

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050525\
 Data File : VY022165.D
 Acq On : 05 May 2025 17:28
 Operator : SY/MD
 Sample : Q1956-03MS
 Misc : 5.87g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB2-4-5MS

Quant Time: May 06 05:23:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	168734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	261635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	242756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	125407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	87078	55.871	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.740%			
35) Dibromofluoromethane	7.640	113	100339	58.050	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.100%			
50) Toluene-d8	10.109	98	396003	60.770	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 121.540%			
62) 4-Bromofluorobenzene	12.407	95	121880	55.559	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 111.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.860	85	64403	44.794	ug/l	98
3) Chloromethane	2.068	50	101808	49.729	ug/l	99
4) Vinyl Chloride	2.202	62	134578	53.494	ug/l	98
5) Bromomethane	2.598	94	98663	45.520	ug/l	99
6) Chloroethane	2.738	64	97444	56.873	ug/l	99
7) Trichlorofluoromethane	3.055	101	168454	50.779	ug/l	97
8) Diethyl Ether	3.452	74	41749	48.351	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.817	101	87882	48.834	ug/l	98
10) Methyl Iodide	4.000	142	93558	44.903	ug/l	97
11) Tert butyl alcohol	4.860	59	21028	245.758	ug/l #	88
12) 1,1-Dichloroethene	3.793	96	82715	49.311	ug/l	94
13) Acrolein	3.653	56	6064	39.487	ug/l	99
14) Allyl chloride	4.384	41	99984	51.191	ug/l	97
15) Acrylonitrile	5.061	53	77160	244.099	ug/l	99
16) Acetone	3.866	43	59424	295.145	ug/l	97
17) Carbon Disulfide	4.104	76	240695	45.004	ug/l	99
18) Methyl Acetate	4.384	43	68982	94.750	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	195526	52.080	ug/l	98
20) Methylene Chloride	4.610	84	100553	51.022	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	96659	51.453	ug/l	98
22) Diisopropyl ether	6.018	45	246686	56.755	ug/l	97
23) Vinyl Acetate	5.963	43	193767	82.719	ug/l	98
24) 1,1-Dichloroethane	5.915	63	168456	55.913	ug/l	98
25) 2-Butanone	6.896	43	88333	248.638	ug/l	96
26) 2,2-Dichloropropane	6.884	77	128714	48.744	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	113018	53.805	ug/l	97
28) Bromochloromethane	7.244	49	69980	59.800	ug/l	93
29) Tetrahydrofuran	7.262	42	59162	256.401	ug/l	99
30) Chloroform	7.420	83	185485	55.503	ug/l	100
31) Cyclohexane	7.701	56	128542	49.892	ug/l	94
32) 1,1,1-Trichloroethane	7.615	97	161659	53.468	ug/l	98
36) 1,1-Dichloropropene	7.835	75	123882	53.355	ug/l	99
37) Ethyl Acetate	6.988	43	36766	44.090	ug/l	96
38) Carbon Tetrachloride	7.817	117	145495	52.441	ug/l	98
39) Methylcyclohexane	9.109	83	145637	49.843	ug/l	94
40) Benzene	8.079	78	403142	55.545	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.256	41	59252	129.981	ug/l #	19
42) 1,2-Dichloroethane	8.158	62	96918	53.934	ug/l	99
43) Isopropyl Acetate	8.195	43	77574	48.441	ug/l	98
44) Trichloroethene	8.865	130	103268	51.368	ug/l	94
45) 1,2-Dichloropropane	9.140	63	91383	56.934	ug/l	98
46) Dibromomethane	9.231	93	51622	51.378	ug/l	97
47) Bromodichloromethane	9.426	83	140280	55.888	ug/l	98
48) Methyl methacrylate	9.225	41	41280	55.760	ug/l	99
49) 1,4-Dioxane	9.225	88	9574	894.009	ug/l #	95
51) 4-Methyl-2-Pentanone	9.999	43	227640	271.167	ug/l	97
52) Toluene	10.170	92	270455	57.566	ug/l	99
53) t-1,3-Dichloropropene	10.395	75	107817	50.078	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	128269	50.119	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	70904	52.830	ug/l	99
56) Ethyl methacrylate	10.438	69	67812	44.183	ug/l	96
57) 1,3-Dichloropropane	10.719	76	116274	54.041	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	184366	245.686	ug/l	99
59) 2-Hexanone	10.761	43	147026	265.529	ug/l	97
60) Dibromochloromethane	10.914	129	97320	52.375	ug/l	99
61) 1,2-Dibromoethane	11.017	107	64620	51.000	ug/l	98
64) Tetrachloroethene	10.645	164	119916	52.363	ug/l	95
65) Chlorobenzene	11.444	112	278330	51.271	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	102401	53.580	ug/l	99
67) Ethyl Benzene	11.517	91	485649	54.688	ug/l	97
68) m/p-Xylenes	11.627	106	391072	110.669	ug/l	100
69) o-Xylene	11.956	106	176678	54.246	ug/l	99
70) Styrene	11.968	104	216048	39.507	ug/l	95
71) Bromoform	12.133	173	53844	48.458	ug/l #	99
73) Isopropylbenzene	12.255	105	459729	54.870	ug/l	100
74) N-amyl acetate	12.072	43	47297	32.856	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	72724	51.483	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	93607	87.143	ug/l #	100
77) Bromobenzene	12.529	156	105479	49.822	ug/l	96
78) n-propylbenzene	12.596	91	544686	54.590	ug/l	99
79) 2-Chlorotoluene	12.682	91	308315	53.133	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	374123	54.194	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	17141	38.428	ug/l	91
82) 4-Chlorotoluene	12.779	91	317135	52.574	ug/l	99
83) tert-Butylbenzene	12.999	119	336016	54.272	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	374398	54.221	ug/l	100
85) sec-Butylbenzene	13.175	105	478604	52.827	ug/l	100
86) p-Isopropyltoluene	13.291	119	394727	51.309	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	200543	46.638	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	199946	46.950	ug/l	99
89) n-Butylbenzene	13.614	91	324369	47.171	ug/l	99
90) Hexachloroethane	13.877	117	85072	50.331	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	176281	47.003	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10770	47.922	ug/l	90
93) 1,2,4-Trichlorobenzene	14.919	180	68068	32.028	ug/l	99
94) Hexachlorobutadiene	15.023	225	40649	31.087	ug/l	98
95) Naphthalene	15.145	128	117453	33.269	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	55700	30.362	ug/l	98

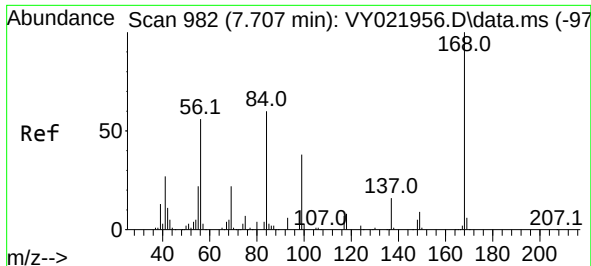
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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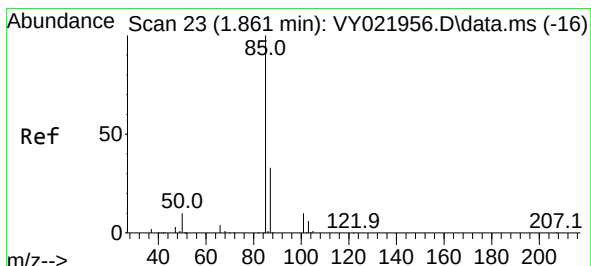
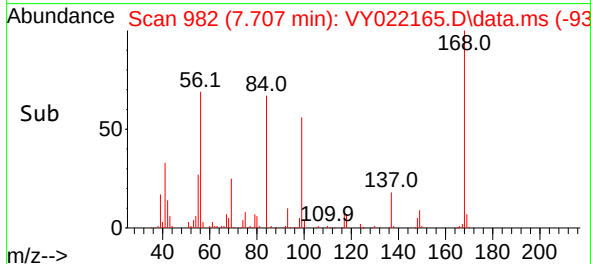
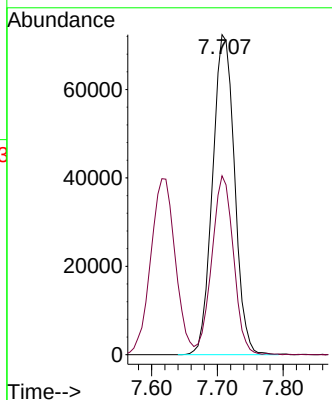
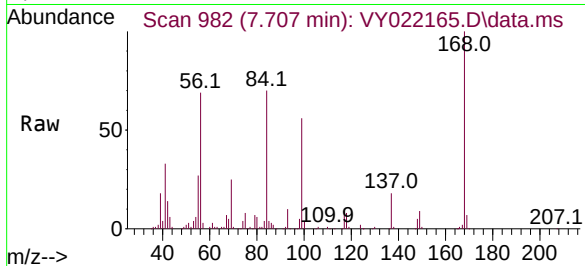
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
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Acq: 05 May 2025 17:28

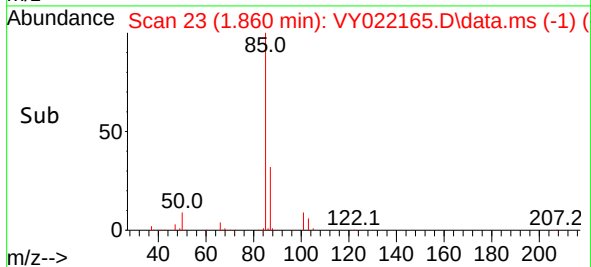
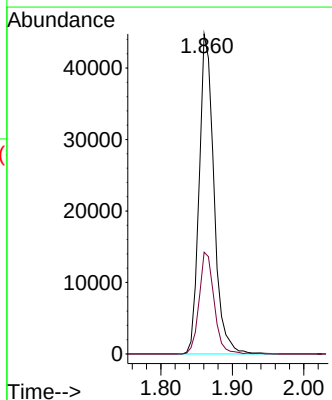
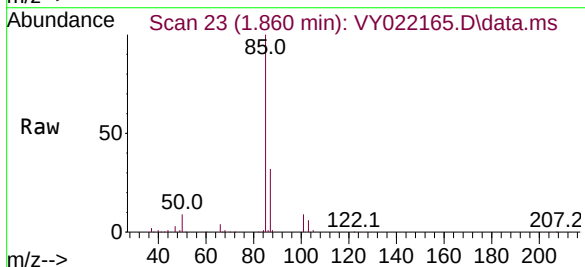
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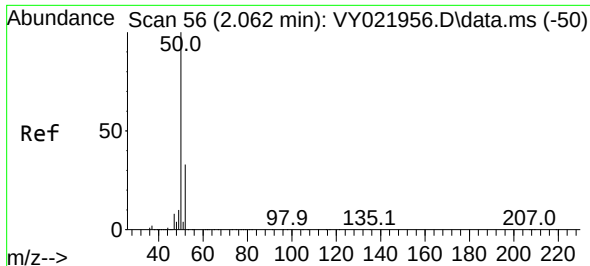
Tgt Ion:168 Resp: 168734
Ion Ratio Lower Upper
168 100
99 55.7 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 44.794 ug/l
RT: 1.860 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion: 85 Resp: 64403
Ion Ratio Lower Upper
85 100
87 31.8 16.6 49.7

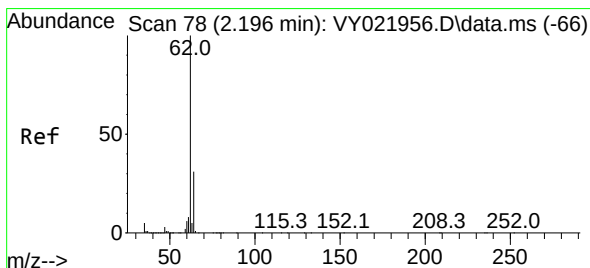
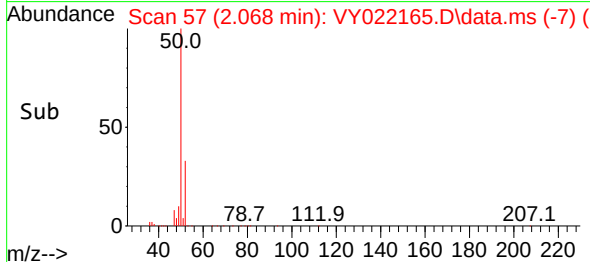
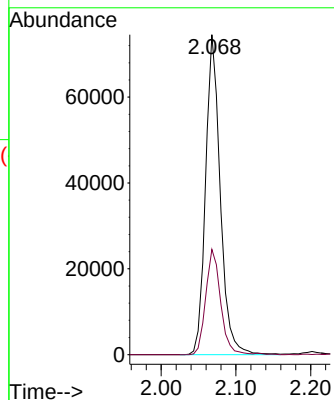
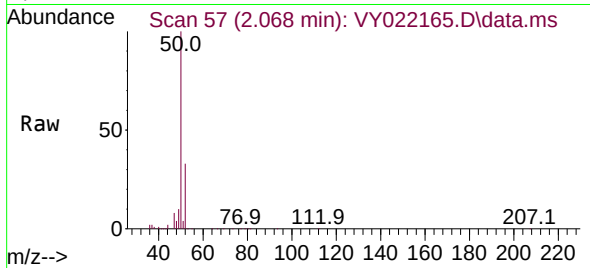




#3
Chloromethane
Concen: 49.729 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

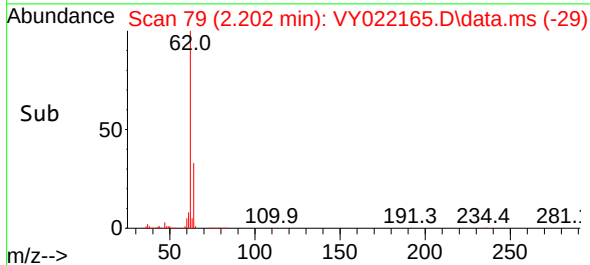
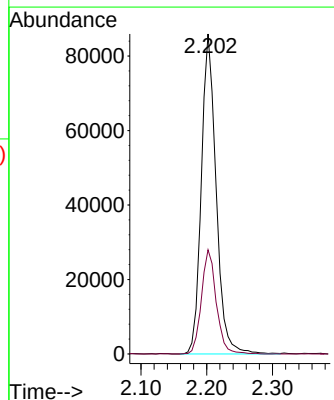
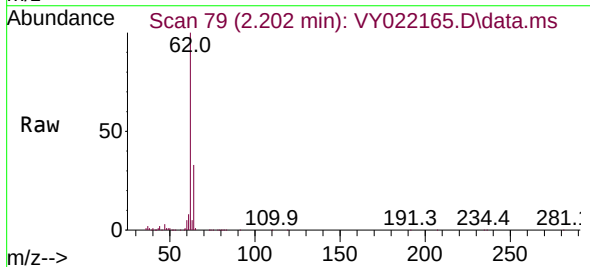
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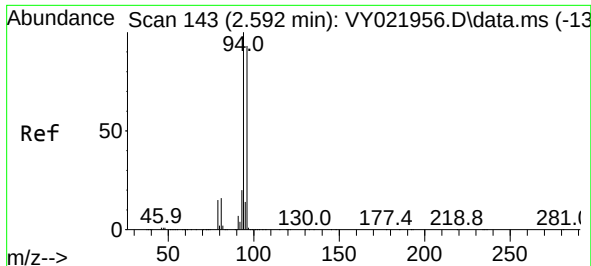
Tgt Ion: 50 Resp: 101808
Ion Ratio Lower Upper
50 100
52 32.9 26.1 39.1



#4
Vinyl Chloride
Concen: 53.494 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion: 62 Resp: 134578
Ion Ratio Lower Upper
62 100
64 32.5 25.1 37.7

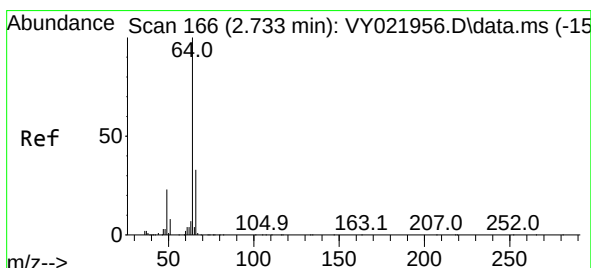
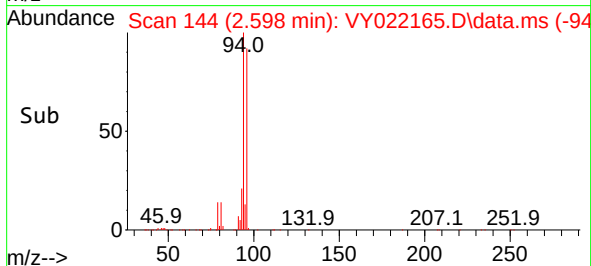
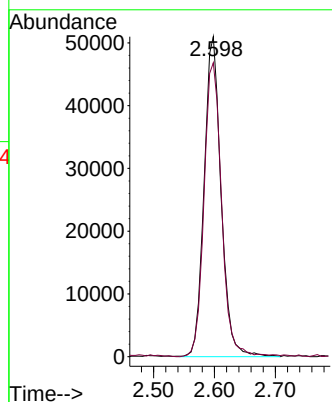
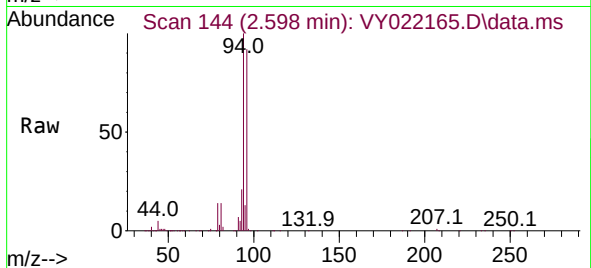




#5
Bromomethane
Concen: 45.520 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

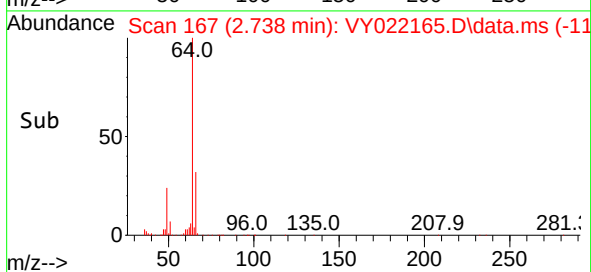
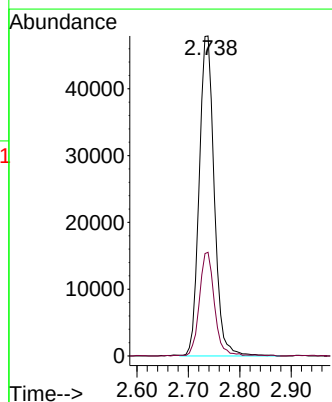
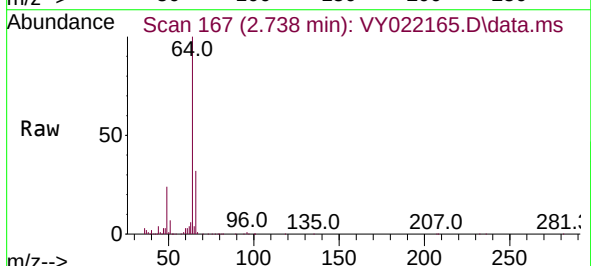
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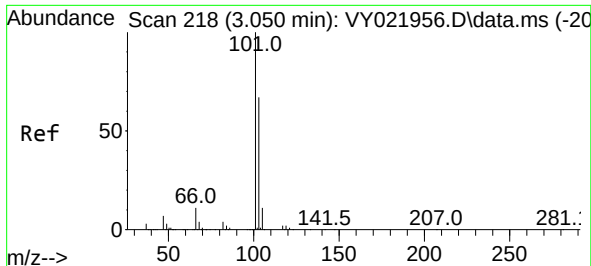
Tgt Ion: 94 Resp: 98663
Ion Ratio Lower Upper
94 100
96 91.9 74.6 111.8



#6
Chloroethane
Concen: 56.873 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion: 64 Resp: 97444
Ion Ratio Lower Upper
64 100
66 32.4 26.2 39.4

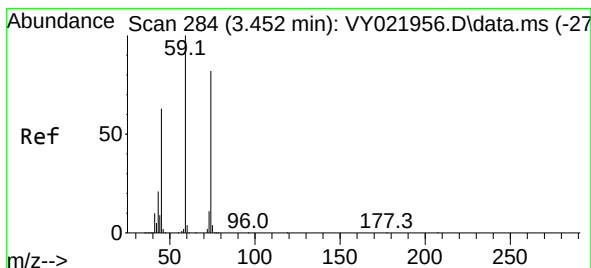
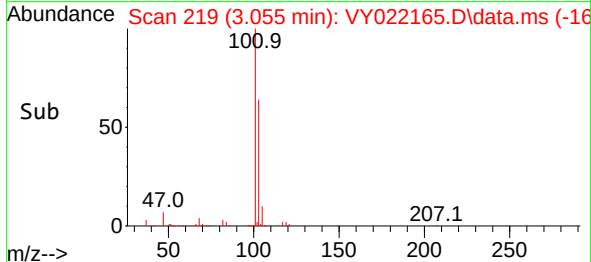
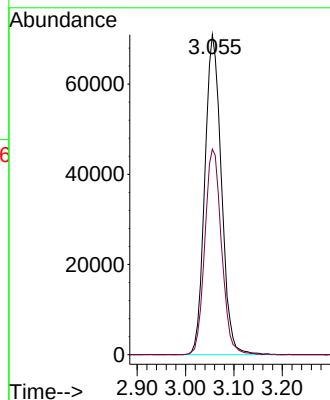
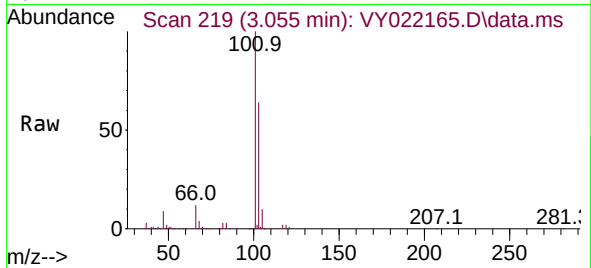




#7
Trichlorofluoromethane
Concen: 50.779 ug/l
RT: 3.055 min Scan# 218
Delta R.T. 0.006 min
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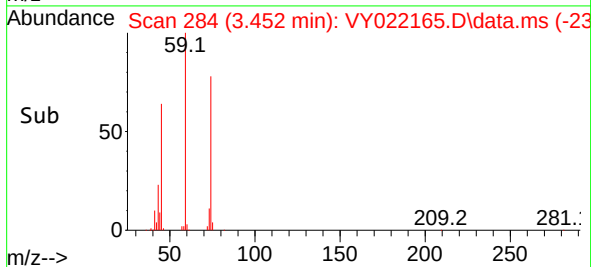
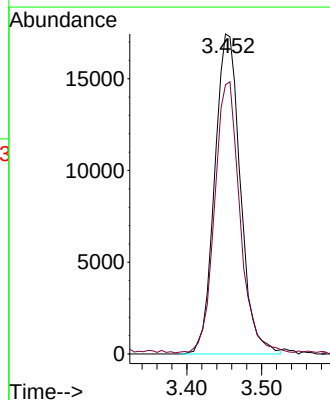
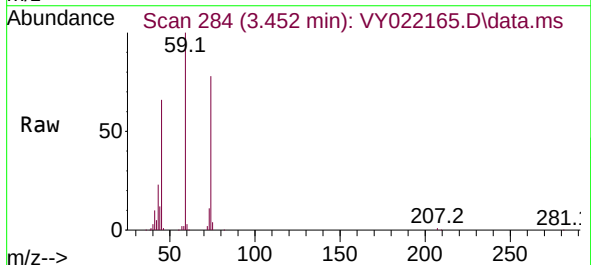
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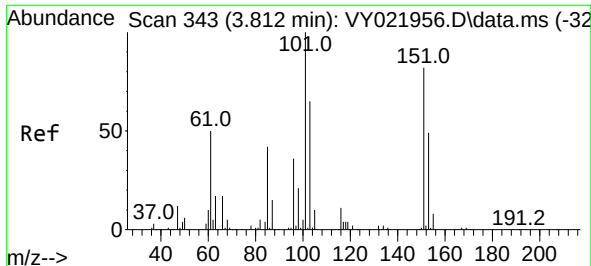
Tgt Ion:101 Resp: 168454
Ion Ratio Lower Upper
101 100
103 64.2 53.6 80.4



#8
Diethyl Ether
Concen: 48.351 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion: 74 Resp: 41749
Ion Ratio Lower Upper
74 100
45 83.7 39.1 117.5

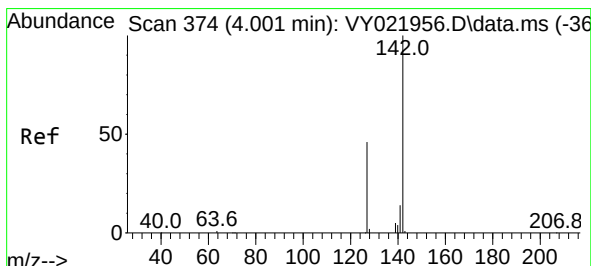
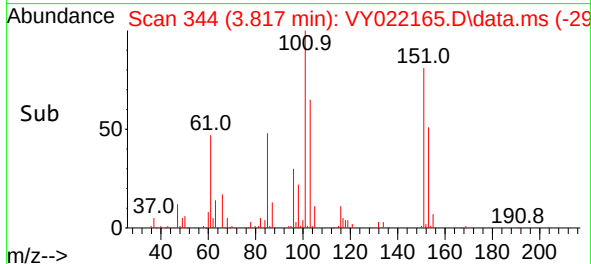
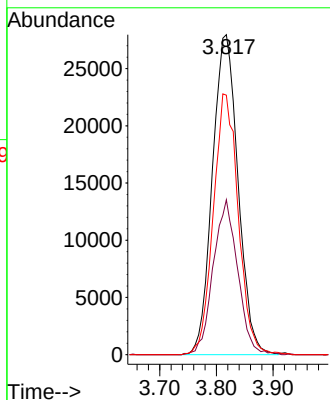
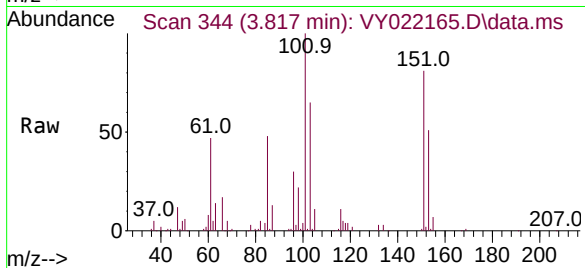




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.834 ug/l
RT: 3.817 min Scan# 34
Delta R.T. 0.006 min
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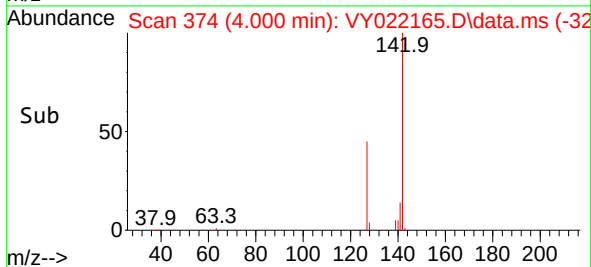
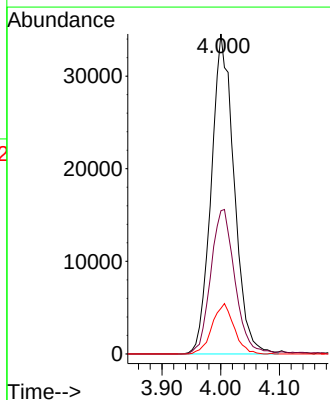
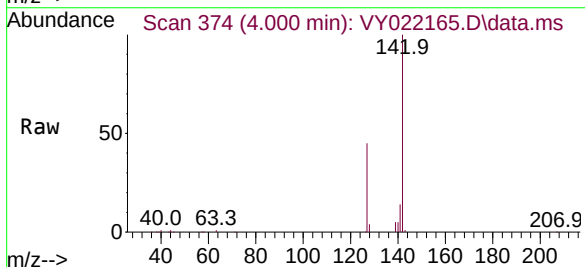
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ClientSampleId :
SB2-4-5MS

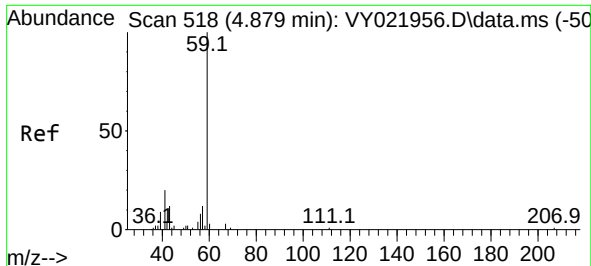
Tgt Ion:101 Resp: 87882
Ion Ratio Lower Upper
101 100
85 46.1 34.6 51.8
151 79.3 63.7 95.5



#10
Methyl Iodide
Concen: 44.903 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion:142 Resp: 93558
Ion Ratio Lower Upper
142 100
127 47.6 36.2 54.2
141 15.1 11.7 17.5

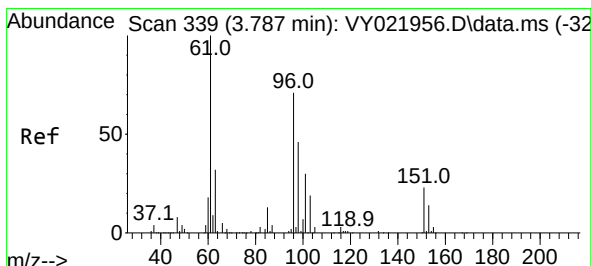
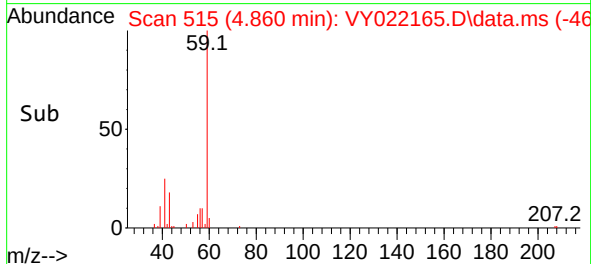
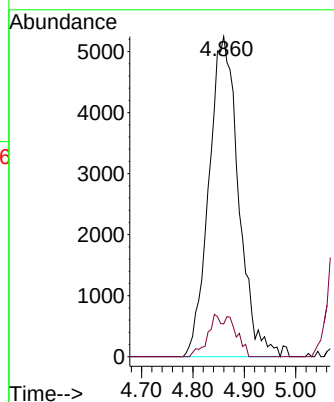
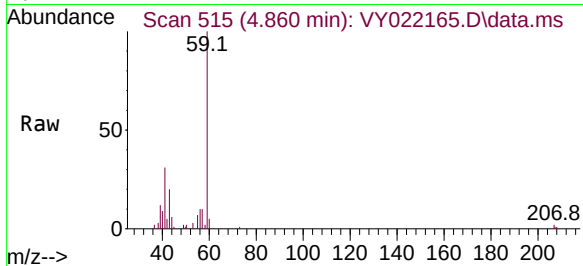




#11
Tert butyl alcohol
Concen: 245.758 ug/l
RT: 4.860 min Scan# 51
Delta R.T. -0.019 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

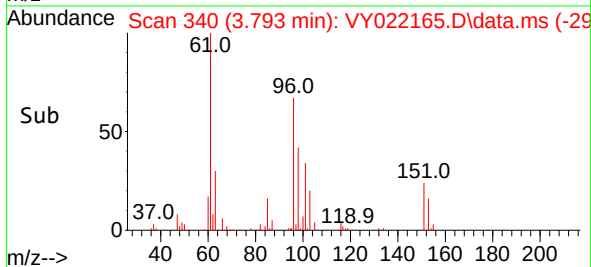
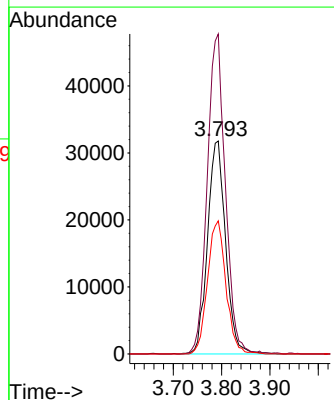
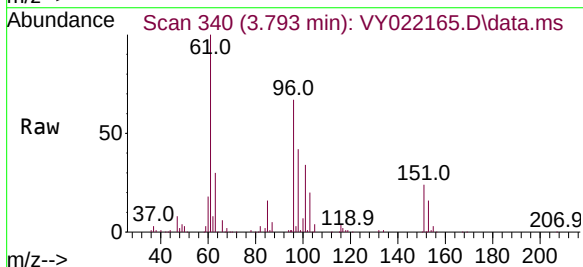
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MS

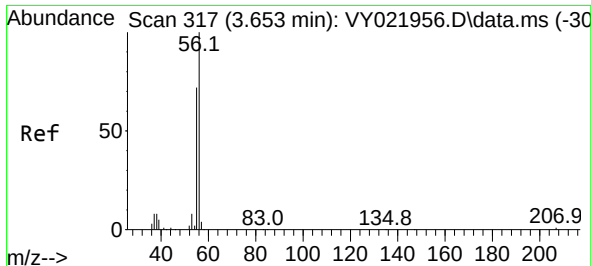
Tgt Ion: 59 Resp: 21028
Ion Ratio Lower Upper
59 100
57 6.8 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 49.311 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion: 96 Resp: 82715
Ion Ratio Lower Upper
96 100
61 150.3 113.0 169.4
98 62.6 51.4 77.2





#13

Acrolein

Concen: 39.487 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

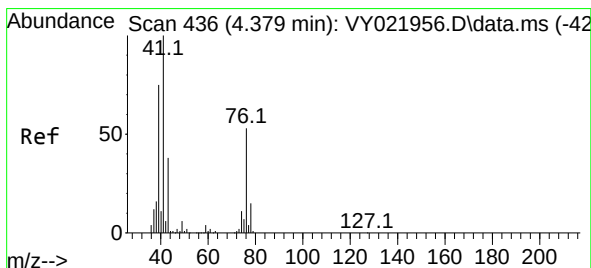
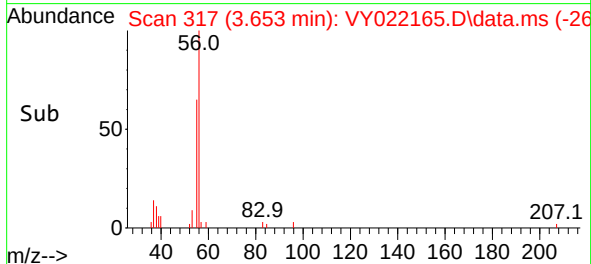
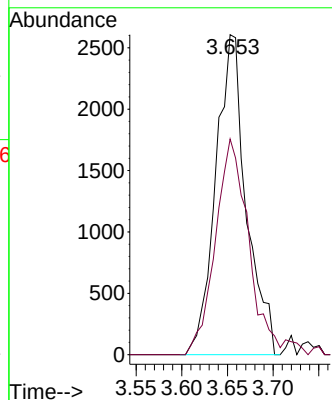
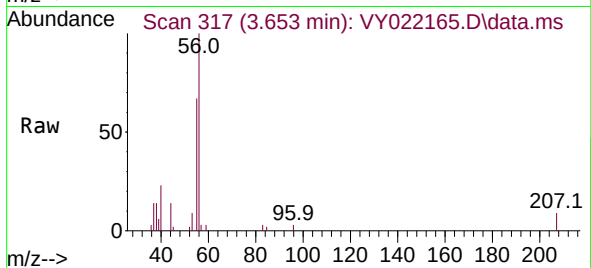
SB2-4-5MS

Tgt Ion: 56 Resp: 6064

Ion Ratio Lower Upper

56 100

55 72.7 57.4 86.0



#14

Allyl chloride

Concen: 51.191 ug/l

RT: 4.384 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

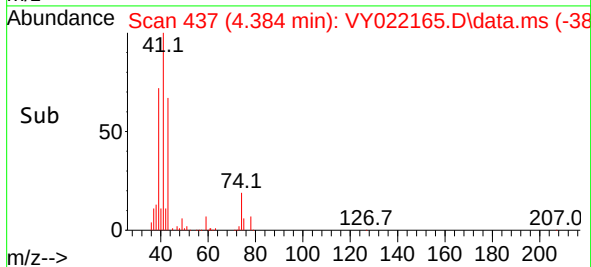
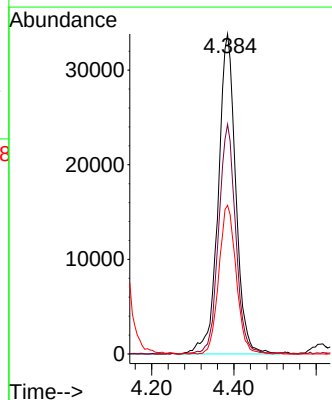
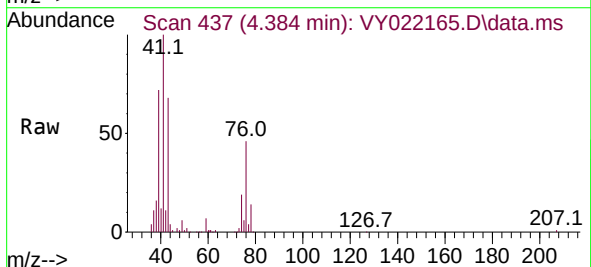
Tgt Ion: 41 Resp: 99984

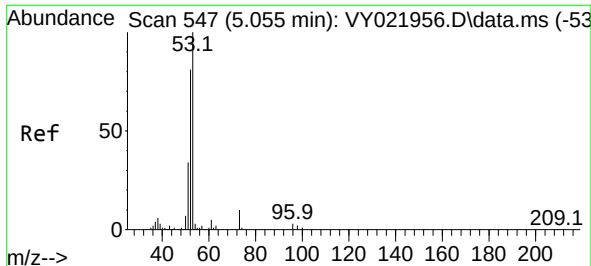
Ion Ratio Lower Upper

41 100

39 70.0 57.2 85.8

76 45.9 39.7 59.5

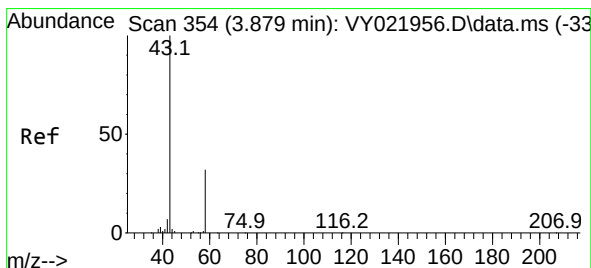
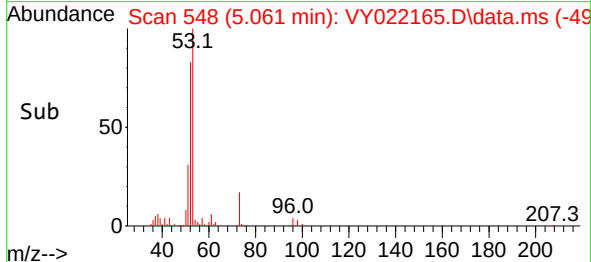
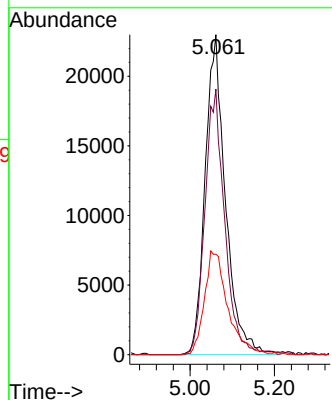
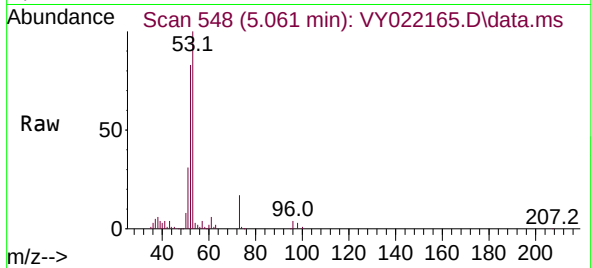




#15
Acrylonitrile
Concen: 244.099 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

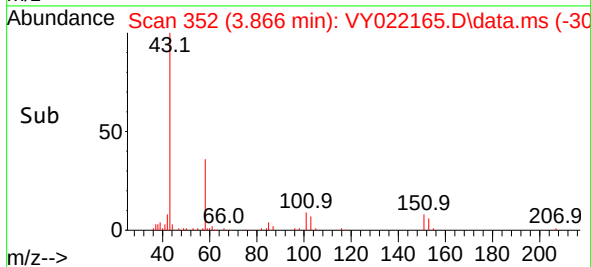
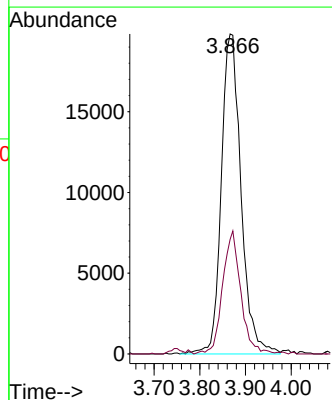
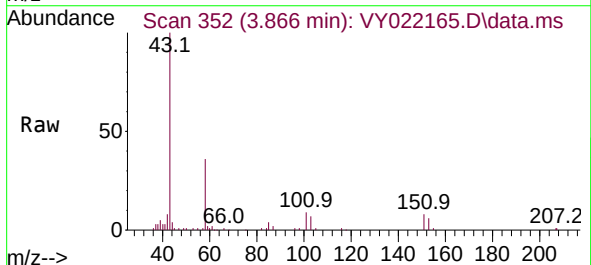
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MS

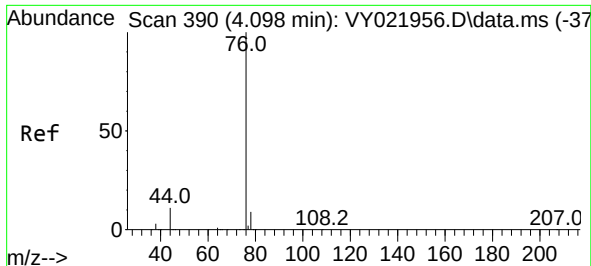
Tgt Ion: 53 Resp: 77160
Ion Ratio Lower Upper
53 100
52 80.4 65.0 97.6
51 37.2 28.9 43.3



#16
Acetone
Concen: 295.145 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.013 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion: 43 Resp: 59424
Ion Ratio Lower Upper
43 100
58 35.3 27.0 40.4

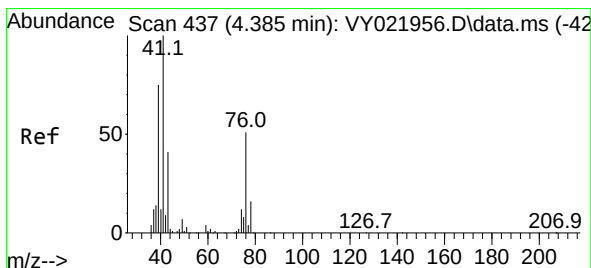
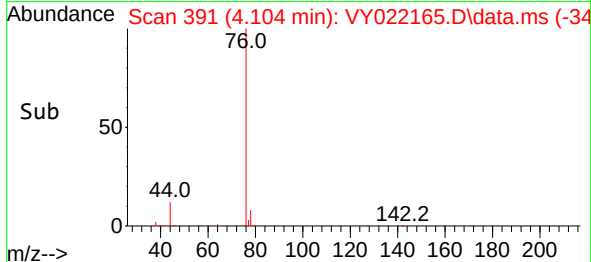
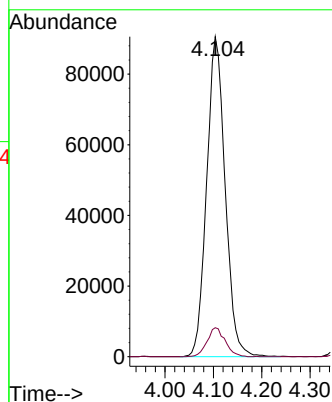
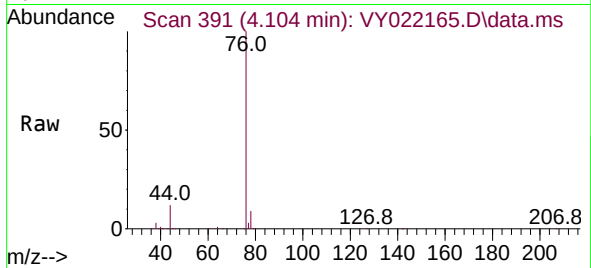




#17
Carbon Disulfide
Concen: 45.004 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

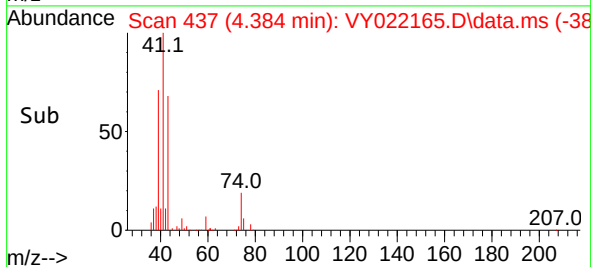
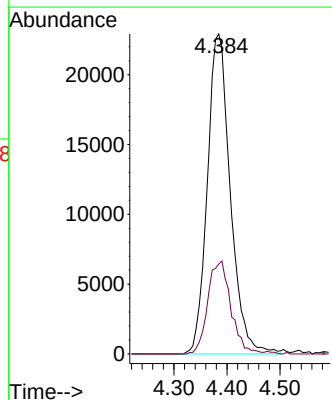
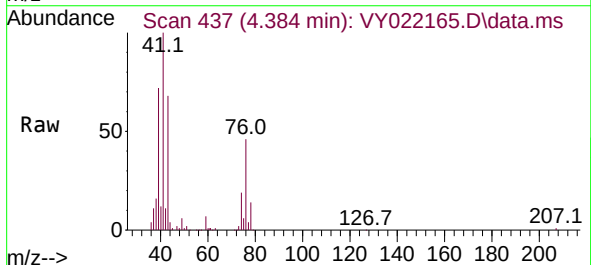
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MS

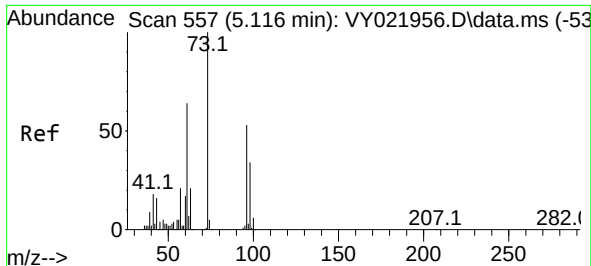
Tgt Ion: 76 Resp: 240695
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 94.750 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion: 43 Resp: 68982
Ion Ratio Lower Upper
43 100
74 29.2 24.2 36.4

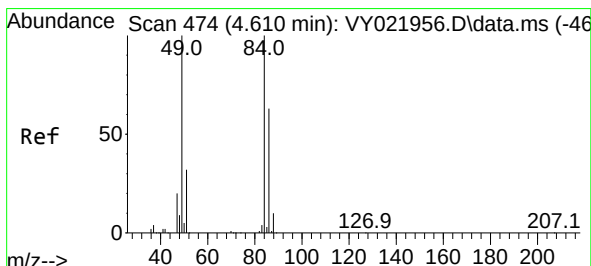
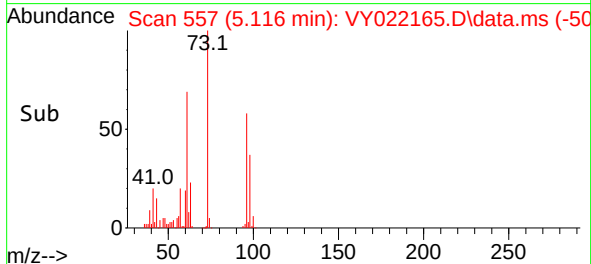
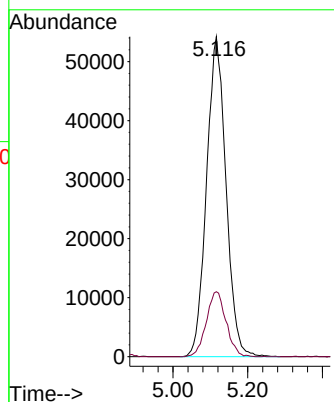
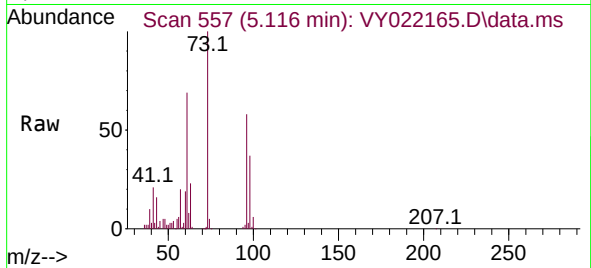




#19
Methyl tert-butyl Ether
Concen: 52.080 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

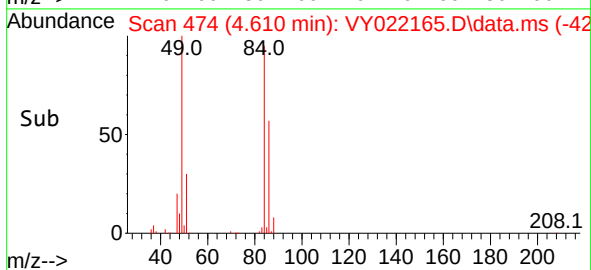
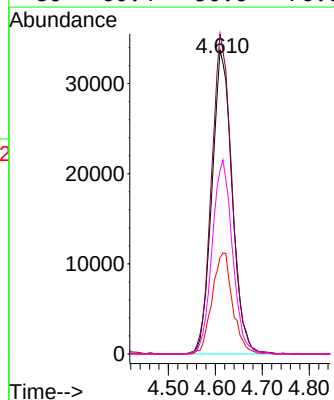
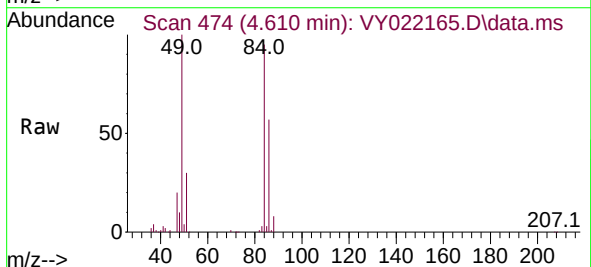
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MS

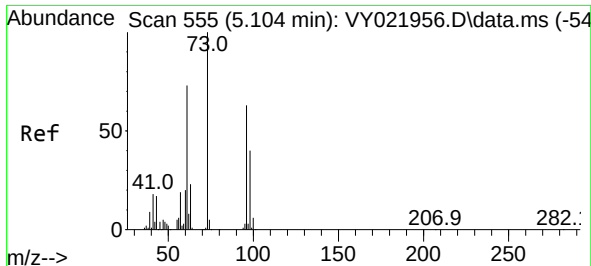
Tgt Ion: 73 Resp: 195526
Ion Ratio Lower Upper
73 100
57 20.3 16.9 25.3



#20
Methylene Chloride
Concen: 51.022 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion: 84 Resp: 100553
Ion Ratio Lower Upper
84 100
49 105.3 79.9 119.9
51 31.6 25.4 38.0
86 60.4 50.6 76.0

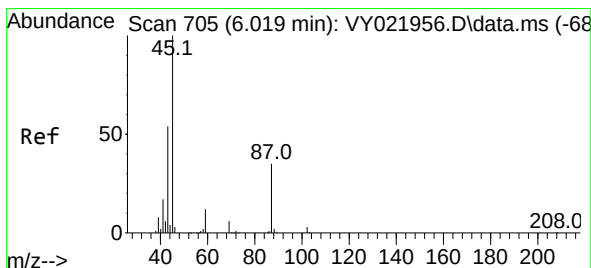
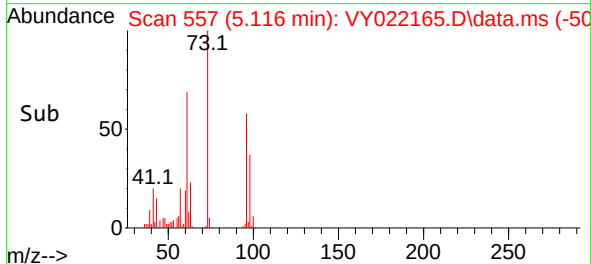
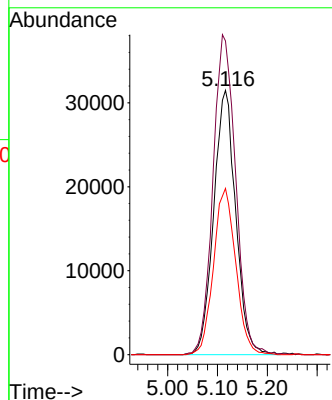
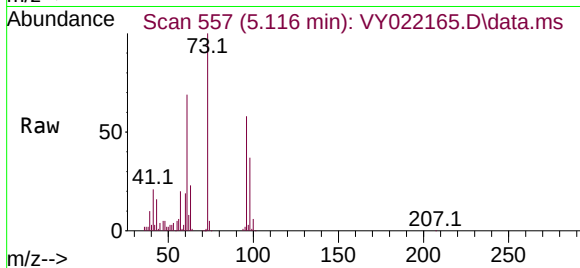




#21
trans-1,2-Dichloroethene
Concen: 51.453 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

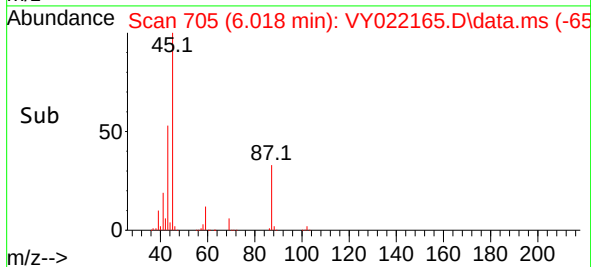
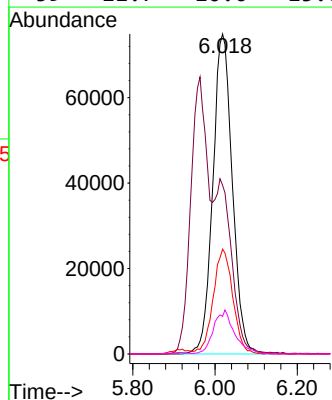
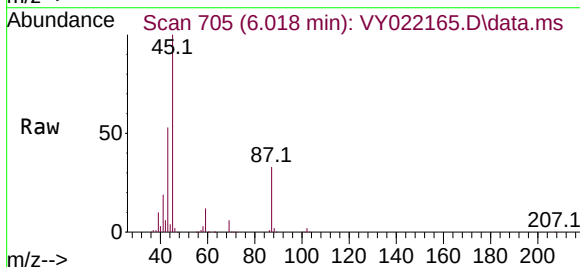
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MS

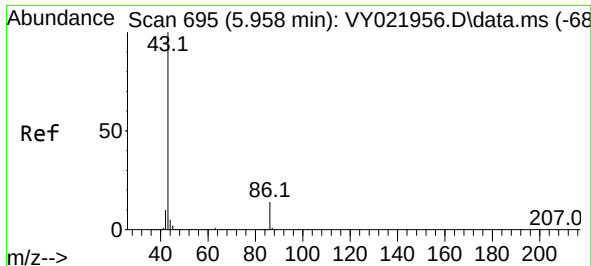
Tgt Ion: 96 Resp: 96659
Ion Ratio Lower Upper
96 100
61 118.7 92.6 138.8
98 62.9 50.2 75.4



#22
Diisopropyl ether
Concen: 56.755 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion: 45 Resp: 246686
Ion Ratio Lower Upper
45 100
43 52.5 43.6 65.4
87 32.8 28.2 42.4
59 11.7 10.0 15.0

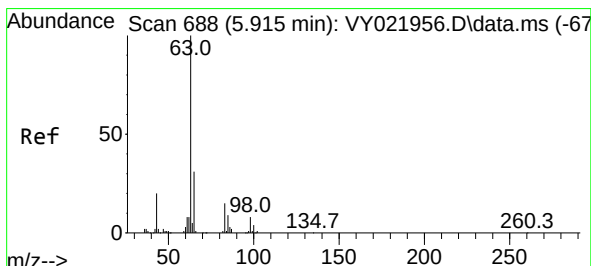
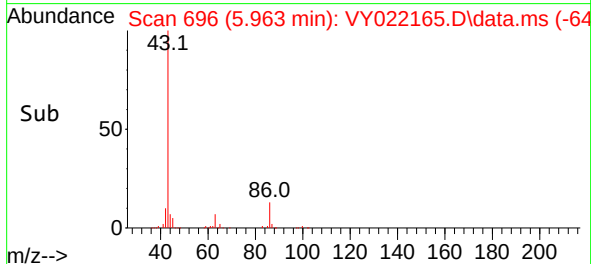
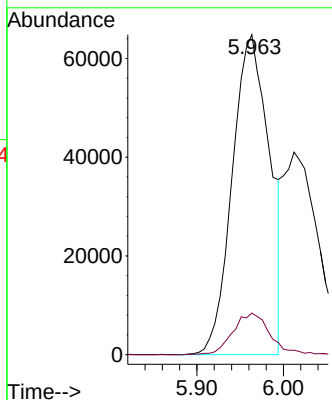
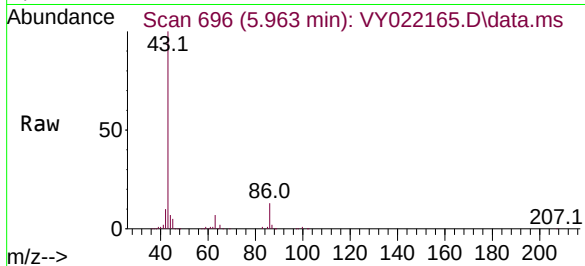




#23
 Vinyl Acetate
 Concen: 82.719 ug/l
 RT: 5.963 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022165.D
 Acq: 05 May 2025 17:28

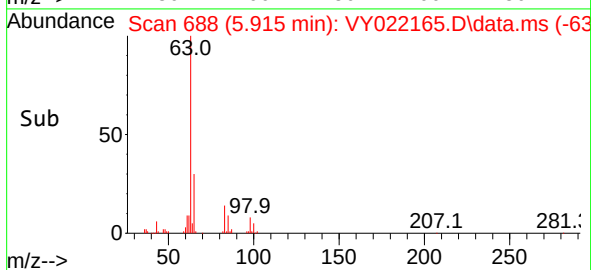
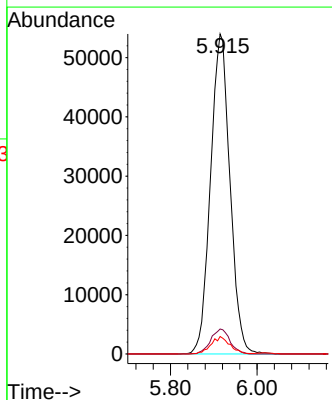
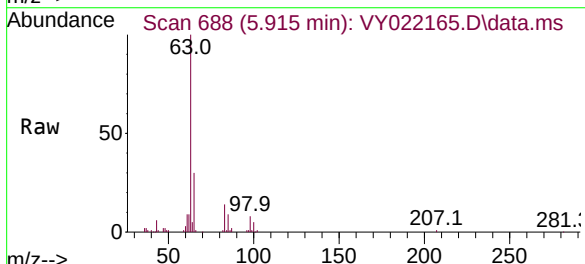
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB2-4-5MS

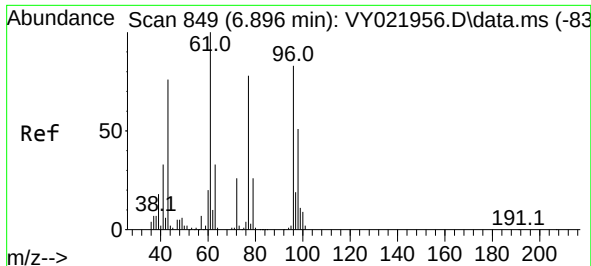
Tgt Ion: 43 Resp: 193767
 Ion Ratio Lower Upper
 43 100
 86 13.0 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 55.913 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022165.D
 Acq: 05 May 2025 17:28

Tgt Ion: 63 Resp: 168456
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 11.9
 100 5.4 2.0 6.0

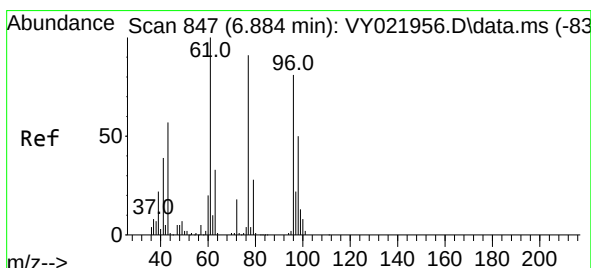
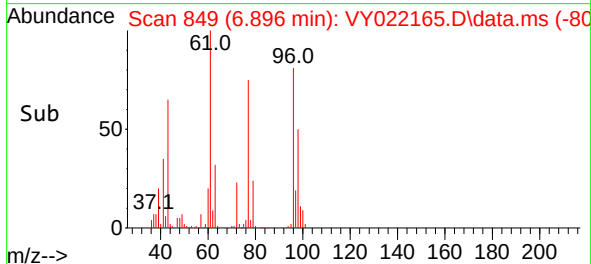
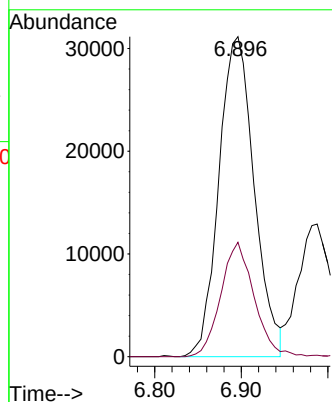
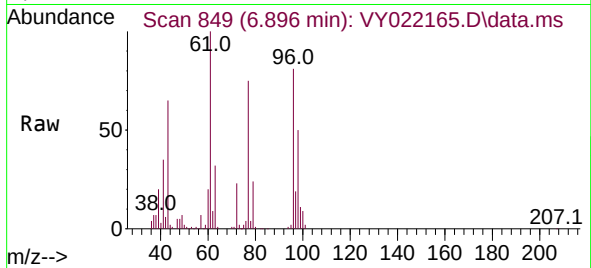




#25
2-Butanone
Concen: 248.638 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

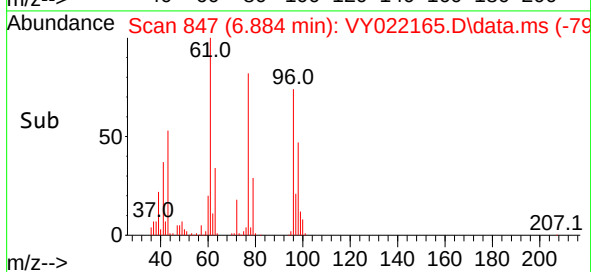
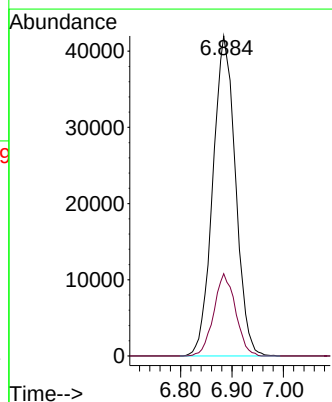
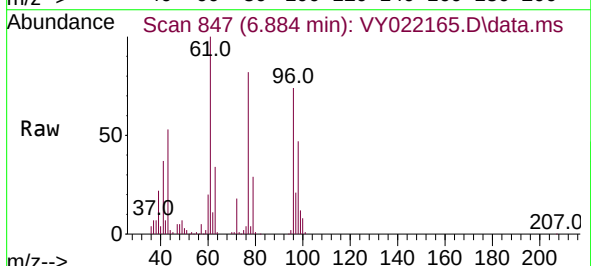
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MS

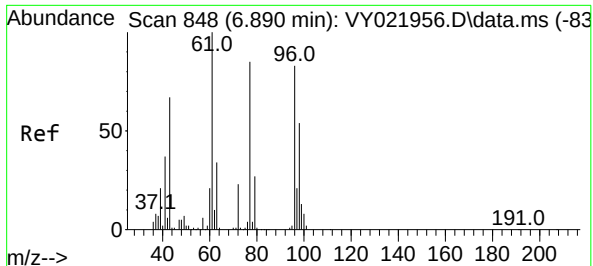
Tgt Ion: 43 Resp: 88333
Ion Ratio Lower Upper
43 100
72 35.7 27.0 40.4



#26
2,2-Dichloropropane
Concen: 48.744 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion: 77 Resp: 128714
Ion Ratio Lower Upper
77 100
97 24.7 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 53.805 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

SB2-4-5MS

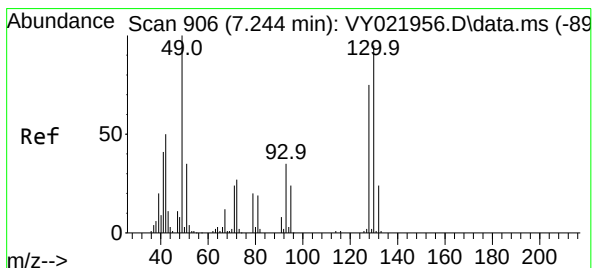
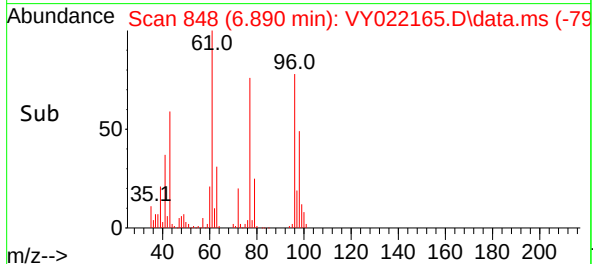
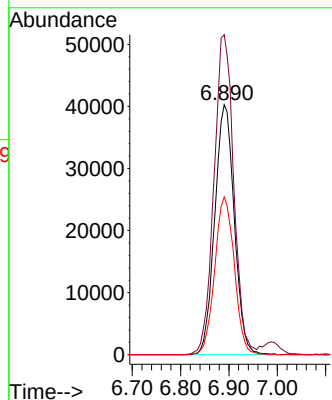
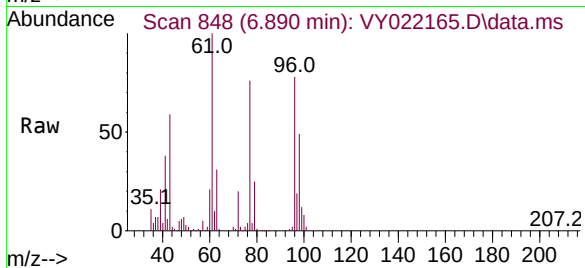
Tgt Ion: 96 Resp: 113018

Ion Ratio Lower Upper

96 100

61 129.5 0.0 251.4

98 63.2 0.0 128.4



#28

Bromochloromethane

Concen: 59.800 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

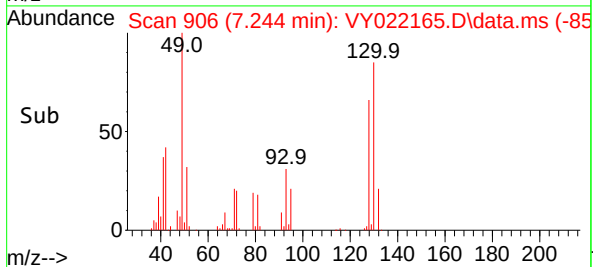
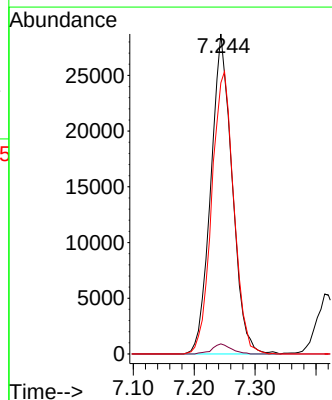
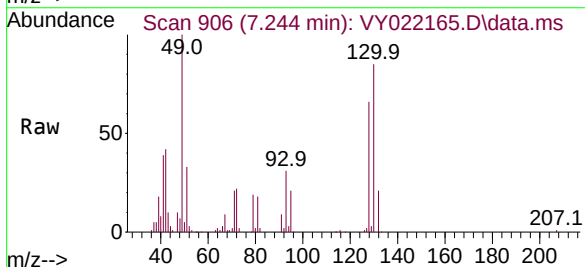
Tgt Ion: 49 Resp: 69980

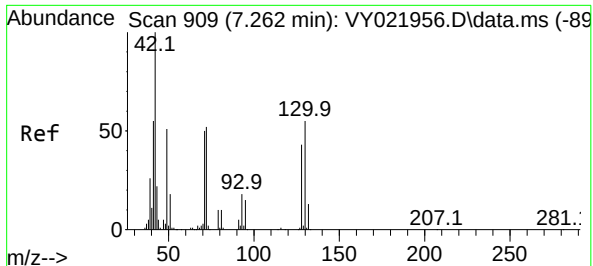
Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.0

130 90.9 78.2 117.4





#29

Tetrahydrofuran

Concen: 256.401 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

SB2-4-5MS

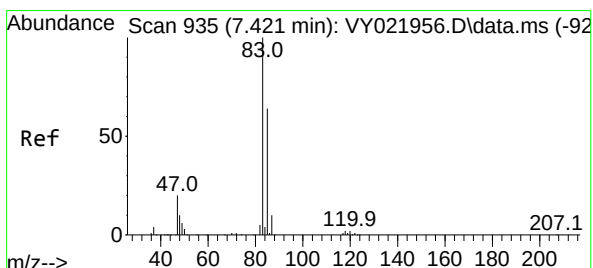
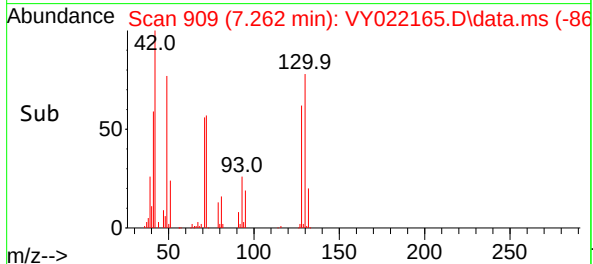
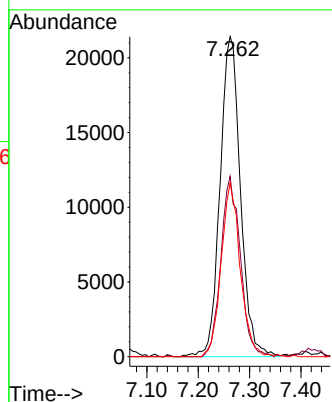
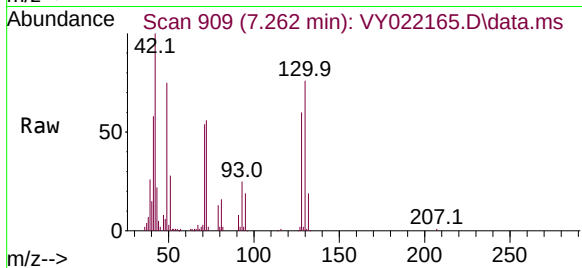
Tgt Ion: 42 Resp: 59162

Ion Ratio Lower Upper

42 100

72 53.8 42.6 63.8

71 50.7 40.6 61.0



#30

Chloroform

Concen: 55.503 ug/l

RT: 7.420 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022165.D

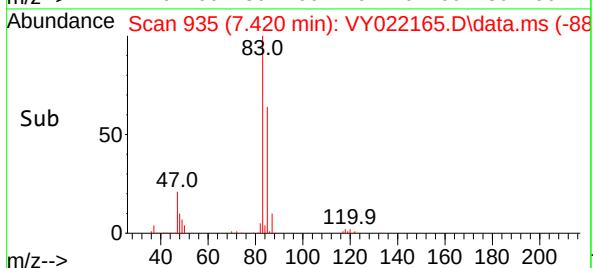
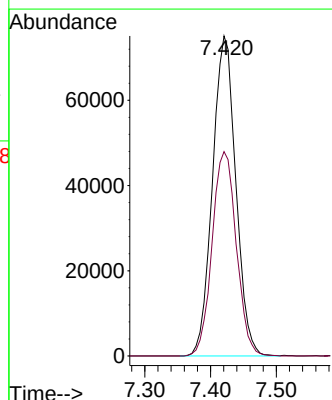
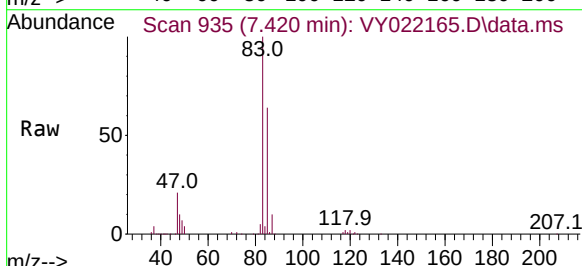
Acq: 05 May 2025 17:28

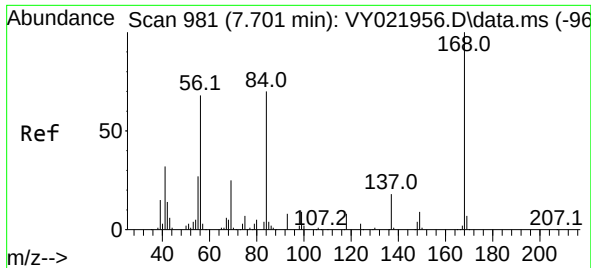
Tgt Ion: 83 Resp: 185485

Ion Ratio Lower Upper

83 100

85 63.8 51.3 76.9

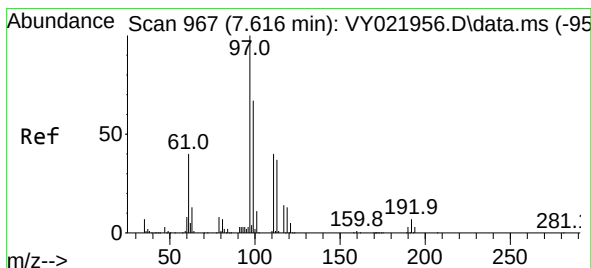
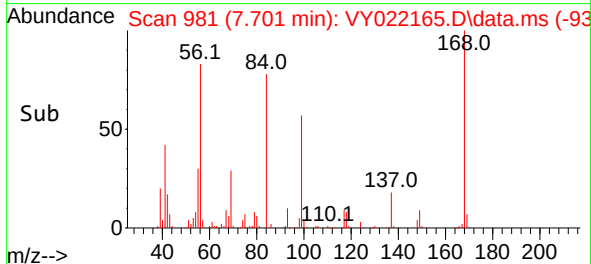
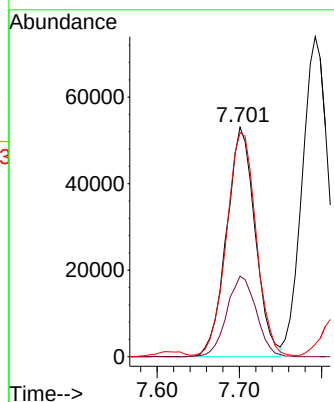
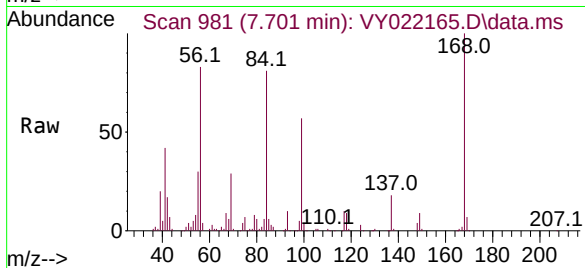




#31
Cyclohexane
Concen: 49.892 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

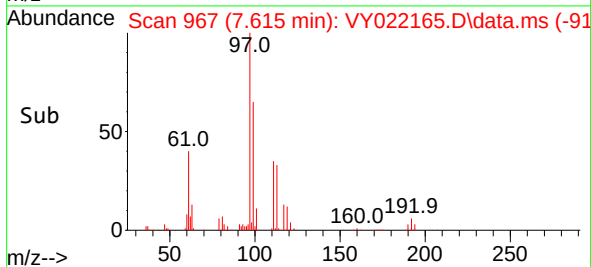
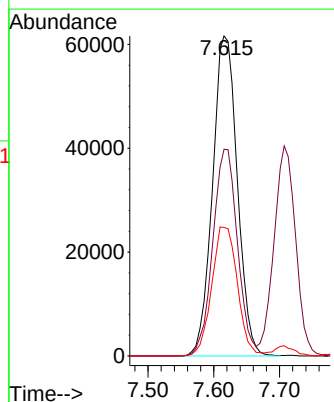
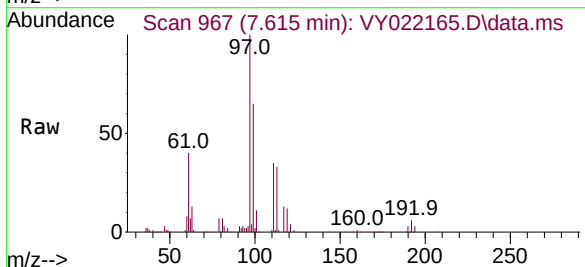
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MS

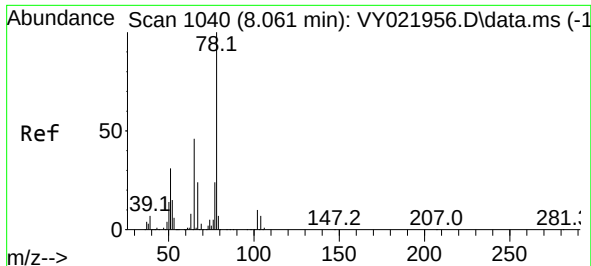
Tgt Ion: 56 Resp: 128542
Ion Ratio Lower Upper
56 100
69 35.1 29.4 44.2
84 95.6 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 53.468 ug/l
RT: 7.615 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion: 97 Resp: 161659
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 41.7 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 55.871 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

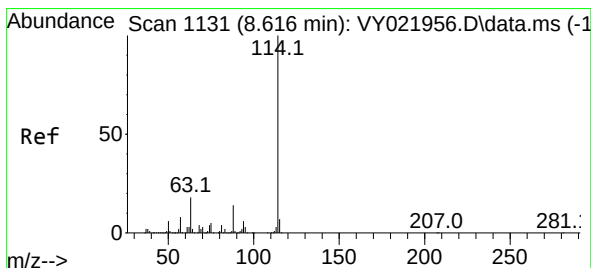
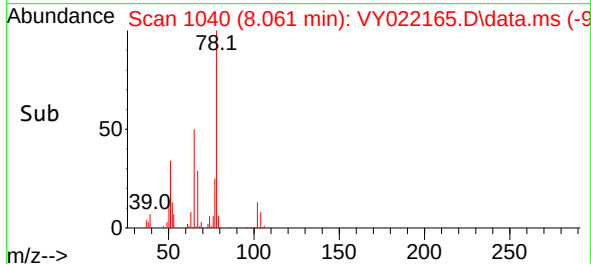
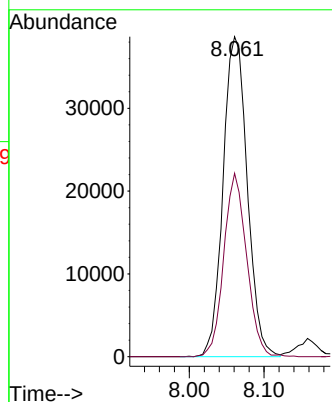
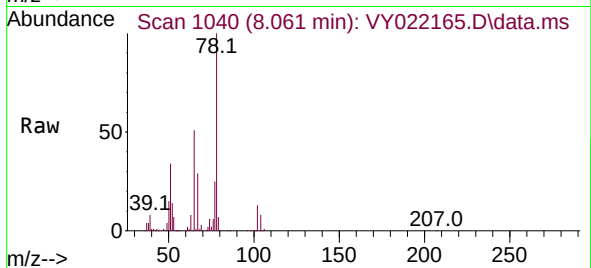
SB2-4-5MS

Tgt Ion: 65 Resp: 87078

Ion Ratio Lower Upper

65 100

67 54.2 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

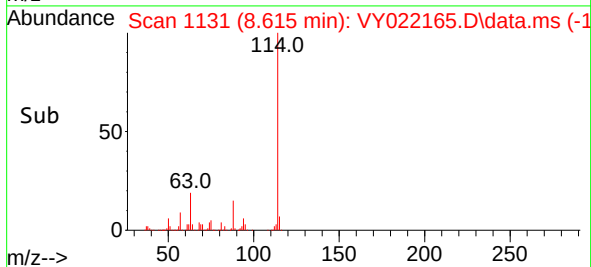
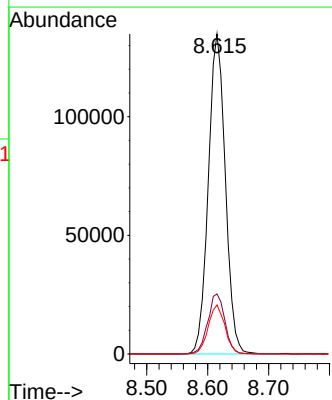
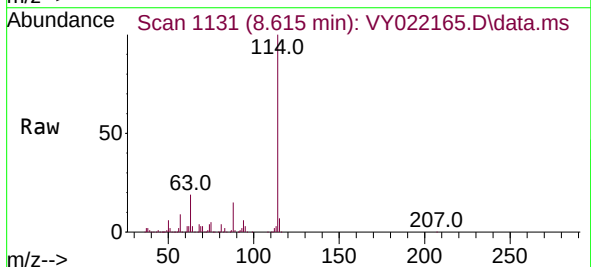
Tgt Ion:114 Resp: 261635

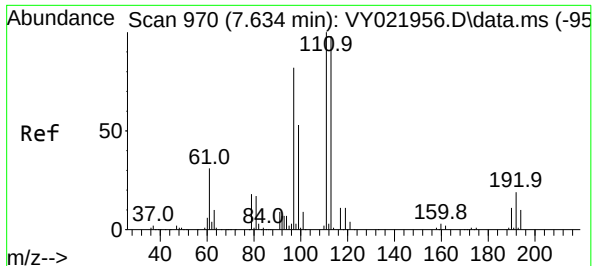
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.4

88 15.3 0.0 28.2

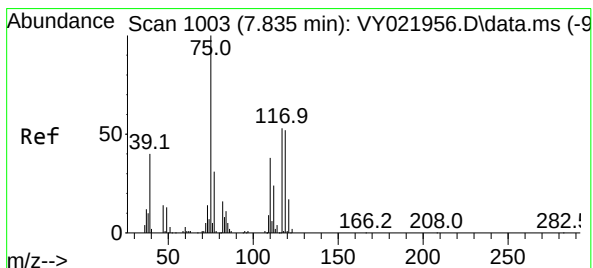
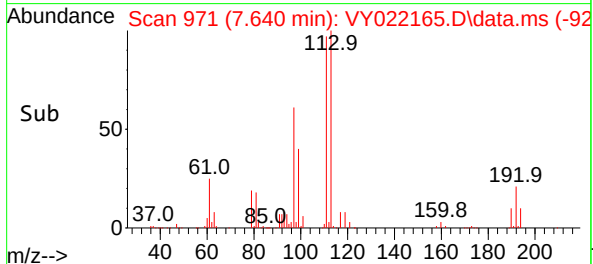
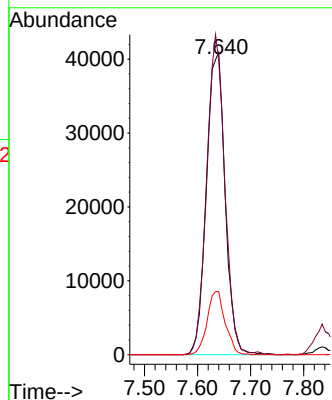
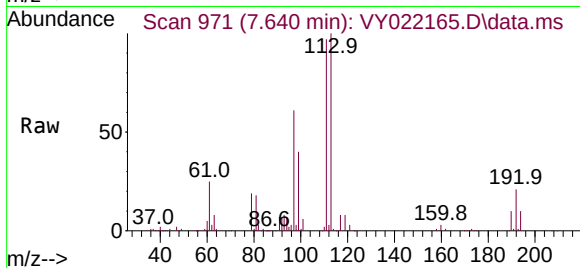




#35
Dibromofluoromethane
Concen: 58.050 ug/l
RT: 7.640 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

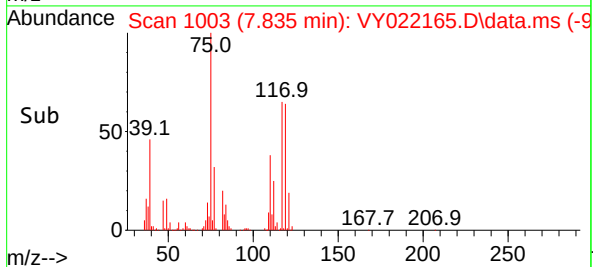
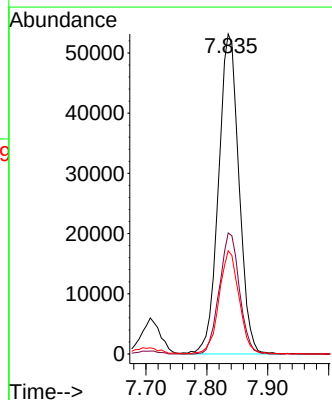
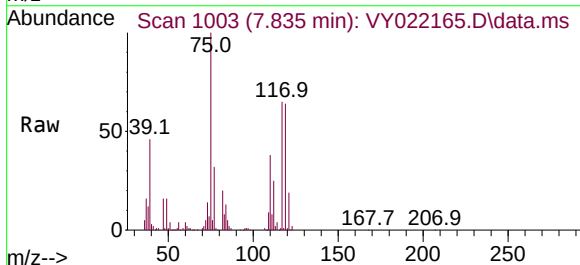
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MS

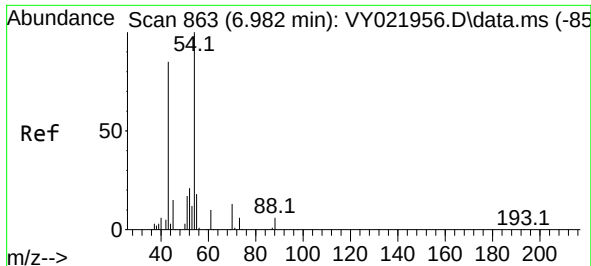
Tgt Ion:113 Resp: 100339
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.8
192 20.2 15.6 23.4



#36
1,1-Dichloropropene
Concen: 53.355 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion: 75 Resp: 123882
Ion Ratio Lower Upper
75 100
110 37.0 19.1 57.3
77 31.7 25.5 38.3

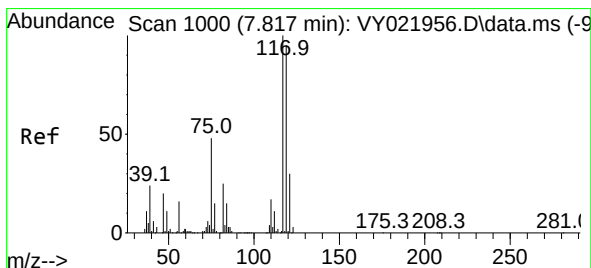
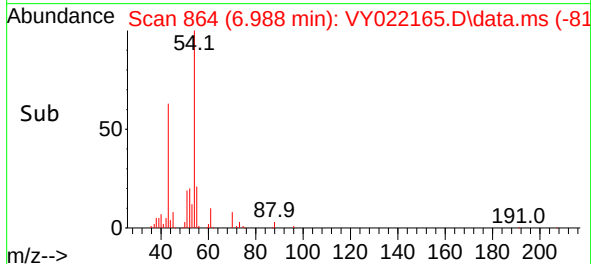
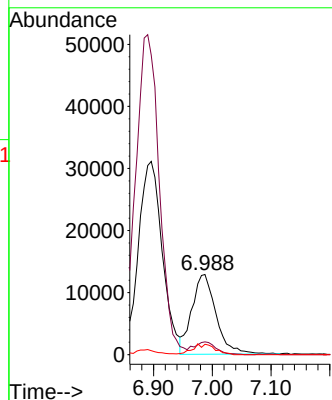
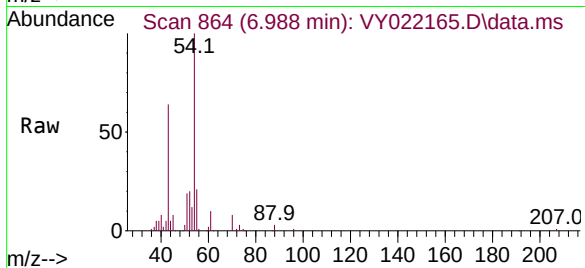




#37
Ethyl Acetate
Concen: 44.090 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

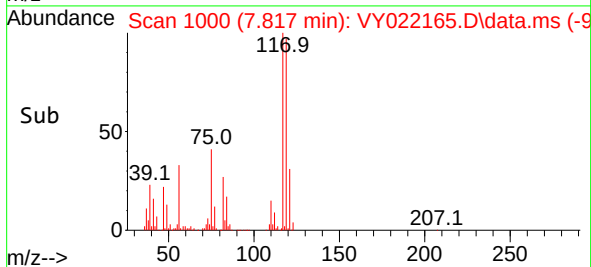
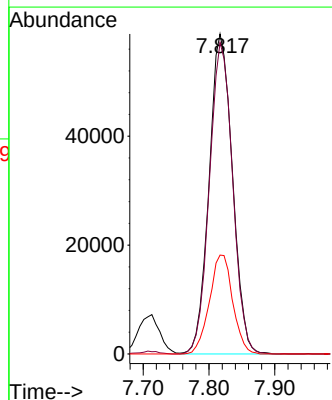
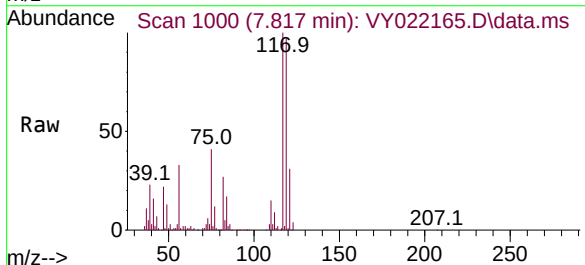
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MS

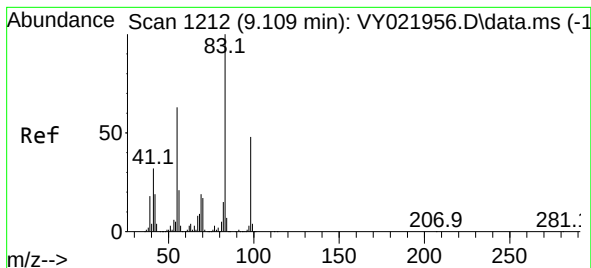
Tgt Ion:	43	Resp:	36766
Ion	Ratio	Lower	Upper
43	100		
61	14.6	13.8	20.6
70	12.3	9.2	13.8



#38
Carbon Tetrachloride
Concen: 52.441 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion:	117	Resp:	145495
Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.2	114.4
121	30.9	24.0	36.0





#39

Methylcyclohexane

Concen: 49.843 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

SB2-4-5MS

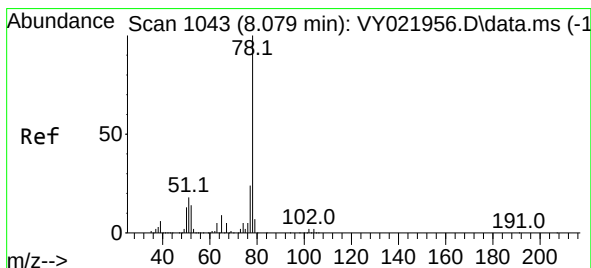
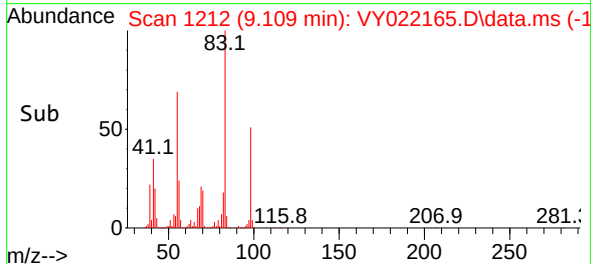
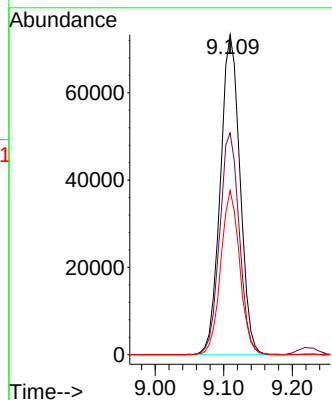
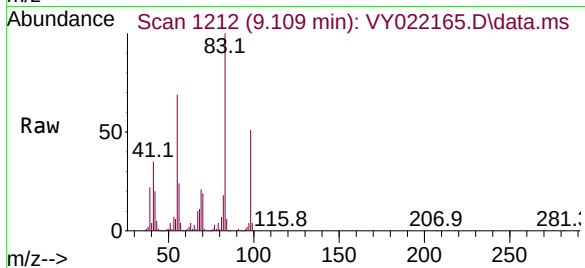
Tgt Ion: 83 Resp: 145637

Ion Ratio Lower Upper

83 100

55 69.3 50.6 75.8

98 51.3 38.6 58.0



#40

Benzene

Concen: 55.545 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022165.D

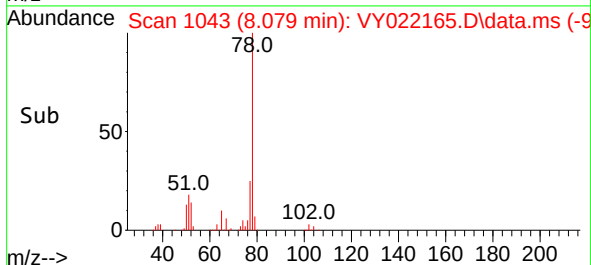
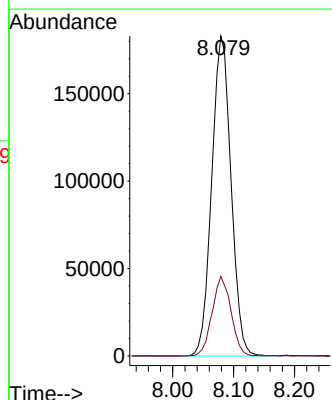
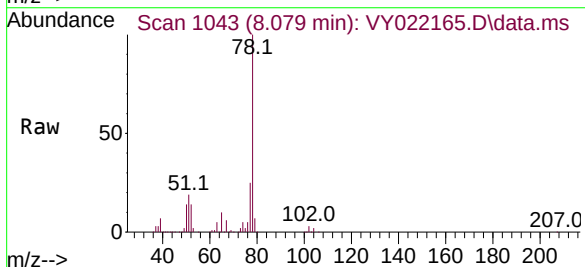
Acq: 05 May 2025 17:28

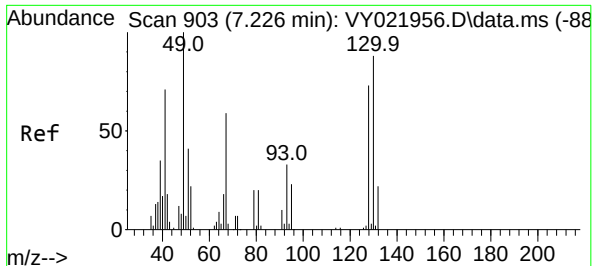
Tgt Ion: 78 Resp: 403142

Ion Ratio Lower Upper

78 100

77 24.9 19.3 28.9

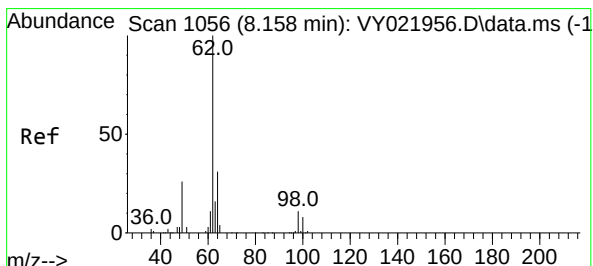
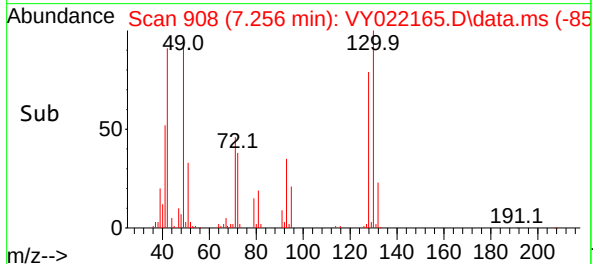
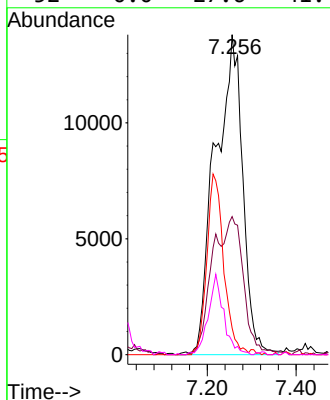
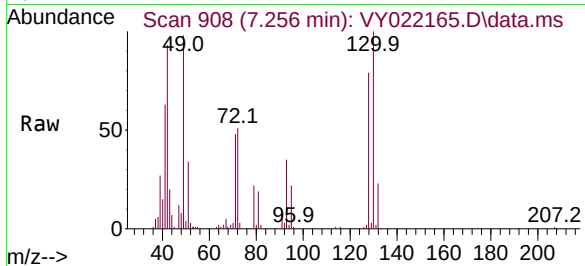




#41
Methacrylonitrile
Concen: 129.981 ug/l
RT: 7.256 min Scan# 903
Delta R.T. 0.030 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

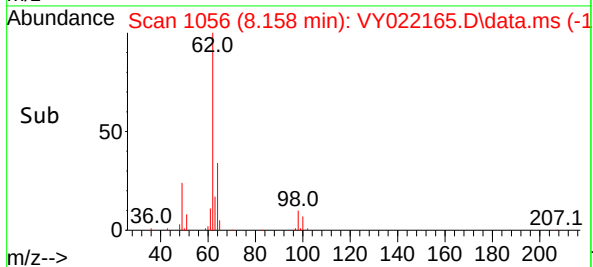
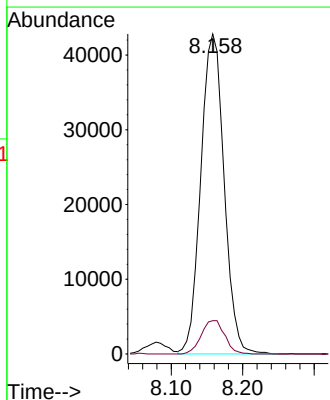
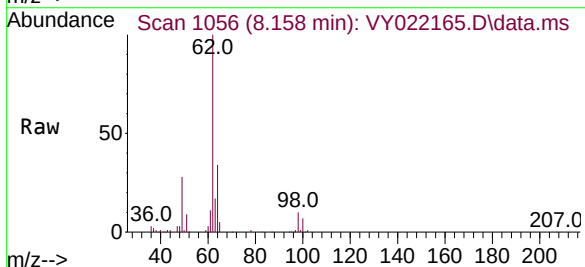
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MS

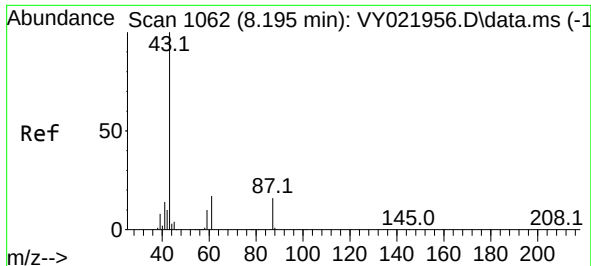
Tgt Ion: 41 Resp: 59252
Ion Ratio Lower Upper
41 100
39 0.0 36.6 55.0#
67 0.0 72.2 108.4#
52 0.0 27.6 41.4#



#42
1,2-Dichloroethane
Concen: 53.934 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion: 62 Resp: 96918
Ion Ratio Lower Upper
62 100
98 10.5 0.0 22.0

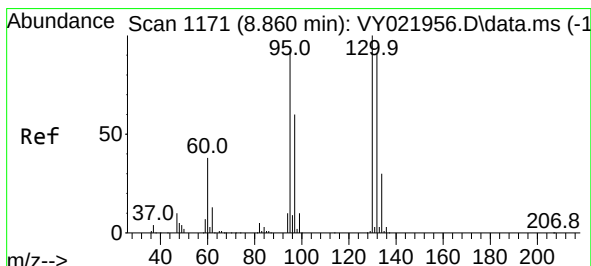
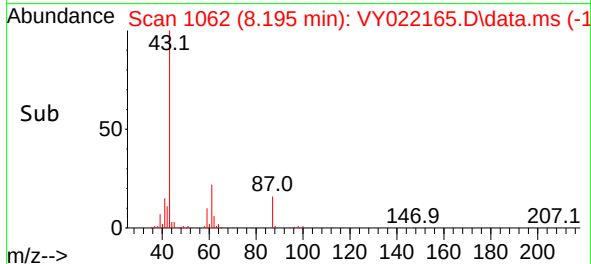
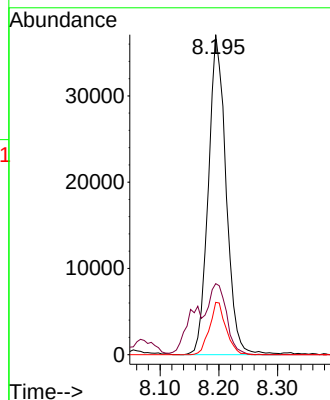
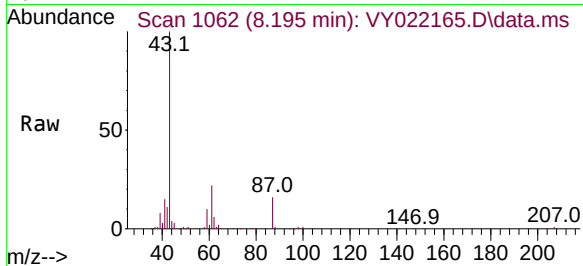




#43
Isopropyl Acetate
Concen: 48.441 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

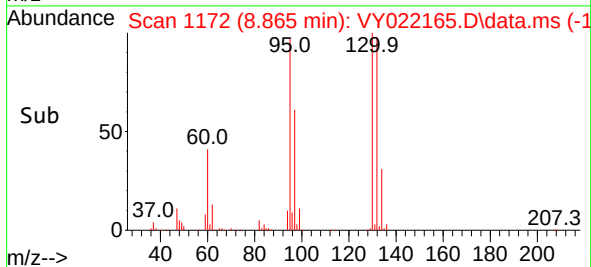
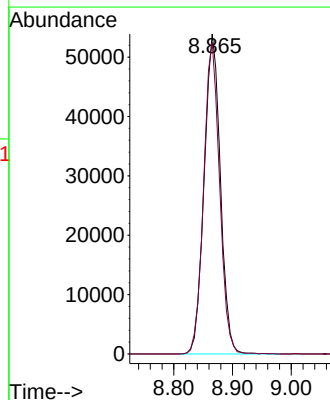
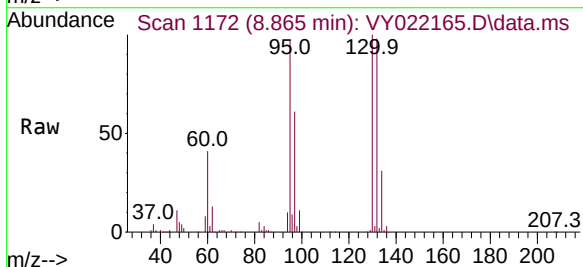
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MS

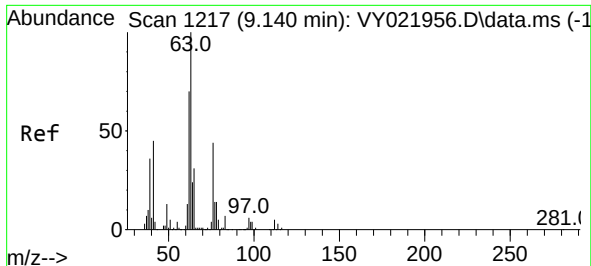
Tgt Ion: 43 Resp: 77574
Ion Ratio Lower Upper
43 100
61 23.9 18.9 28.3
87 15.2 13.7 20.5



#44
Trichloroethene
Concen: 51.368 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion:130 Resp: 103268
Ion Ratio Lower Upper
130 100
95 97.4 0.0 183.2





#45

1,2-Dichloropropane

Concen: 56.934 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

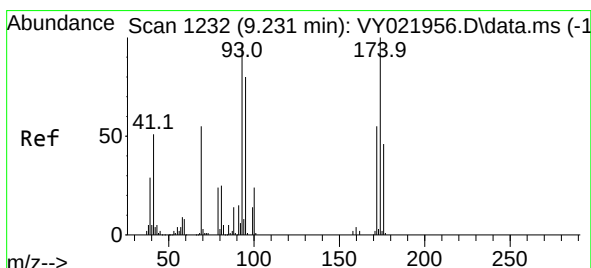
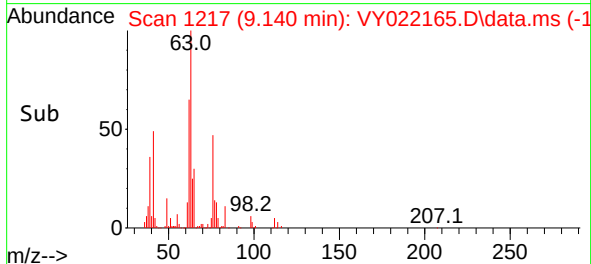
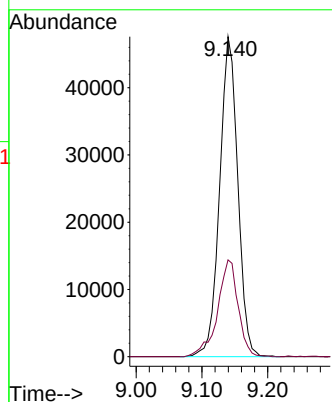
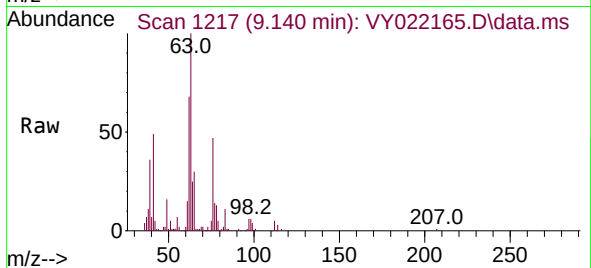
SB2-4-5MS

Tgt Ion: 63 Resp: 91383

Ion Ratio Lower Upper

63 100

65 30.3 25.2 37.8



#46

Dibromomethane

Concen: 51.378 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

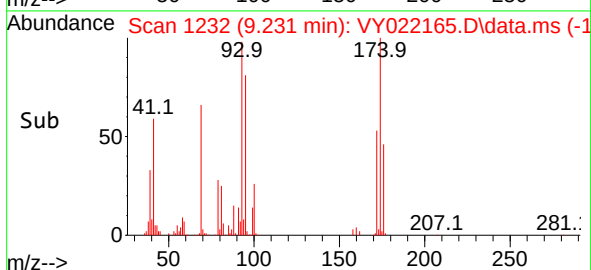
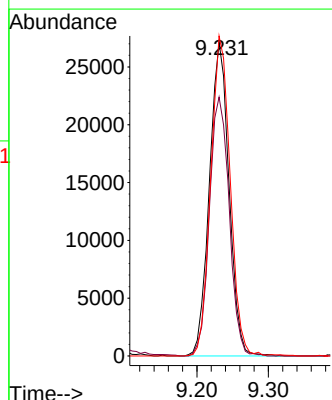
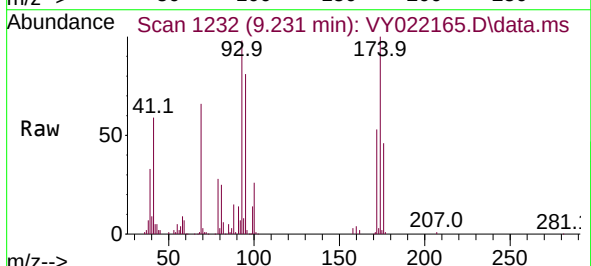
Tgt Ion: 93 Resp: 51622

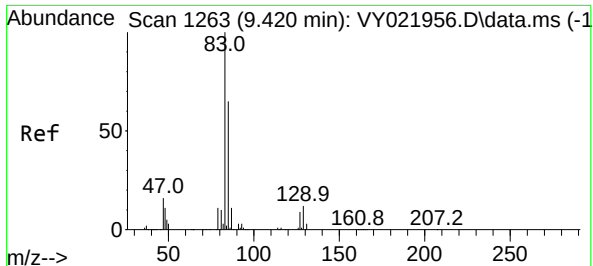
Ion Ratio Lower Upper

93 100

95 83.2 66.7 100.1

174 101.4 84.6 127.0

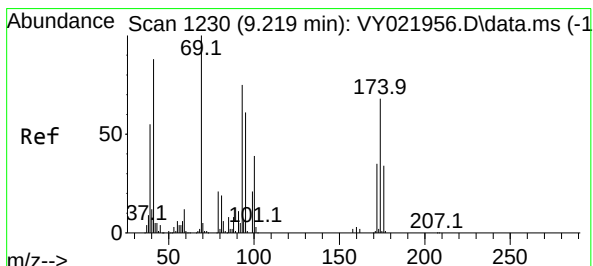
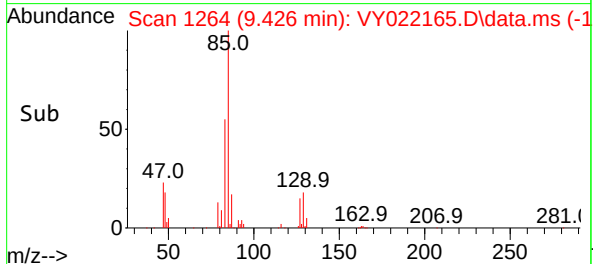
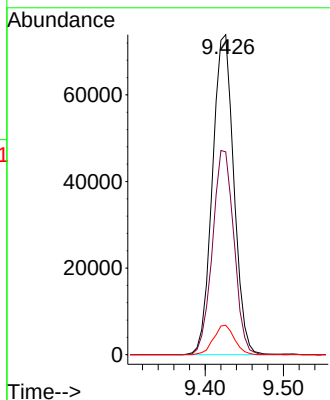
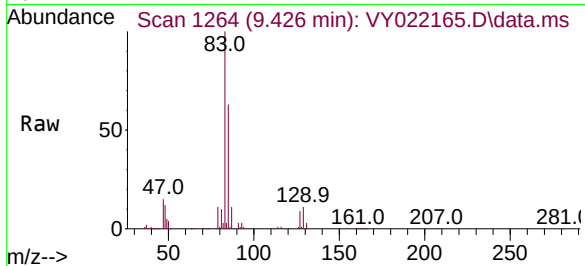




#47
 Bromodichloromethane
 Concen: 55.888 ug/l
 RT: 9.426 min Scan# 1263
 Delta R.T. 0.006 min
 Lab File: VY022165.D
 Acq: 05 May 2025 17:28

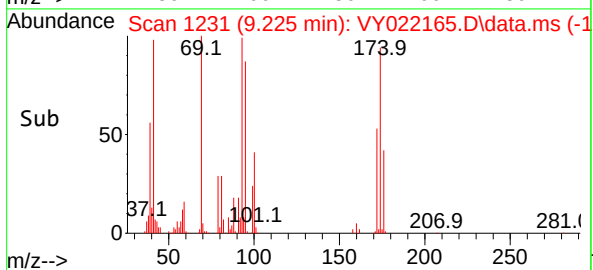
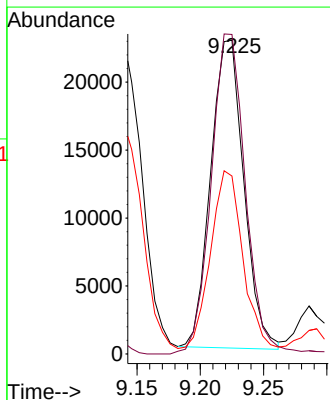
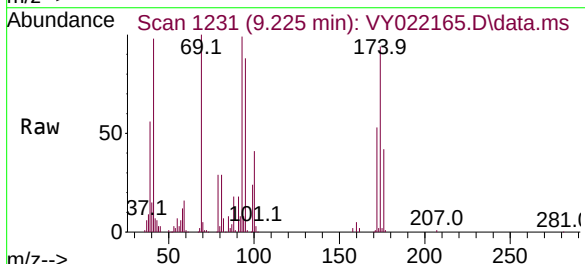
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB2-4-5MS

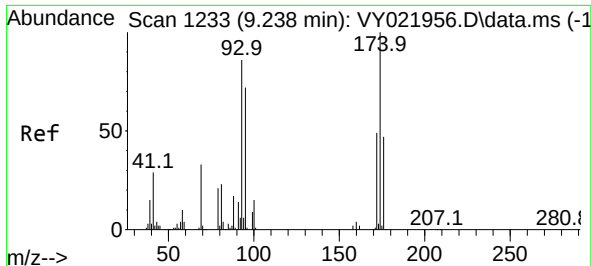
Tgt Ion: 83 Resp: 140280
 Ion Ratio Lower Upper
 83 100
 85 63.4 51.8 77.8
 127 9.2 7.0 10.6



#48
 Methyl methacrylate
 Concen: 55.760 ug/l
 RT: 9.225 min Scan# 1231
 Delta R.T. 0.006 min
 Lab File: VY022165.D
 Acq: 05 May 2025 17:28

Tgt Ion: 41 Resp: 41280
 Ion Ratio Lower Upper
 41 100
 69 107.6 85.5 128.3
 39 56.5 46.2 69.4





#49

1,4-Dioxane

Concen: 894.009 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.013 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

SB2-4-5MS

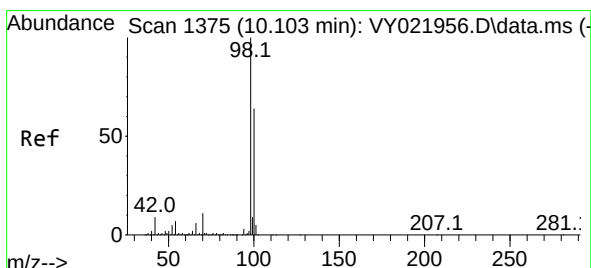
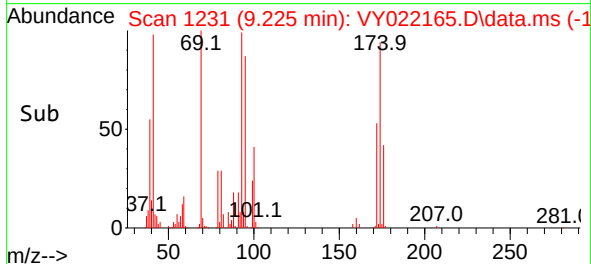
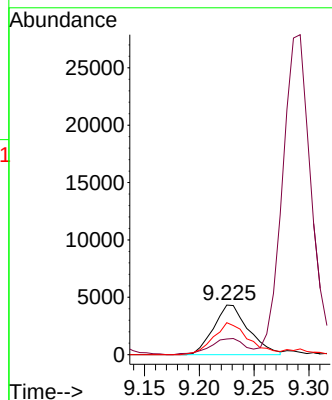
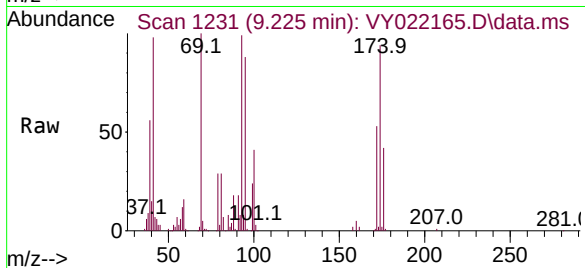
Tgt Ion: 88 Resp: 9574

Ion Ratio Lower Upper

88 100

43 32.2 21.3 31.9#

58 64.9 50.5 75.7



#50

Toluene-d8

Concen: 60.770 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022165.D

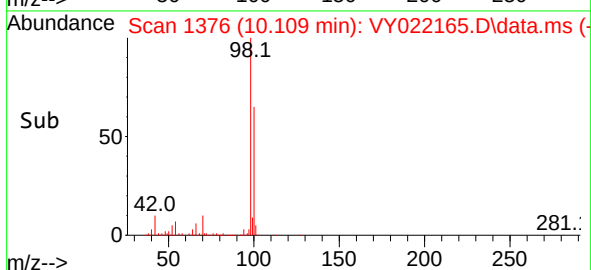
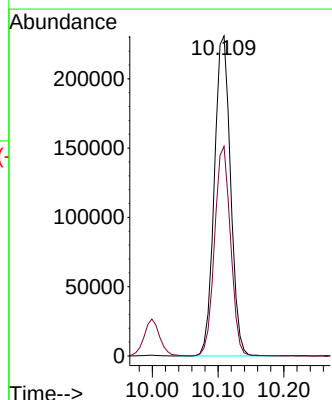
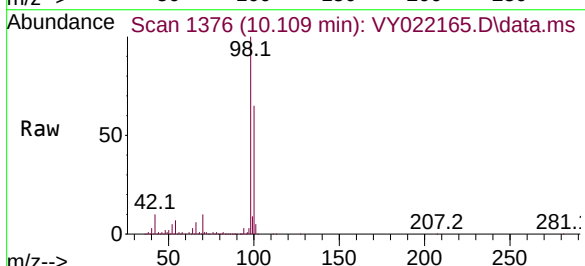
Acq: 05 May 2025 17:28

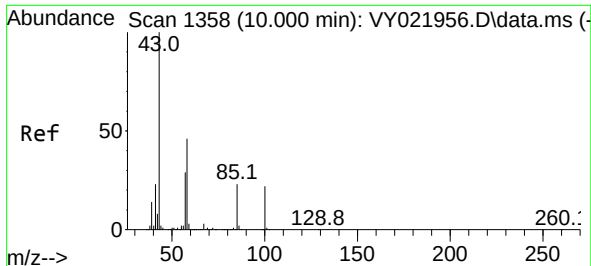
Tgt Ion: 98 Resp: 396003

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4

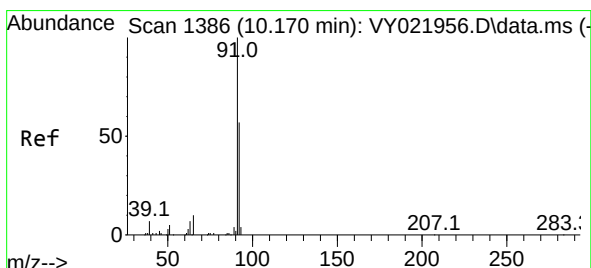
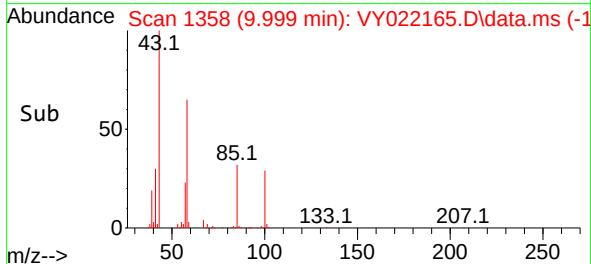
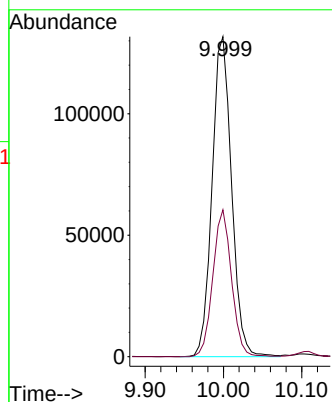
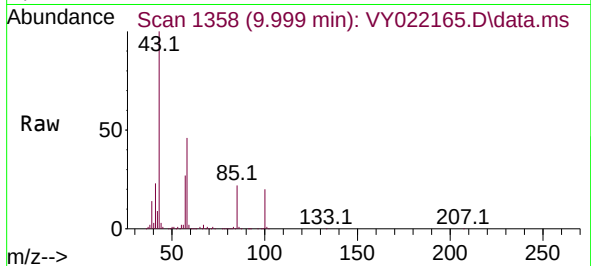




#51
4-Methyl-2-Pentanone
Concen: 271.167 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

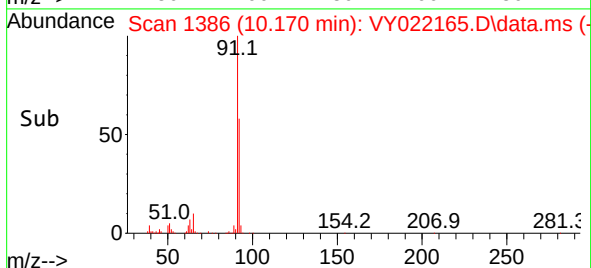
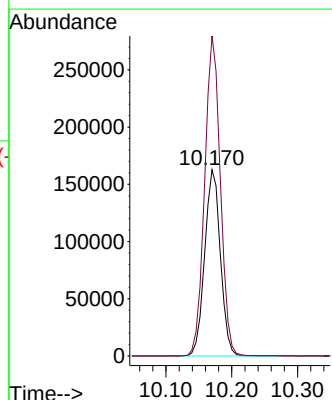
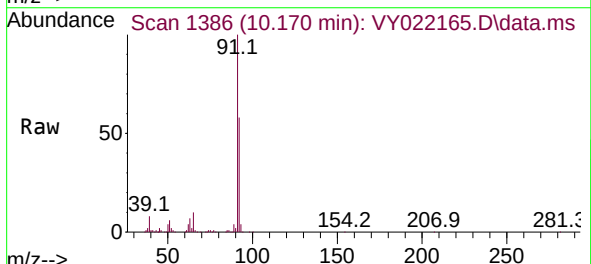
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MS

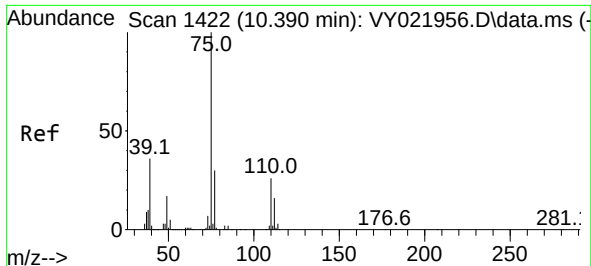
Tgt Ion: 43 Resp: 227640
Ion Ratio Lower Upper
43 100
58 44.0 36.6 55.0



#52
Toluene
Concen: 57.566 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion: 92 Resp: 270455
Ion Ratio Lower Upper
92 100
91 171.5 138.6 207.8

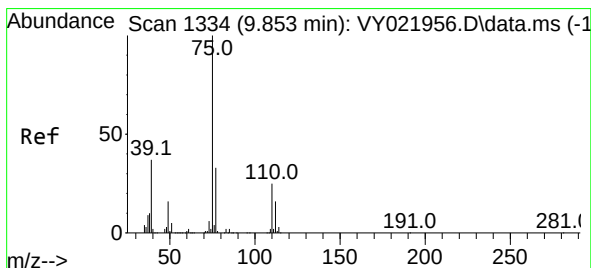
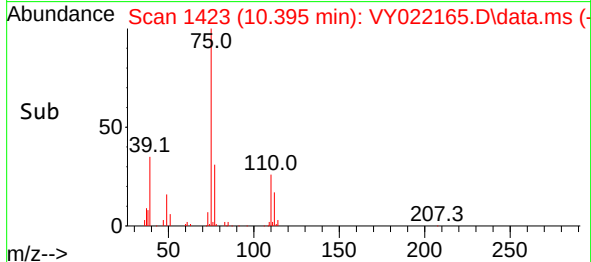
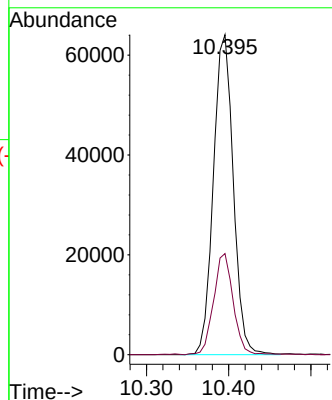
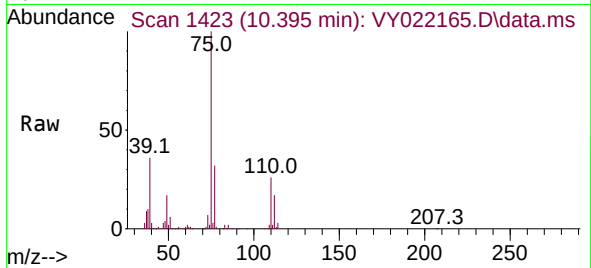




#53
 t-1,3-Dichloropropene
 Concen: 50.078 ug/l
 RT: 10.395 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022165.D
 Acq: 05 May 2025 17:28

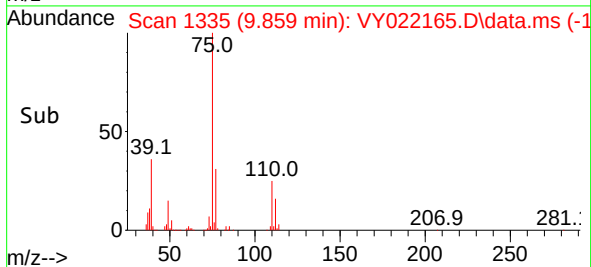
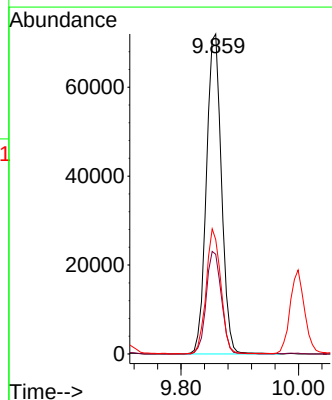
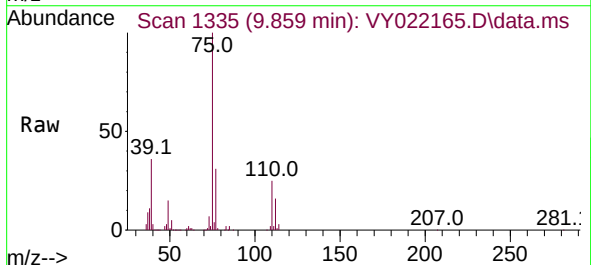
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB2-4-5MS

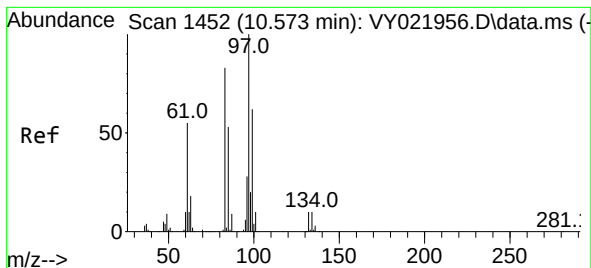
Tgt Ion: 75 Resp: 107817
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 50.119 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY022165.D
 Acq: 05 May 2025 17:28

Tgt Ion: 75 Resp: 128269
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.6 40.0
 39 35.7 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 52.830 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

SB2-4-5MS

Tgt Ion: 97 Resp: 70904

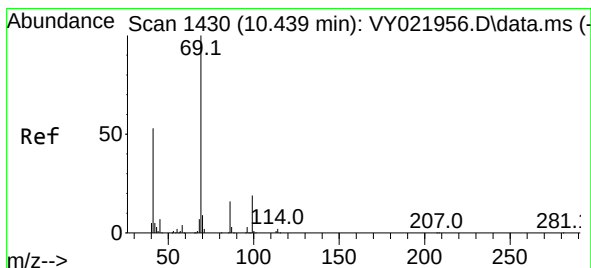
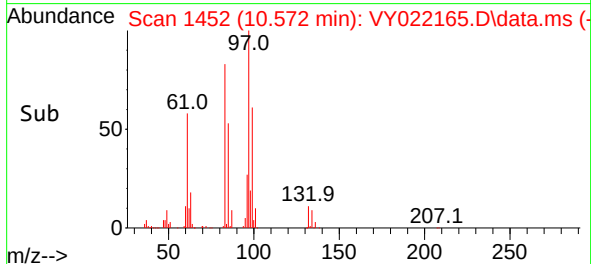
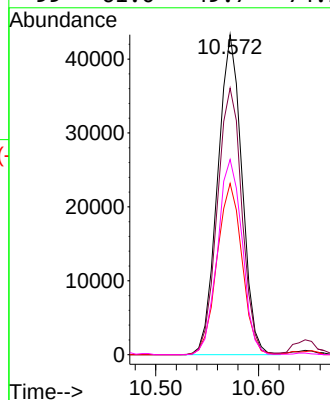
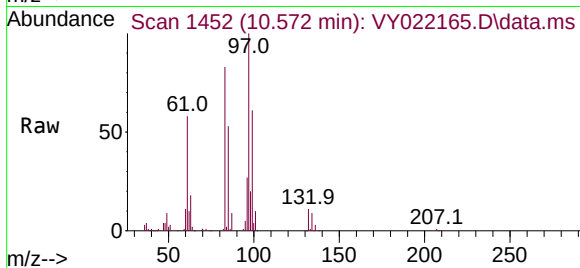
Ion Ratio Lower Upper

97 100

83 83.3 66.7 100.1

85 53.5 42.6 64.0

99 61.0 49.7 74.5



#56

Ethyl methacrylate

Concen: 44.183 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

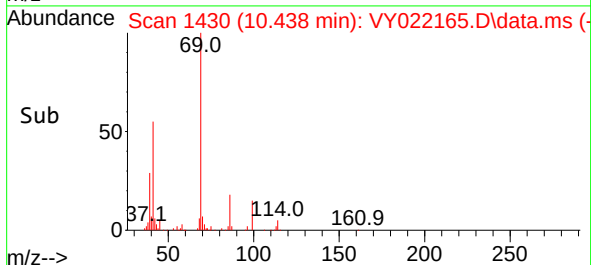
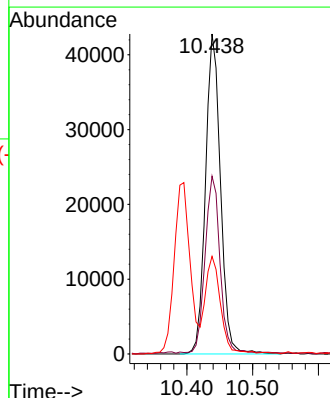
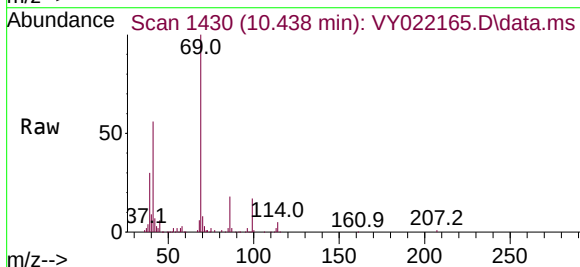
Tgt Ion: 69 Resp: 67812

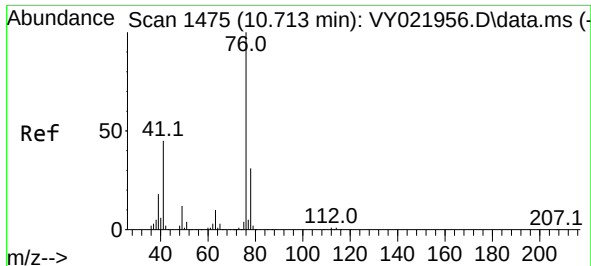
Ion Ratio Lower Upper

69 100

41 55.2 40.7 61.1

39 29.6 23.3 34.9





#57

1,3-Dichloropropane

Concen: 54.041 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

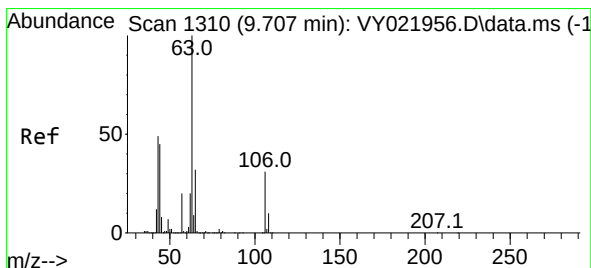
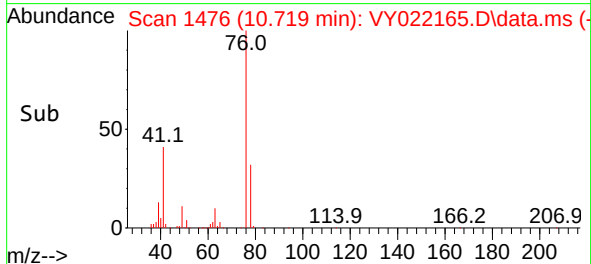
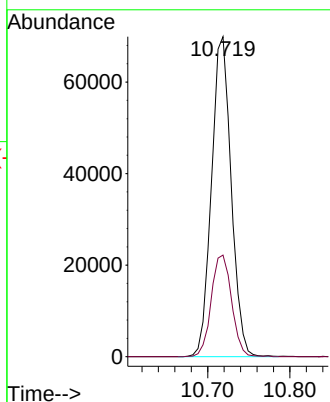
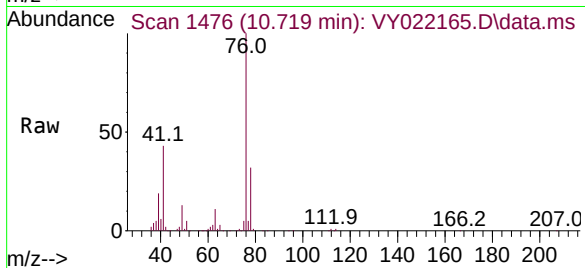
SB2-4-5MS

Tgt Ion: 76 Resp: 116274

Ion Ratio Lower Upper

76 100

78 32.9 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 245.686 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022165.D

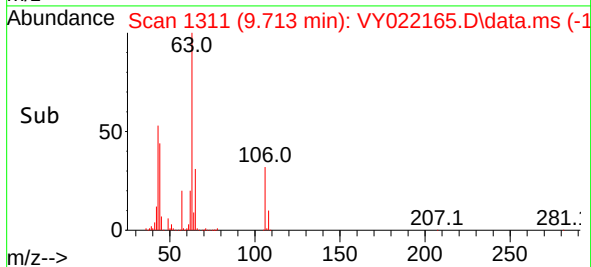
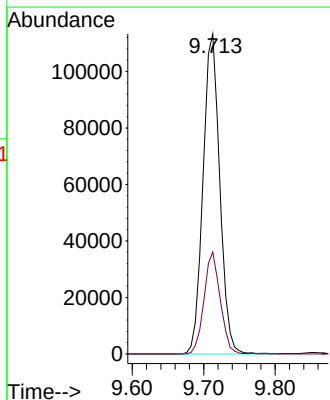
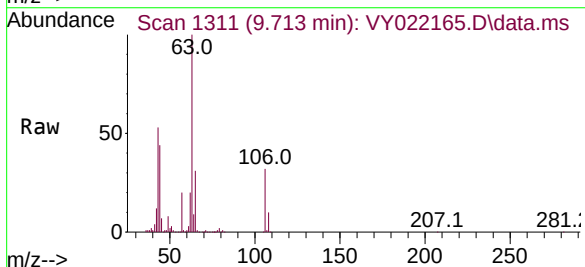
Acq: 05 May 2025 17:28

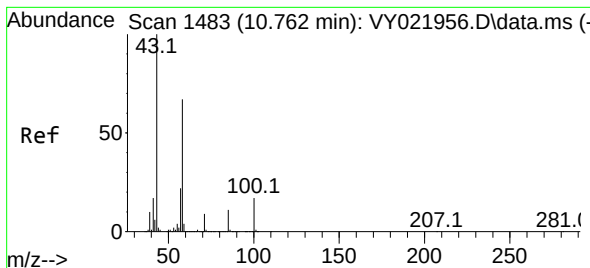
Tgt Ion: 63 Resp: 184366

Ion Ratio Lower Upper

63 100

106 30.8 25.3 37.9

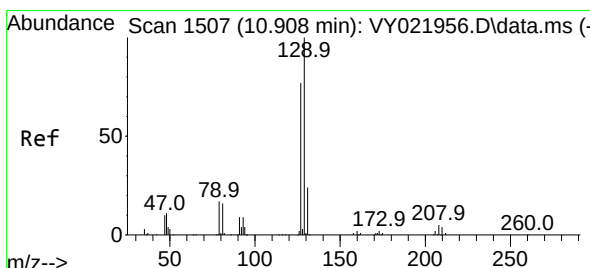
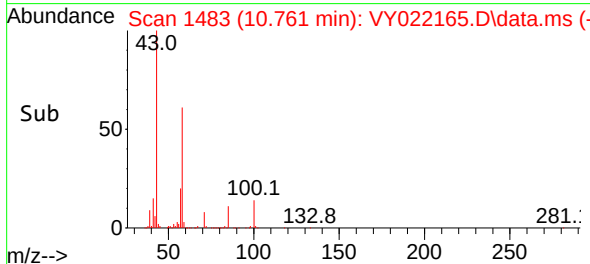
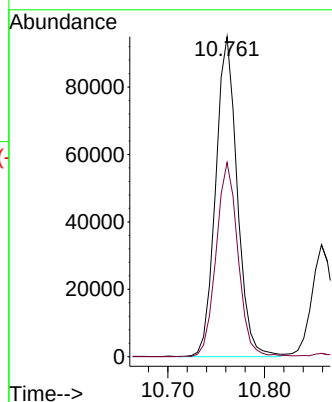
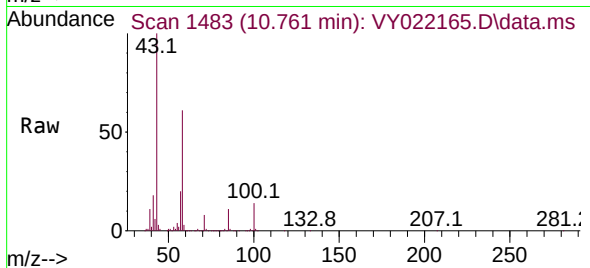




#59
2-Hexanone
Concen: 265.529 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

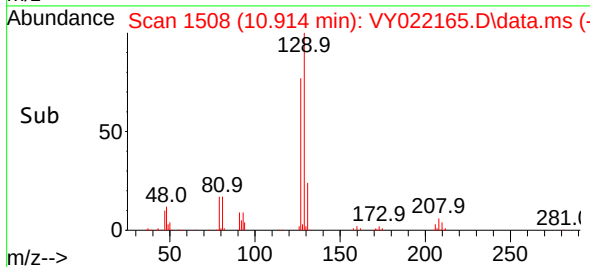
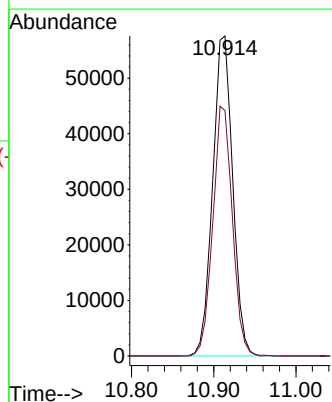
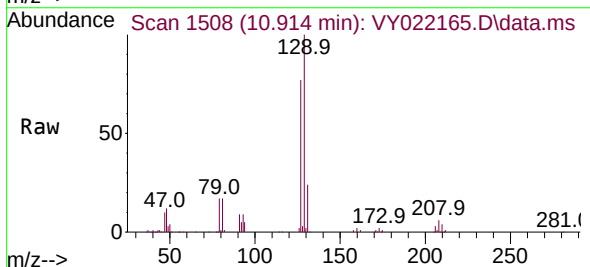
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MS

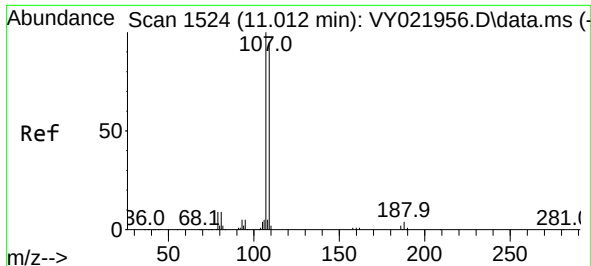
Tgt Ion: 43 Resp: 147026
Ion Ratio Lower Upper
43 100
58 61.5 32.0 96.0



#60
Dibromochloromethane
Concen: 52.375 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion:129 Resp: 97320
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.3

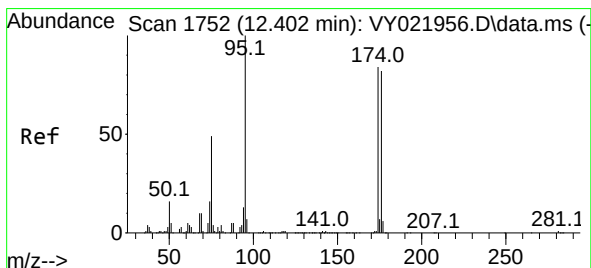
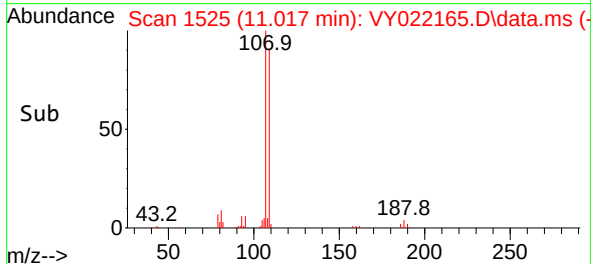
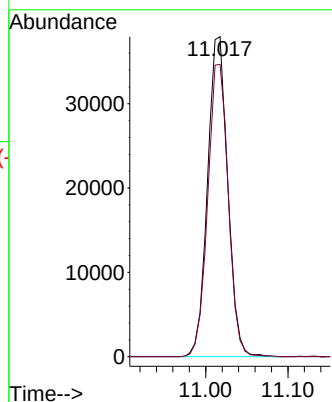
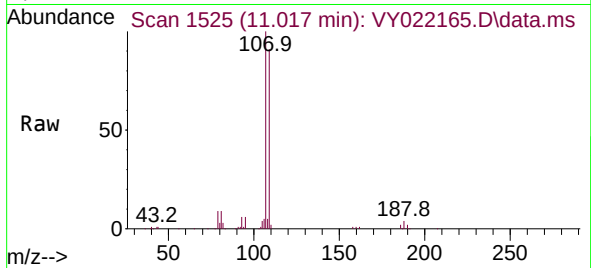




#61
1,2-Dibromoethane
Concen: 51.000 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

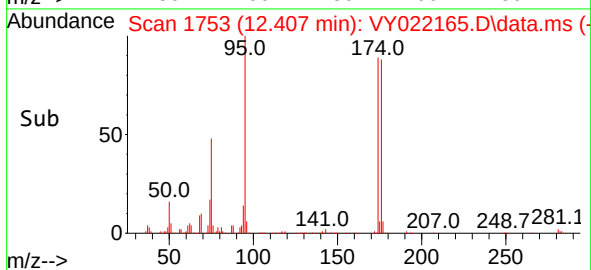
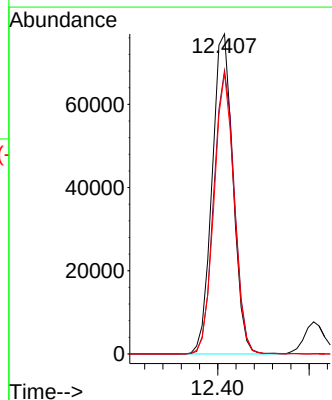
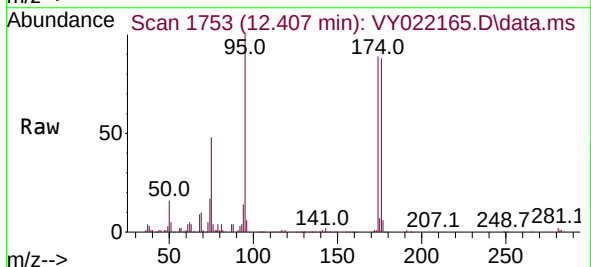
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MS

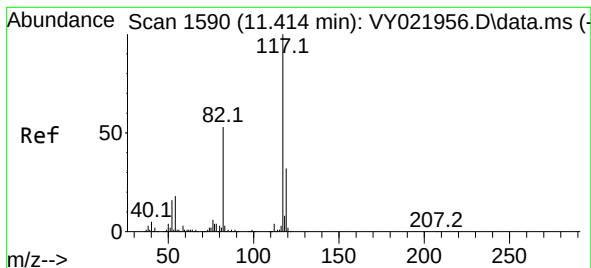
Tgt Ion:107 Resp: 64620
Ion Ratio Lower Upper
107 100
109 93.2 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 55.559 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion: 95 Resp: 121880
Ion Ratio Lower Upper
95 100
174 87.8 0.0 179.0
176 84.7 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

SB2-4-5MS

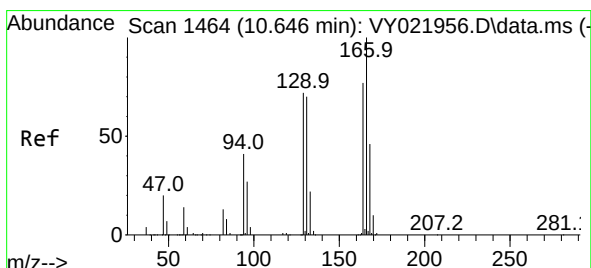
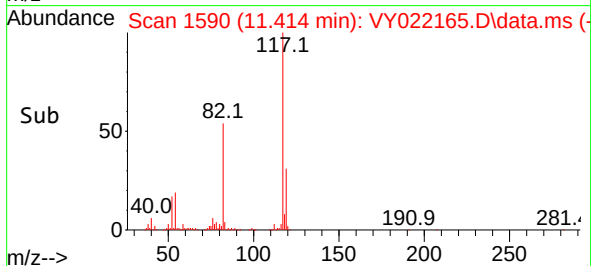
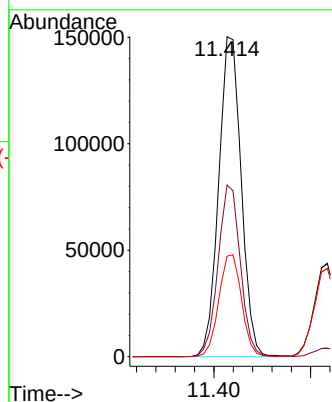
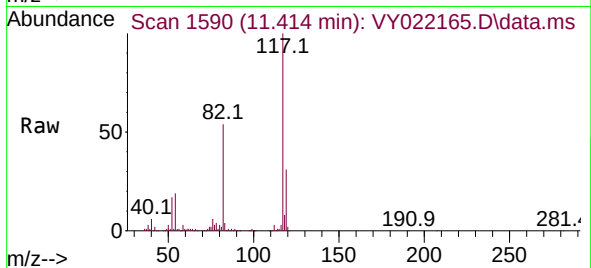
Tgt Ion:117 Resp: 242756

Ion Ratio Lower Upper

117 100

82 53.6 42.1 63.1

119 31.4 25.7 38.5



#64

Tetrachloroethene

Concen: 52.363 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

Tgt Ion:164 Resp: 119916

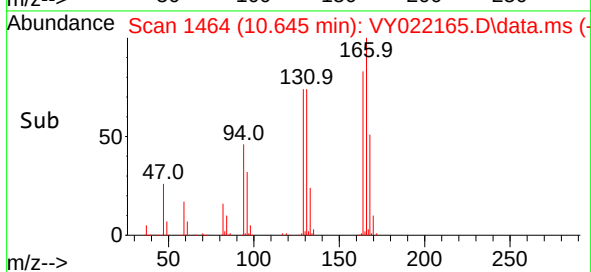
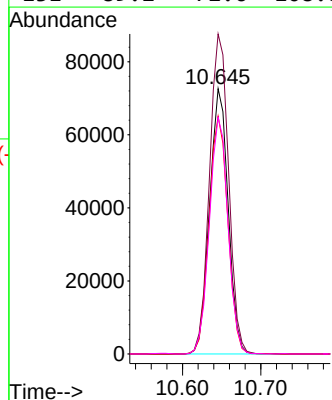
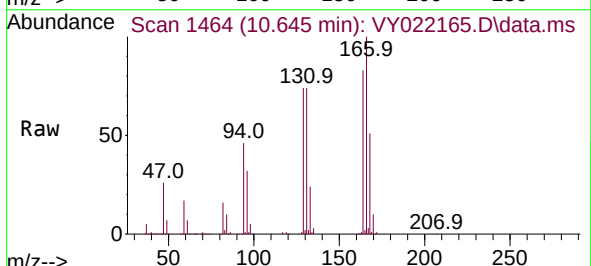
Ion Ratio Lower Upper

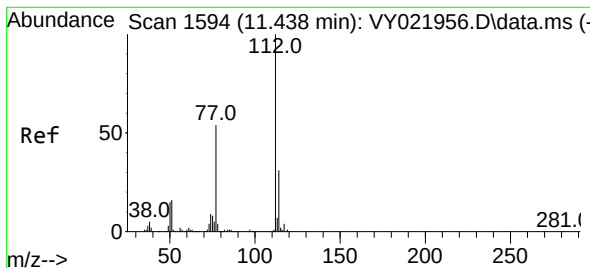
164 100

166 120.7 103.6 155.4

129 89.6 74.2 111.4

131 89.2 72.6 108.8





#65

Chlorobenzene

Concen: 51.271 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

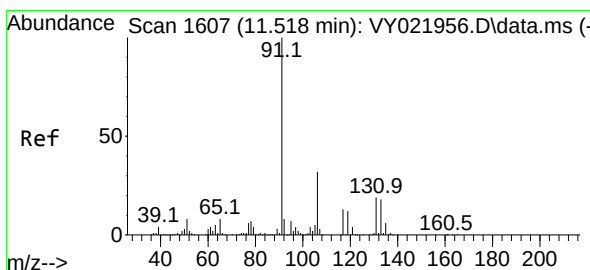
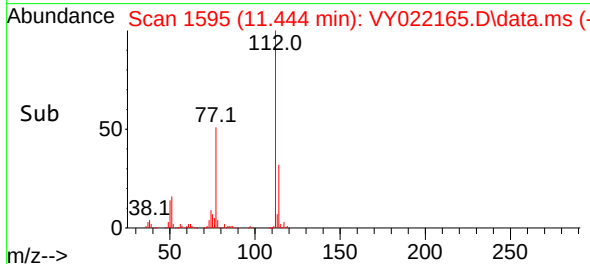
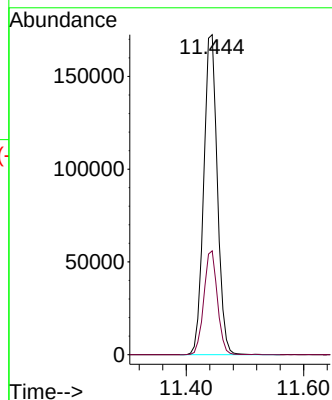
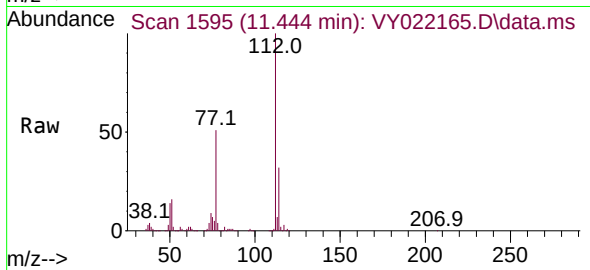
SB2-4-5MS

Tgt Ion:112 Resp: 278330

Ion Ratio Lower Upper

112 100

114 32.5 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 53.580 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

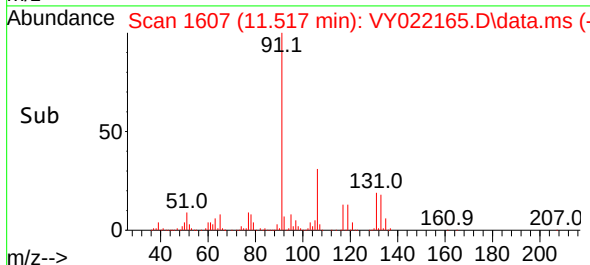
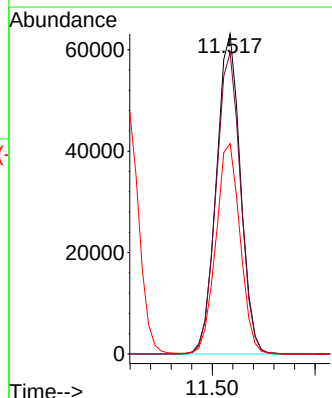
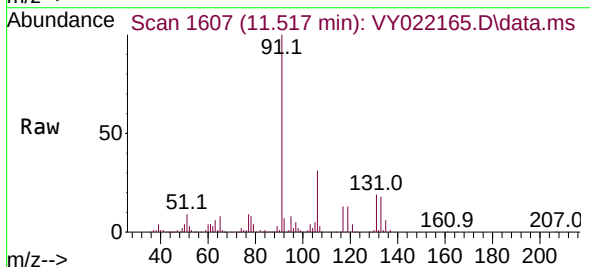
Tgt Ion:131 Resp: 102401

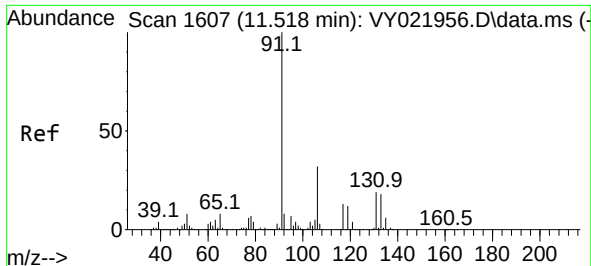
Ion Ratio Lower Upper

131 100

133 95.7 47.8 143.3

119 66.4 32.4 97.0

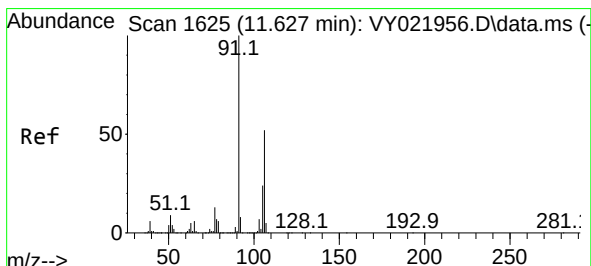
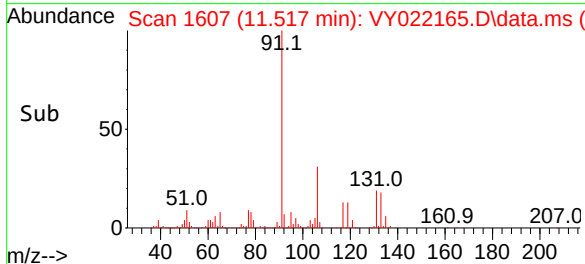
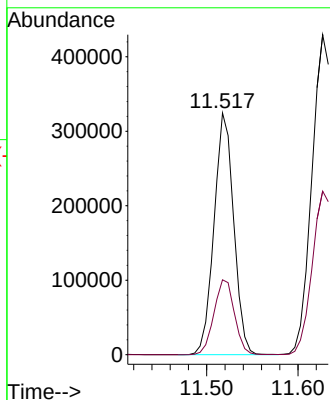
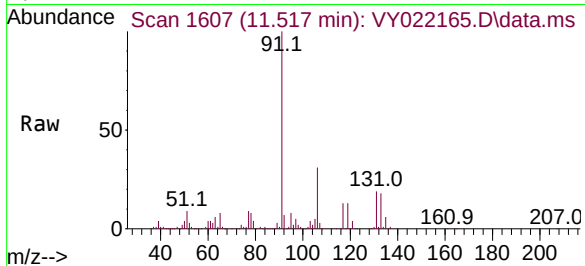




#67
Ethyl Benzene
Concen: 54.688 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

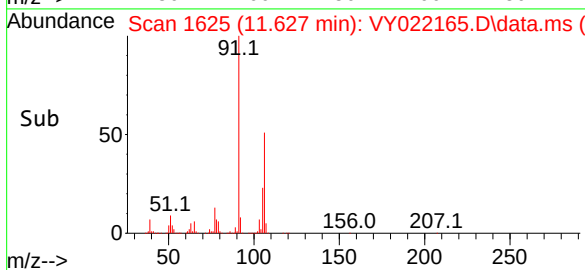
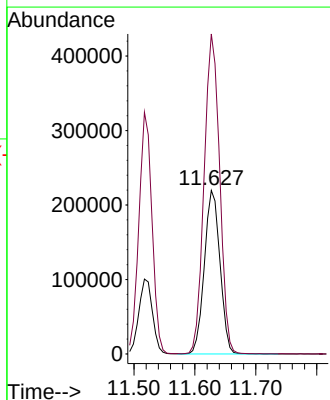
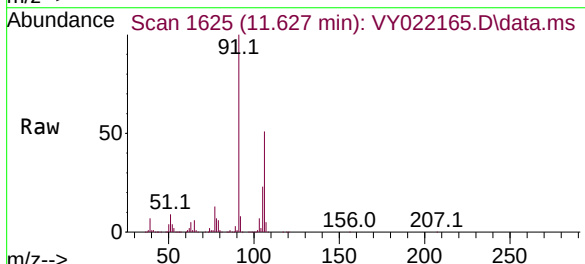
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MS

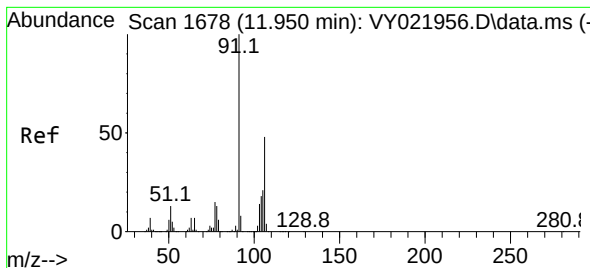
Tgt Ion: 91 Resp: 485649
Ion Ratio Lower Upper
91 100
106 31.0 25.9 38.9



#68
m/p-Xylenes
Concen: 110.669 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion: 106 Resp: 391072
Ion Ratio Lower Upper
106 100
91 194.7 156.2 234.2





#69

o-Xylene

Concen: 54.246 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

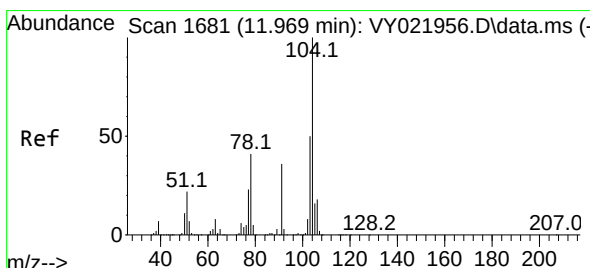
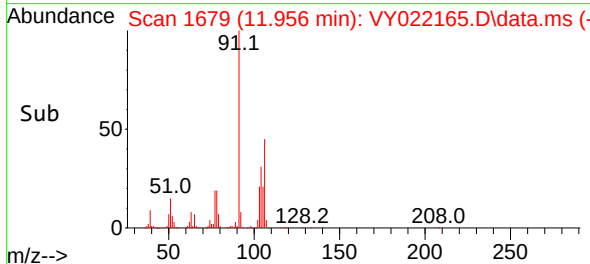
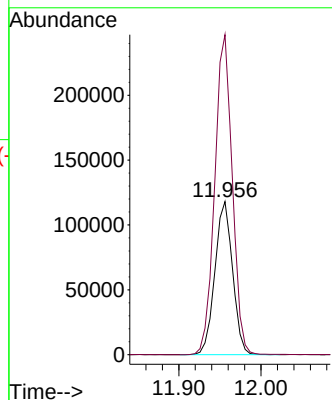
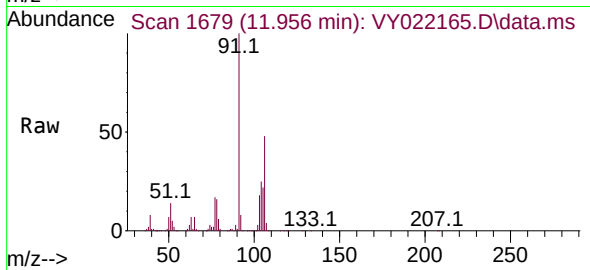
SB2-4-5MS

Tgt Ion:106 Resp: 176678

Ion Ratio Lower Upper

106 100

91 208.1 103.0 308.9



#70

Styrene

Concen: 39.507 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

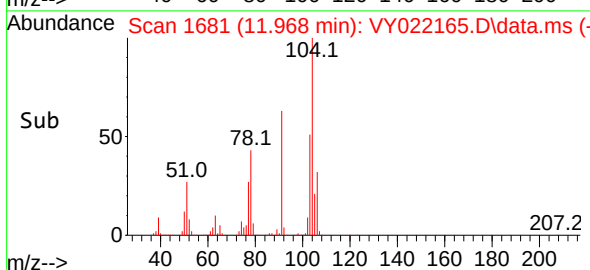
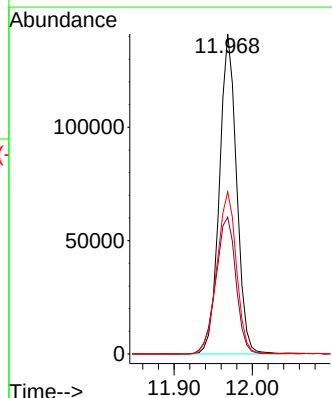
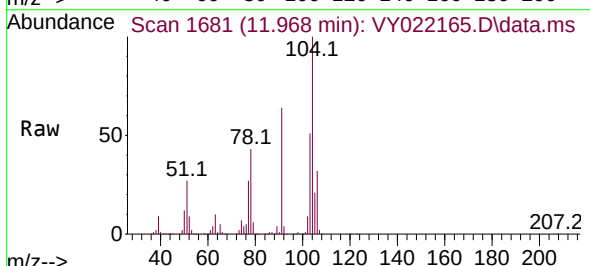
Tgt Ion:104 Resp: 216048

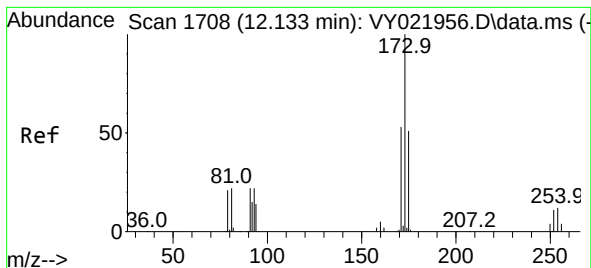
Ion Ratio Lower Upper

104 100

78 50.0 36.6 54.8

103 57.4 43.8 65.8





#71

Bromoform

Concen: 48.458 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

SB2-4-5MS

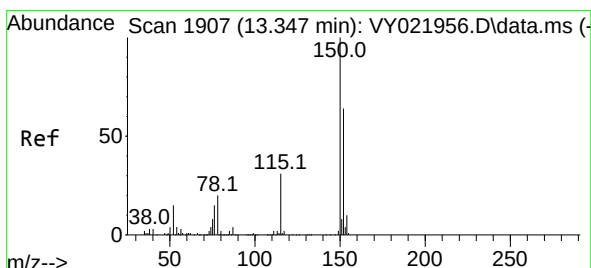
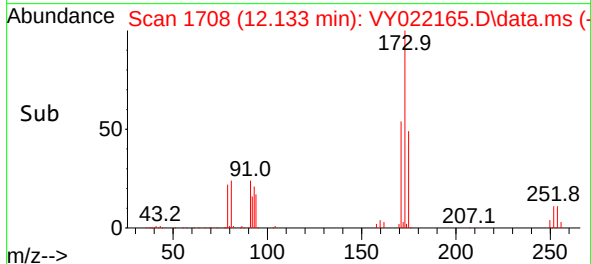
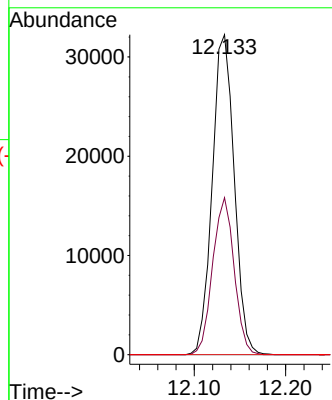
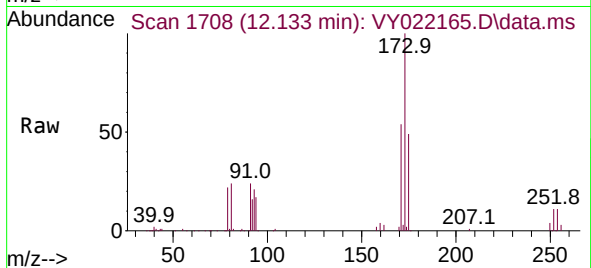
Tgt Ion:173 Resp: 53844

Ion Ratio Lower Upper

173 100

175 48.0 24.3 72.8

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: VY022165.D

Acq: 05 May 2025 17:28

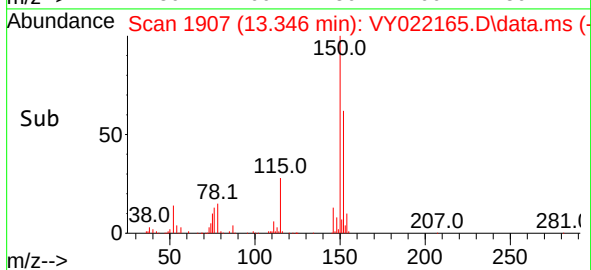
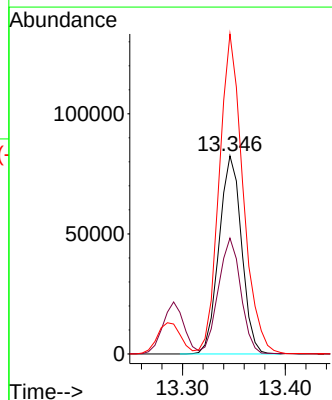
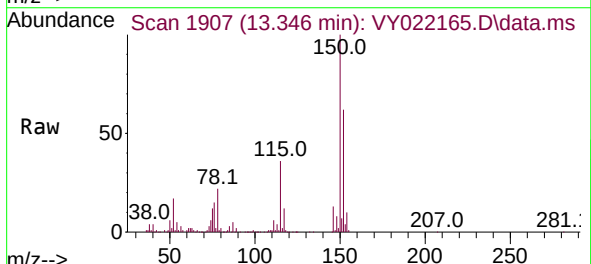
Tgt Ion:152 Resp: 125407

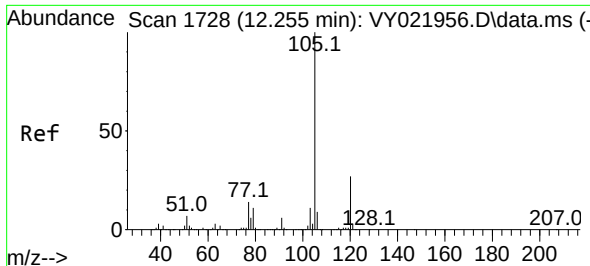
Ion Ratio Lower Upper

152 100

115 58.1 28.0 84.0

150 170.5 0.0 345.6

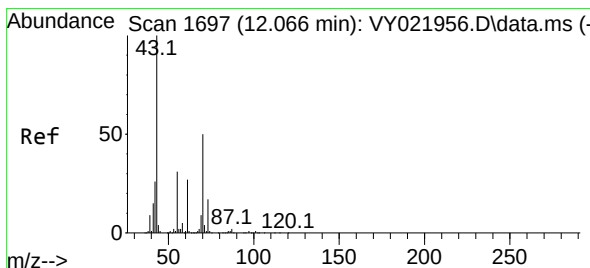
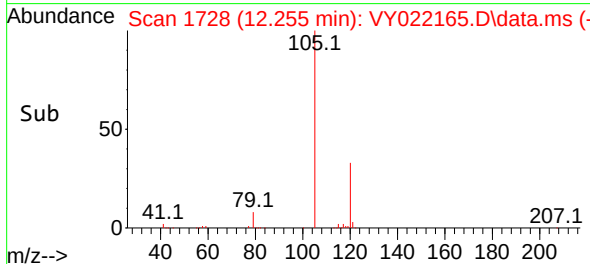
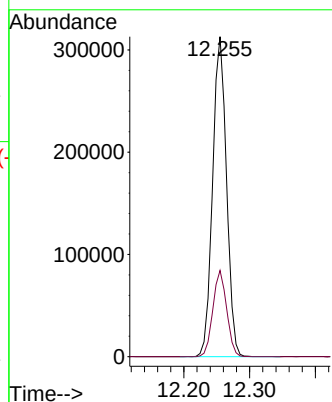
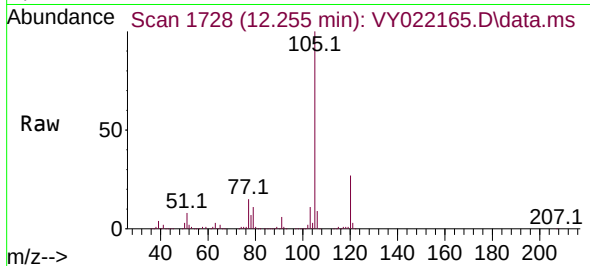




#73
Isopropylbenzene
Concen: 54.870 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

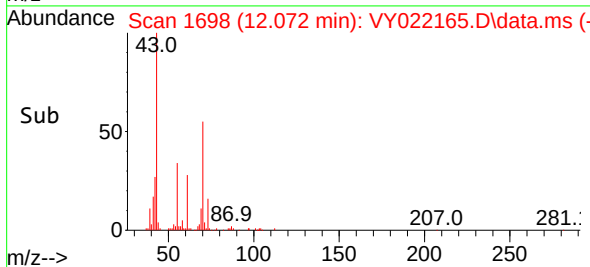
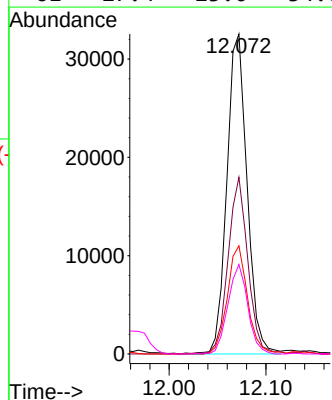
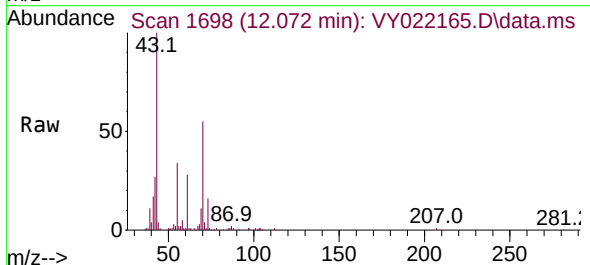
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MS

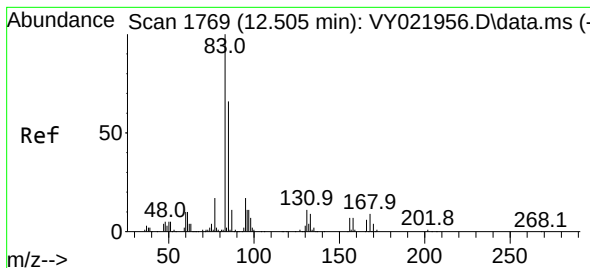
Tgt Ion:105 Resp: 459729
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.5



#74
N-ethyl acetate
Concen: 32.856 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion: 43 Resp: 47297
Ion Ratio Lower Upper
43 100
70 53.8 43.2 64.8
55 34.2 25.7 38.5
61 27.4 23.0 34.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.483 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

SB2-4-5MS

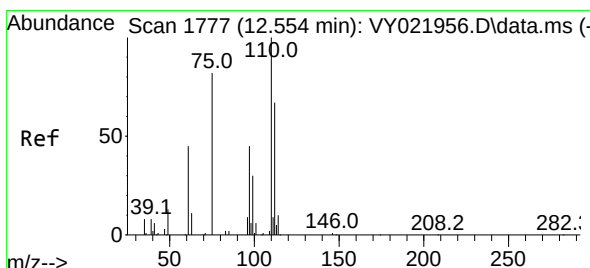
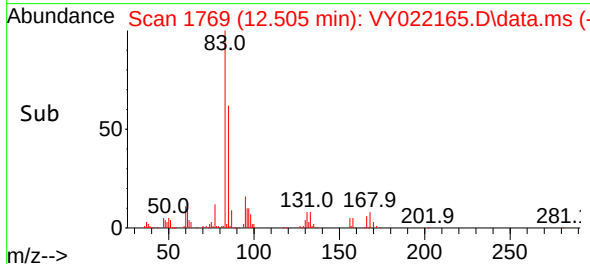
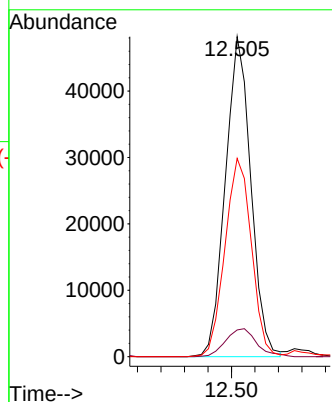
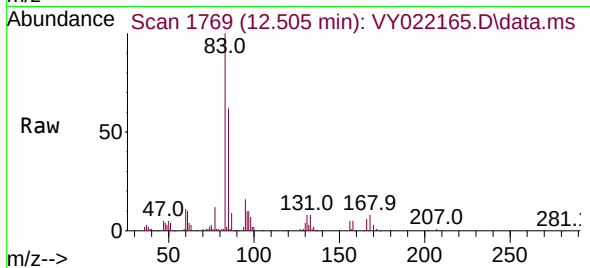
Tgt Ion: 83 Resp: 72724

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.4

85 64.3 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 87.143 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022165.D

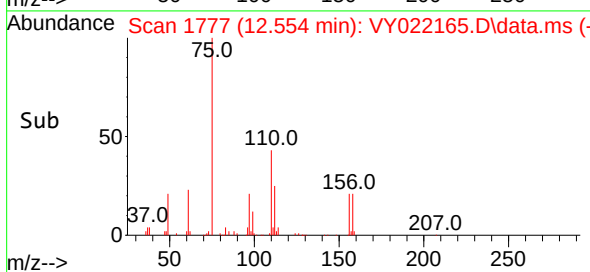
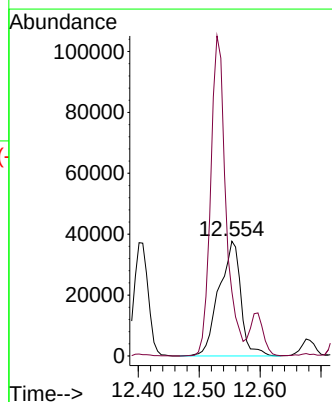
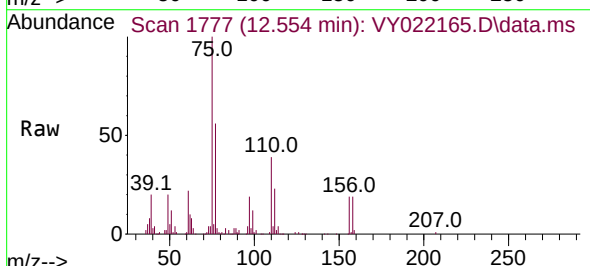
Acq: 05 May 2025 17:28

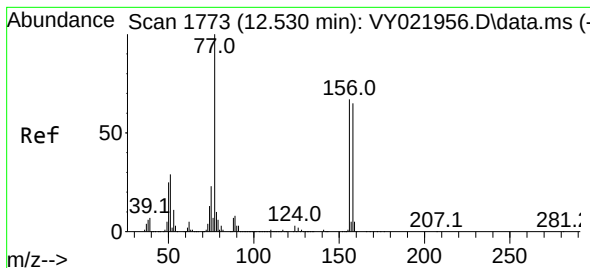
Tgt Ion: 75 Resp: 93607

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.822 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

SB2-4-5MS

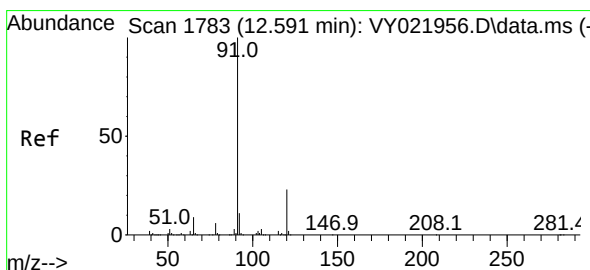
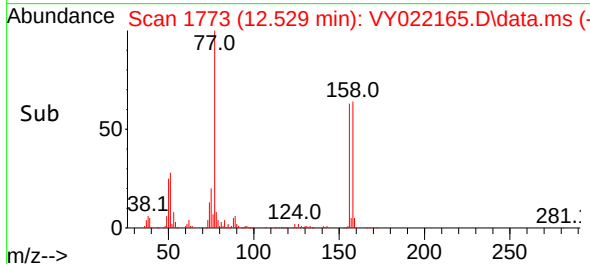
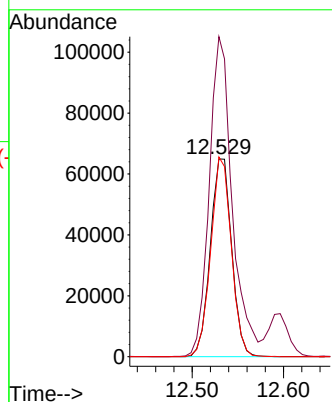
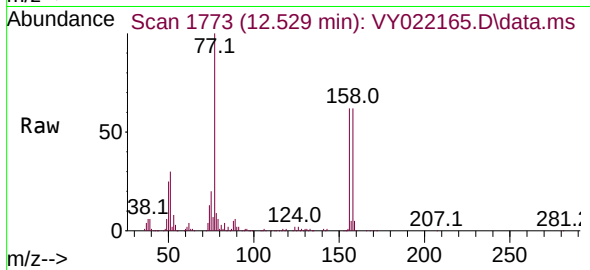
Tgt Ion:156 Resp: 105479

Ion Ratio Lower Upper

156 100

77 173.4 82.7 248.1

158 97.0 48.1 144.4



#78

n-propylbenzene

Concen: 54.590 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022165.D

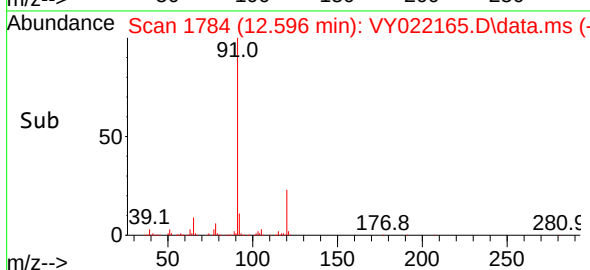
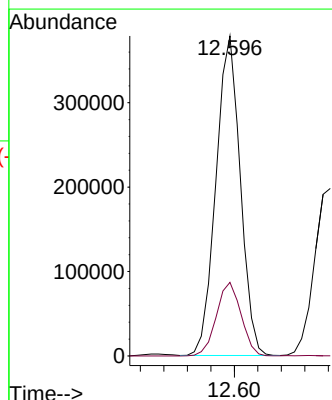
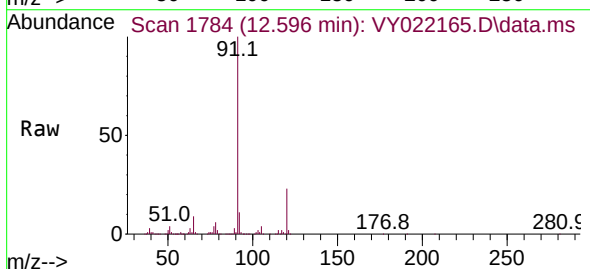
Acq: 05 May 2025 17:28

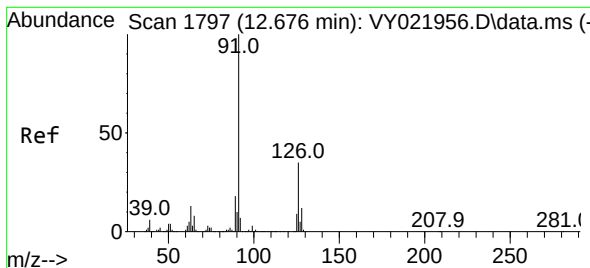
Tgt Ion: 91 Resp: 544686

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.5





#79

2-Chlorotoluene

Concen: 53.133 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

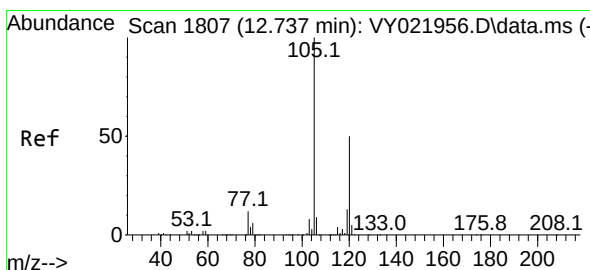
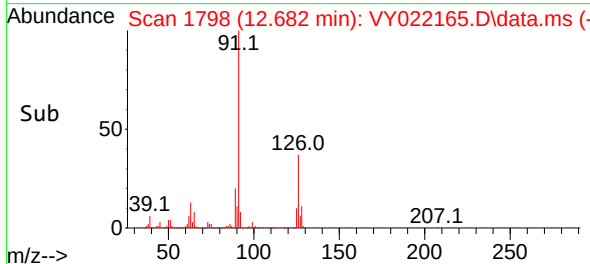
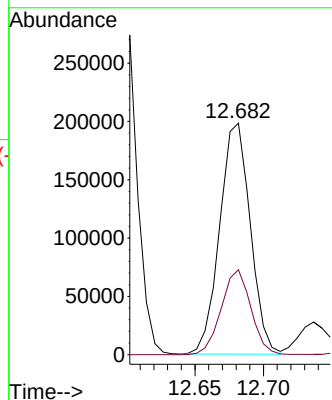
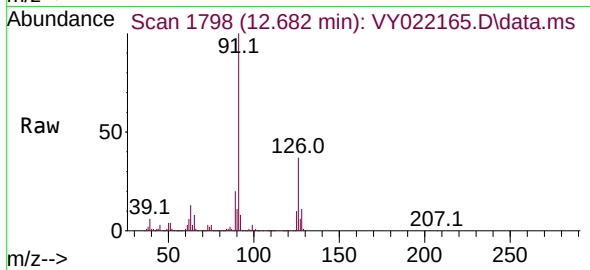
SB2-4-5MS

Tgt Ion: 91 Resp: 308315

Ion Ratio Lower Upper

91 100

126 35.5 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 54.194 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY022165.D

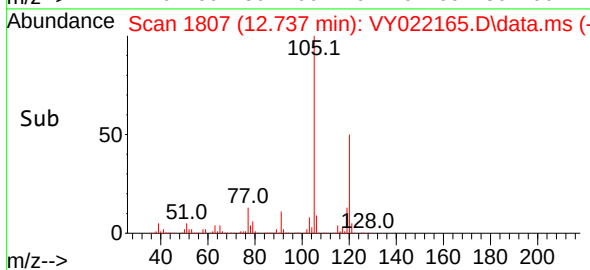
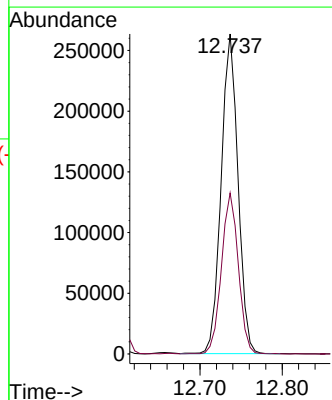
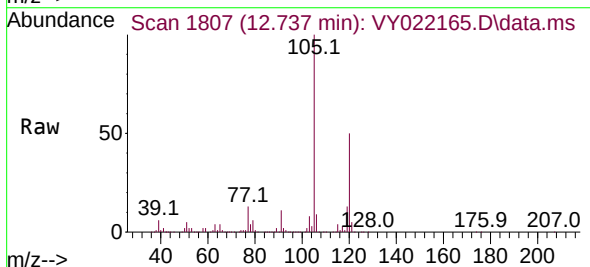
Acq: 05 May 2025 17:28

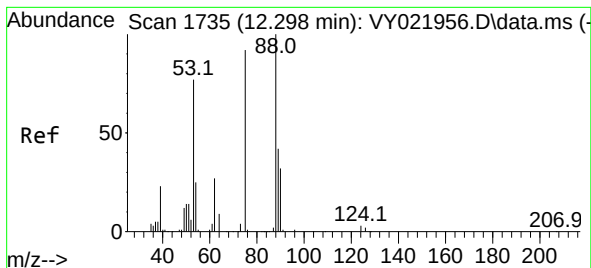
Tgt Ion: 105 Resp: 374123

Ion Ratio Lower Upper

105 100

120 50.6 25.0 75.0

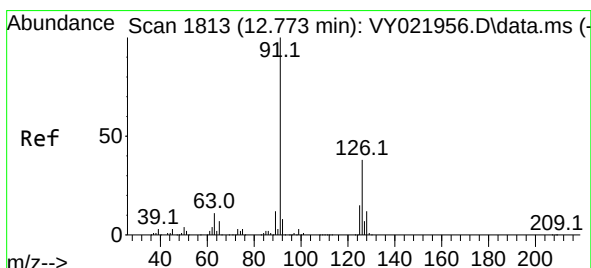
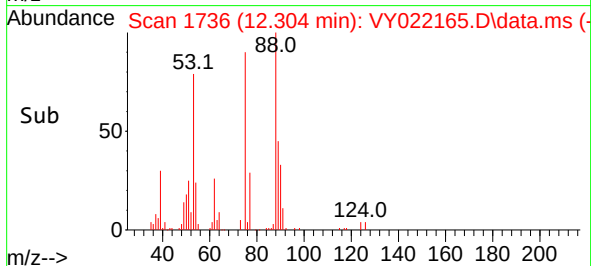
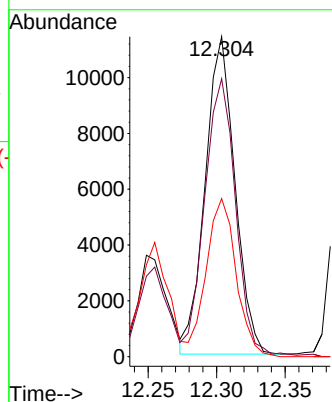
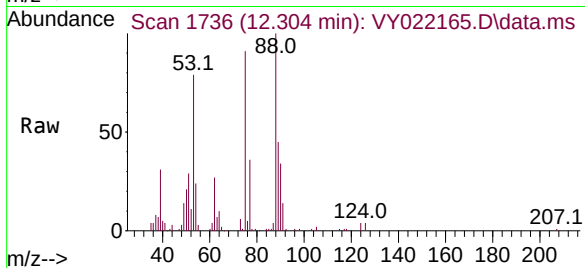




#81
trans-1,4-Dichloro-2-butene
Concen: 38.428 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

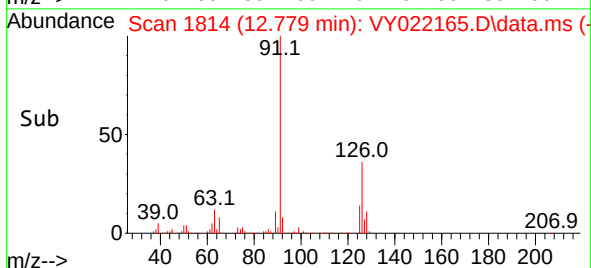
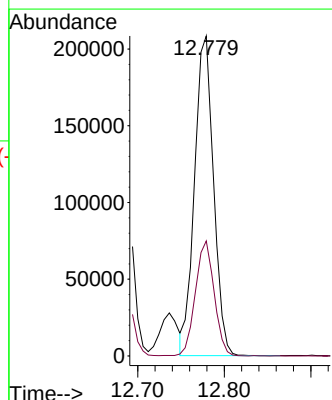
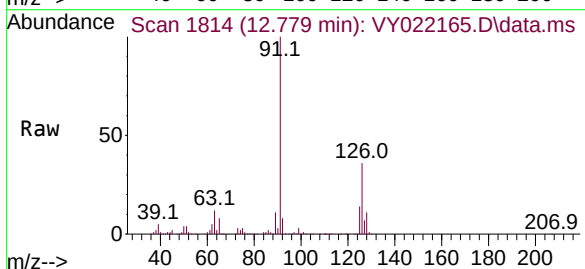
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MS

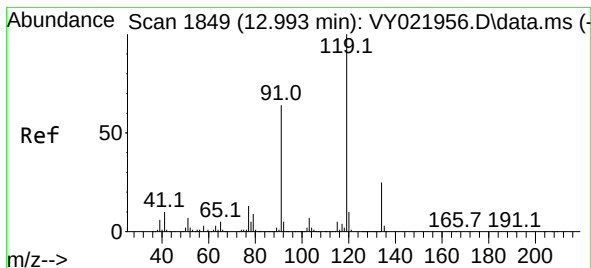
Tgt Ion: 75 Resp: 17141
Ion Ratio Lower Upper
75 100
53 92.3 66.0 99.0
89 49.9 37.2 55.8



#82
4-Chlorotoluene
Concen: 52.574 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion: 91 Resp: 317135
Ion Ratio Lower Upper
91 100
126 35.6 17.9 53.8





#83

tert-Butylbenzene

Concen: 54.272 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

SB2-4-5MS

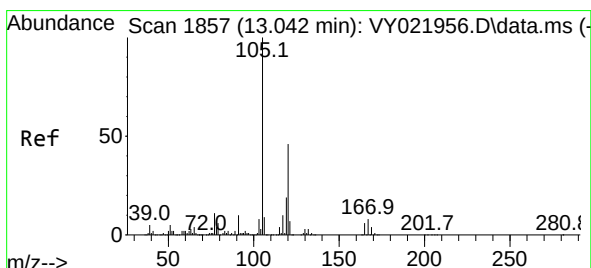
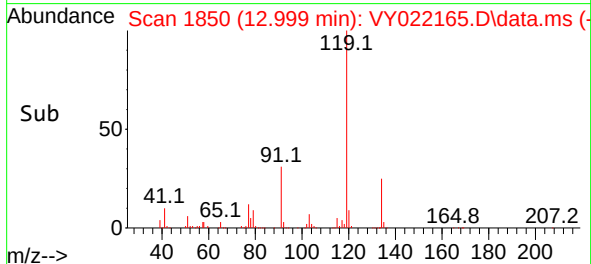
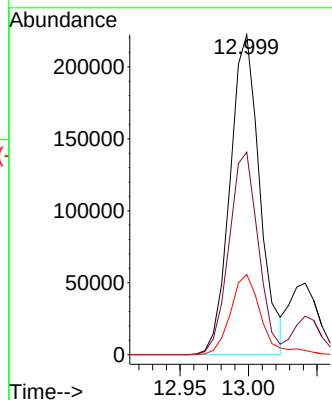
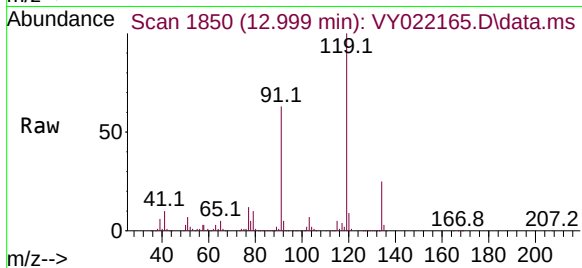
Tgt Ion:119 Resp: 336016

Ion Ratio Lower Upper

119 100

91 62.3 30.3 90.9

134 25.9 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 54.221 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022165.D

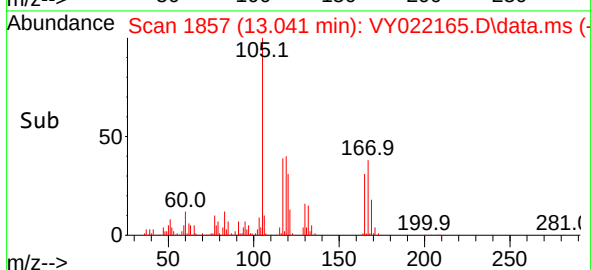
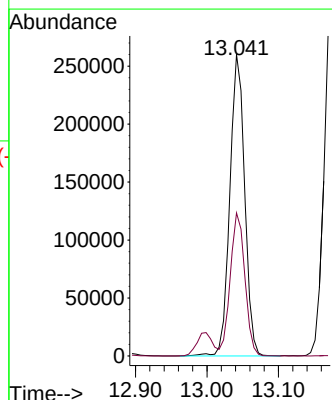
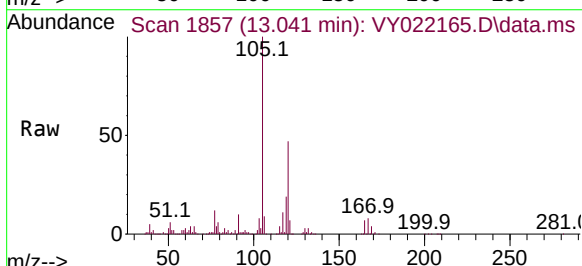
Acq: 05 May 2025 17:28

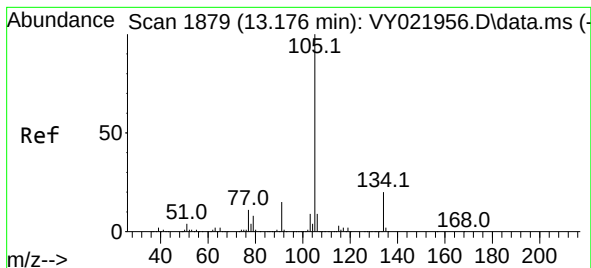
Tgt Ion:105 Resp: 374398

Ion Ratio Lower Upper

105 100

120 46.7 23.4 70.0





#85

sec-Butylbenzene

Concen: 52.827 ug/l

RT: 13.175 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

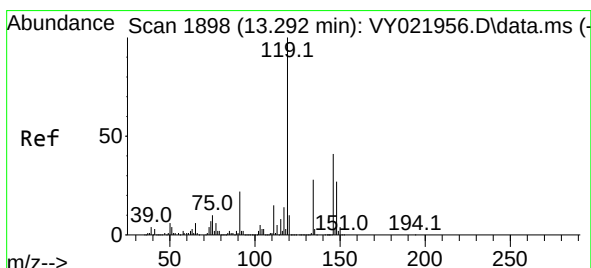
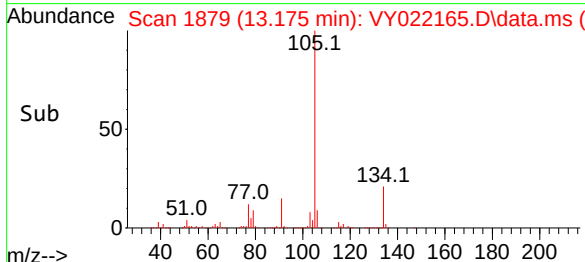
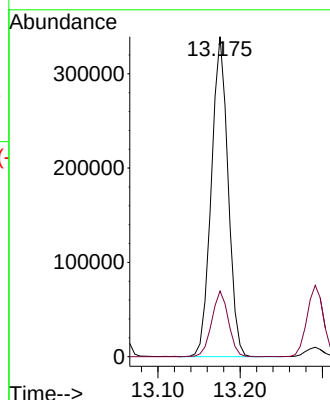
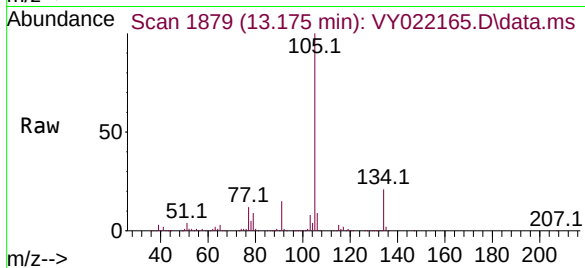
SB2-4-5MS

Tgt Ion:105 Resp: 478604

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.9



#86

p-Isopropyltoluene

Concen: 51.309 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

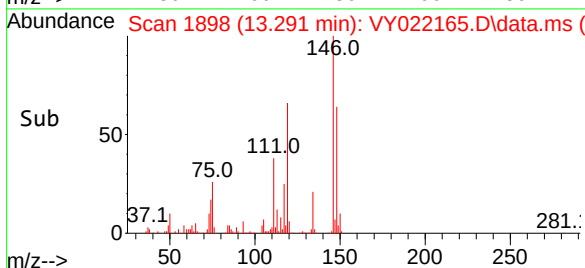
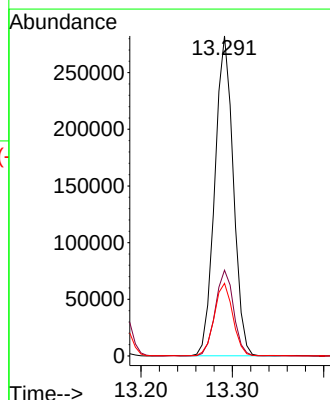
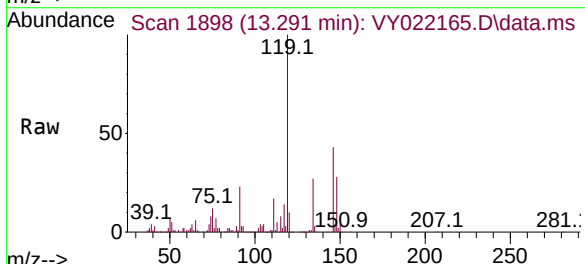
Tgt Ion:119 Resp: 394727

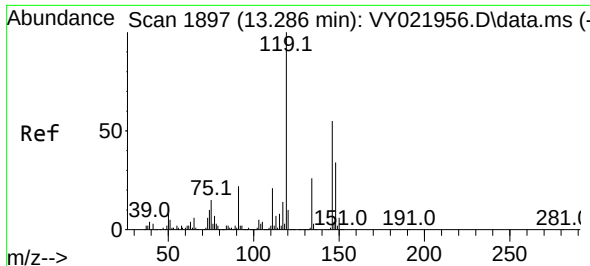
Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.7

91 22.8 11.0 33.0

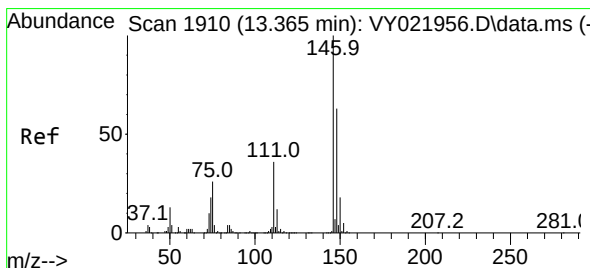
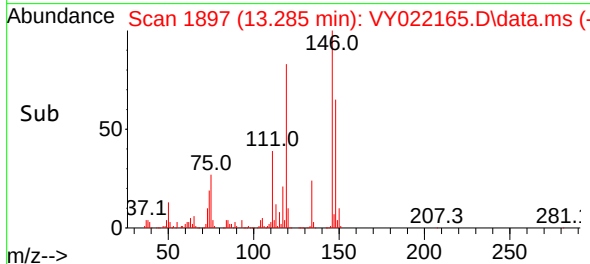
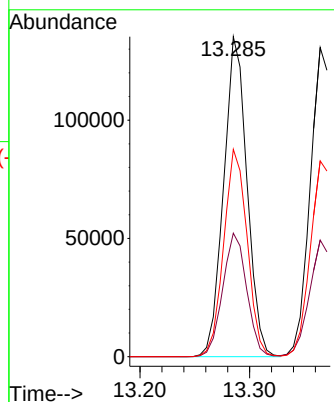
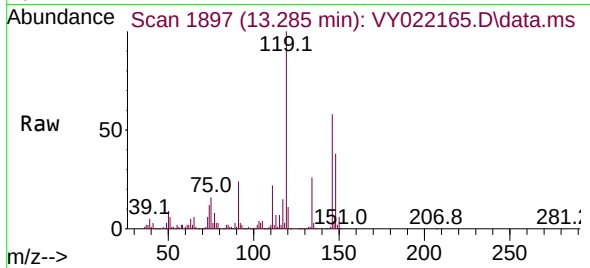




#87
1,3-Dichlorobenzene
Concen: 46.638 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

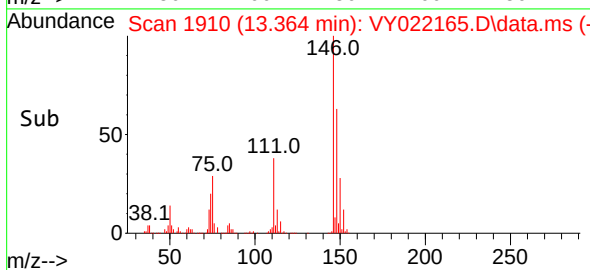
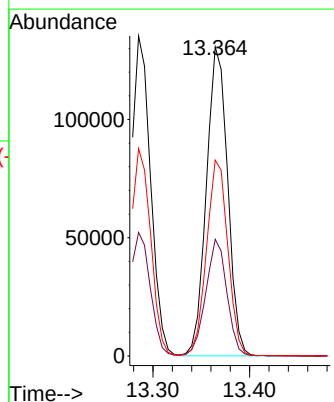
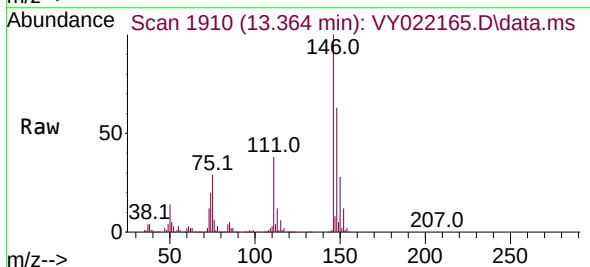
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MS

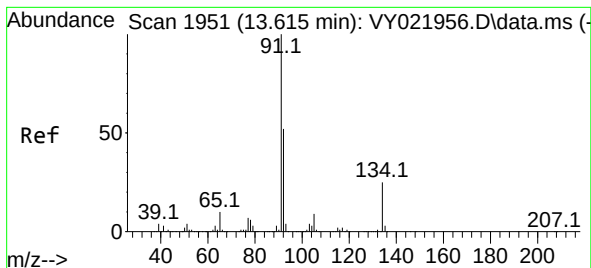
Tgt Ion:146 Resp: 200543
Ion Ratio Lower Upper
146 100
111 39.6 19.1 57.5
148 64.9 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 46.950 ug/l
RT: 13.364 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion:146 Resp: 199946
Ion Ratio Lower Upper
146 100
111 37.7 19.2 57.6
148 63.3 32.0 96.0





#89

n-Butylbenzene

Concen: 47.171 ug/l

RT: 13.614 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

SB2-4-5MS

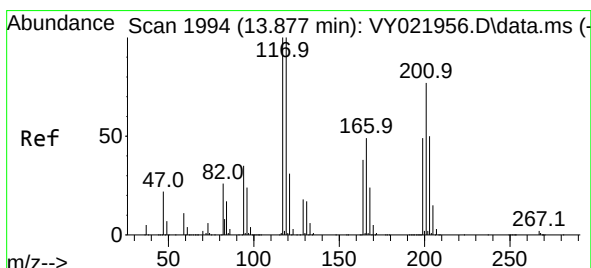
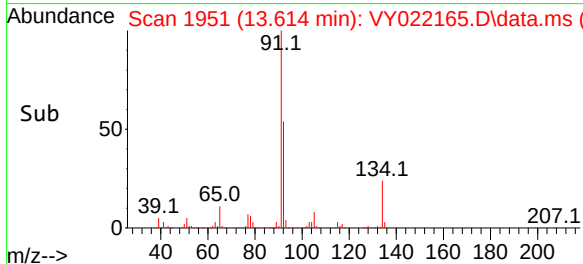
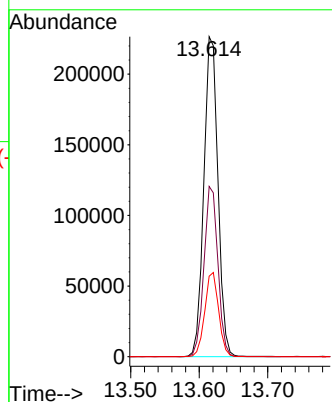
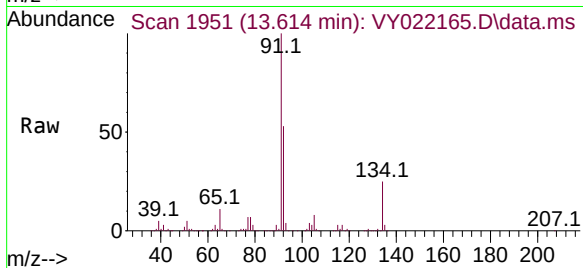
Tgt Ion: 91 Resp: 324369

Ion Ratio Lower Upper

91 100

92 52.8 26.5 79.5

134 26.0 13.4 40.1



#90

Hexachloroethane

Concen: 50.331 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY022165.D

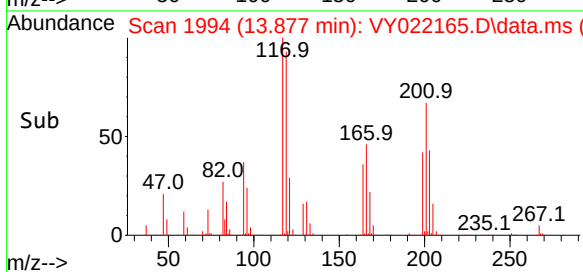
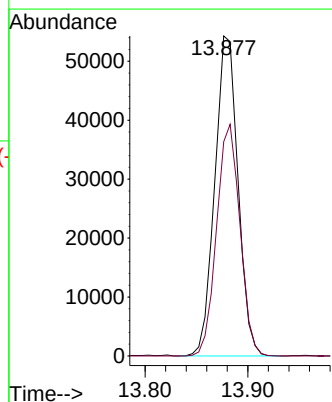
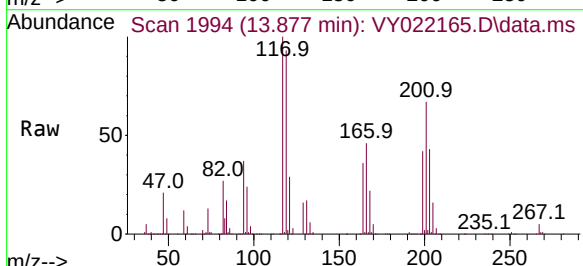
Acq: 05 May 2025 17:28

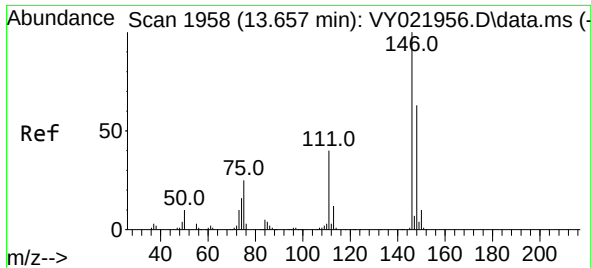
Tgt Ion: 117 Resp: 85072

Ion Ratio Lower Upper

117 100

201 72.8 38.7 116.1

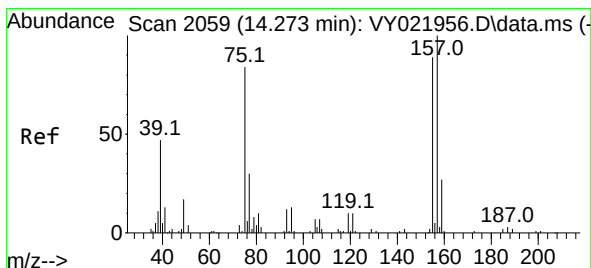
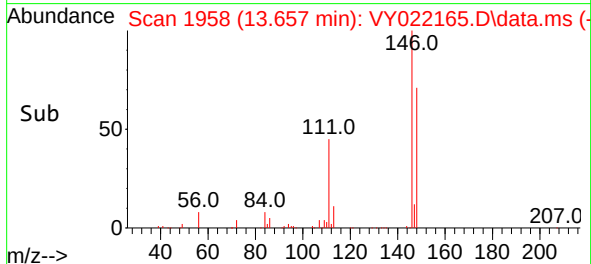
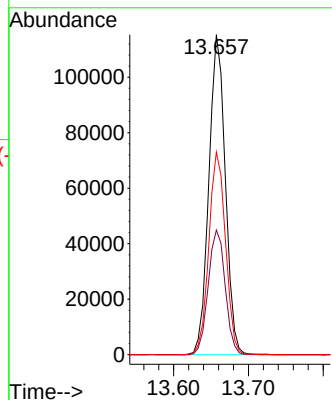
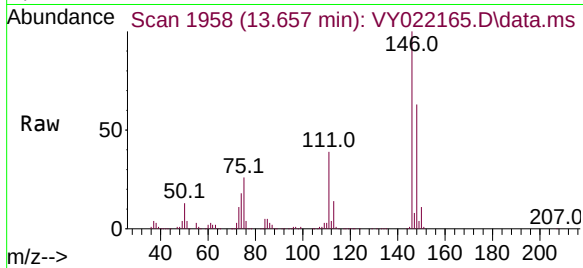




#91
1,2-Dichlorobenzene
Concen: 47.003 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

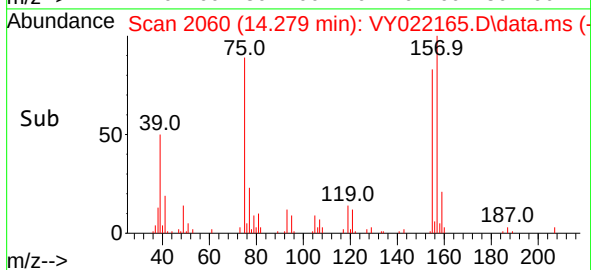
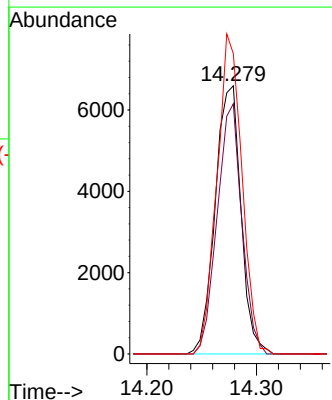
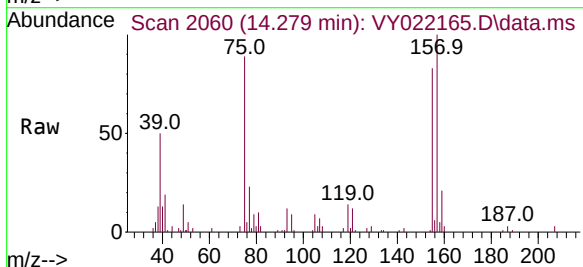
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MS

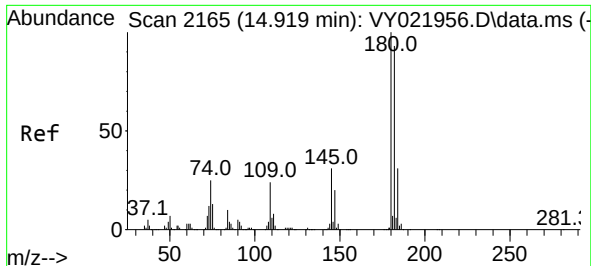
Tgt Ion:146 Resp: 176281
Ion Ratio Lower Upper
146 100
111 40.1 19.7 59.1
148 64.1 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.922 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion: 75 Resp: 10770
Ion Ratio Lower Upper
75 100
155 89.2 50.7 152.3
157 116.1 62.6 187.8

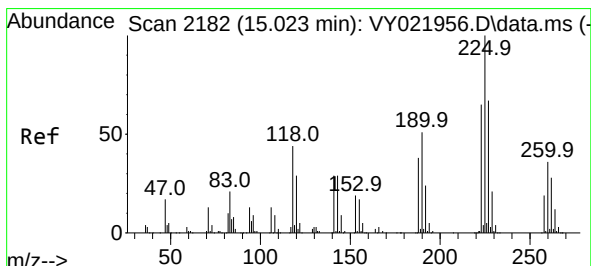
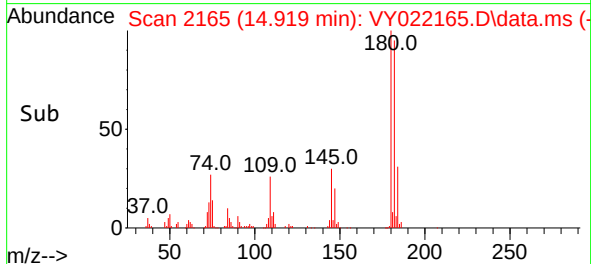
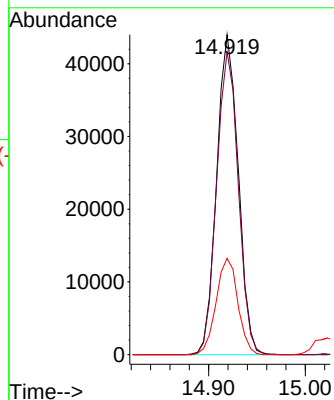
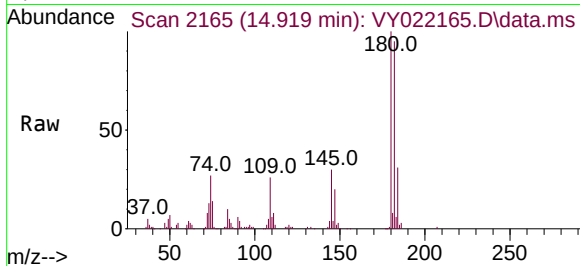




#93
1,2,4-Trichlorobenzene
Concen: 32.028 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

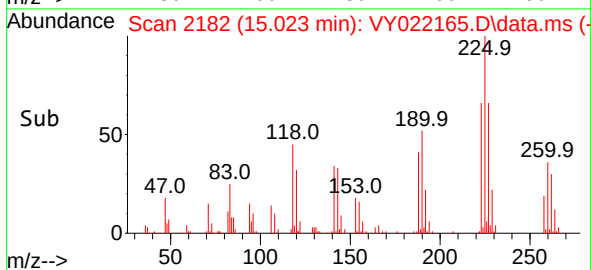
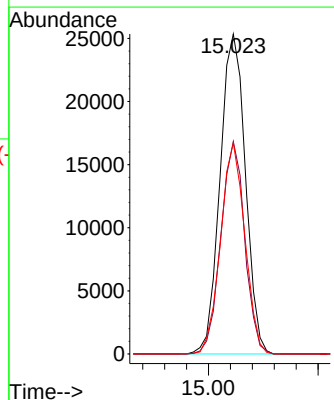
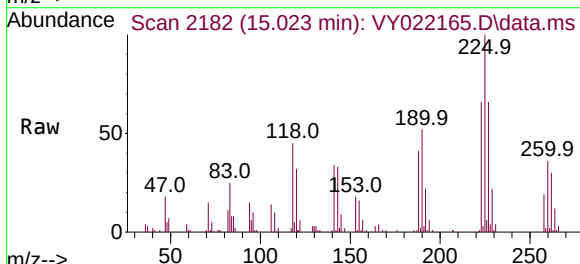
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MS

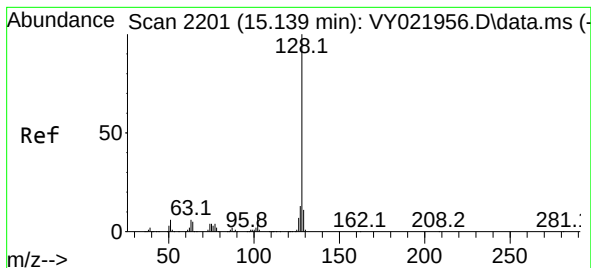
Tgt Ion:	180	Resp:	68068
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.1	141.4
145	30.4	15.0	45.0



#94
Hexachlorobutadiene
Concen: 31.087 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022165.D
Acq: 05 May 2025 17:28

Tgt Ion:	225	Resp:	40649
Ion Ratio	Lower	Upper	
225	100		
223	62.5	31.9	95.5
227	63.1	32.3	96.9





#95

Naphthalene

Concen: 33.269 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

SB2-4-5MS

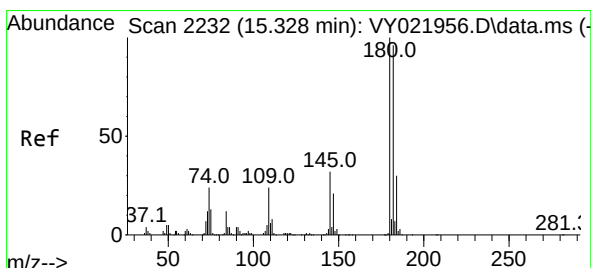
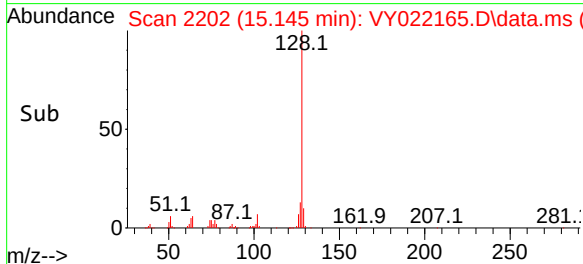
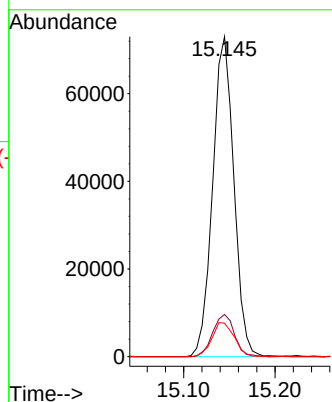
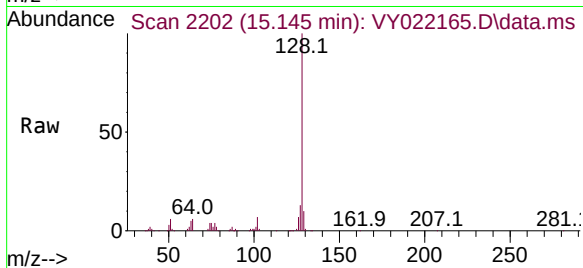
Tgt Ion:128 Resp: 117453

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 11.3 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 30.362 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022165.D

Acq: 05 May 2025 17:28

Tgt Ion:180 Resp: 55700

Ion Ratio Lower Upper

180 100

182 93.4 48.1 144.4

145 31.6 16.0 48.0

