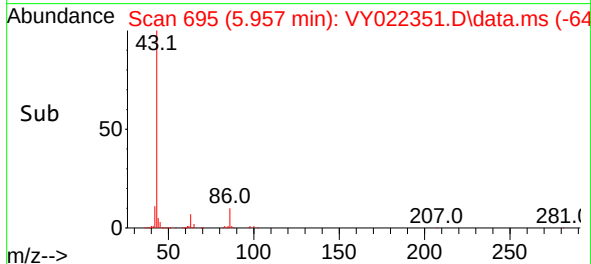
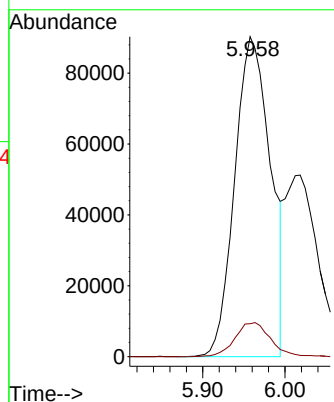
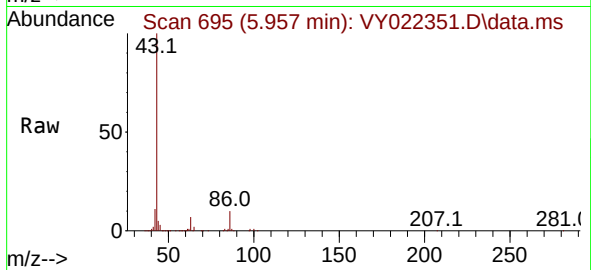




#23
 Vinyl Acetate
 Concen: 96.868 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022351.D
 Acq: 20 May 2025 18:26

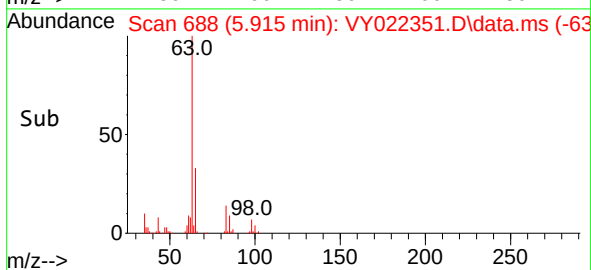
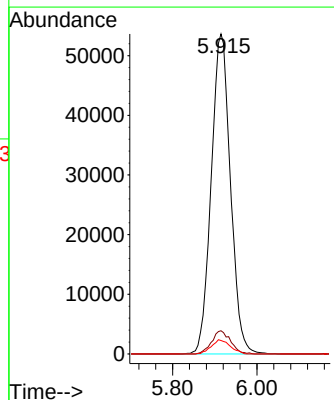
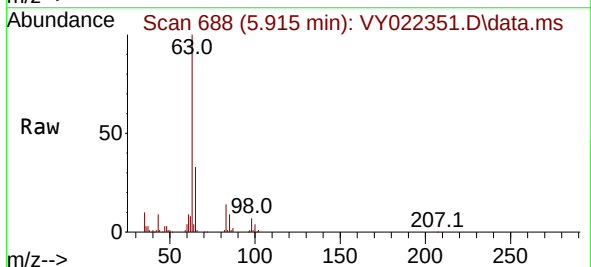
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-11MSD

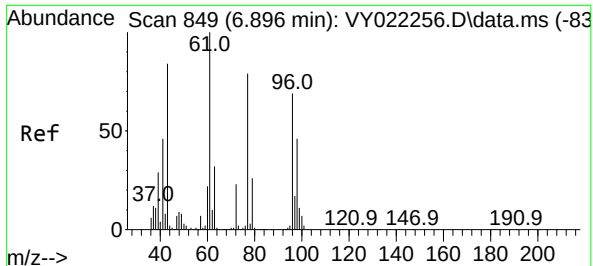
Tgt Ion: 43 Resp: 272918
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 65.168 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022351.D
 Acq: 20 May 2025 18:26

Tgt Ion: 63 Resp: 169790
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.5
 100 4.2 2.4 7.2

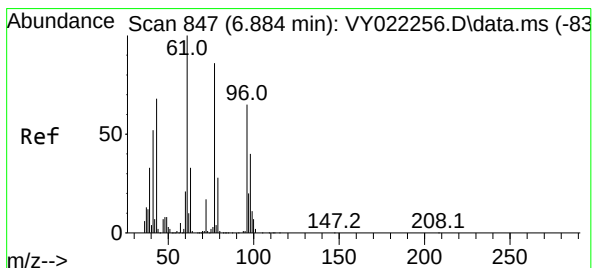
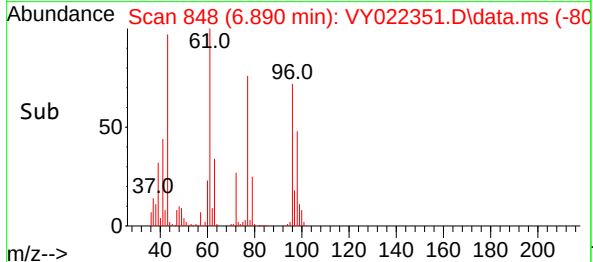
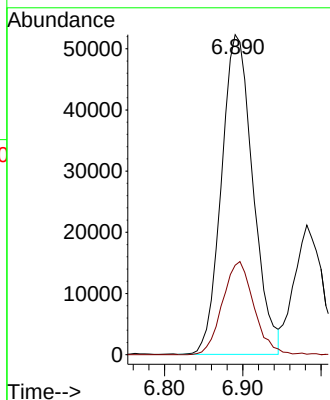
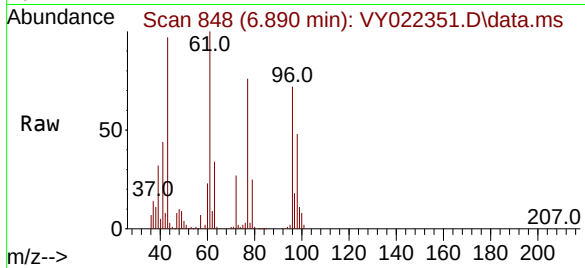




#25
2-Butanone
Concen: 361.733 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

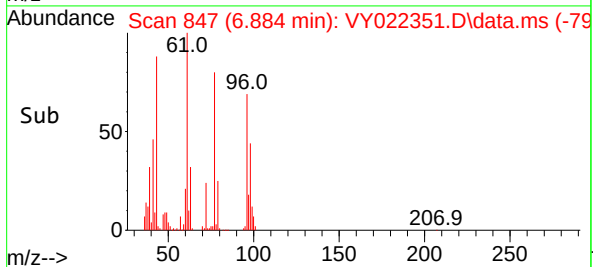
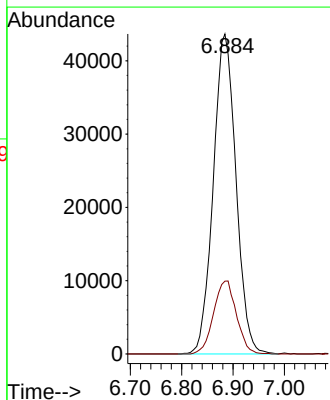
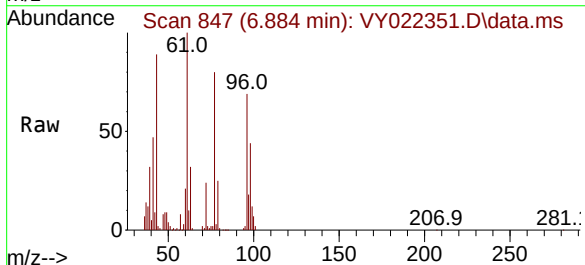
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MSD

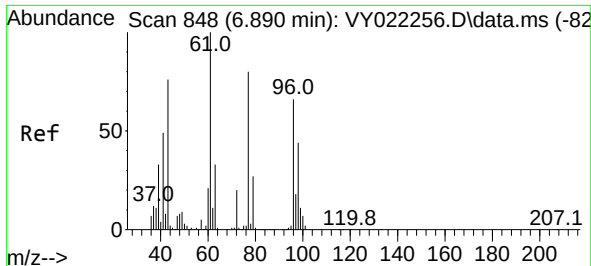
Tgt Ion: 43 Resp: 145998
Ion Ratio Lower Upper
43 100
72 28.0 22.1 33.1



#26
2,2-Dichloropropane
Concen: 57.834 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion: 77 Resp: 134022
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.5

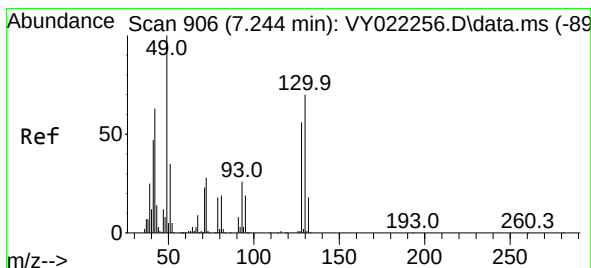
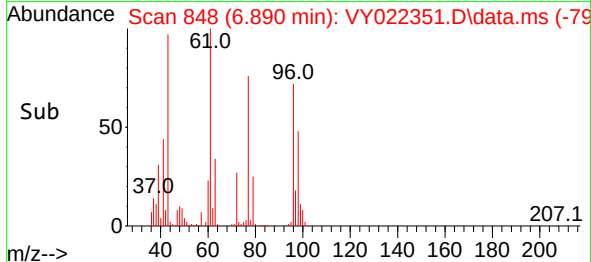
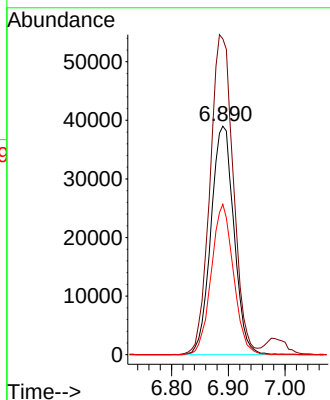
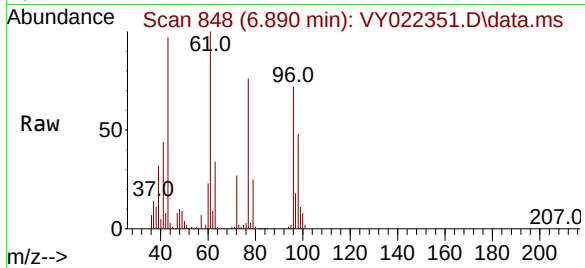




#27
 cis-1,2-Dichloroethene
 Concen: 68.542 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY022351.D
 Acq: 20 May 2025 18:26

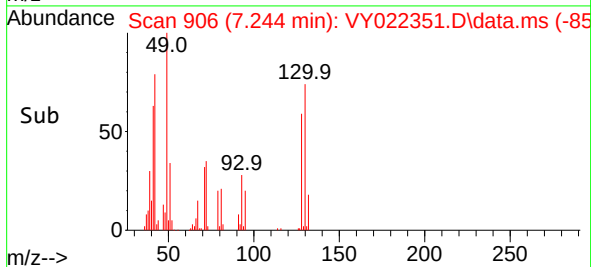
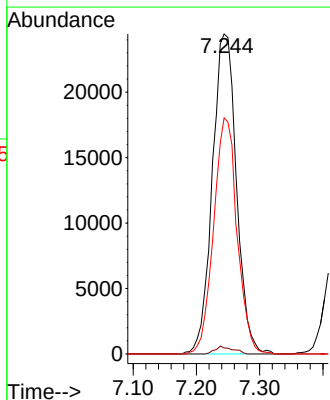
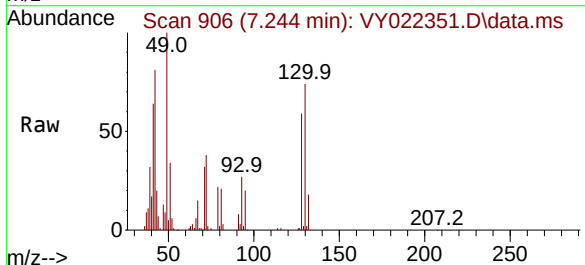
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-11MSD

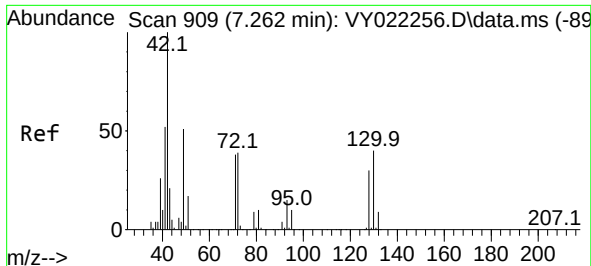
Tgt Ion: 96 Resp: 109957
 Ion Ratio Lower Upper
 96 100
 61 141.9 0.0 302.6
 98 63.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 58.214 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY022351.D
 Acq: 20 May 2025 18:26

Tgt Ion: 49 Resp: 64696
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 71.6 54.7 82.1





#29

Tetrahydrofuran

Concen: 338.510 ug/l

RT: 7.256 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

SS-11MSD

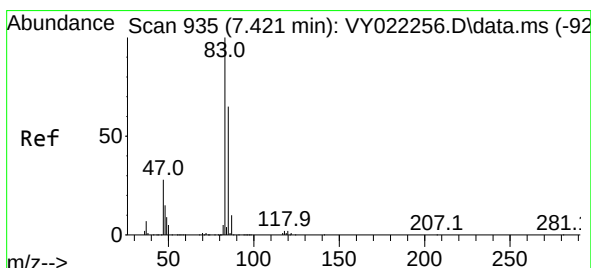
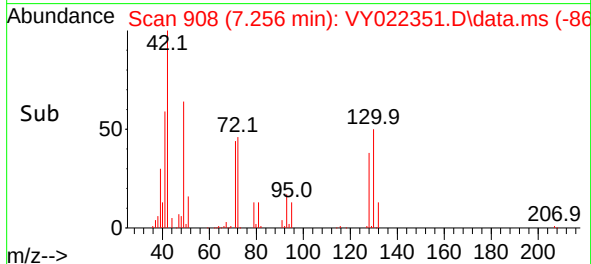
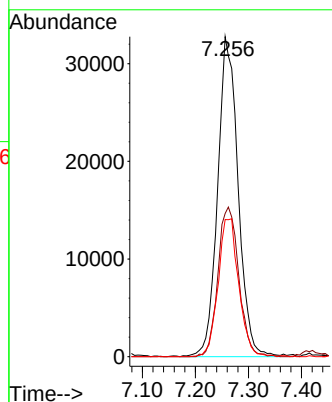
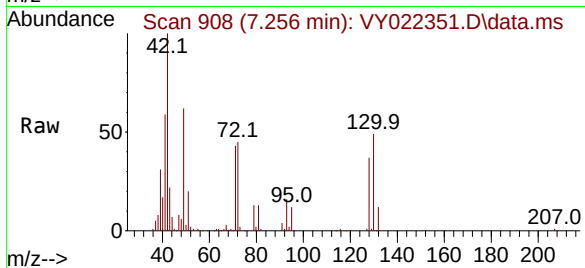
Tgt Ion: 42 Resp: 87898

Ion Ratio Lower Upper

42 100

72 47.7 33.8 50.6

71 43.5 31.5 47.3



#30

Chloroform

Concen: 68.085 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022351.D

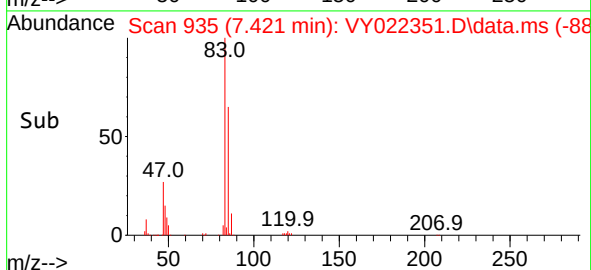
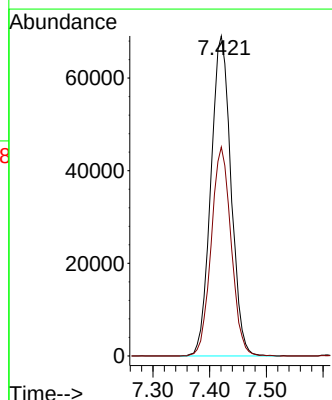
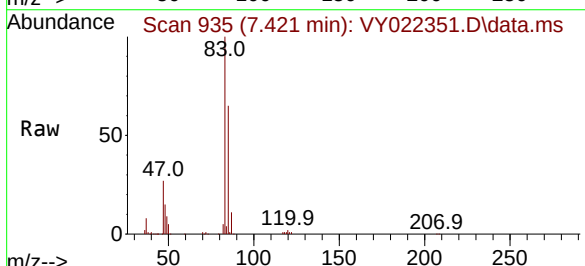
Acq: 20 May 2025 18:26

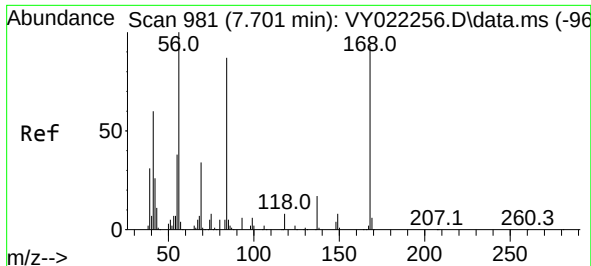
Tgt Ion: 83 Resp: 170151

Ion Ratio Lower Upper

83 100

85 65.3 51.8 77.8

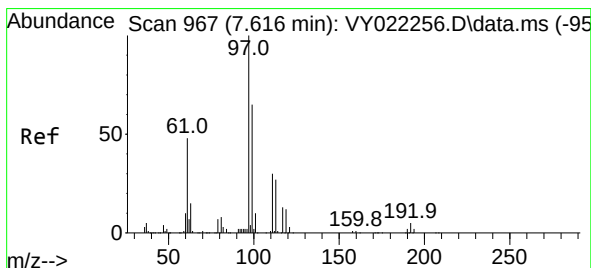
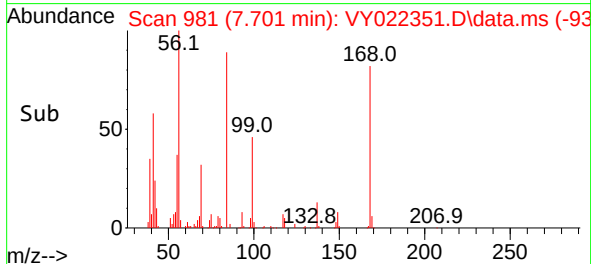
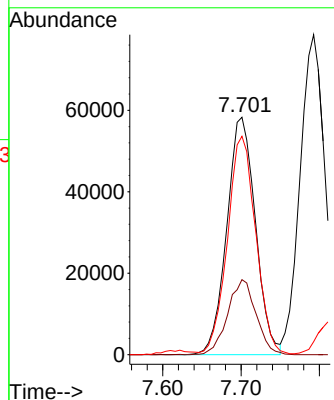
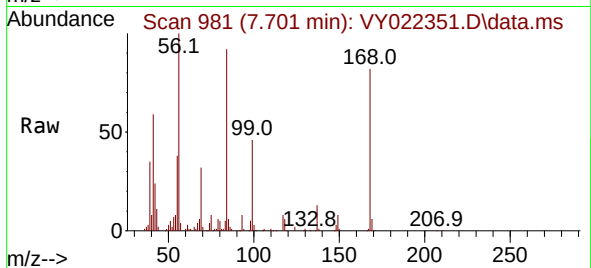




#31
Cyclohexane
Concen: 56.944 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

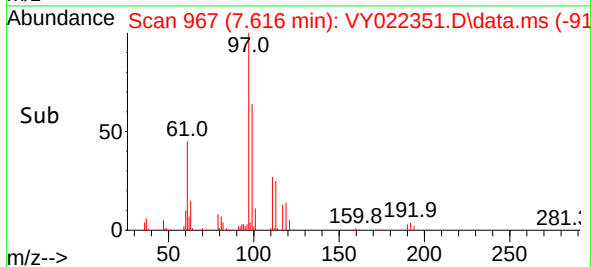
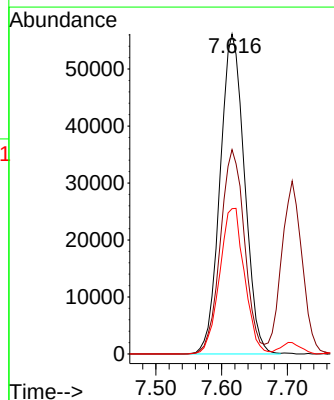
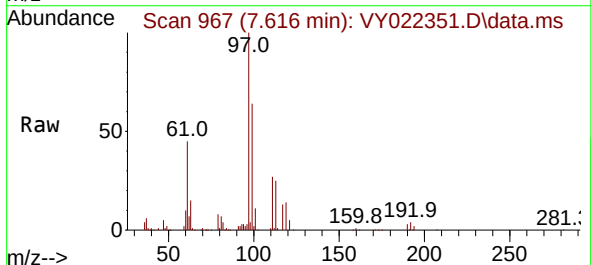
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MSD

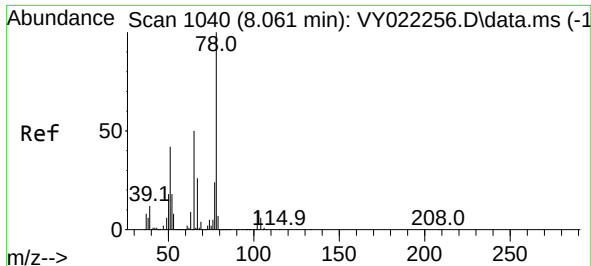
Tgt Ion: 56 Resp: 148238
Ion Ratio Lower Upper
56 100
69 31.5 27.4 41.2
84 90.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 63.206 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion: 97 Resp: 144918
Ion Ratio Lower Upper
97 100
99 63.5 51.4 77.0
61 46.5 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 62.714 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

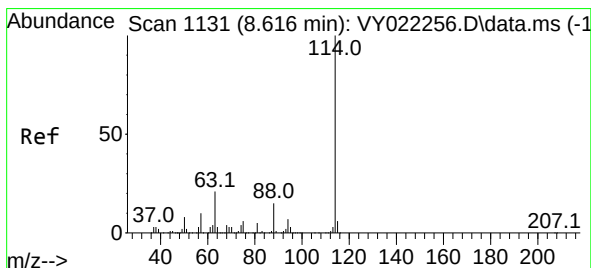
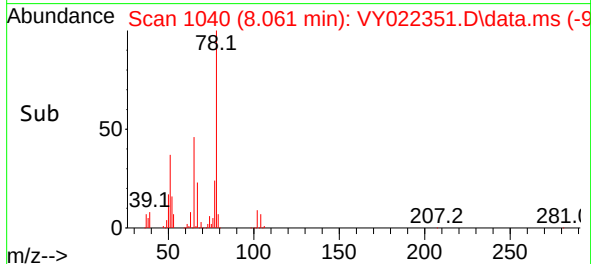
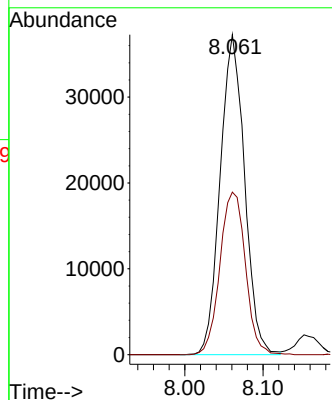
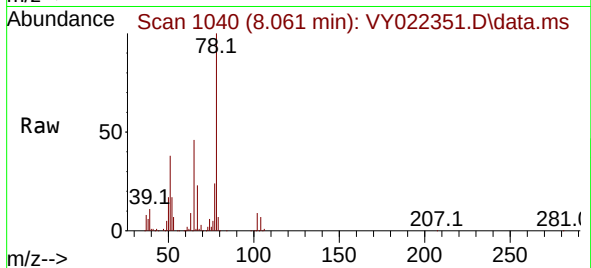
SS-11MSD

Tgt Ion: 65 Resp: 80702

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

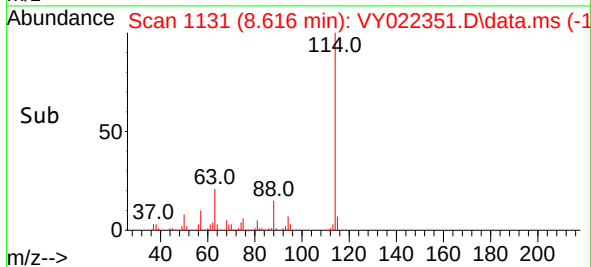
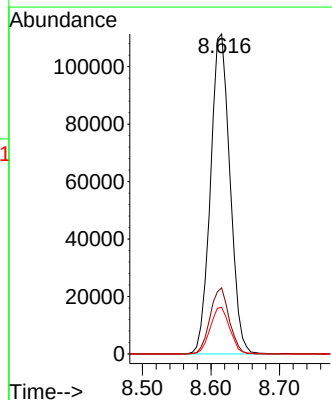
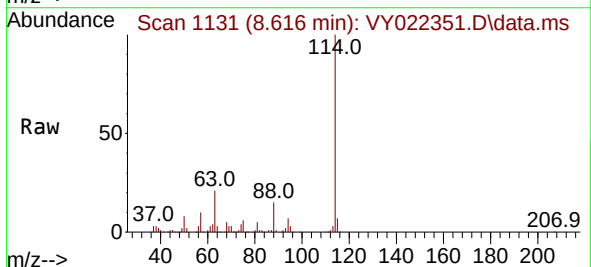
Tgt Ion: 114 Resp: 220285

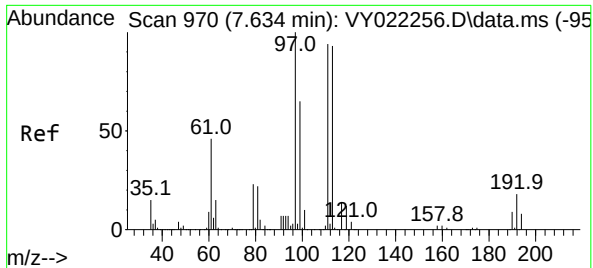
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.0

88 14.5 0.0 29.4

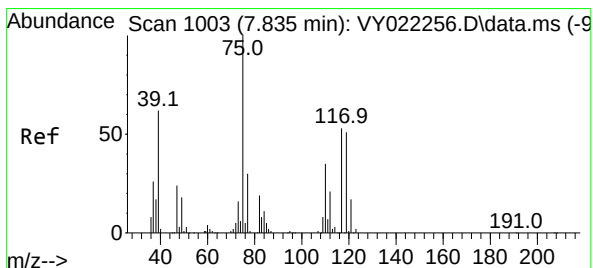
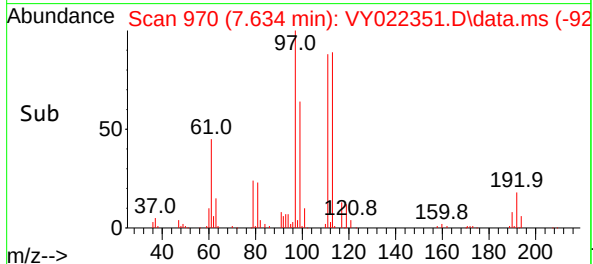
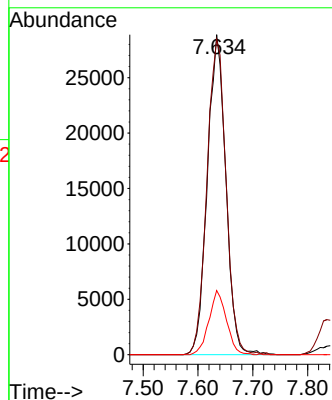
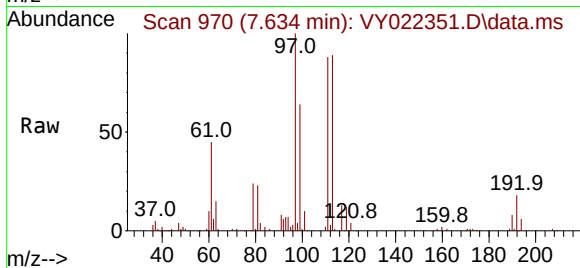




#35
Dibromofluoromethane
Concen: 51.299 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

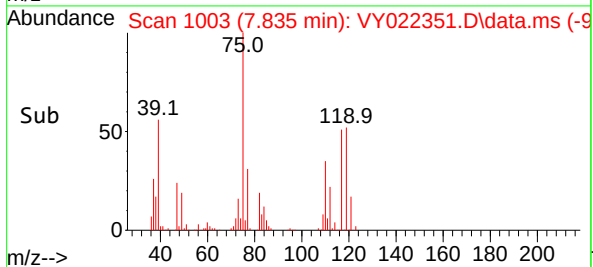
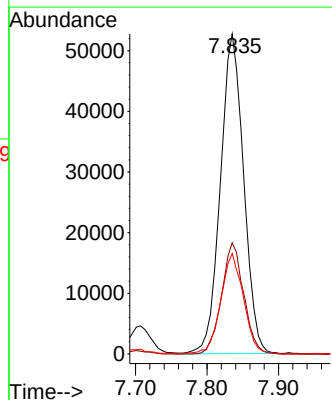
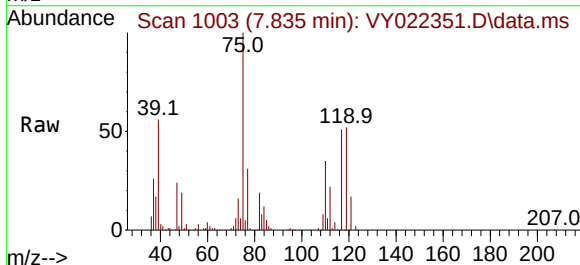
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MSD

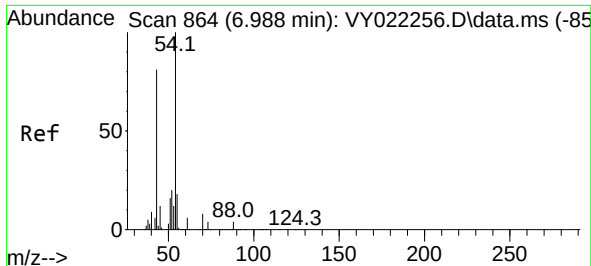
Tgt Ion:113 Resp: 67447
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 19.1 15.2 22.8



#36
1,1-Dichloropropene
Concen: 54.915 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion: 75 Resp: 118925
Ion Ratio Lower Upper
75 100
110 33.1 16.6 49.8
77 30.7 24.6 37.0





#37

Ethyl Acetate

Concen: 52.521 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

SS-11MSD

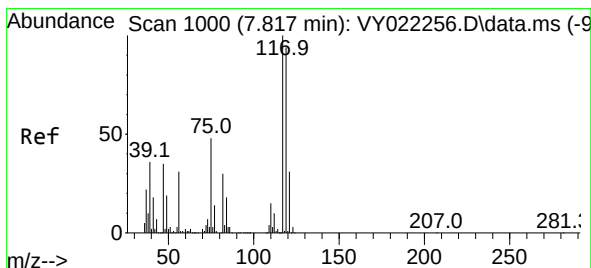
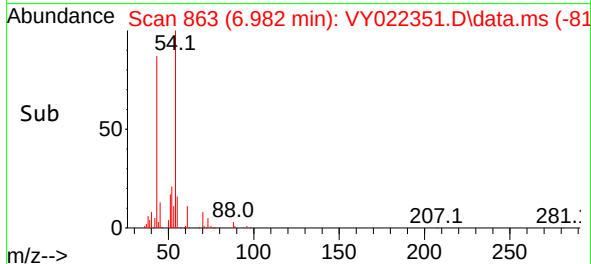
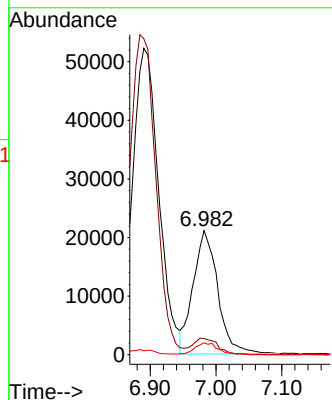
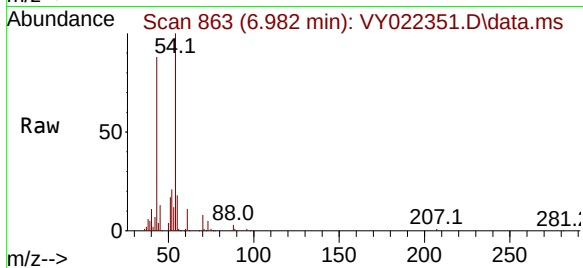
Tgt Ion: 43 Resp: 54726

Ion Ratio Lower Upper

43 100

61 13.8 10.2 15.2

70 9.1 7.6 11.4



#38

Carbon Tetrachloride

Concen: 53.878 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

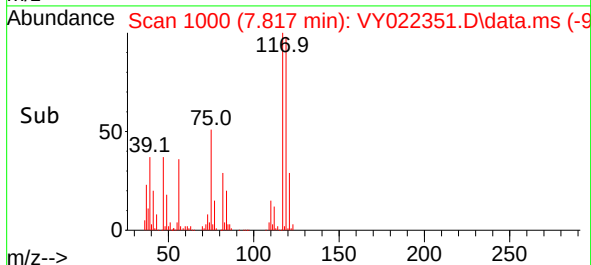
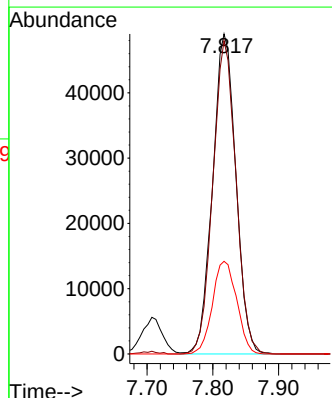
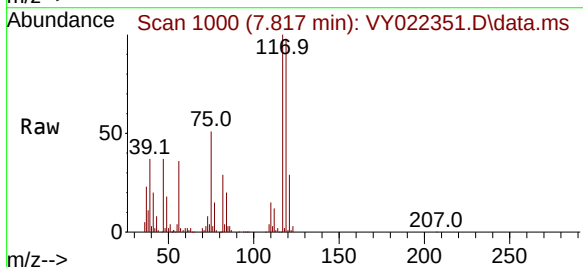
Tgt Ion: 117 Resp: 120777

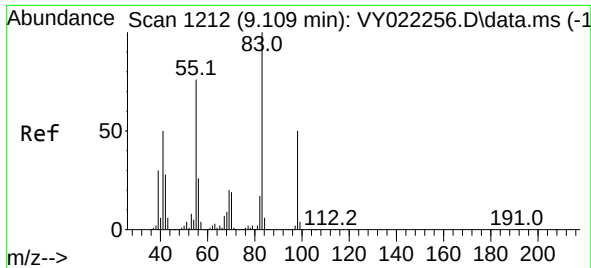
Ion Ratio Lower Upper

117 100

119 97.9 75.3 112.9

121 28.9 24.7 37.1

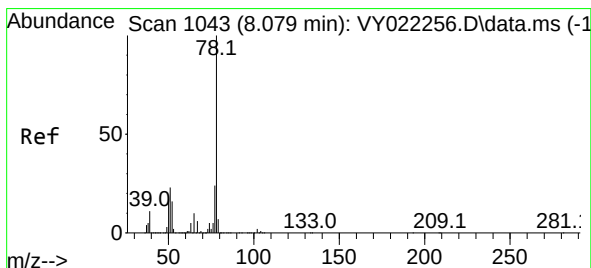
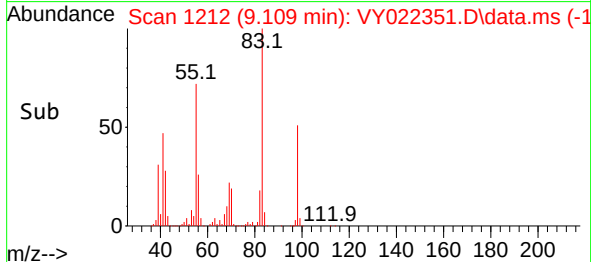
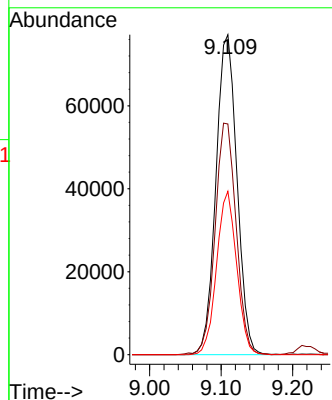
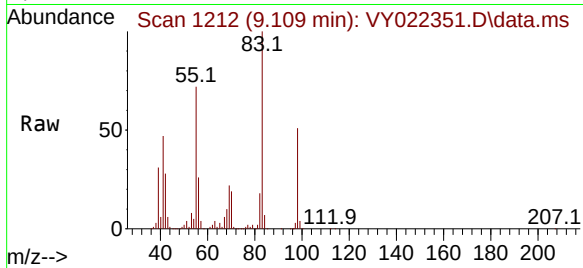




#39
Methylcyclohexane
Concen: 54.197 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

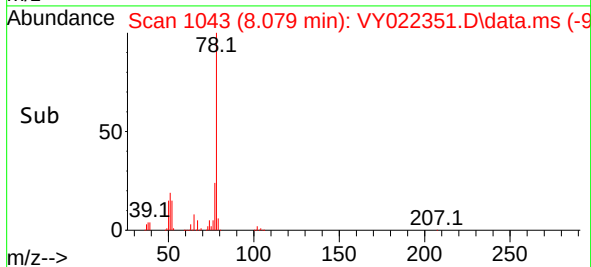
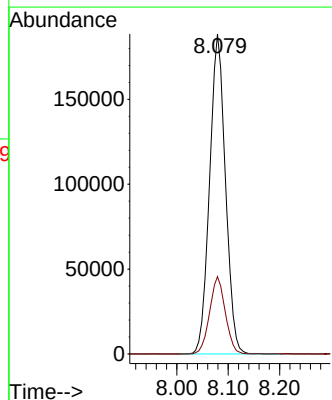
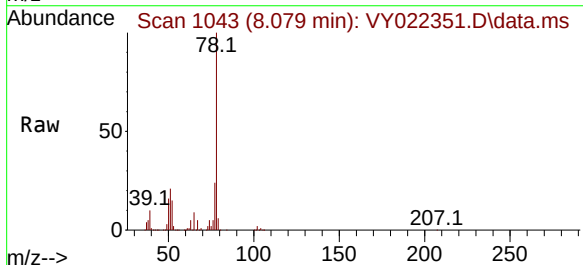
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MSD

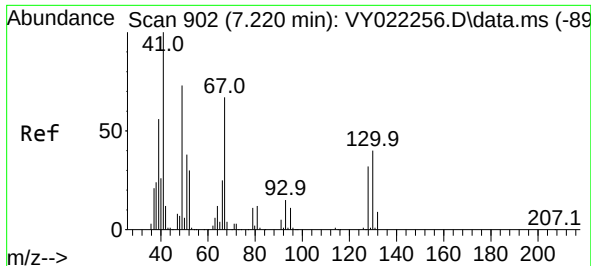
Tgt Ion: 83 Resp: 157684
Ion Ratio Lower Upper
83 100
55 72.0 60.6 90.8
98 51.1 40.0 60.0



#40
Benzene
Concen: 62.767 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion: 78 Resp: 402961
Ion Ratio Lower Upper
78 100
77 24.2 18.9 28.3

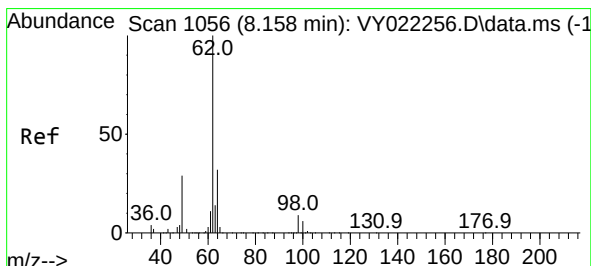
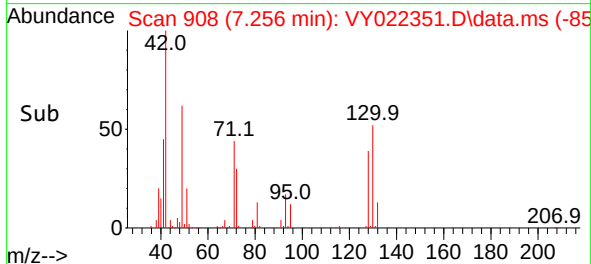
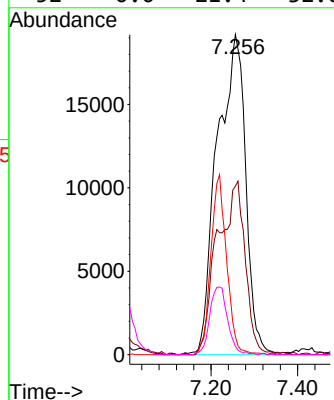
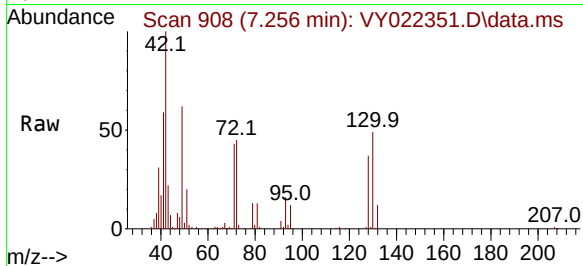




#41
Methacrylonitrile
Concen: 126.653 ug/l
RT: 7.256 min Scan# 90
Delta R.T. 0.037 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

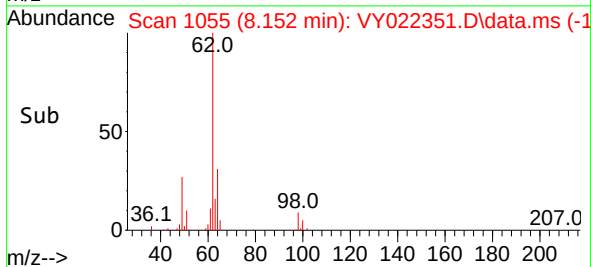
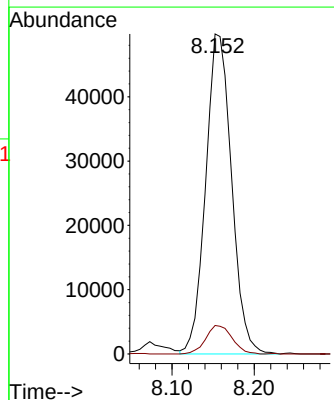
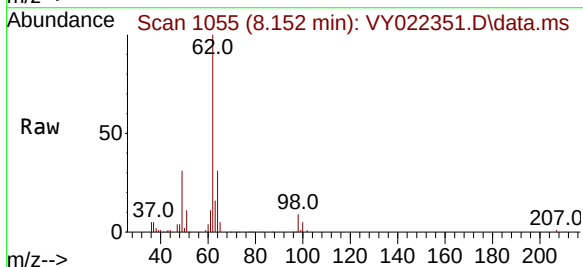
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MSD

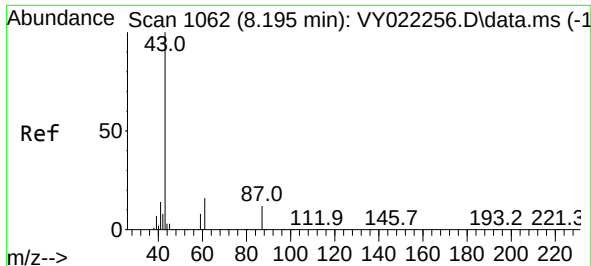
Tgt Ion: 41 Resp: 87541
Ion Ratio Lower Upper
41 100
39 52.7 39.1 58.7
67 0.0 47.1 70.7#
52 0.0 21.4 32.0#



#42
1,2-Dichloroethane
Concen: 62.721 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion: 62 Resp: 108892
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.4

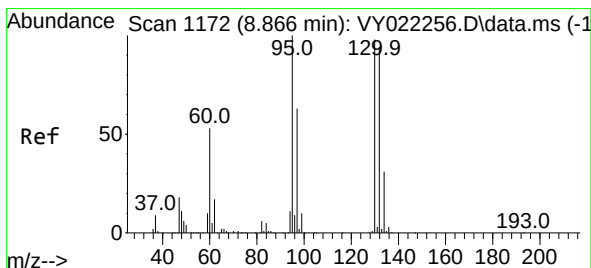
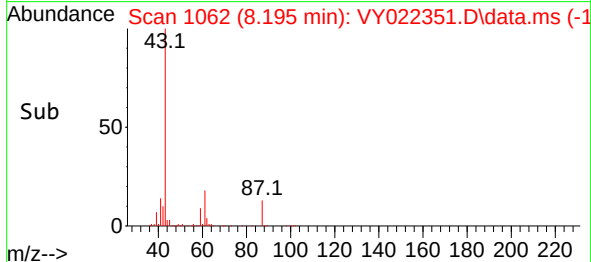
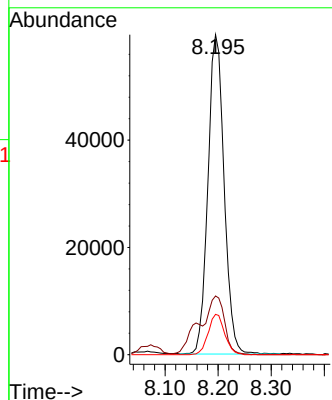
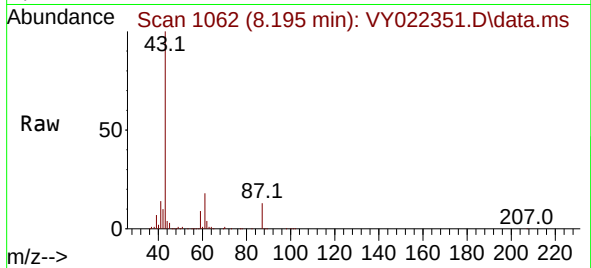




#43
Isopropyl Acetate
Concen: 55.601 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

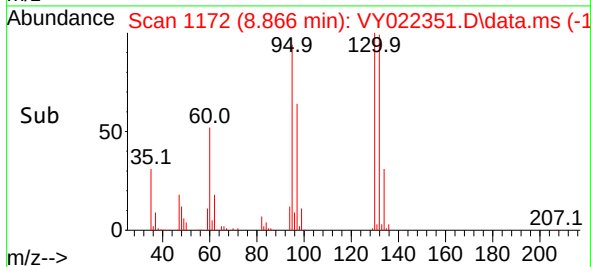
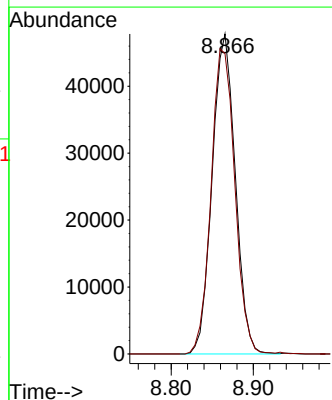
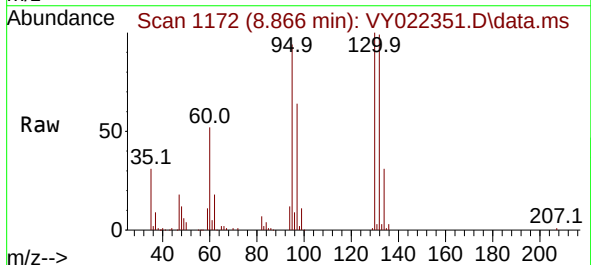
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MSD

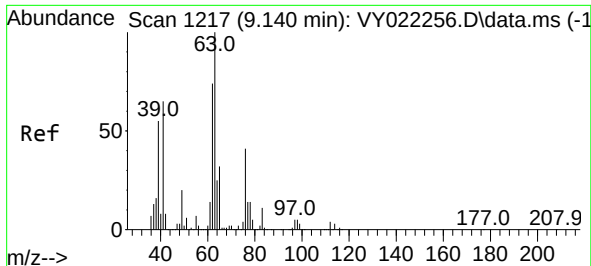
Tgt Ion: 43 Resp: 126350
Ion Ratio Lower Upper
43 100
61 19.0 15.1 22.7
87 12.8 9.7 14.5



#44
Trichloroethene
Concen: 58.482 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion:130 Resp: 93355
Ion Ratio Lower Upper
130 100
95 93.9 0.0 204.8





#45

1,2-Dichloropropane

Concen: 59.576 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

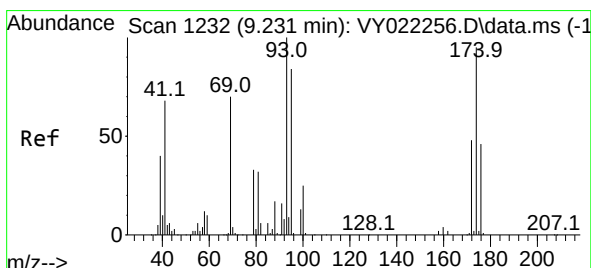
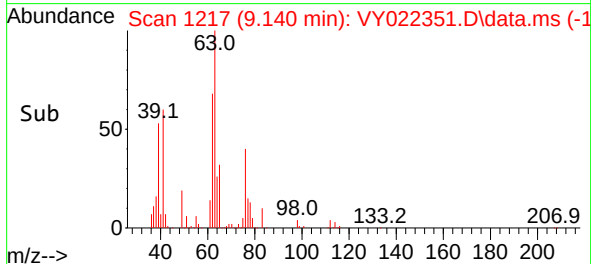
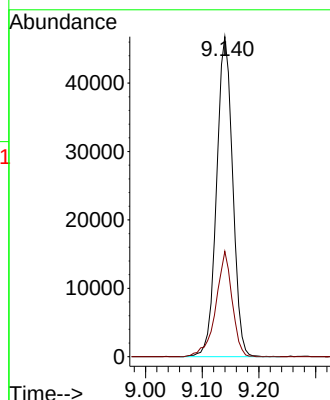
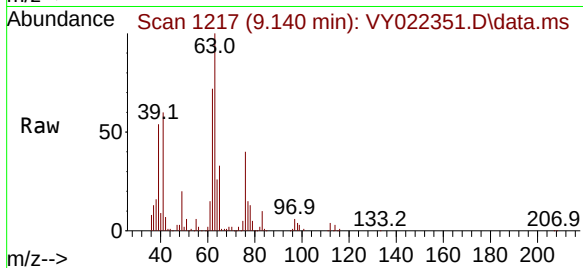
SS-11MSD

Tgt Ion: 63 Resp: 92211

Ion Ratio Lower Upper

63 100

65 32.9 25.7 38.5



#46

Dibromomethane

Concen: 64.149 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

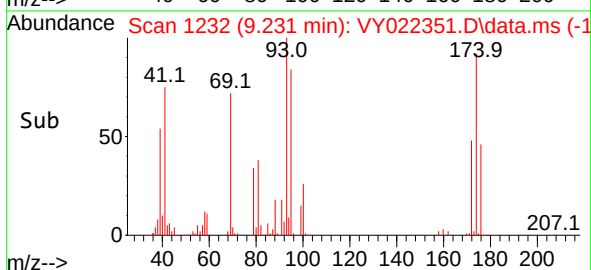
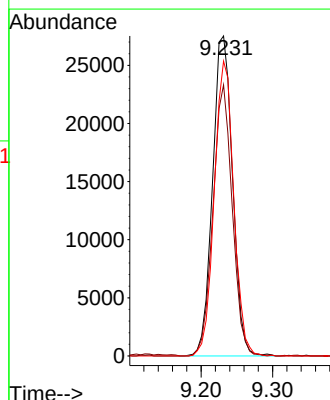
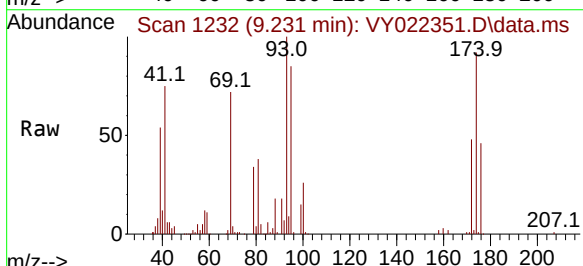
Tgt Ion: 93 Resp: 53553

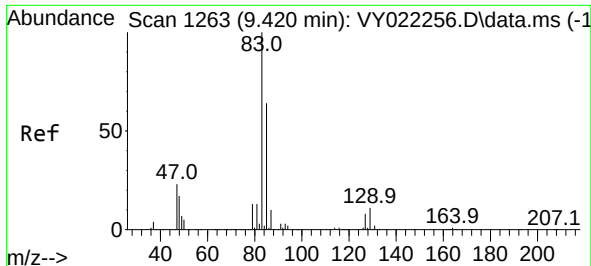
Ion Ratio Lower Upper

93 100

95 81.7 65.2 97.8

174 89.6 74.3 111.5

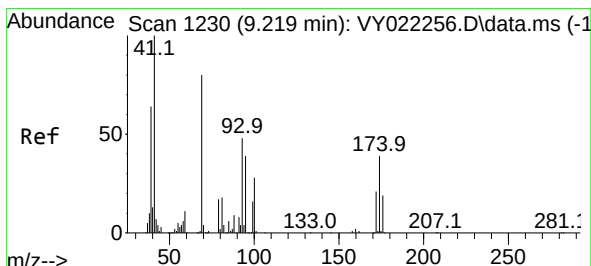
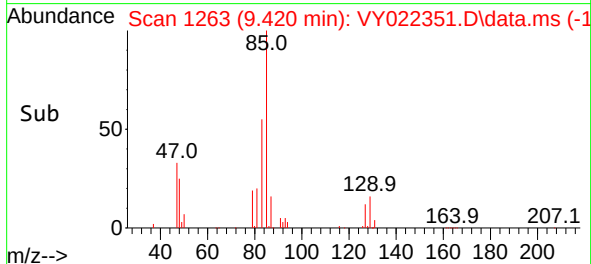
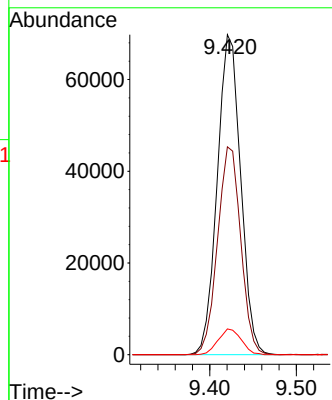
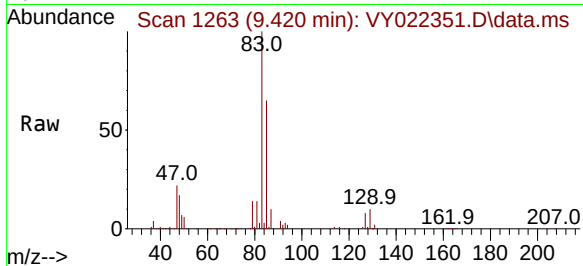




#47
Bromodichloromethane
Concen: 60.501 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

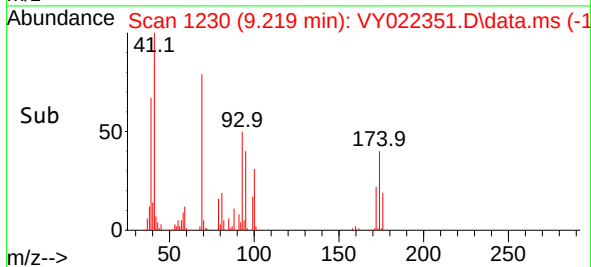
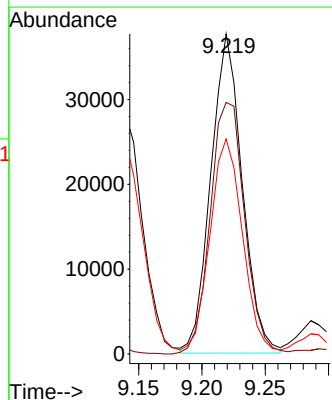
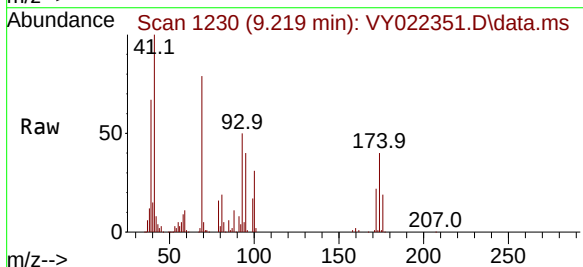
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MSD

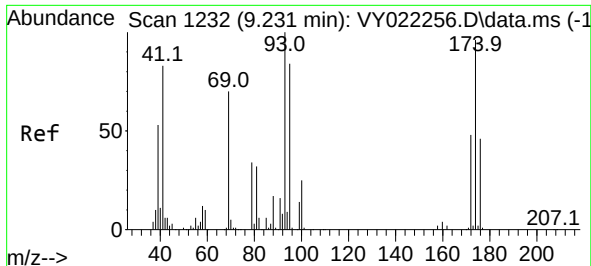
Tgt Ion: 83 Resp: 131028
Ion Ratio Lower Upper
83 100
85 65.0 51.1 76.7
127 8.0 6.6 10.0



#48
Methyl methacrylate
Concen: 61.301 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion: 41 Resp: 65146
Ion Ratio Lower Upper
41 100
69 86.3 63.5 95.3
39 67.3 50.8 76.2





#49

1,4-Dioxane

Concen: 1306.545 ug/l

RT: 9.225 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

SS-11MSD

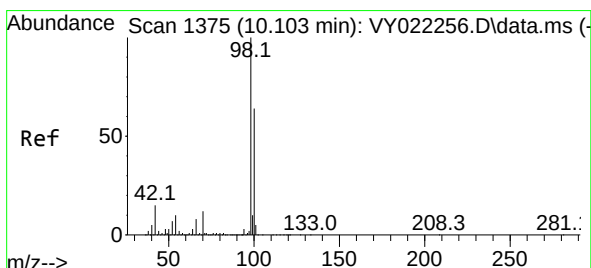
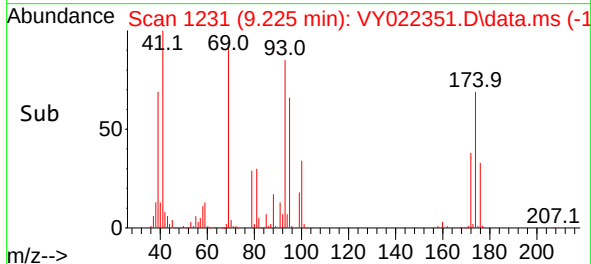
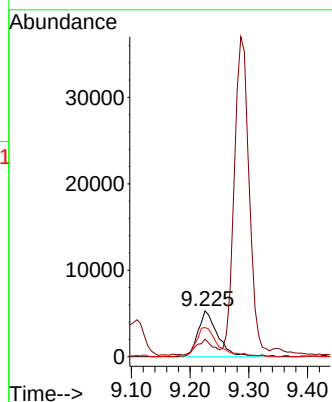
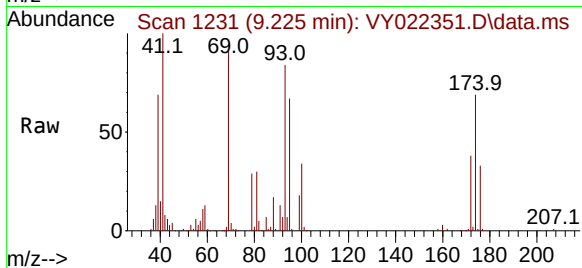
Tgt Ion: 88 Resp: 12322

Ion Ratio Lower Upper

88 100

43 28.4 28.5 42.7#

58 71.4 61.4 92.2



#50

Toluene-d8

Concen: 45.135 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022351.D

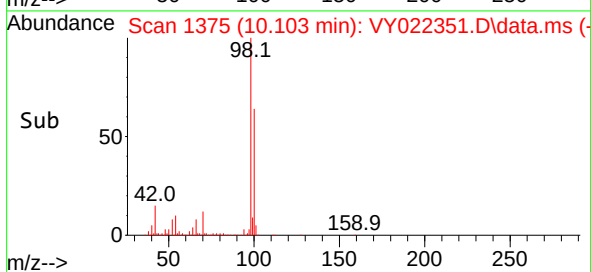
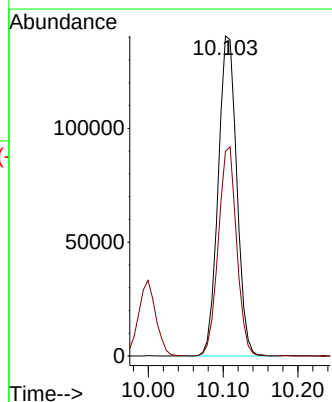
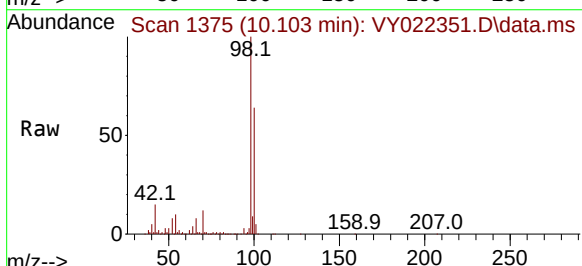
Acq: 20 May 2025 18:26

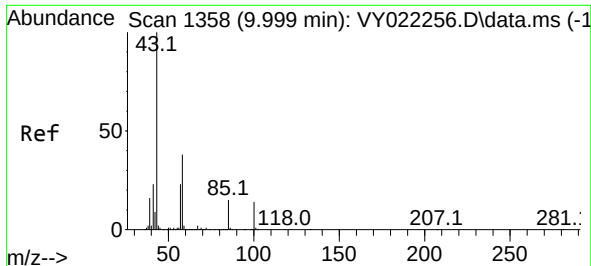
Tgt Ion: 98 Resp: 243044

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.8

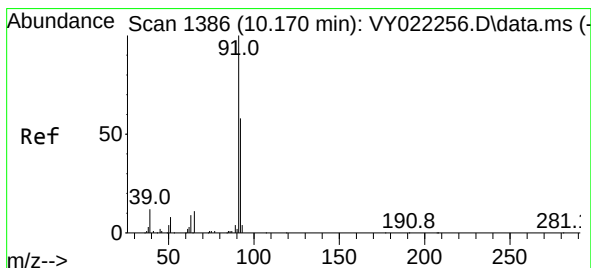
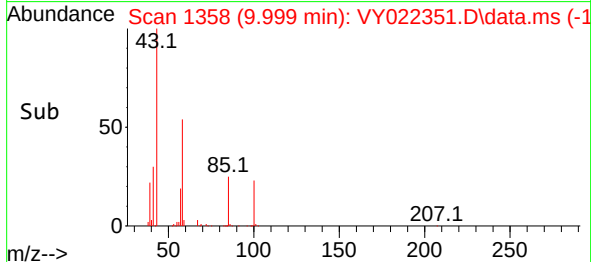
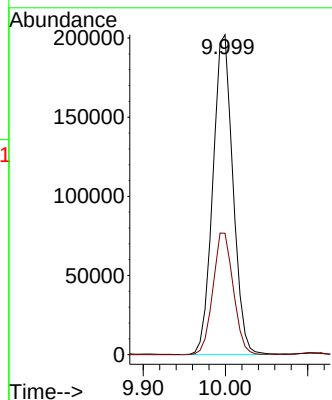
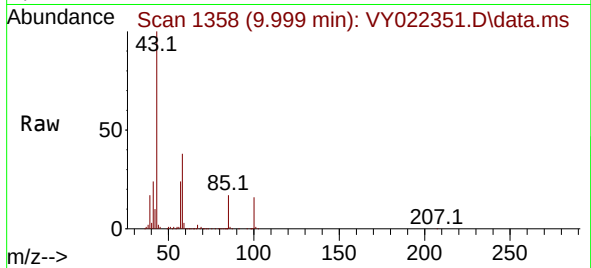




#51
4-Methyl-2-Pentanone
Concen: 307.999 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

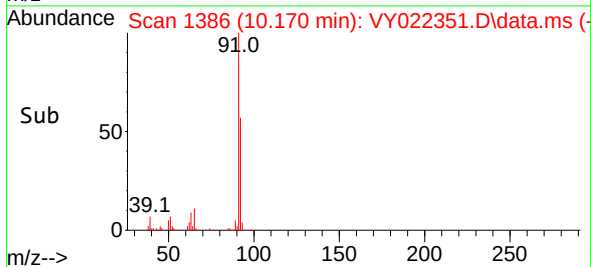
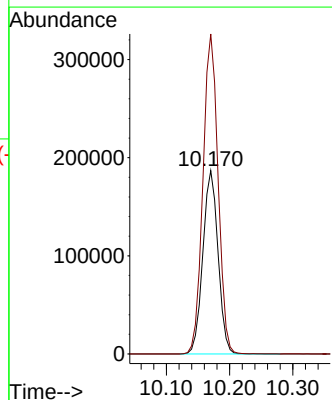
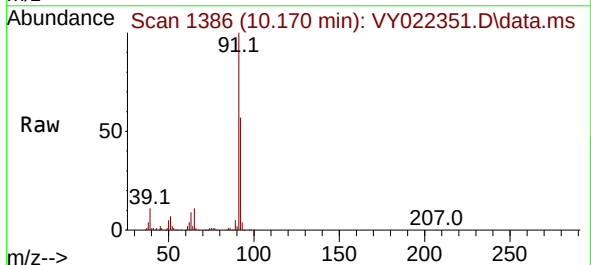
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MSD

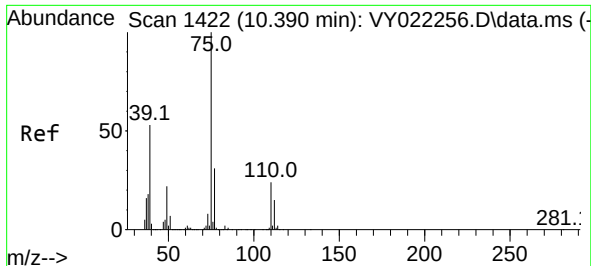
Tgt Ion: 43 Resp: 343426
Ion Ratio Lower Upper
43 100
58 38.7 29.4 44.2



#52
Toluene
Concen: 76.740 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion: 92 Resp: 311976
Ion Ratio Lower Upper
92 100
91 174.4 139.1 208.7

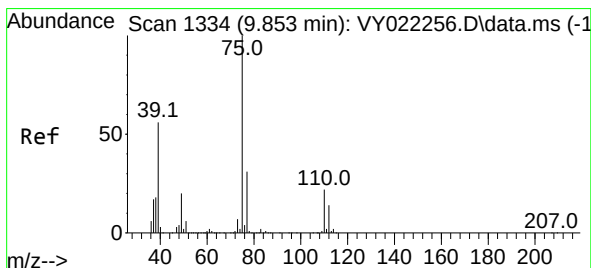
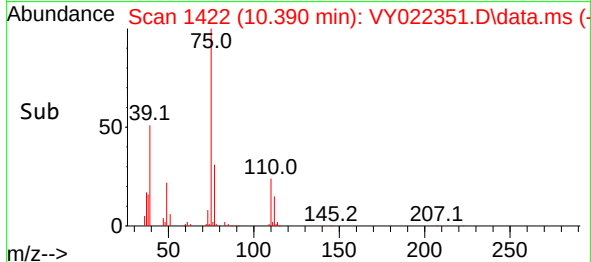
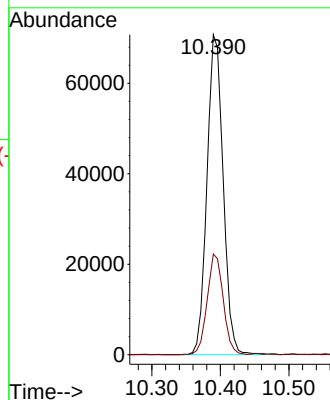
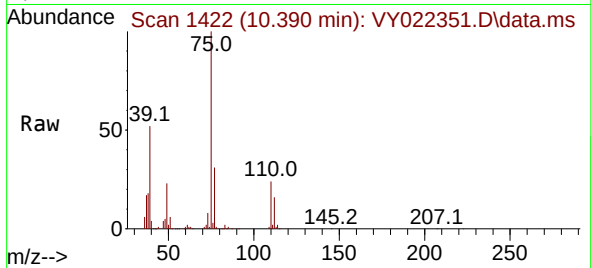




#53
t-1,3-Dichloropropene
Concen: 55.135 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

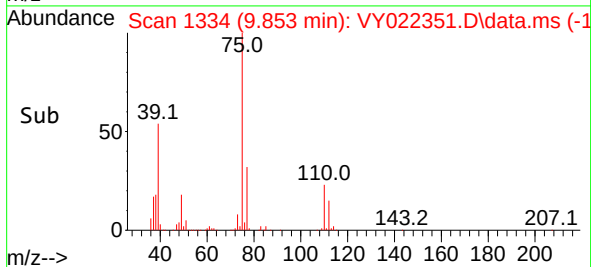
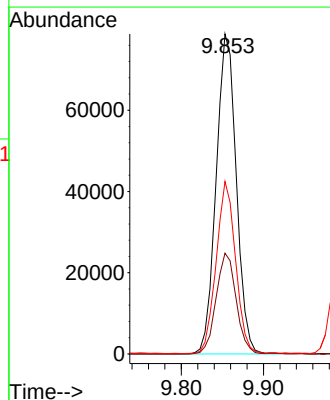
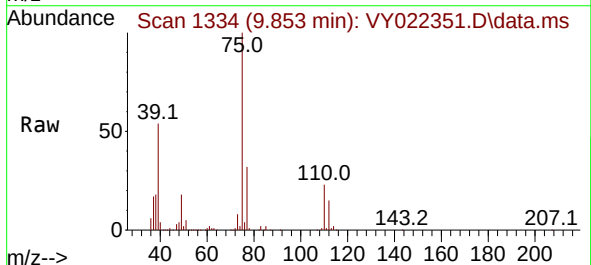
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MSD

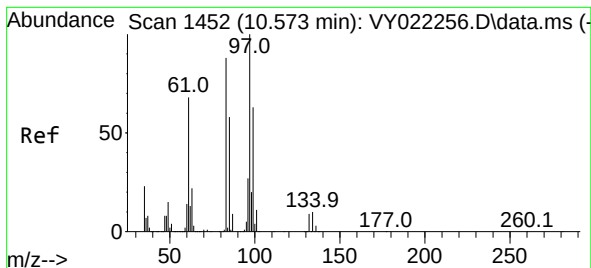
Tgt Ion: 75 Resp: 116532
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 55.258 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion: 75 Resp: 133810
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7
39 53.8 44.5 66.7

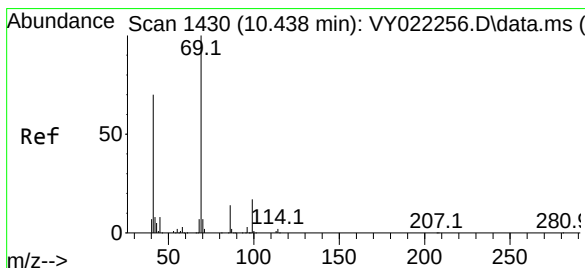
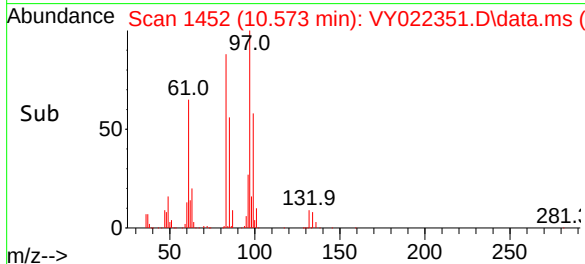
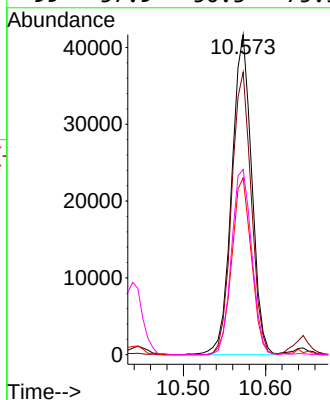
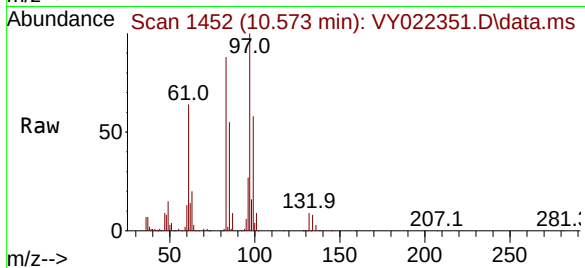




#55
 1,1,2-Trichloroethane
 Concen: 65.859 ug/l
 RT: 10.573 min Scan# 1452
 Delta R.T. -0.000 min
 Lab File: VY022351.D
 Acq: 20 May 2025 18:26

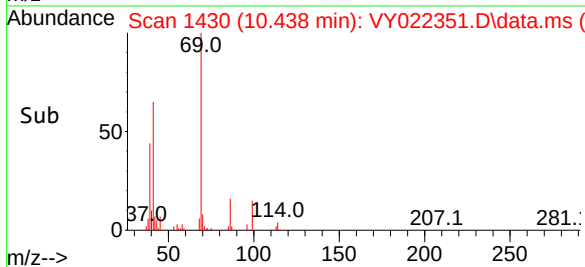
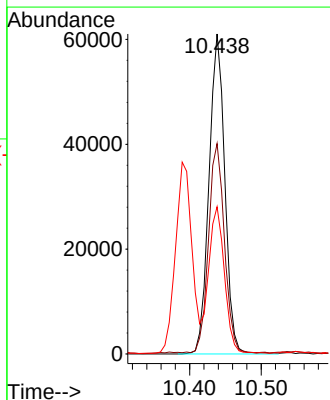
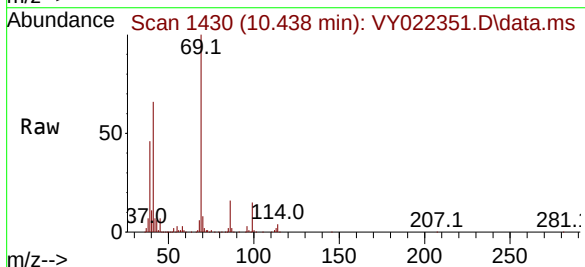
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-11MSD

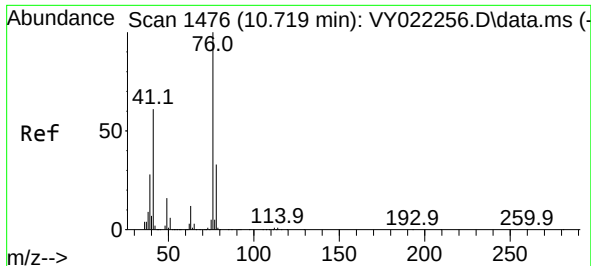
Tgt Ion:	97	Resp:	70404
Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.3	105.5
85	55.3	46.2	69.4
99	57.9	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 56.302 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. -0.000 min
 Lab File: VY022351.D
 Acq: 20 May 2025 18:26

Tgt Ion:	69	Resp:	93754
Ion	Ratio	Lower	Upper
69	100		
41	65.8	56.5	84.7
39	45.7	37.1	55.7





#57

1,3-Dichloropropane

Concen: 63.793 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

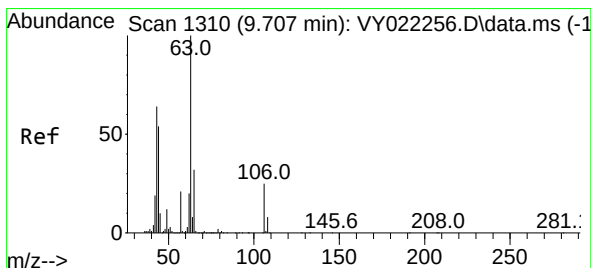
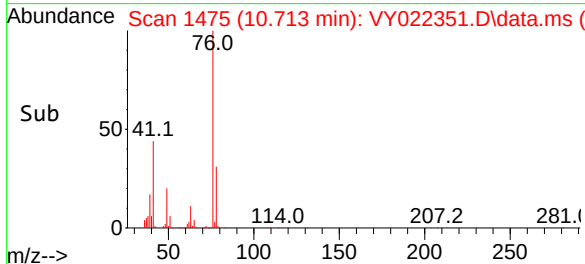
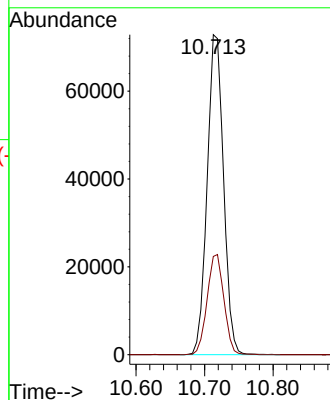
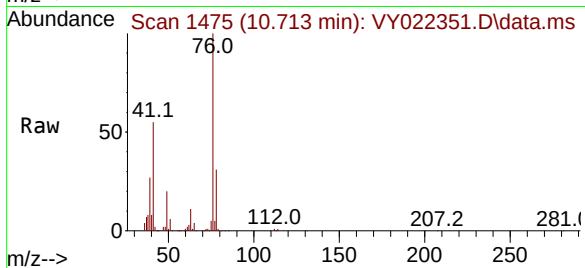
SS-11MSD

Tgt Ion: 76 Resp: 121167

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 324.368 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY022351.D

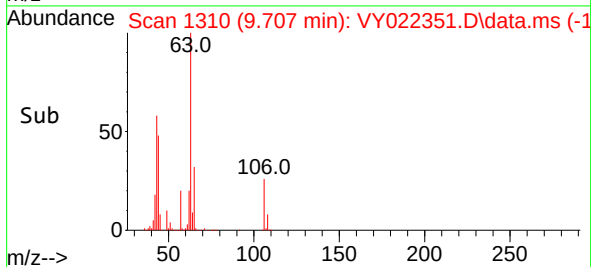
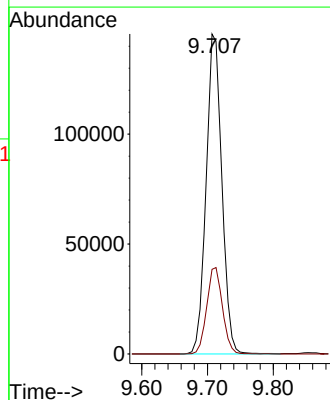
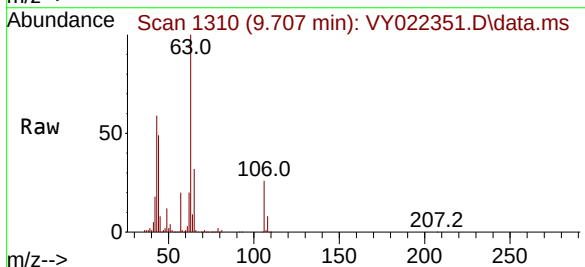
Acq: 20 May 2025 18:26

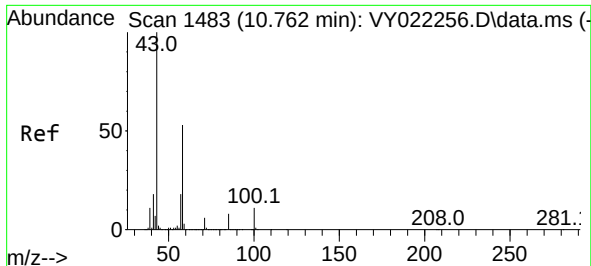
Tgt Ion: 63 Resp: 242440

Ion Ratio Lower Upper

63 100

106 27.0 21.0 31.4

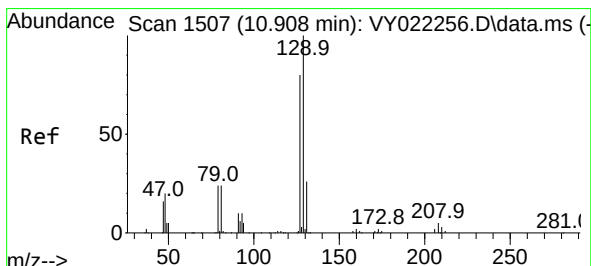
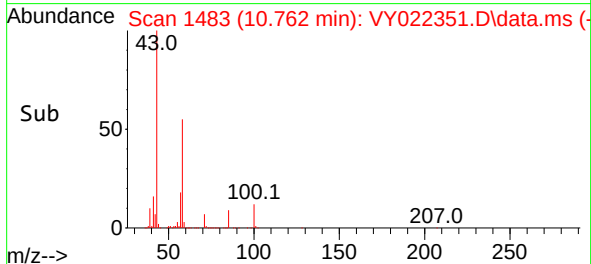
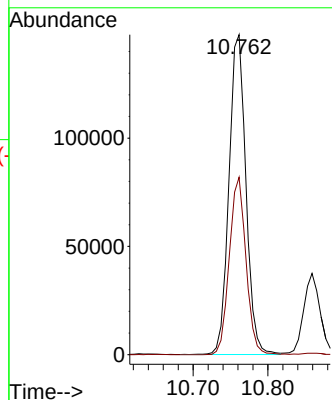
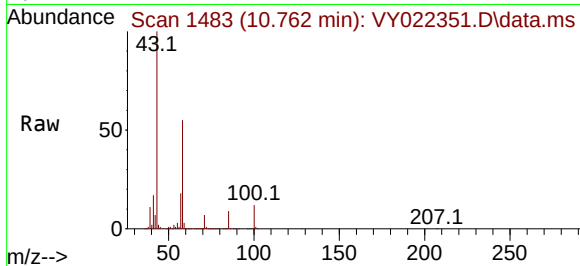




#59
2-Hexanone
Concen: 312.547 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

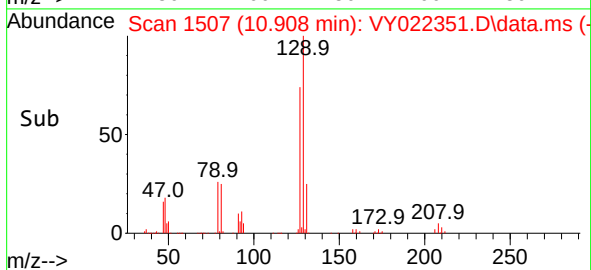
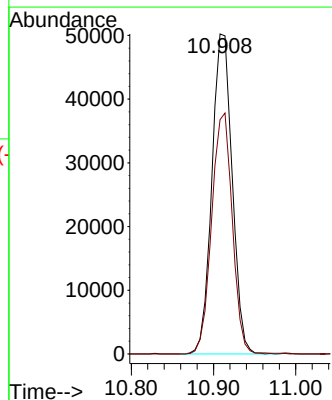
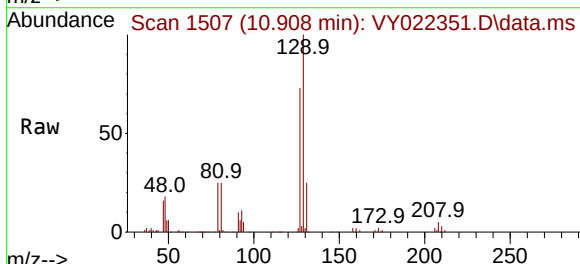
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MSD

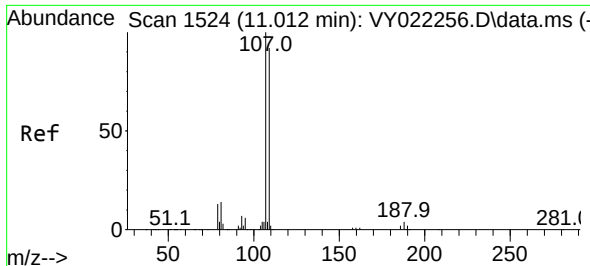
Tgt Ion: 43 Resp: 233661
Ion Ratio Lower Upper
43 100
58 54.6 26.1 78.3



#60
Dibromochloromethane
Concen: 62.093 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion: 129 Resp: 86156
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.7

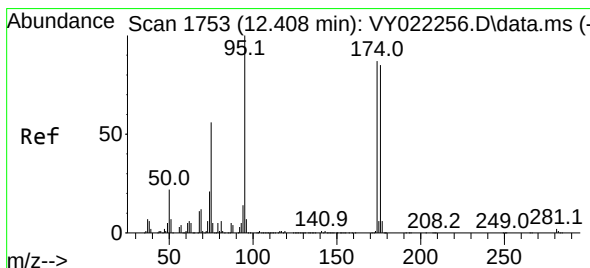
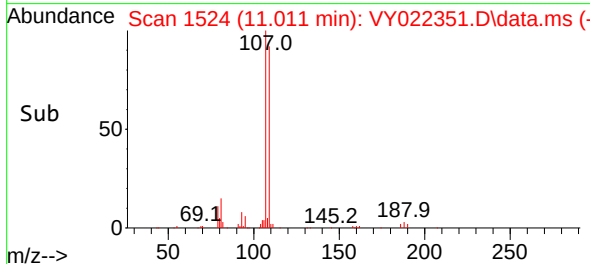
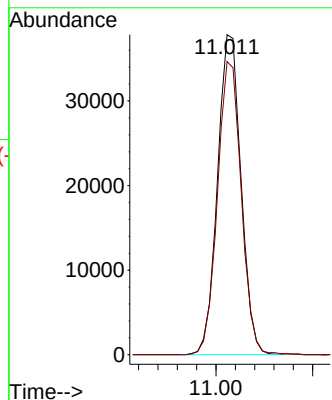
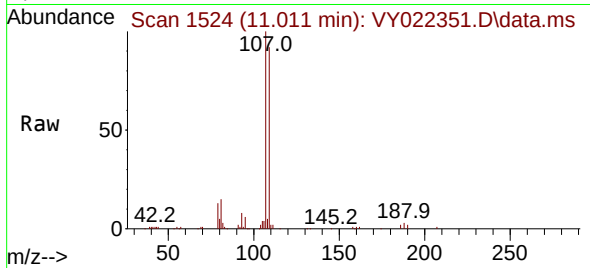




#61
1,2-Dibromoethane
Concen: 63.913 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

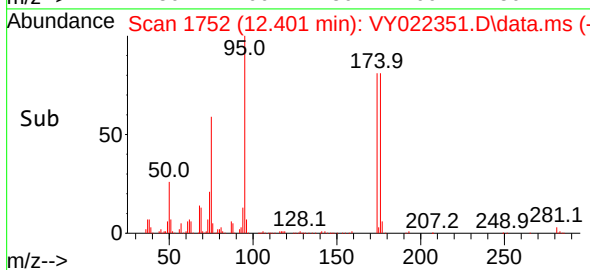
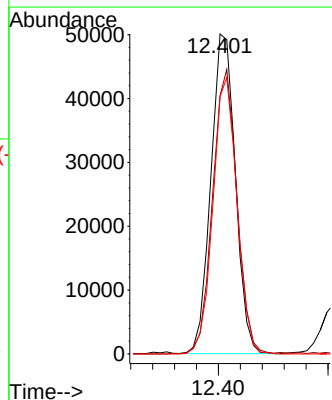
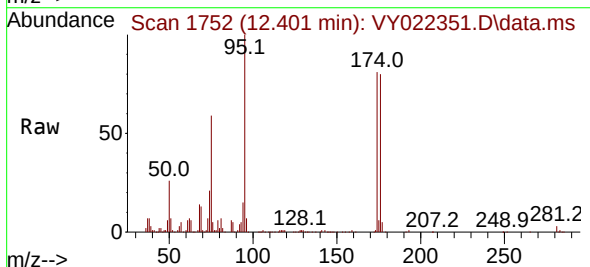
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MSD

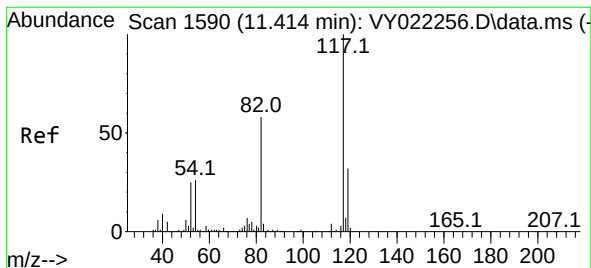
Tgt Ion:107 Resp: 63680
Ion Ratio Lower Upper
107 100
109 93.0 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 45.444 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion: 95 Resp: 77563
Ion Ratio Lower Upper
95 100
174 88.7 0.0 166.8
176 84.9 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

SS-11MSD

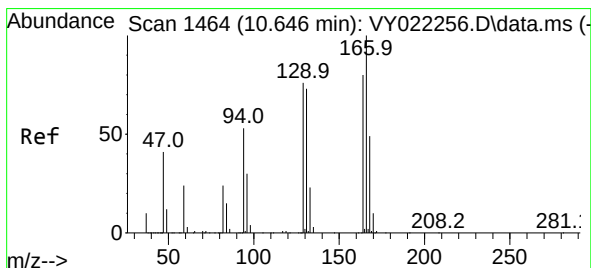
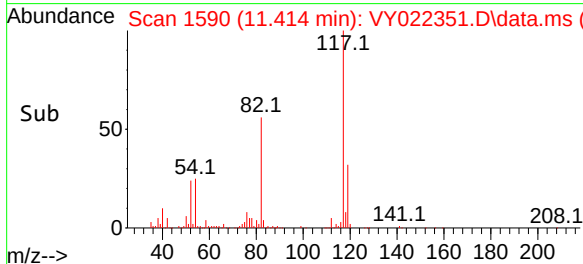
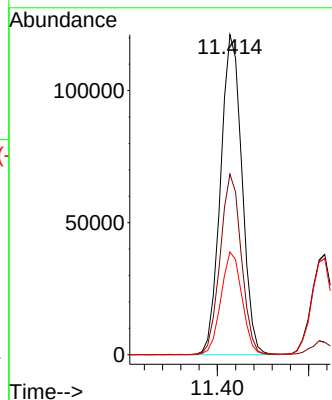
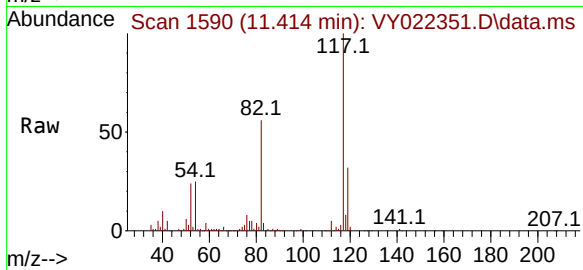
Tgt Ion:117 Resp: 197296

Ion Ratio Lower Upper

117 100

82 56.3 46.6 70.0

119 32.1 25.8 38.6



#64

Tetrachloroethene

Concen: 60.588 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

Tgt Ion:164 Resp: 110490

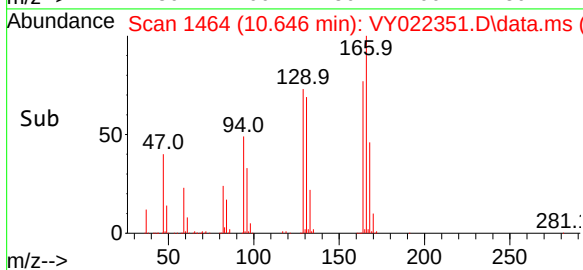
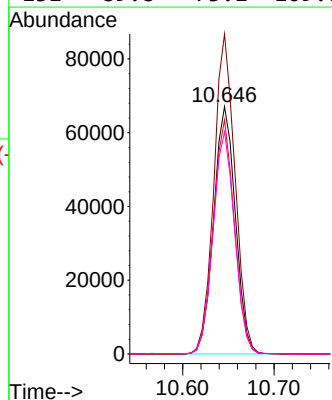
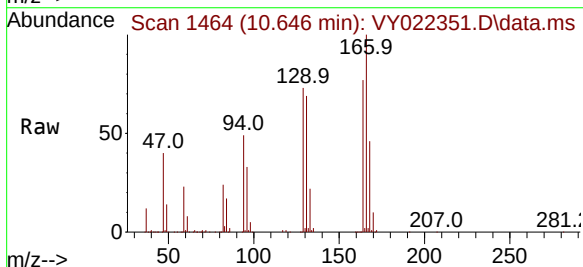
Ion Ratio Lower Upper

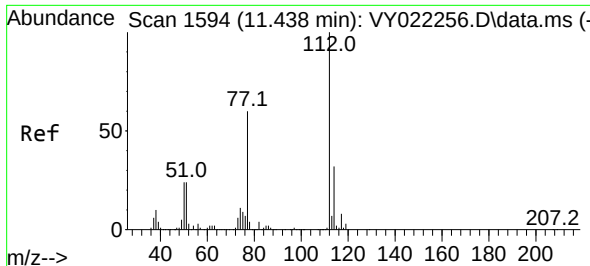
164 100

166 129.4 100.4 150.6

129 94.7 76.4 114.6

131 89.8 73.1 109.7

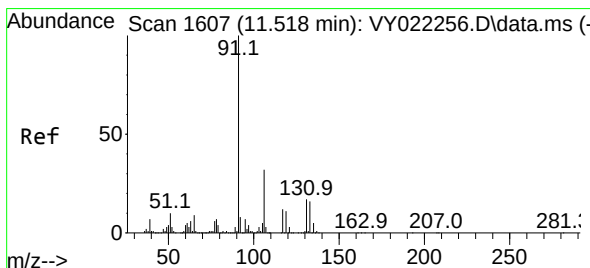
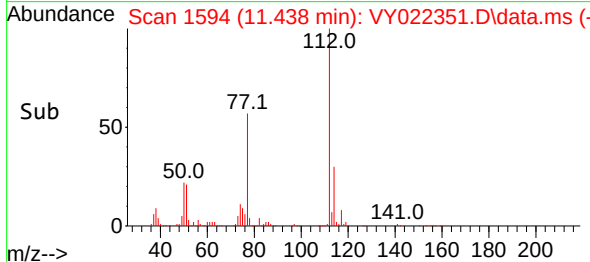
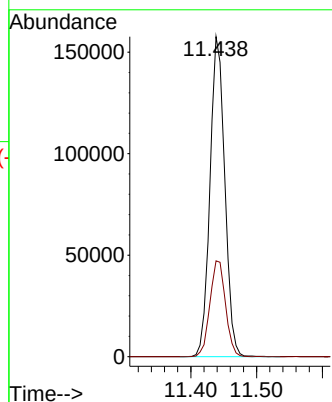
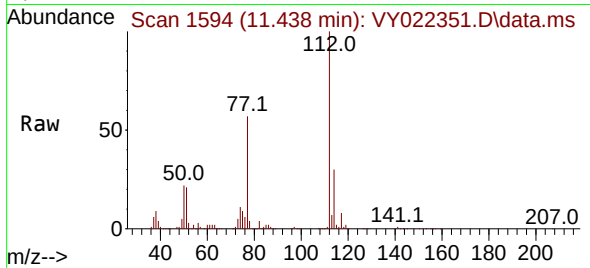




#65
Chlorobenzene
Concen: 55.496 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

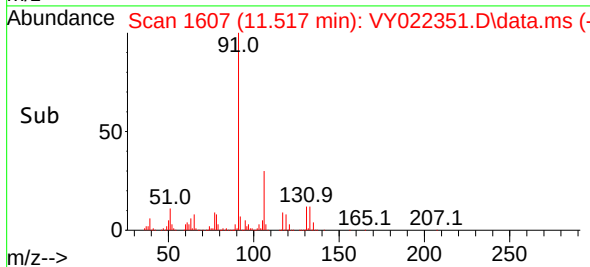
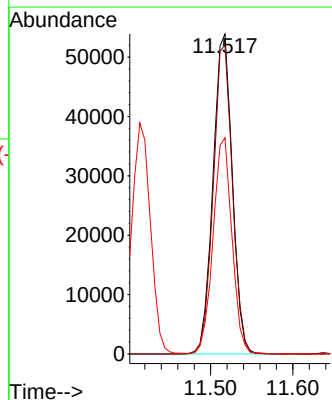
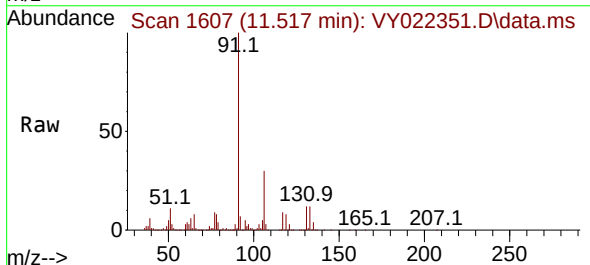
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MSD

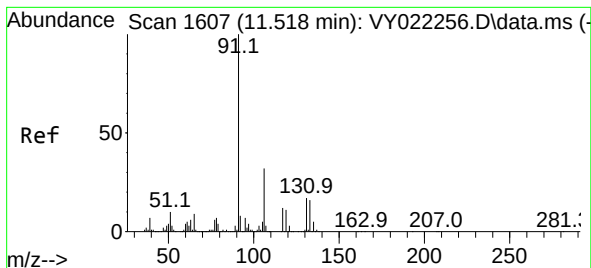
Tgt Ion:112 Resp: 247023
Ion Ratio Lower Upper
112 100
114 29.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 57.426 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion:131 Resp: 87876
Ion Ratio Lower Upper
131 100
133 96.0 47.3 141.9
119 66.2 33.1 99.2

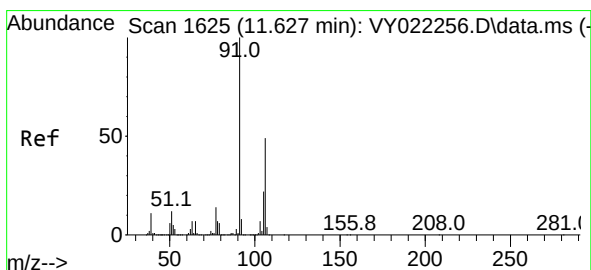
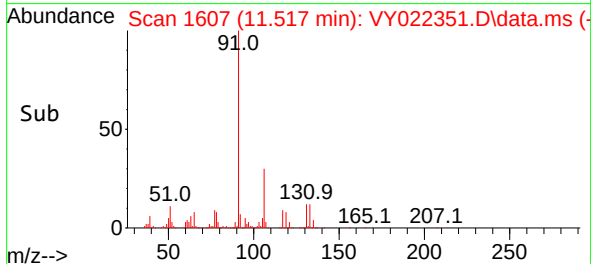
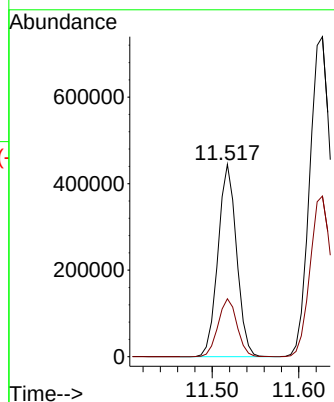
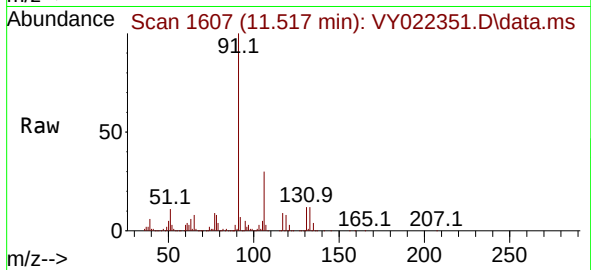




#67
Ethyl Benzene
Concen: 79.472 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

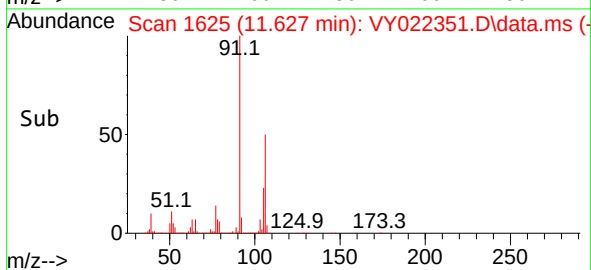
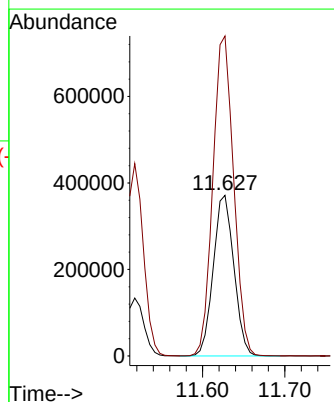
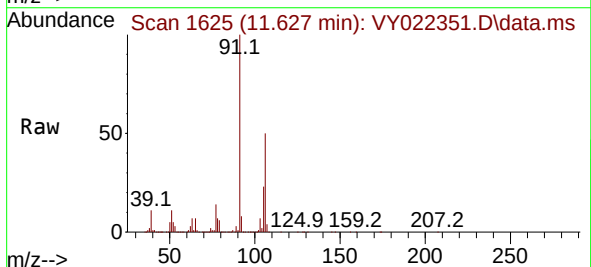
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MSD

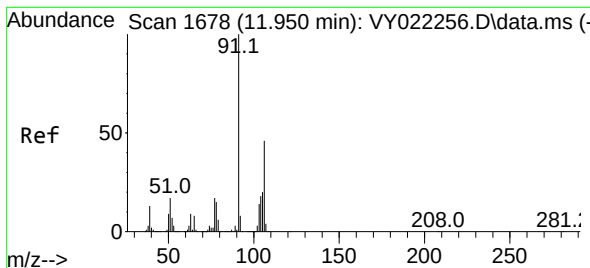
Tgt Ion: 91 Resp: 662491
Ion Ratio Lower Upper
91 100
106 30.1 25.4 38.0



#68
m/p-Xylenes
Concen: 205.811 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion:106 Resp: 646496
Ion Ratio Lower Upper
106 100
91 200.8 163.0 244.4

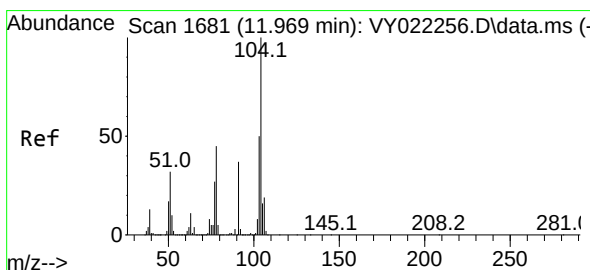
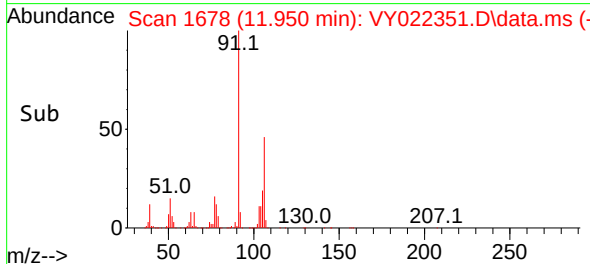
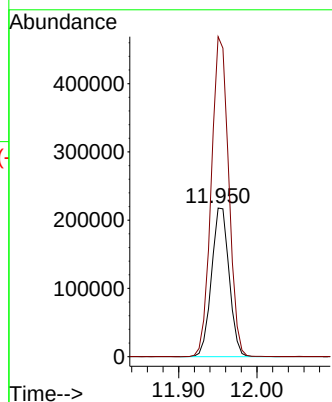
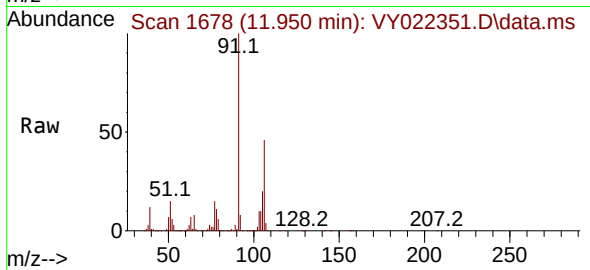




#69
o-Xylene
Concen: 114.296 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

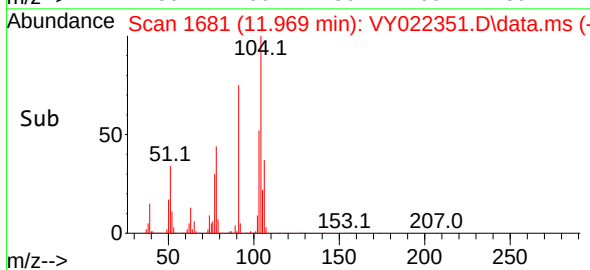
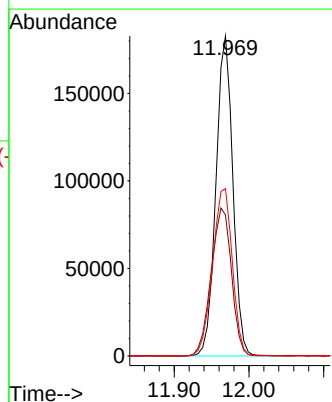
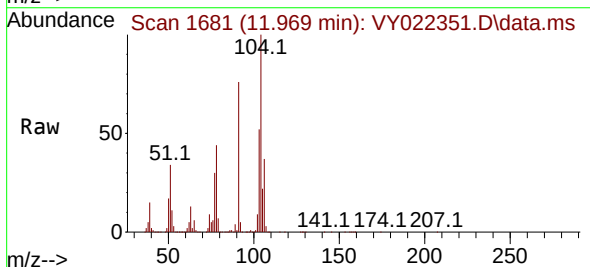
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MSD

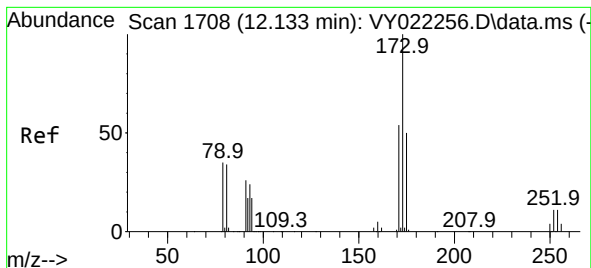
Tgt Ion:106 Resp: 339682
Ion Ratio Lower Upper
106 100
91 213.2 108.3 324.8



#70
Styrene
Concen: 57.189 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion:104 Resp: 286703
Ion Ratio Lower Upper
104 100
78 55.8 40.9 61.3
103 61.3 43.7 65.5





#71

Bromoform

Concen: 57.783 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

SS-11MSD

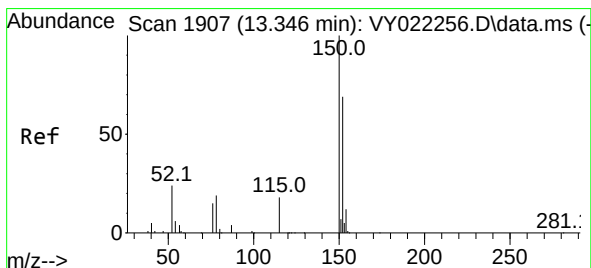
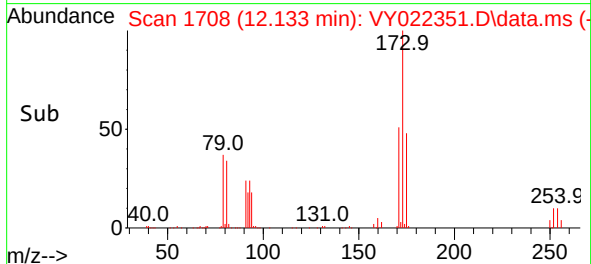
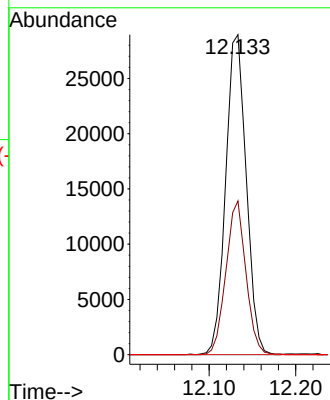
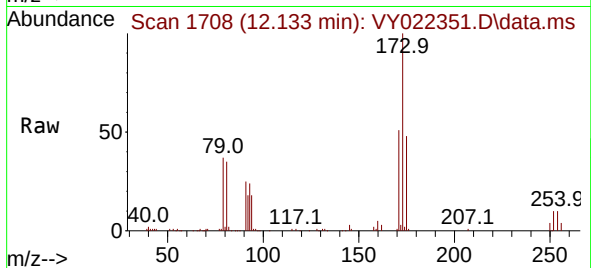
Tgt Ion:173 Resp: 47726

Ion Ratio Lower Upper

173 100

175 46.7 24.7 74.1

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

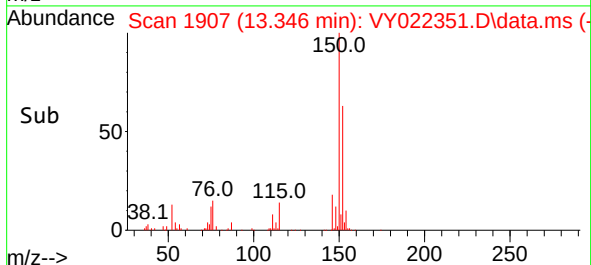
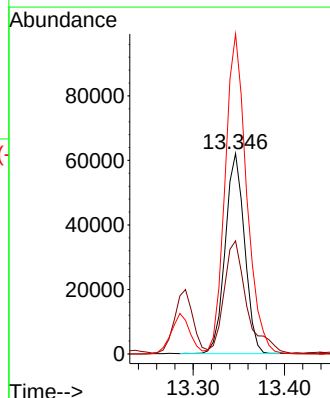
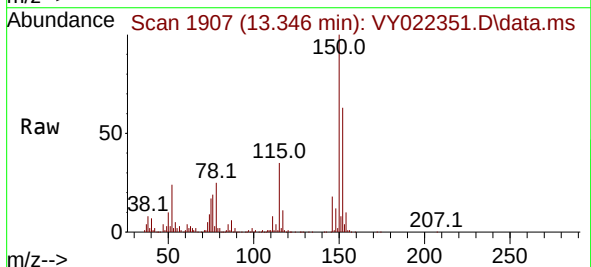
Tgt Ion:152 Resp: 91227

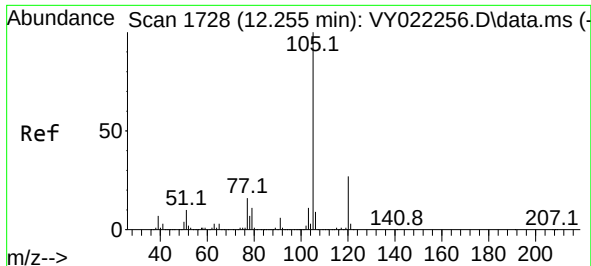
Ion Ratio Lower Upper

152 100

115 65.9 29.4 88.2

150 177.9 0.0 353.8

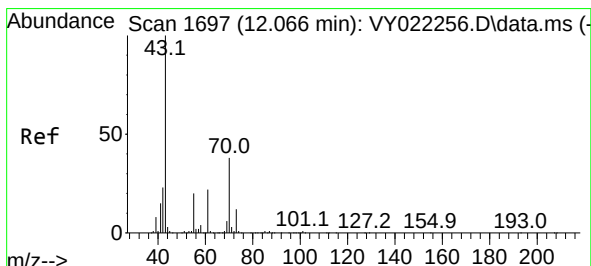
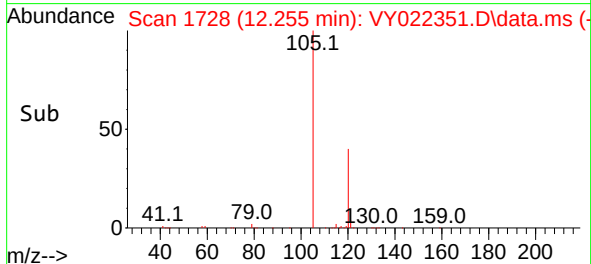
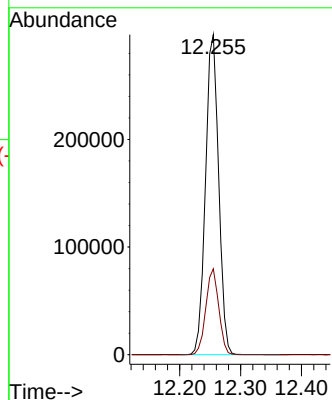
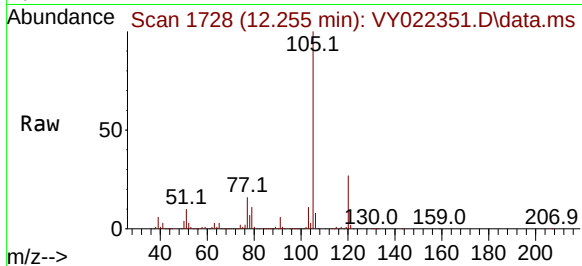




#73
Isopropylbenzene
Concen: 58.961 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

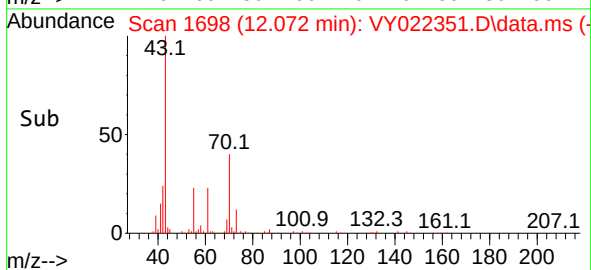
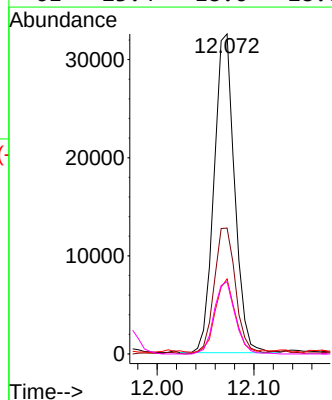
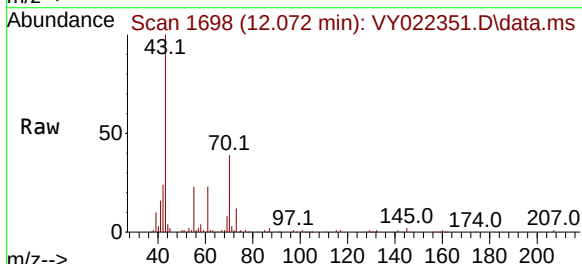
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MSD

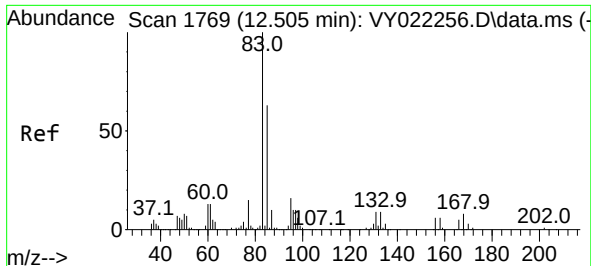
Tgt Ion:105 Resp: 445609
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6



#74
N-ethyl acetate
Concen: 22.212 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion: 43 Resp: 48012
Ion Ratio Lower Upper
43 100
70 41.4 31.4 47.0
55 22.3 17.0 25.6
61 23.4 18.6 28.0

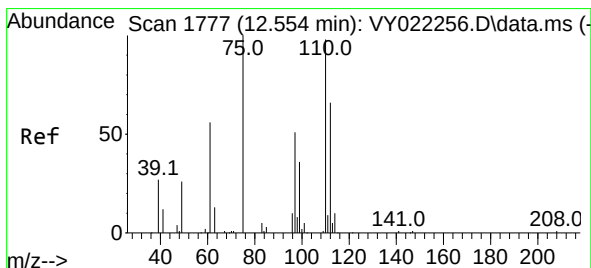
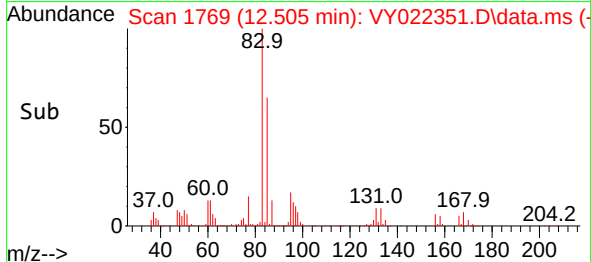
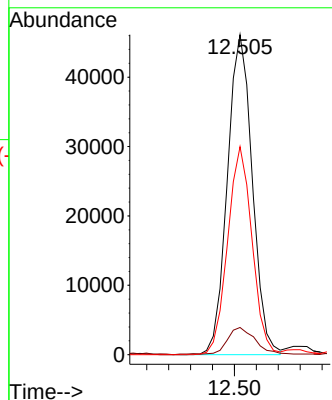
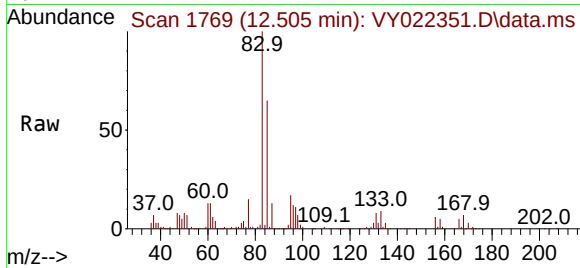




#75
 1,1,2,2-Tetrachloroethane
 Concen: 62.659 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022351.D
 Acq: 20 May 2025 18:26

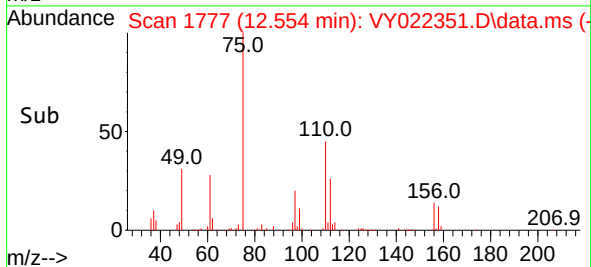
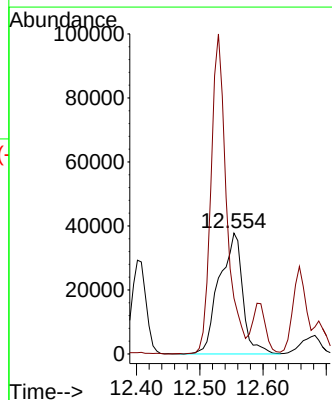
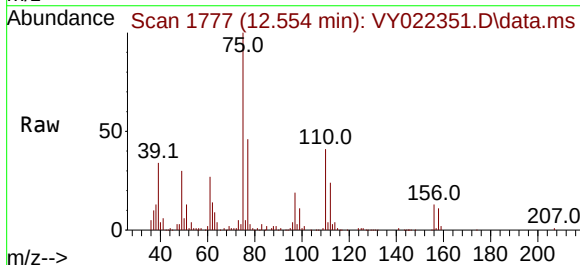
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-11MSD

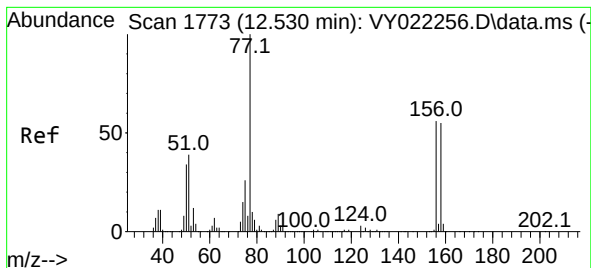
Tgt Ion: 83 Resp: 72829
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.9 14.7
 85 63.6 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 105.491 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022351.D
 Acq: 20 May 2025 18:26

Tgt Ion: 75 Resp: 97497
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 57.504 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

SS-11MSD

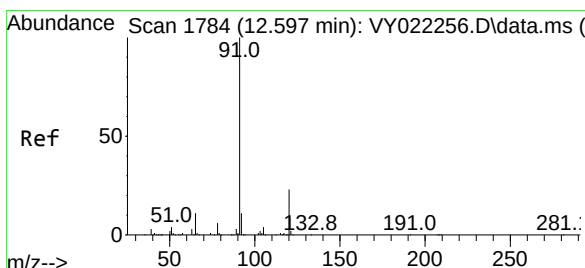
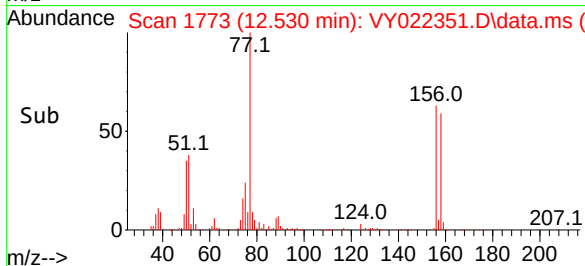
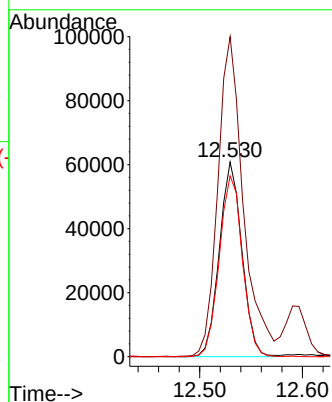
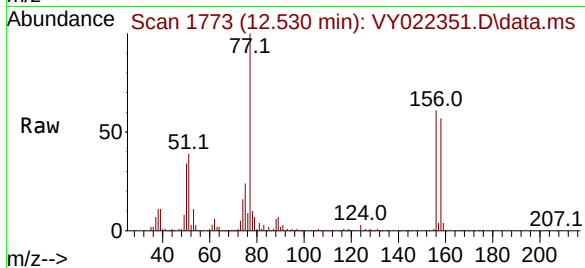
Tgt Ion:156 Resp: 92821

Ion Ratio Lower Upper

156 100

77 185.1 94.5 283.6

158 94.9 48.4 145.3



#78

n-propylbenzene

Concen: 63.472 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022351.D

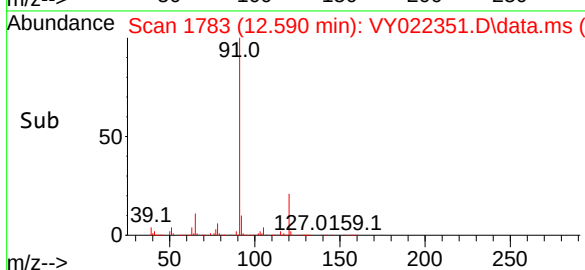
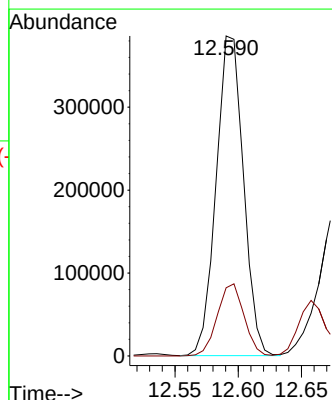
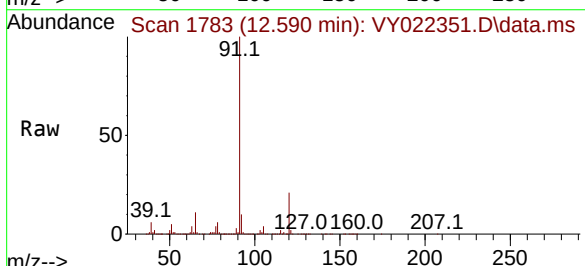
Acq: 20 May 2025 18:26

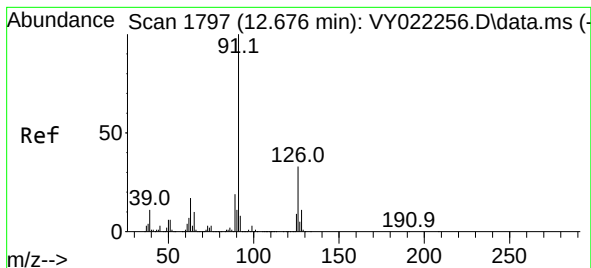
Tgt Ion: 91 Resp: 578609

Ion Ratio Lower Upper

91 100

120 22.1 11.1 33.3

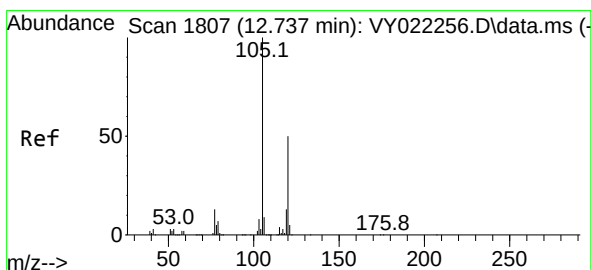
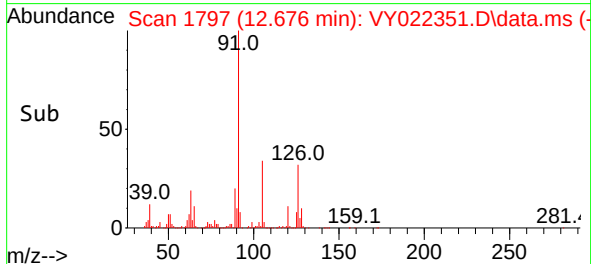
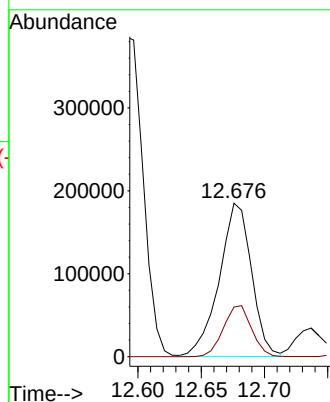
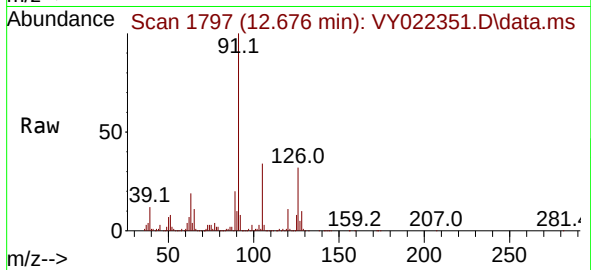




#79
2-Chlorotoluene
Concen: 65.517 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

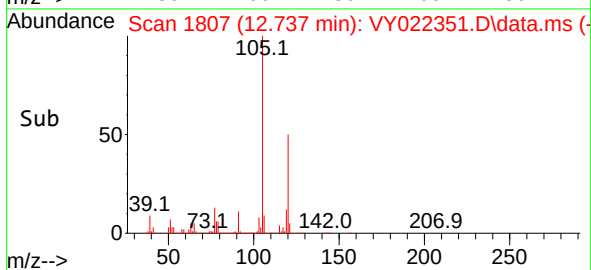
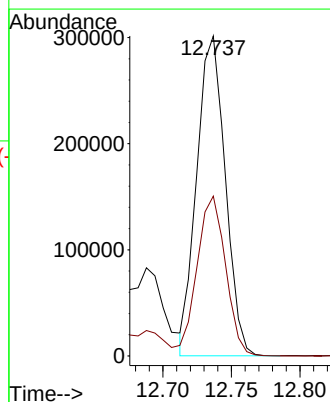
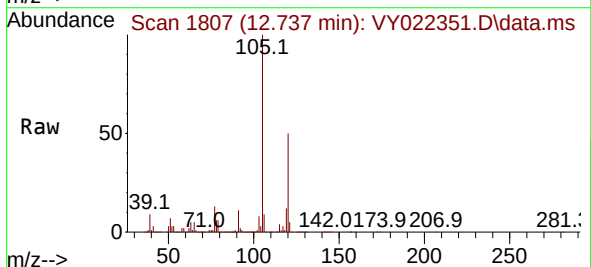
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MSD

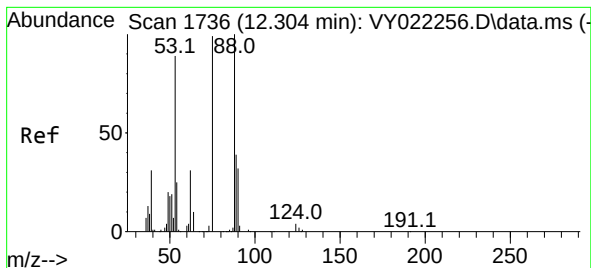
Tgt Ion: 91 Resp: 328215
Ion Ratio Lower Upper
91 100
126 29.2 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 71.419 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion: 105 Resp: 435716
Ion Ratio Lower Upper
105 100
120 50.4 24.2 72.6

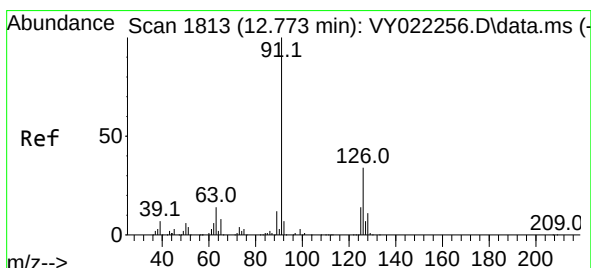
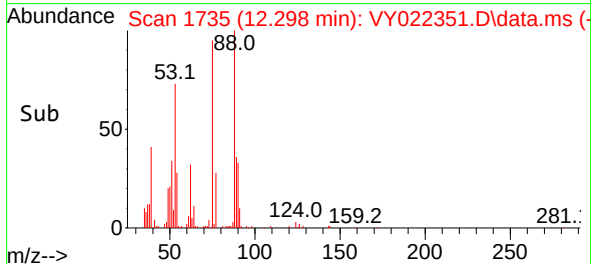
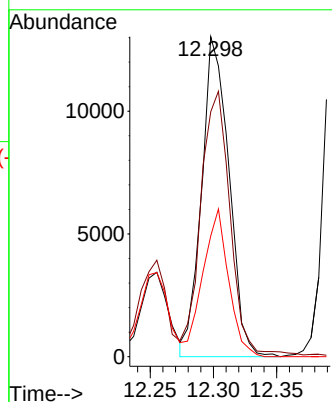
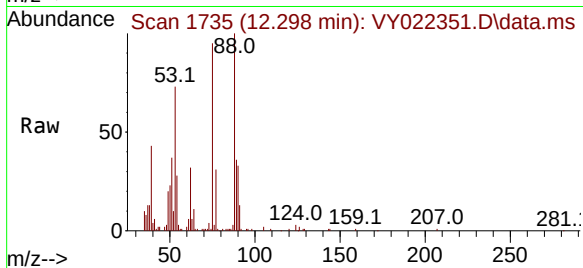




#81
trans-1,4-Dichloro-2-butene
Concen: 42.975 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

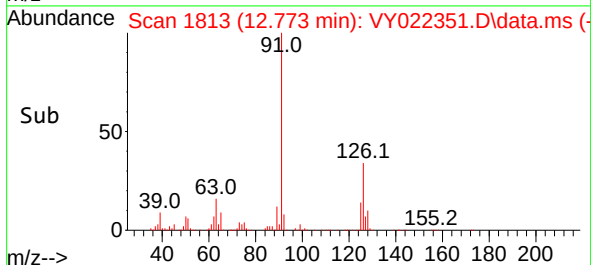
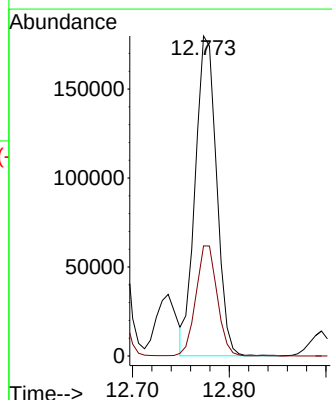
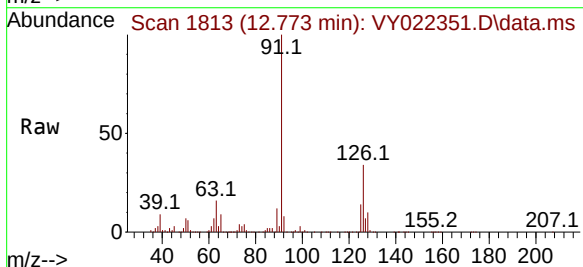
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MSD

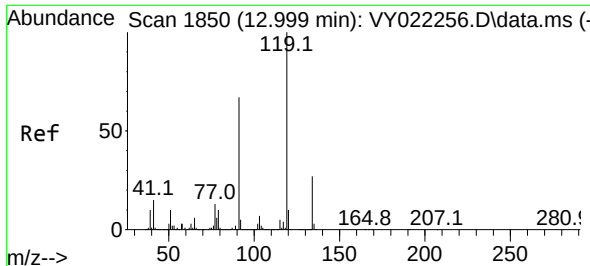
Tgt Ion: 75 Resp: 19607
Ion Ratio Lower Upper
75 100
53 87.7 75.8 113.8
89 43.9 36.2 54.2



#82
4-Chlorotoluene
Concen: 53.441 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion: 91 Resp: 275371
Ion Ratio Lower Upper
91 100
126 34.4 16.8 50.4

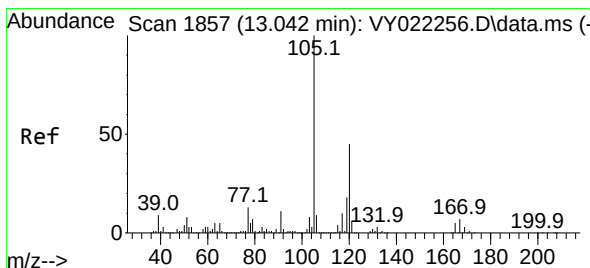
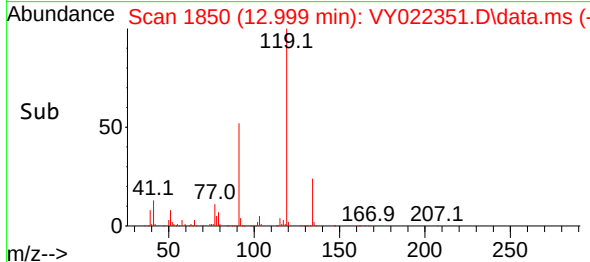
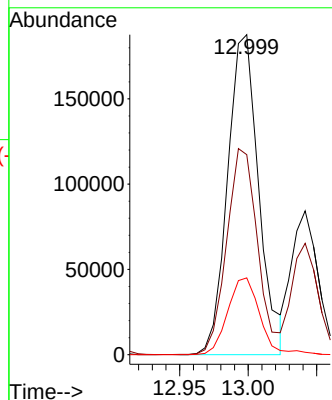
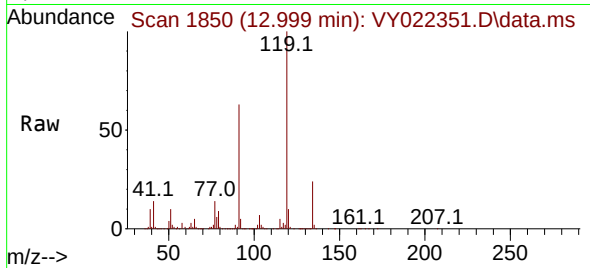




#83
 tert-Butylbenzene
 Concen: 54.832 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VY022351.D
 Acq: 20 May 2025 18:26

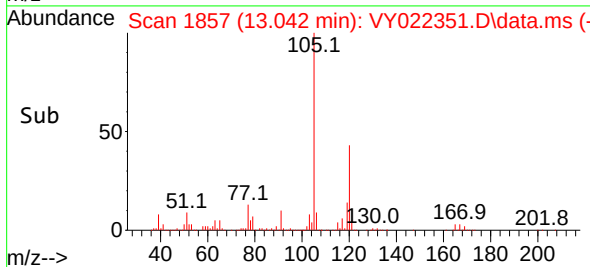
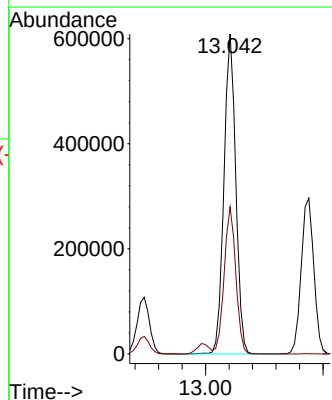
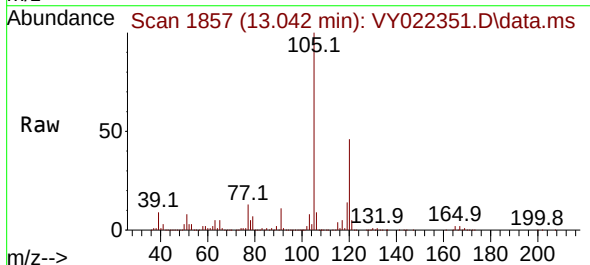
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-11MSD

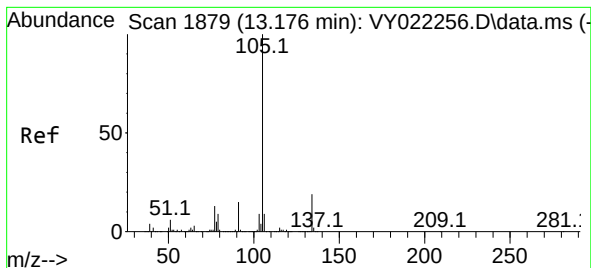
Tgt Ion:119 Resp: 297328
 Ion Ratio Lower Upper
 119 100
 91 64.2 32.8 98.3
 134 24.9 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 140.385 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: VY022351.D
 Acq: 20 May 2025 18:26

Tgt Ion:105 Resp: 850199
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 54.679 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

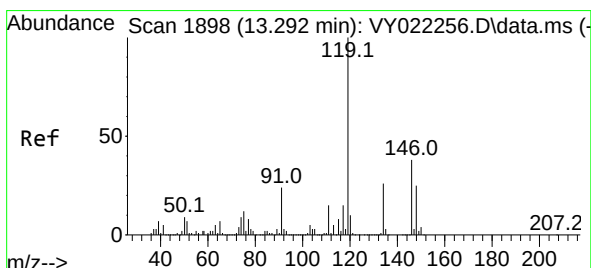
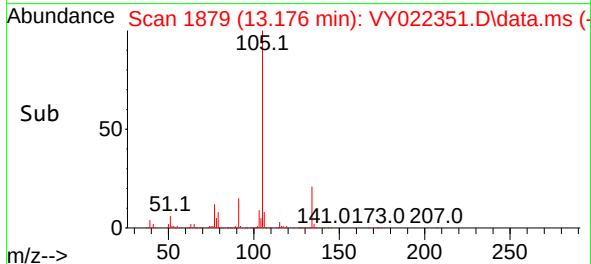
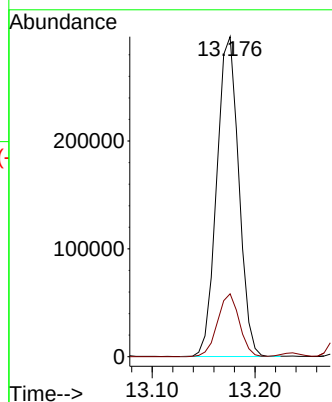
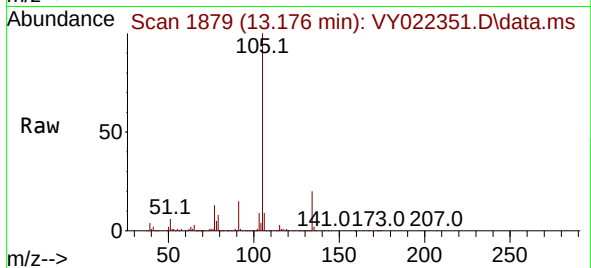
SS-11MSD

Tgt Ion:105 Resp: 440134

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.5



#86

p-Isopropyltoluene

Concen: 52.760 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

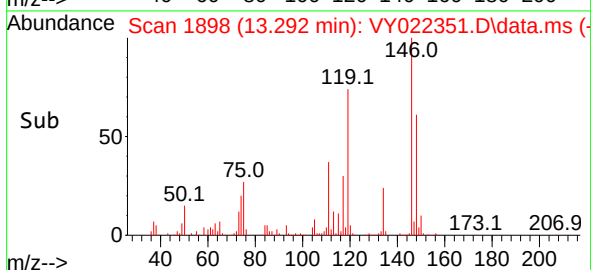
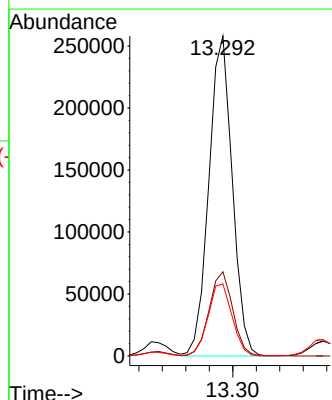
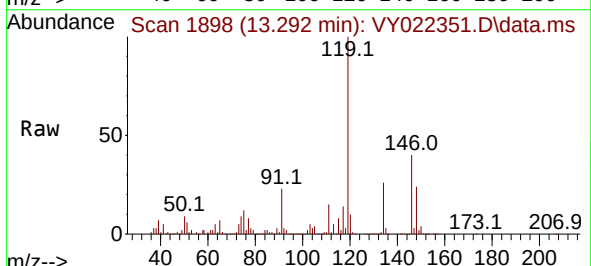
Tgt Ion:119 Resp: 357175

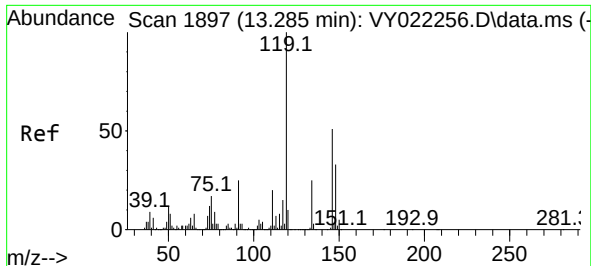
Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.6

91 23.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 52.969 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

SS-11MSD

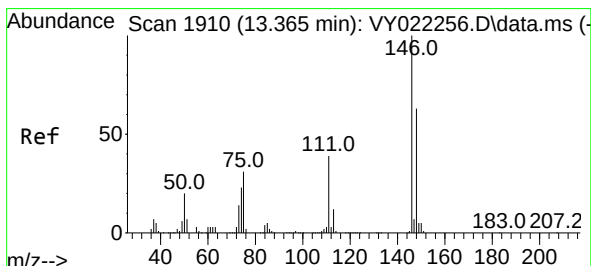
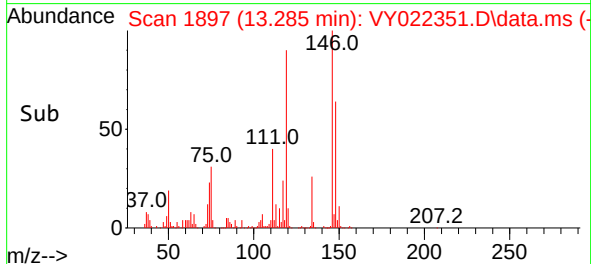
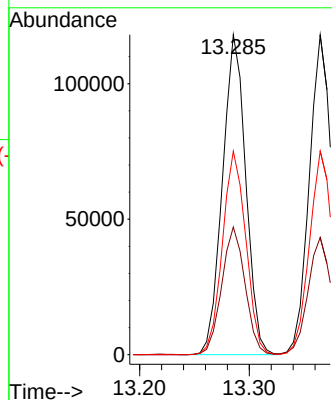
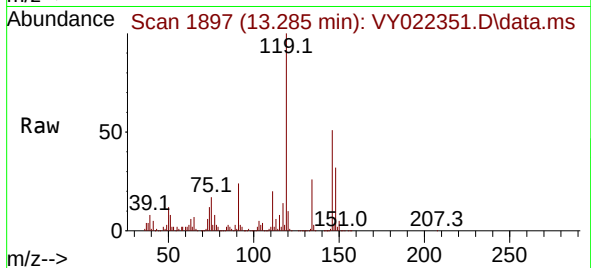
Tgt Ion:146 Resp: 174544

Ion Ratio Lower Upper

146 100

111 39.9 19.9 59.7

148 63.8 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 54.249 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

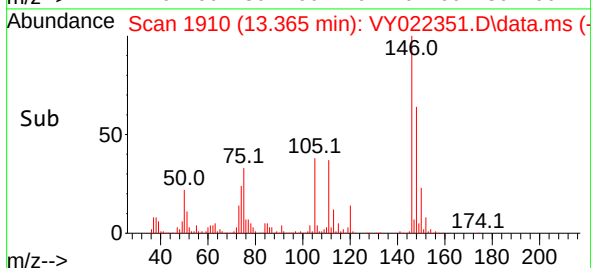
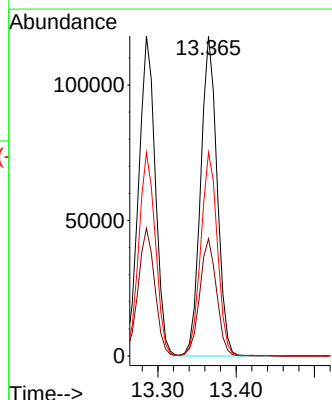
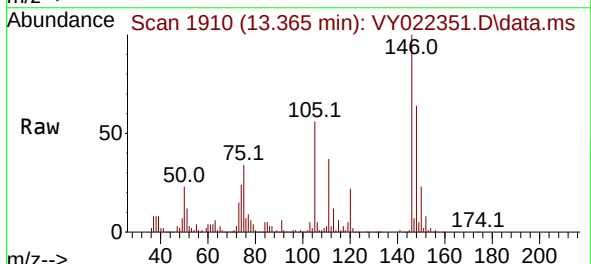
Tgt Ion:146 Resp: 171952

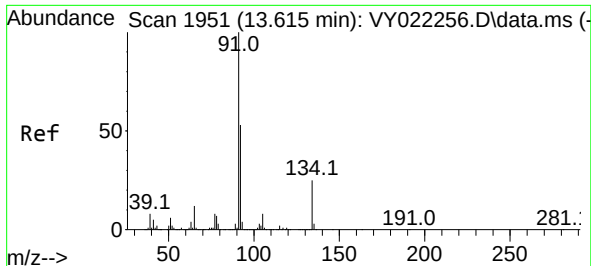
Ion Ratio Lower Upper

146 100

111 37.3 20.0 59.9

148 64.2 32.1 96.5

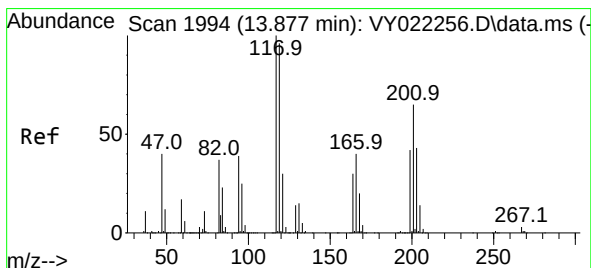
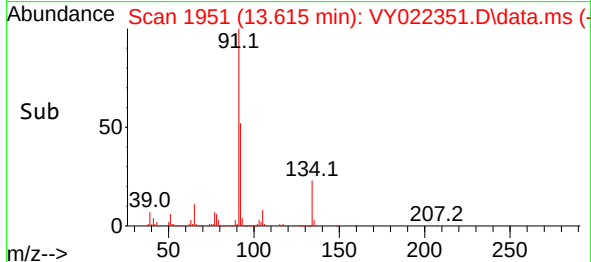
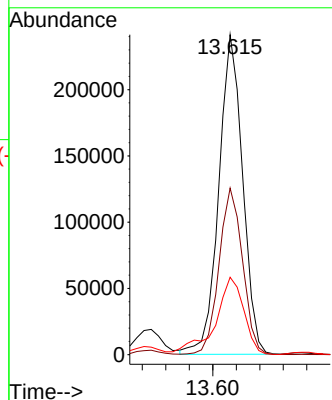
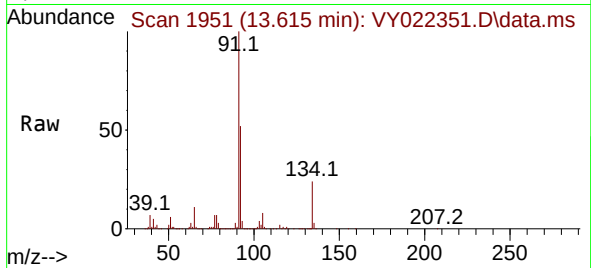




#89
n-Butylbenzene
Concen: 53.059 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

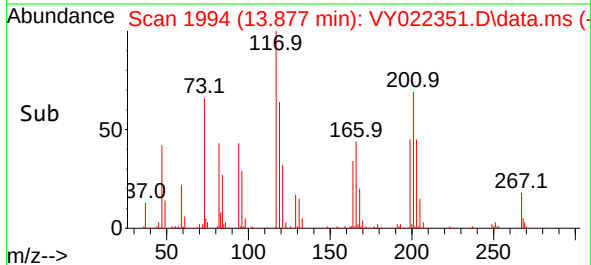
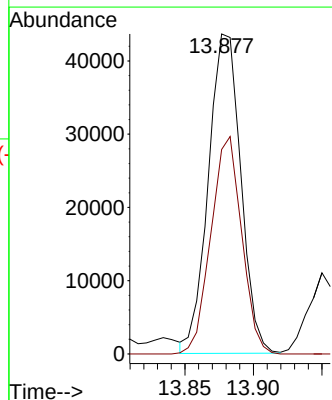
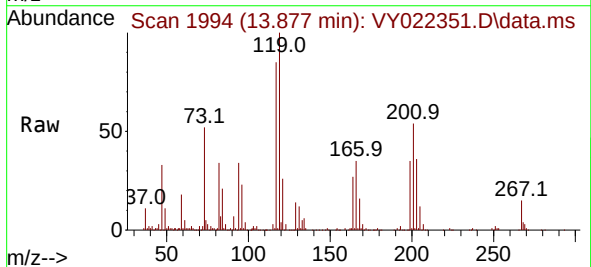
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MSD

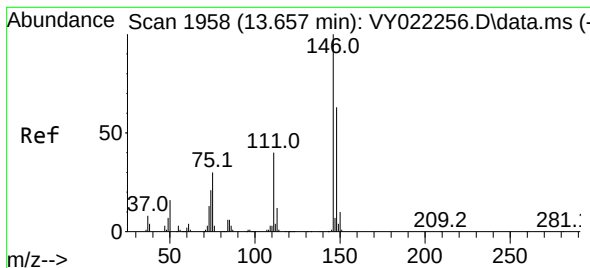
Tgt Ion: 91 Resp: 339824
Ion Ratio Lower Upper
91 100
92 51.6 26.3 78.9
134 29.3 12.4 37.4



#90
Hexachloroethane
Concen: 52.546 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY022351.D
Acq: 20 May 2025 18:26

Tgt Ion: 117 Resp: 71808
Ion Ratio Lower Upper
117 100
201 64.5 35.2 105.6





#91

1,2-Dichlorobenzene

Concen: 56.214 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

SS-11MSD

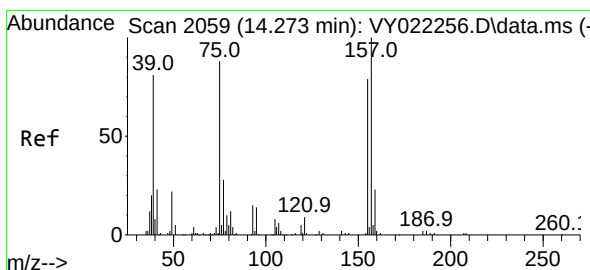
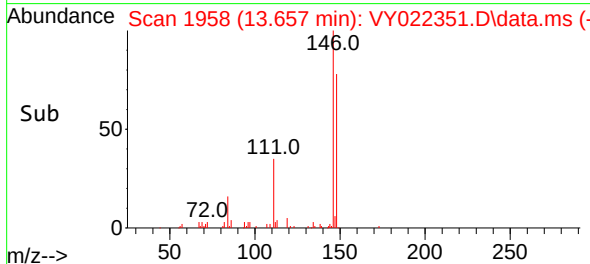
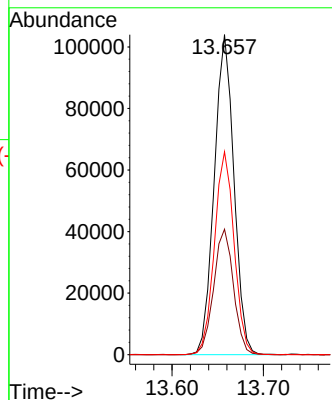
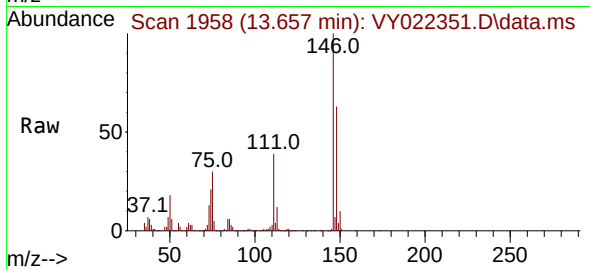
Tgt Ion:146 Resp: 155596

Ion Ratio Lower Upper

146 100

111 39.5 20.5 61.5

148 63.4 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 65.194 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

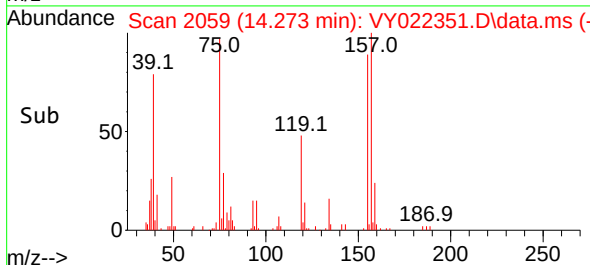
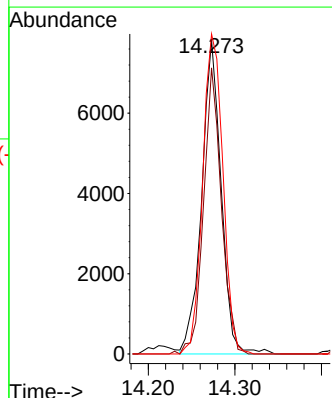
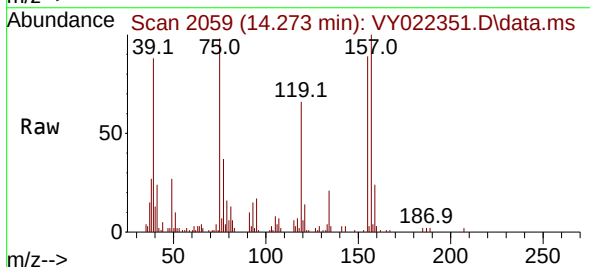
Tgt Ion: 75 Resp: 12219

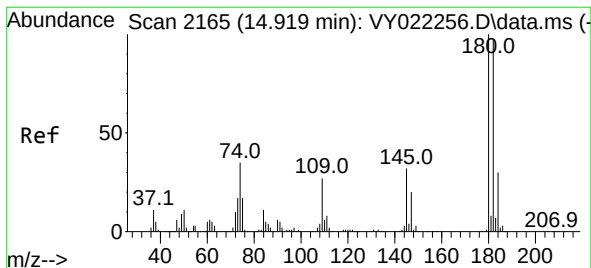
Ion Ratio Lower Upper

75 100

155 83.8 43.4 130.1

157 105.5 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 48.113 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

SS-11MSD

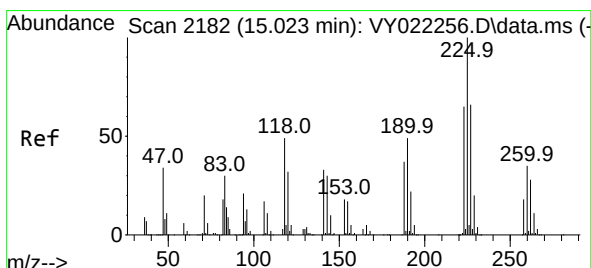
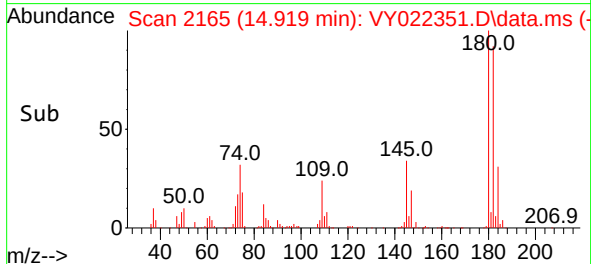
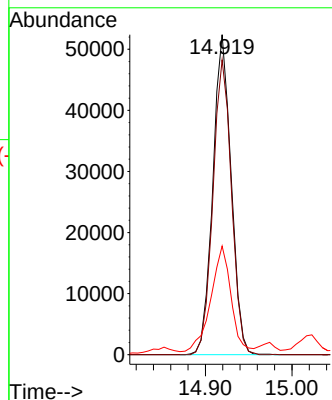
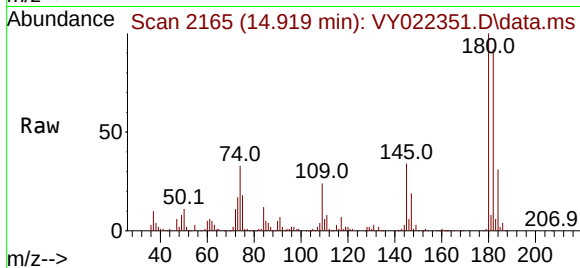
Tgt Ion:180 Resp: 76925

Ion Ratio Lower Upper

180 100

182 93.3 48.0 144.0

145 37.4 15.0 45.1



#94

Hexachlorobutadiene

Concen: 41.162 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

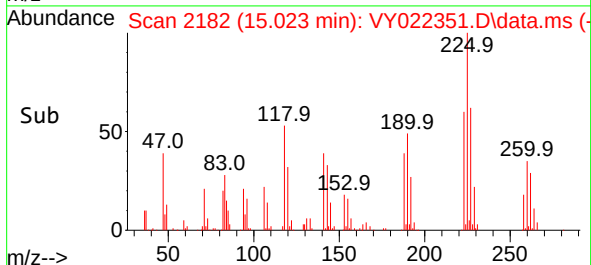
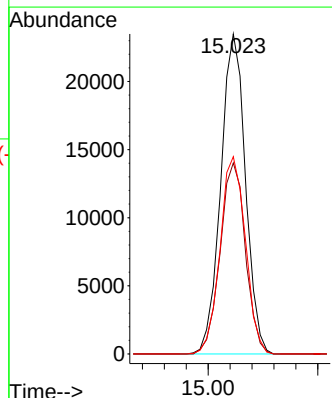
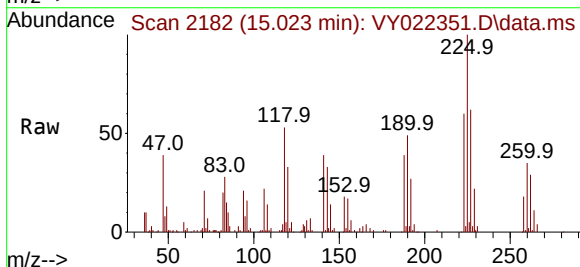
Tgt Ion:225 Resp: 36701

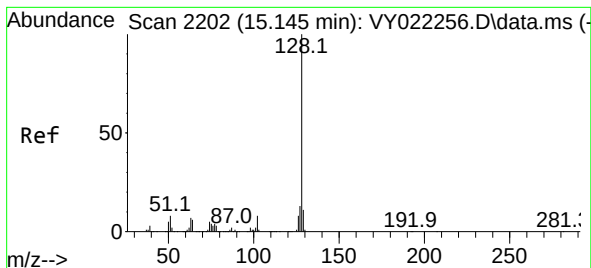
Ion Ratio Lower Upper

225 100

223 61.0 31.5 94.5

227 63.4 32.1 96.3





#95

Naphthalene

Concen: 74.594 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

SS-11MSD

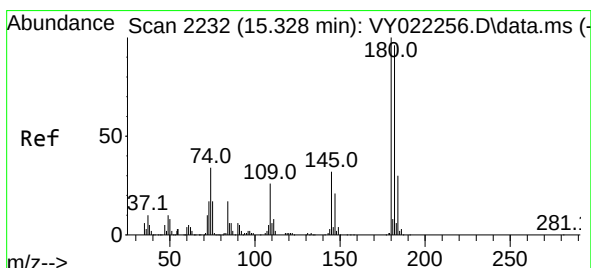
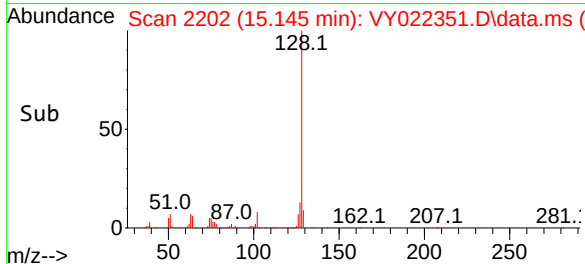
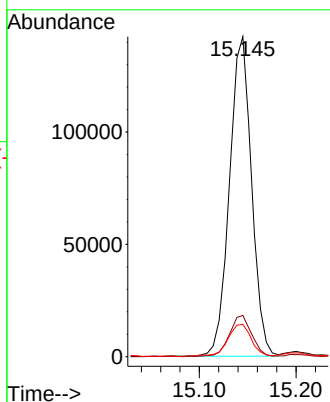
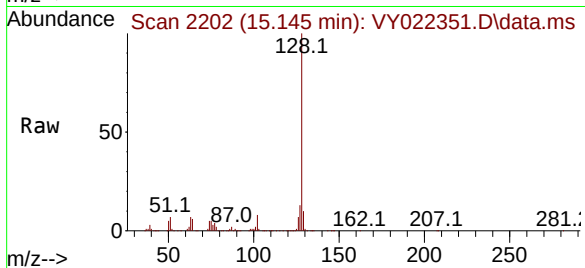
Tgt Ion:128 Resp: 226323

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 48.195 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022351.D

Acq: 20 May 2025 18:26

Tgt Ion:180 Resp: 65369

Ion Ratio Lower Upper

180 100

182 95.5 47.1 141.3

145 59.4 15.9 47.6#

