

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051225\
 Data File : VY022210.D
 Acq On : 12 May 2025 09:28
 Operator : SY/MD
 Sample : VY0512SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBS01

Quant Time: May 13 02:15:15 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	216652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	334827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	309772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	169523	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	96365	48.154	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.300%
35) Dibromofluoromethane	7.634	113	109386	49.450	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.900%
50) Toluene-d8	10.109	98	416832	49.983	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.960%
62) 4-Bromofluorobenzene	12.407	95	139167	49.572	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.140%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	33338	18.059	ug/l	100
3) Chloromethane	2.068	50	61474	23.386	ug/l	98
4) Vinyl Chloride	2.202	62	72681	22.500	ug/l	99
5) Bromomethane	2.592	94	75100	26.986	ug/l	98
6) Chloroethane	2.732	64	52359	23.800	ug/l	96
7) Trichlorofluoromethane	3.055	101	92725	21.769	ug/l	98
8) Diethyl Ether	3.458	74	21778	19.644	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.811	101	47784	20.680	ug/l	99
10) Methyl Iodide	4.000	142	50207	18.767	ug/l	97
11) Tert butyl alcohol	4.884	59	10317	93.908	ug/l	100
12) 1,1-Dichloroethene	3.787	96	43298	20.103	ug/l	92
13) Acrolein	3.659	56	6549	33.213	ug/l	96
14) Allyl chloride	4.378	41	52950	21.114	ug/l	95
15) Acrylonitrile	5.061	53	40784	100.485	ug/l	98
16) Acetone	3.879	43	26569	87.553	ug/l	99
17) Carbon Disulfide	4.104	76	135674	19.757	ug/l	99
18) Methyl Acetate	4.391	43	23514	25.154	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	92141	19.114	ug/l	98
20) Methylene Chloride	4.610	84	54110	21.384	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	49277	20.429	ug/l	88
22) Diisopropyl ether	6.018	45	120272	21.551	ug/l	96
23) Vinyl Acetate	5.964	43	295364	98.202	ug/l	99
24) 1,1-Dichloroethane	5.915	63	85086	21.995	ug/l	99
25) 2-Butanone	6.902	43	43050	94.375	ug/l	94
26) 2,2-Dichloropropane	6.884	77	74872	22.083	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	55842	20.705	ug/l	97
28) Bromochloromethane	7.244	49	33561	22.336	ug/l	94
29) Tetrahydrofuran	7.268	42	29008	97.912	ug/l	98
30) Chloroform	7.421	83	93637	21.822	ug/l	97
31) Cyclohexane	7.701	56	65954	19.937	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	82451	21.239	ug/l	98
36) 1,1-Dichloropropene	7.835	75	62108	20.902	ug/l	99
37) Ethyl Acetate	6.994	43	19542	18.312	ug/l	97
38) Carbon Tetrachloride	7.817	117	75551	21.278	ug/l	98
39) Methylcyclohexane	9.109	83	72328	19.343	ug/l	95
40) Benzene	8.079	78	199040	21.429	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	9484	16.257	ug/l #	74
42) 1,2-Dichloroethane	8.158	62	49678	21.602	ug/l	97
43) Isopropyl Acetate	8.201	43	42041	20.514	ug/l	98
44) Trichloroethene	8.865	130	53821	20.920	ug/l	96
45) 1,2-Dichloropropane	9.140	63	45998	22.394	ug/l	96
46) Dibromomethane	9.231	93	26246	20.412	ug/l	98
47) Bromodichloromethane	9.426	83	69942	21.774	ug/l	98
48) Methyl methacrylate	9.225	41	19057	20.115	ug/l	96
49) 1,4-Dioxane	9.250	88	5178	377.821	ug/l #	89
51) 4-Methyl-2-Pentanone	9.999	43	108711	101.190	ug/l	96
52) Toluene	10.170	92	130578	21.718	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	58755	21.325	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	69165	21.118	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	35987	20.952	ug/l	97
56) Ethyl methacrylate	10.438	69	35918	18.287	ug/l	96
57) 1,3-Dichloropropane	10.719	76	58731	21.330	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	91818	95.610	ug/l	99
59) 2-Hexanone	10.761	43	69173	97.618	ug/l	95
60) Dibromochloromethane	10.914	129	49162	20.674	ug/l	98
61) 1,2-Dibromoethane	11.017	107	32476	20.028	ug/l	98
64) Tetrachloroethene	10.646	164	63571	21.754	ug/l	97
65) Chlorobenzene	11.444	112	144043	20.794	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	51404	21.078	ug/l	99
67) Ethyl Benzene	11.524	91	229545	20.256	ug/l	96
68) m/p-Xylenes	11.627	106	190495	42.246	ug/l	98
69) o-Xylene	11.956	106	83841	20.173	ug/l	100
70) Styrene	11.969	104	143576	20.575	ug/l	99
71) Bromoform	12.133	173	28346	19.992	ug/l #	98
73) Isopropylbenzene	12.255	105	221453	19.553	ug/l	99
74) N-amyl acetate	12.072	43	34726	17.846	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	37598	19.690	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	49223	33.899	ug/l #	100
77) Bromobenzene	12.536	156	57609	20.130	ug/l	98
78) n-propylbenzene	12.596	91	274074	20.320	ug/l	99
79) 2-Chlorotoluene	12.682	91	160546	20.467	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	188921	20.245	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11626	19.281	ug/l	96
82) 4-Chlorotoluene	12.779	91	168905	20.714	ug/l	99
83) tert-Butylbenzene	12.999	119	160123	19.132	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	190789	20.440	ug/l	99
85) sec-Butylbenzene	13.176	105	247586	20.216	ug/l	99
86) p-Isopropyltoluene	13.291	119	208057	20.006	ug/l	98
87) 1,3-Dichlorobenzene	13.291	146	119746	20.601	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	116013	20.152	ug/l	99
89) n-Butylbenzene	13.621	91	182357	19.618	ug/l	98
90) Hexachloroethane	13.883	117	47589	20.828	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	102757	20.269	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5748	18.920	ug/l	90
93) 1,2,4-Trichlorobenzene	14.919	180	54134	18.843	ug/l	100
94) Hexachlorobutadiene	15.023	225	35674	20.182	ug/l	97
95) Naphthalene	15.145	128	80621	16.893	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	45853	18.490	ug/l	99

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QLast Update : Wed Apr 23 02:30:30 2025
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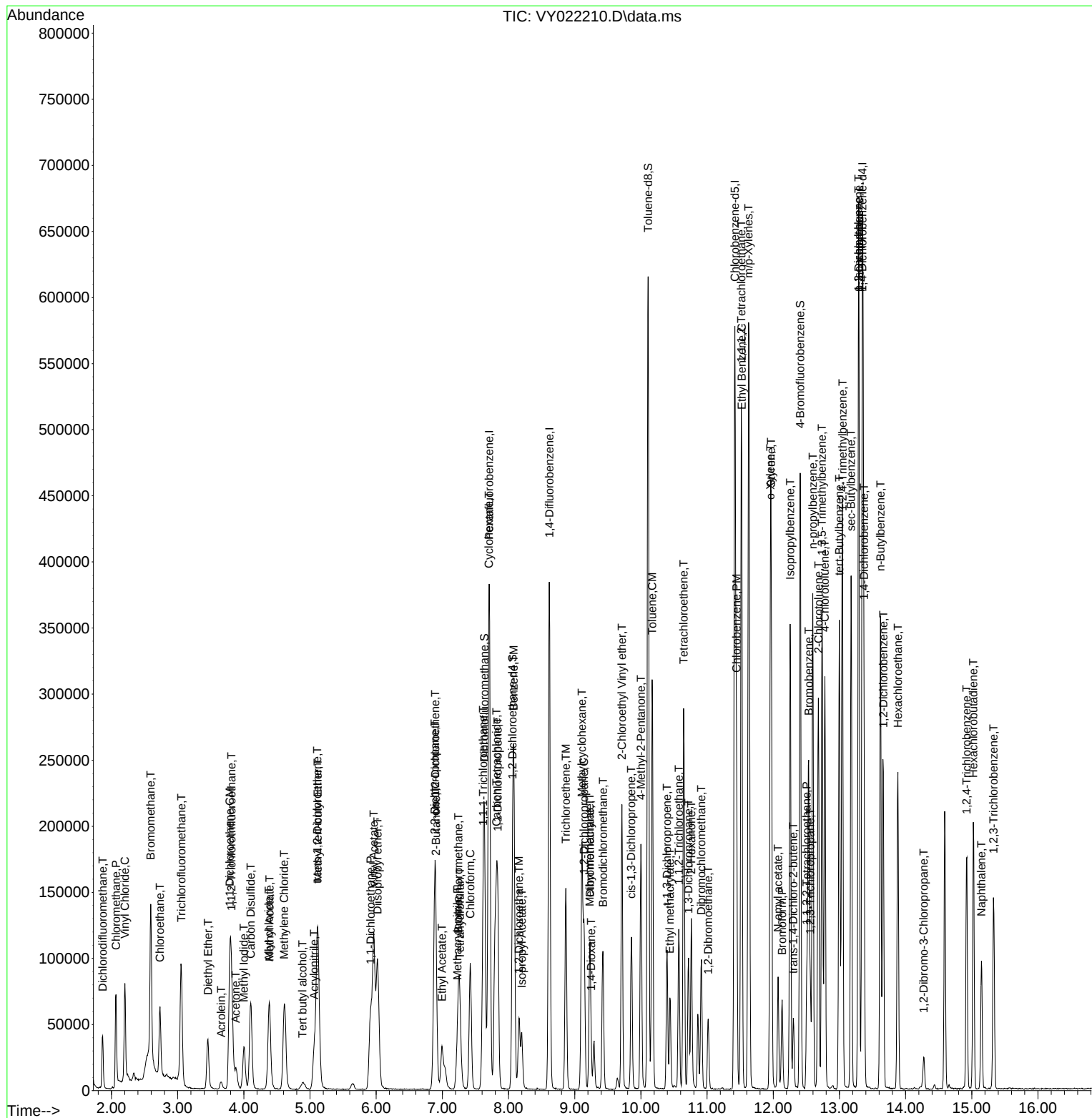
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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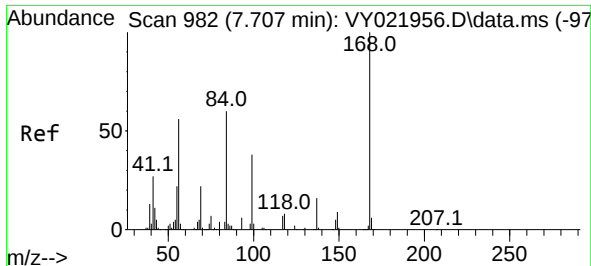
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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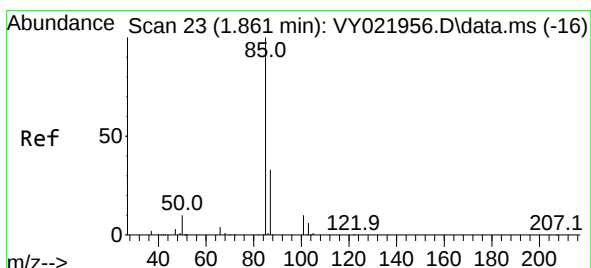
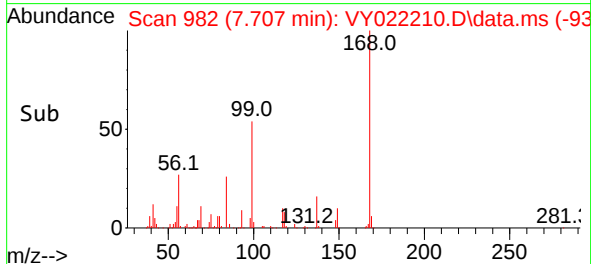
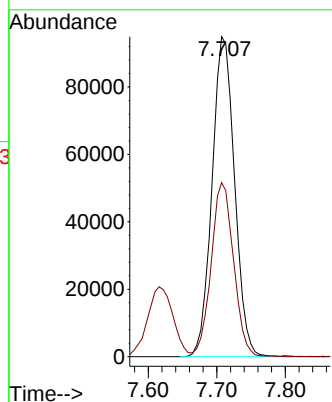
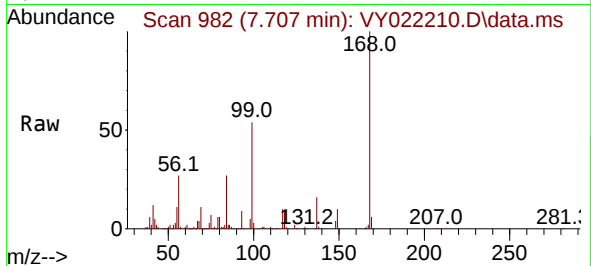




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022210.D
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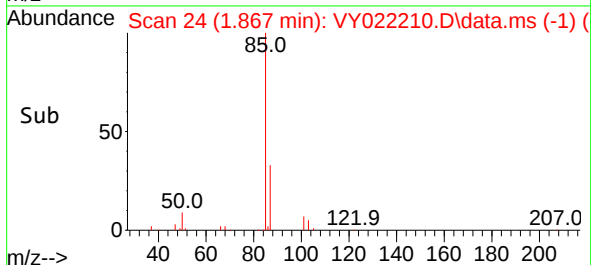
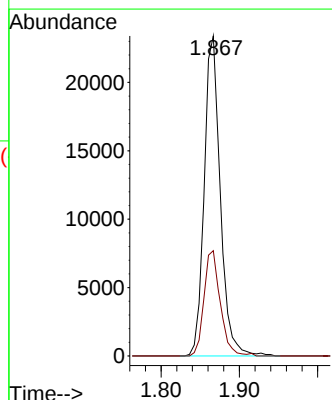
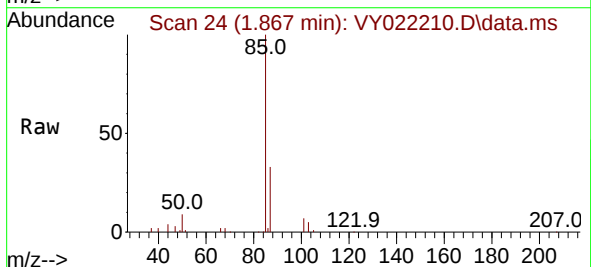
Instrument :
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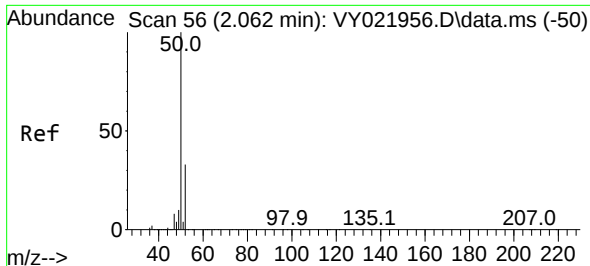
Tgt Ion:168 Resp: 216652
Ion Ratio Lower Upper
168 100
99 54.3 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 18.059 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

Tgt Ion: 85 Resp: 33338
Ion Ratio Lower Upper
85 100
87 32.9 16.6 49.7

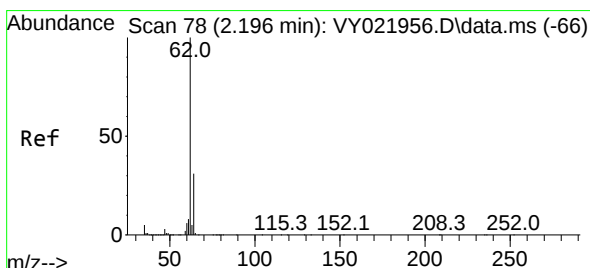
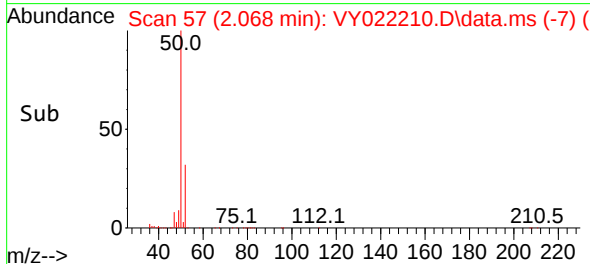
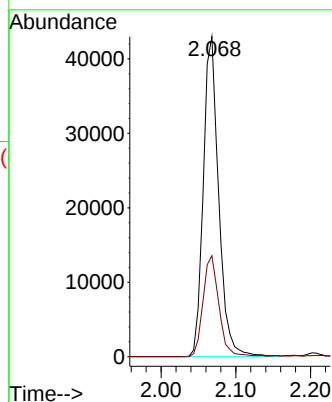
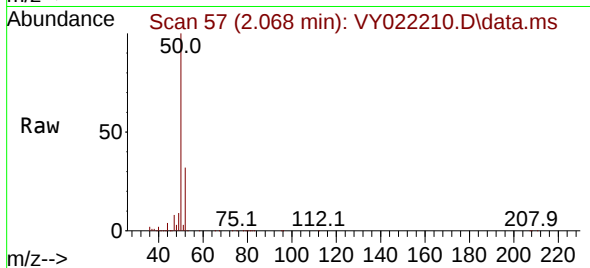




#3
Chloromethane
Concen: 23.386 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

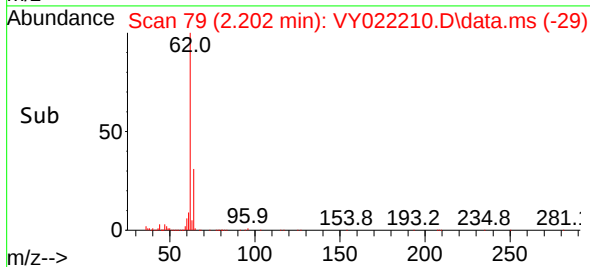
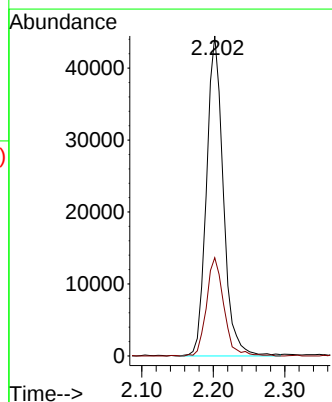
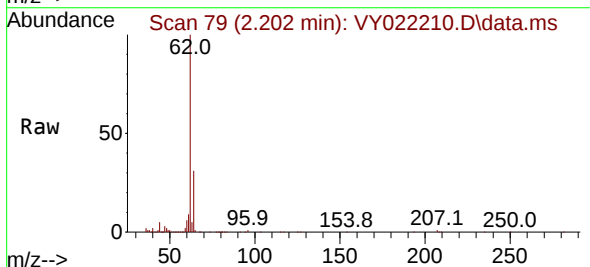
Instrument :
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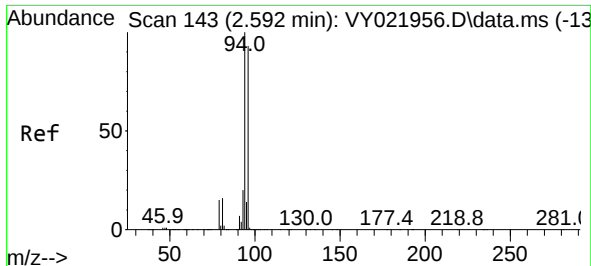
Tgt Ion: 50 Resp: 61474
Ion Ratio Lower Upper
50 100
52 31.6 26.1 39.1



#4
Vinyl Chloride
Concen: 22.500 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

Tgt Ion: 62 Resp: 72681
Ion Ratio Lower Upper
62 100
64 30.7 25.1 37.7

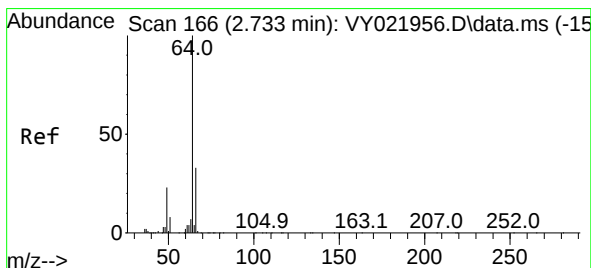
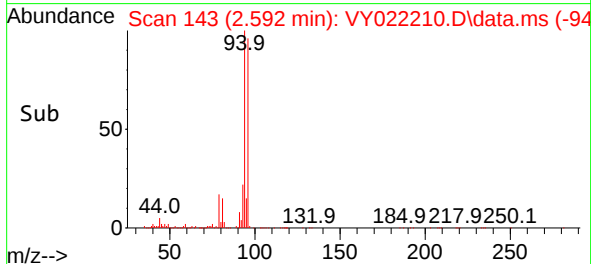
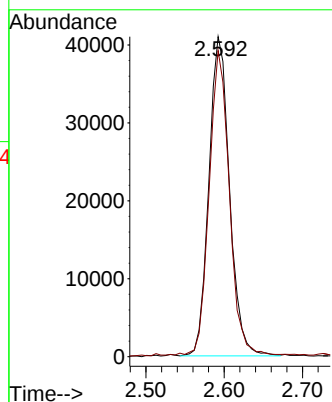
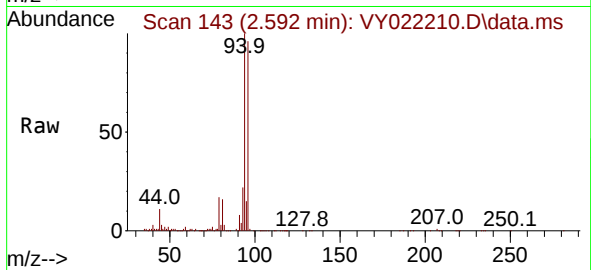




#5
Bromomethane
Concen: 26.986 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022210.D
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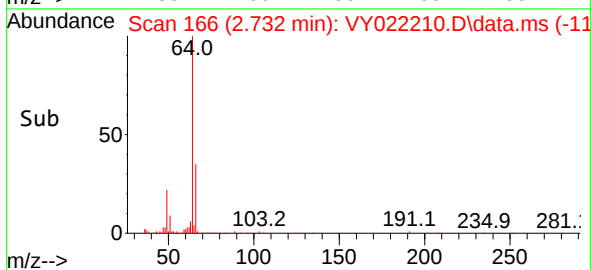
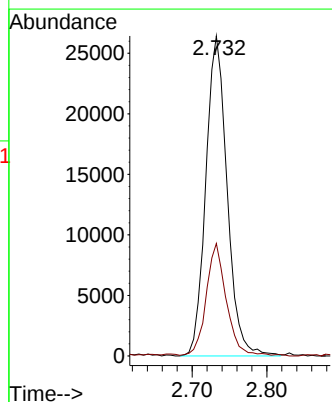
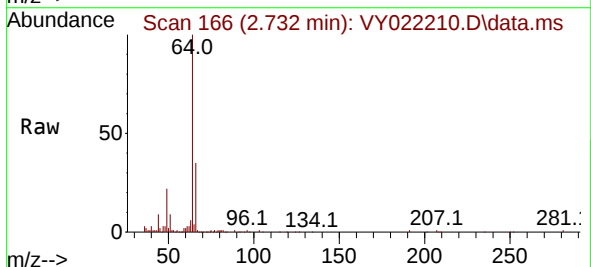
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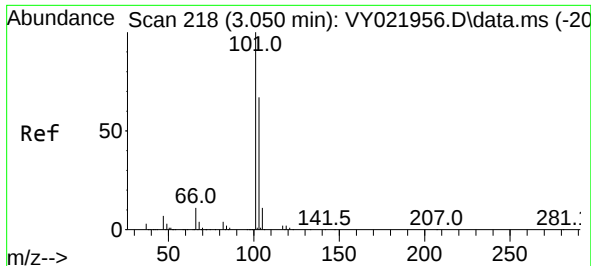
Tgt Ion: 94 Resp: 75100
Ion Ratio Lower Upper
94 100
96 95.2 74.6 111.8



#6
Chloroethane
Concen: 23.800 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 52359
Ion Ratio Lower Upper
64 100
66 35.0 26.2 39.4

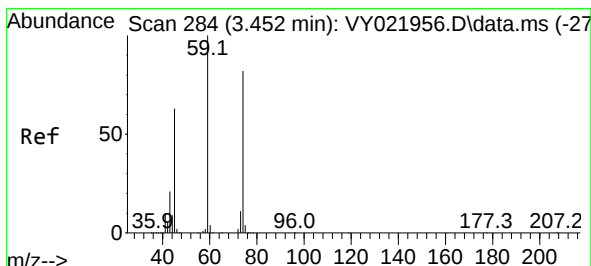
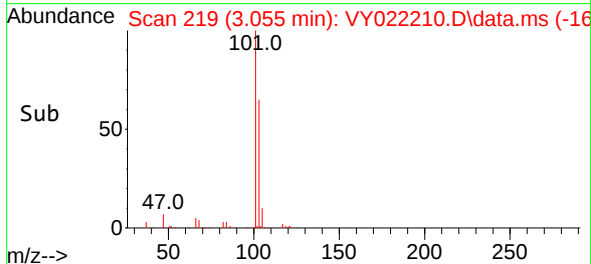
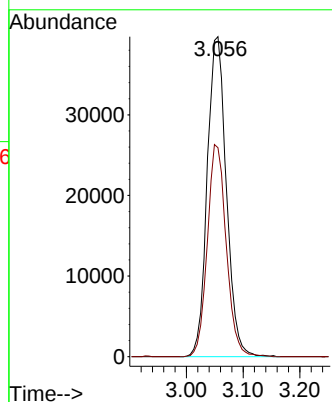
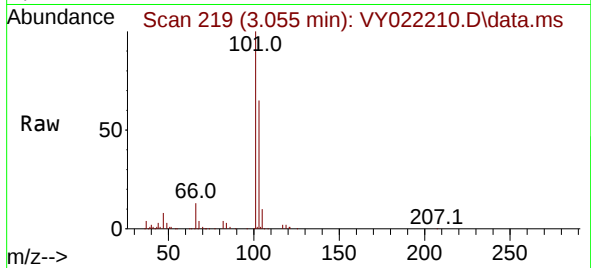




#7
 Trichlorofluoromethane
 Concen: 21.769 ug/l
 RT: 3.055 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022210.D
 Acq: 12 May 2025 09:28

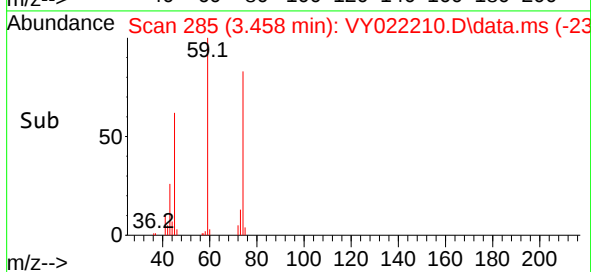
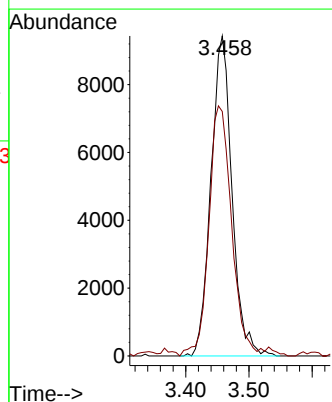
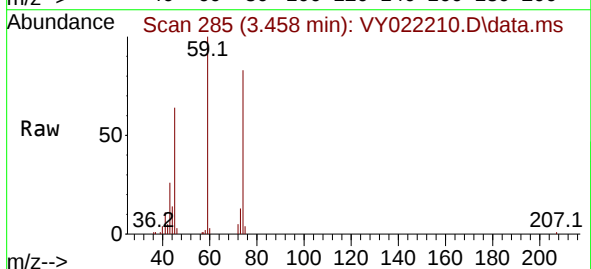
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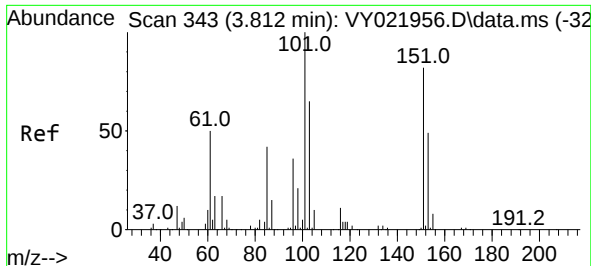
Tgt Ion:101 Resp: 92725
 Ion Ratio Lower Upper
 101 100
 103 65.3 53.6 80.4



#8
 Diethyl Ether
 Concen: 19.644 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY022210.D
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Tgt Ion: 74 Resp: 21778
 Ion Ratio Lower Upper
 74 100
 45 84.1 39.1 117.5

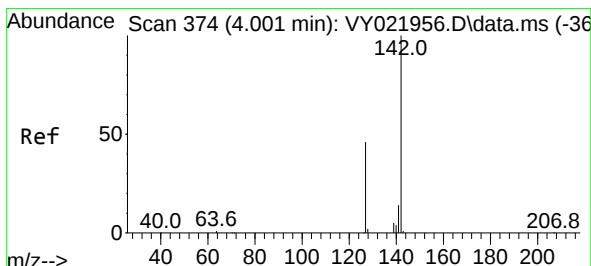
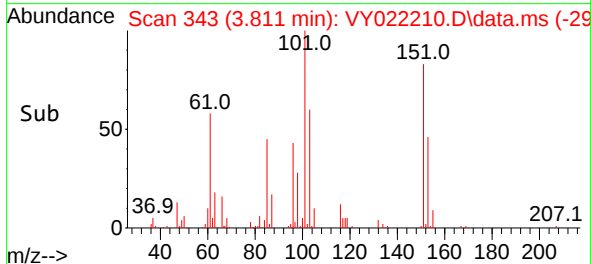
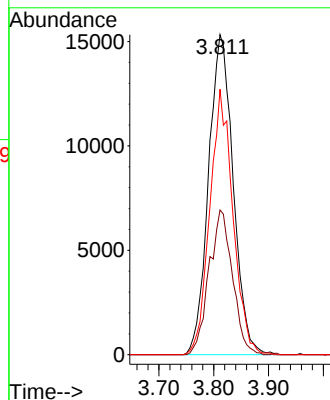
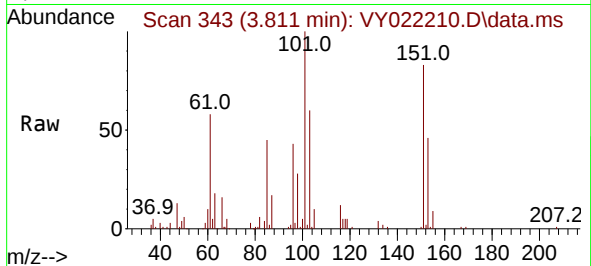




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.680 ug/l
RT: 3.811 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

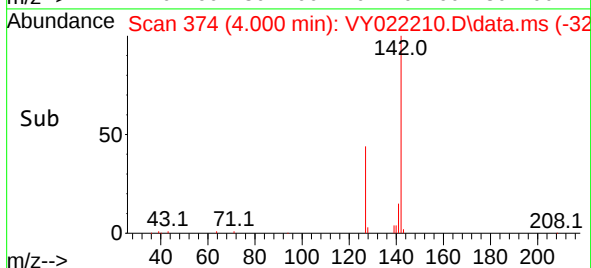
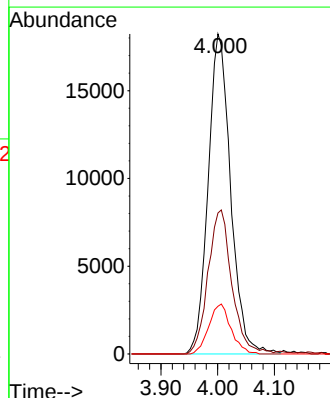
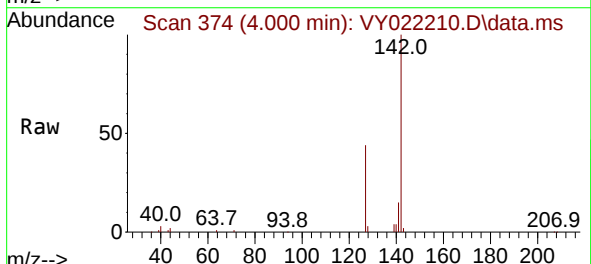
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

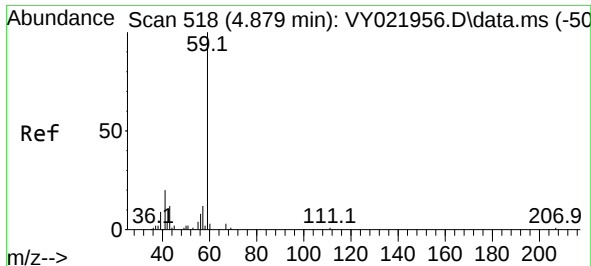
Tgt Ion:101 Resp: 47784
Ion Ratio Lower Upper
101 100
85 43.0 34.6 51.8
151 77.8 63.7 95.5



#10
Methyl Iodide
Concen: 18.767 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

Tgt Ion:142 Resp: 50207
Ion Ratio Lower Upper
142 100
127 47.5 36.2 54.2
141 15.4 11.7 17.5

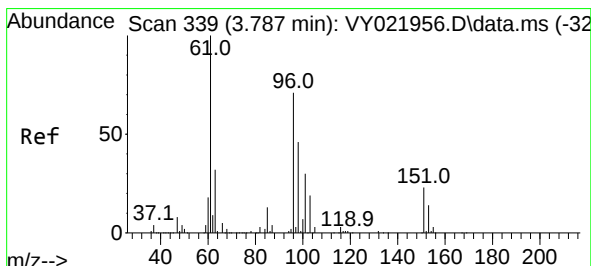
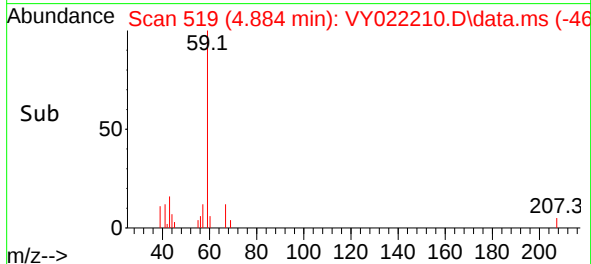
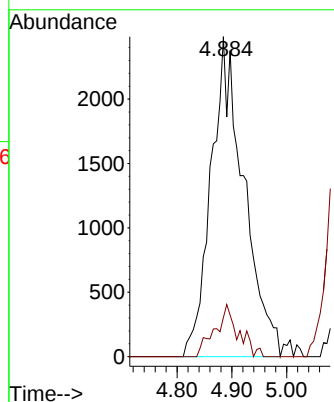
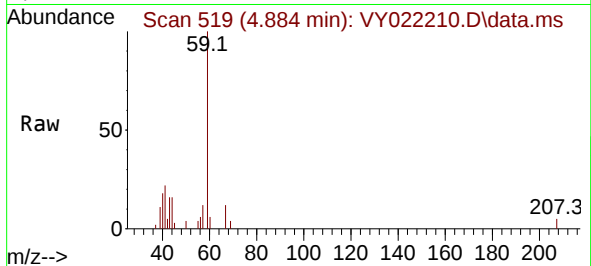




#11
Tert butyl alcohol
Concen: 93.908 ug/l
RT: 4.884 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

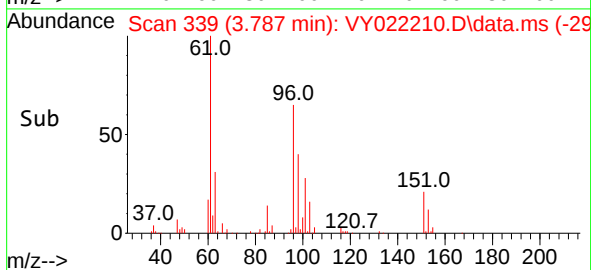
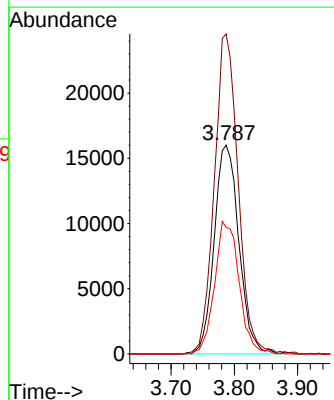
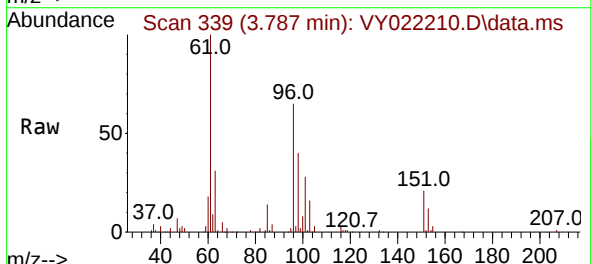
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

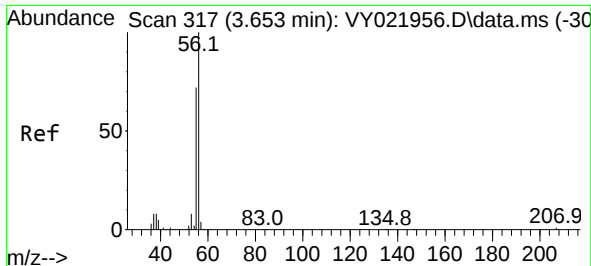
Tgt Ion: 59 Resp: 10317
Ion Ratio Lower Upper
59 100
57 11.6 9.3 13.9



#12
1,1-Dichloroethene
Concen: 20.103 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

Tgt Ion: 96 Resp: 43298
Ion Ratio Lower Upper
96 100
61 153.2 113.0 169.4
98 60.6 51.4 77.2





#13

Acrolein

Concen: 33.213 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

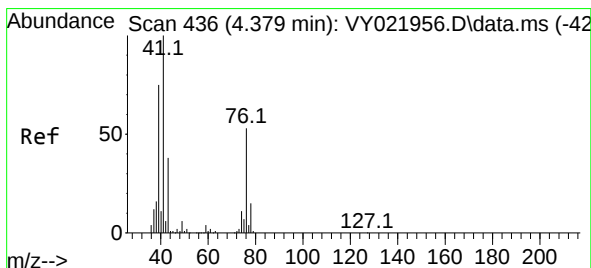
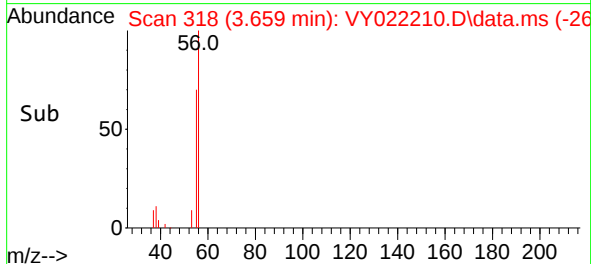
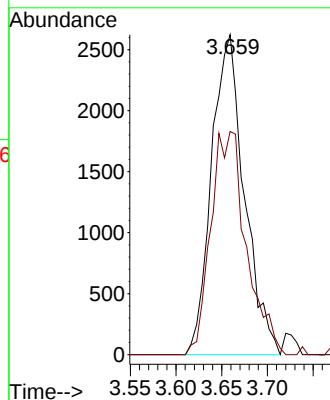
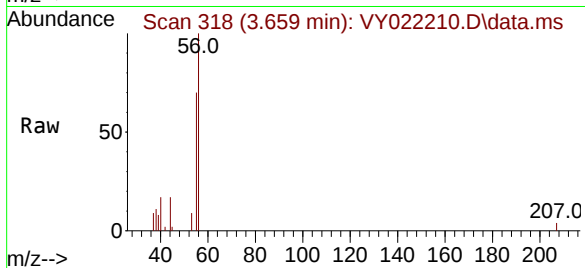
VY0512SBS01

Tgt Ion: 56 Resp: 6549

Ion Ratio Lower Upper

56 100

55 75.4 57.4 86.0



#14

Allyl chloride

Concen: 21.114 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

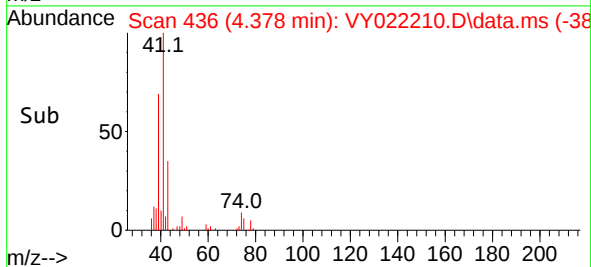
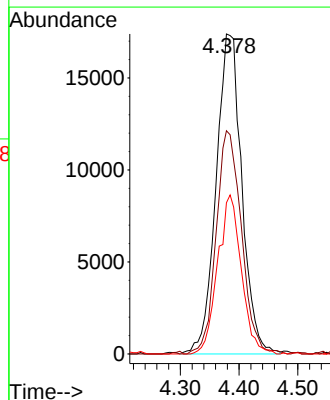
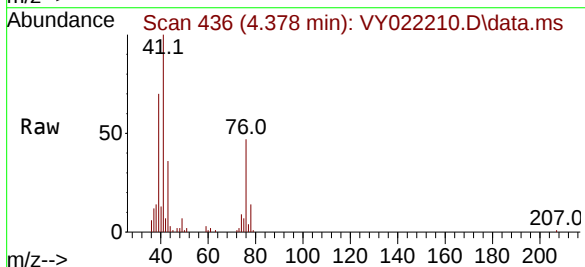
Tgt Ion: 41 Resp: 52950

Ion Ratio Lower Upper

41 100

39 68.4 57.2 85.8

76 45.8 39.7 59.5

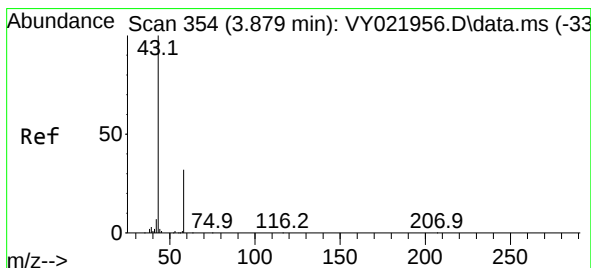
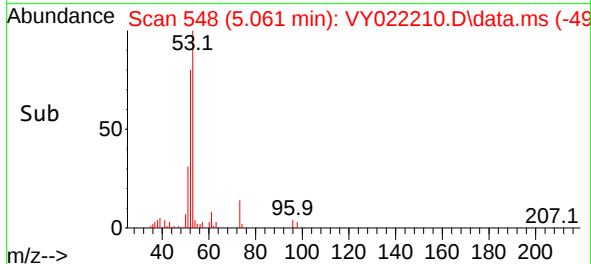
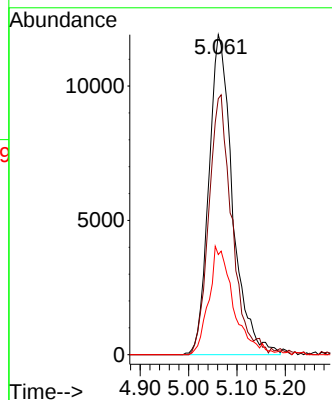
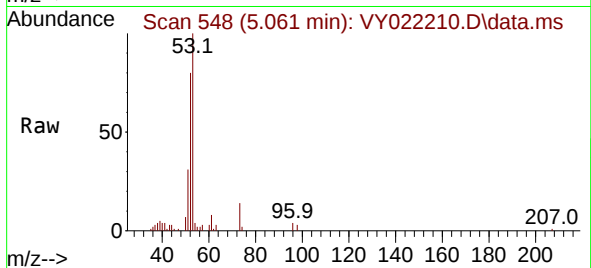




#15
Acrylonitrile
Concen: 100.485 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

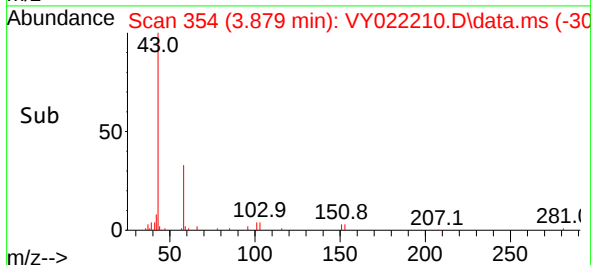
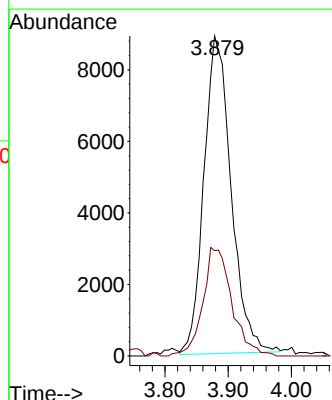
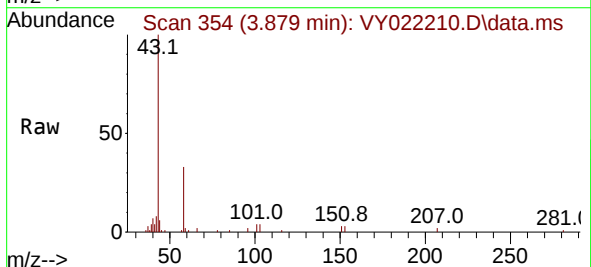
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

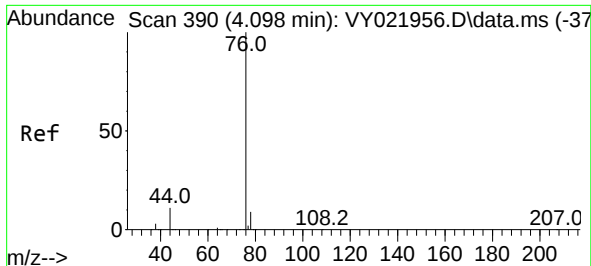
Tgt Ion: 53 Resp: 40784
Ion Ratio Lower Upper
53 100
52 78.8 65.0 97.6
51 35.1 28.9 43.3



#16
Acetone
Concen: 87.553 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

Tgt Ion: 43 Resp: 26569
Ion Ratio Lower Upper
43 100
58 33.4 27.0 40.4

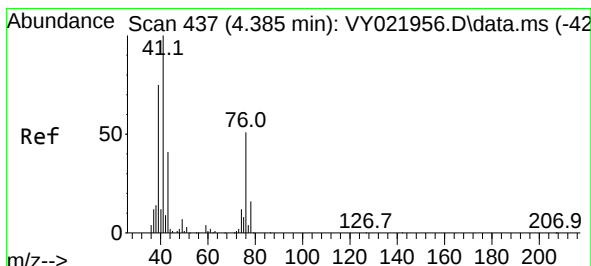
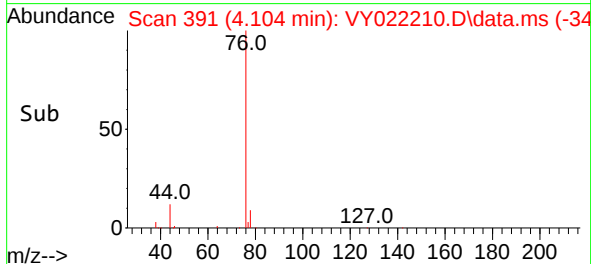
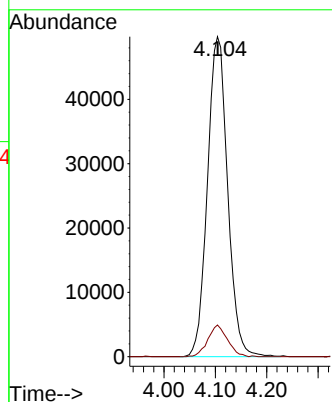
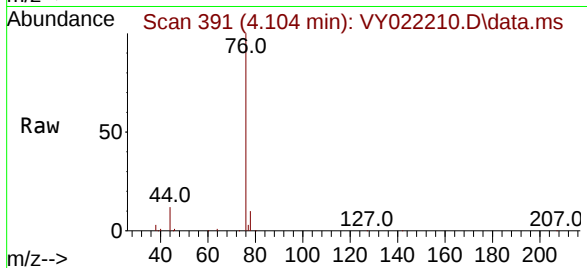




#17
Carbon Disulfide
Concen: 19.757 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

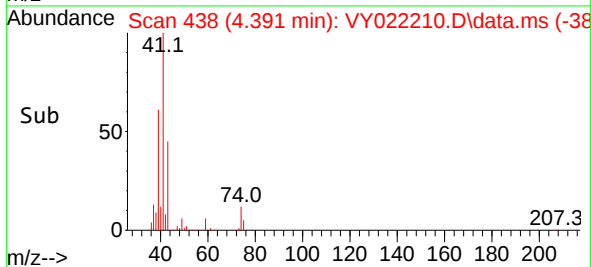
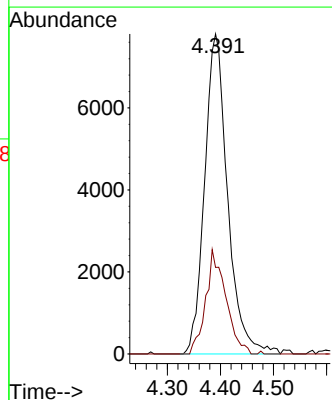
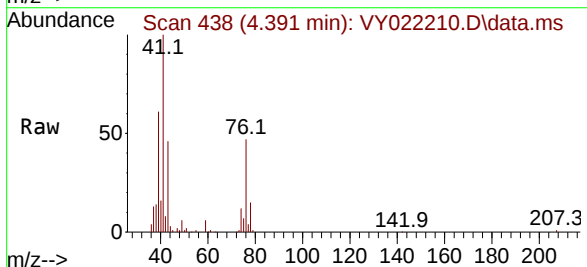
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

Tgt Ion: 76 Resp: 135674
Ion Ratio Lower Upper
76 100
78 9.9 7.6 11.4



#18
Methyl Acetate
Concen: 25.154 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

Tgt Ion: 43 Resp: 23514
Ion Ratio Lower Upper
43 100
74 28.5 24.2 36.4

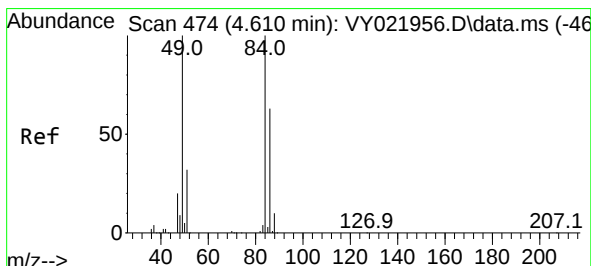
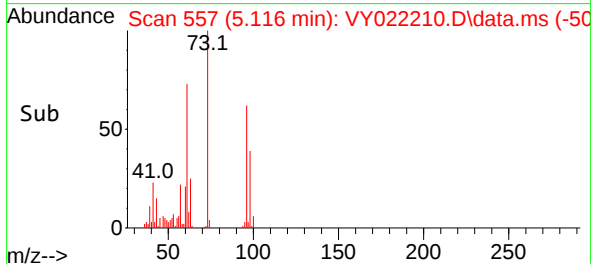
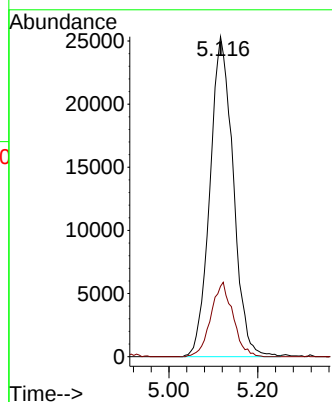
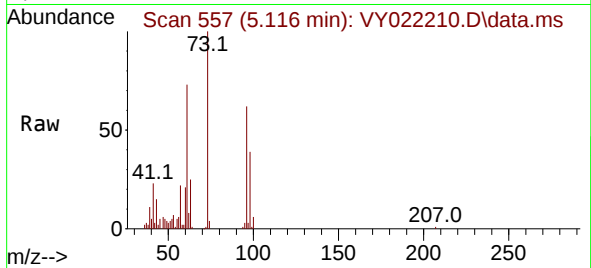




#19
Methyl tert-butyl Ether
Concen: 19.114 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

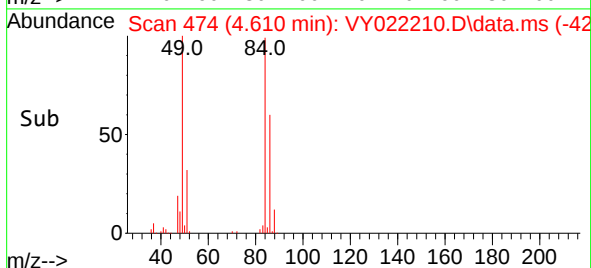
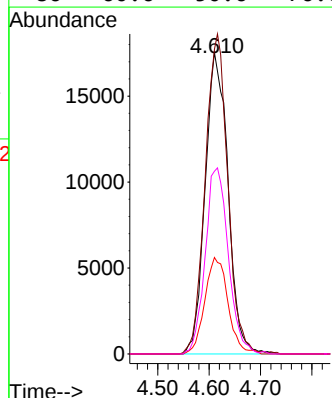
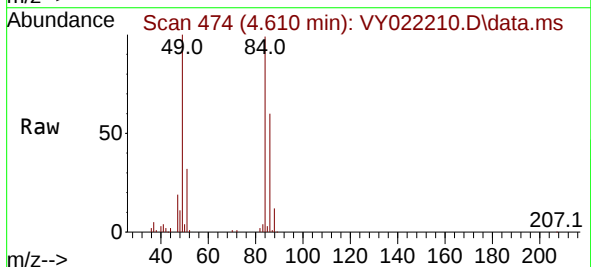
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

Tgt Ion: 73 Resp: 92141
Ion Ratio Lower Upper
73 100
57 22.0 16.9 25.3



#20
Methylene Chloride
Concen: 21.384 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

Tgt Ion: 84 Resp: 54110
Ion Ratio Lower Upper
84 100
49 101.0 79.9 119.9
51 32.0 25.4 38.0
86 60.6 50.6 76.0

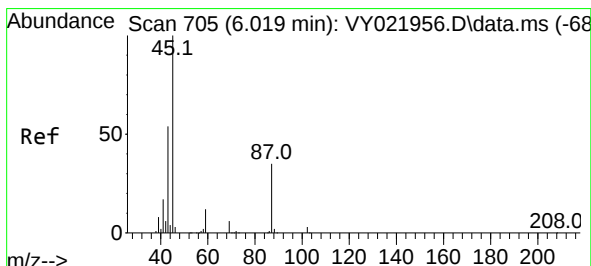
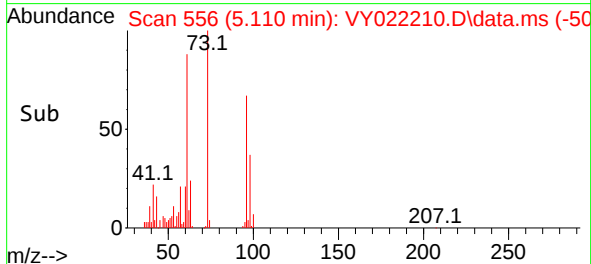
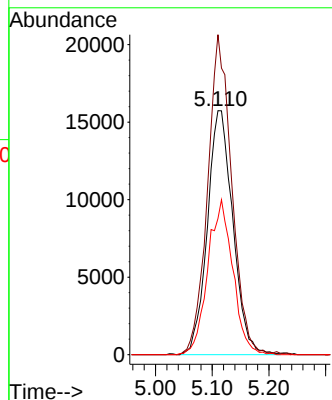
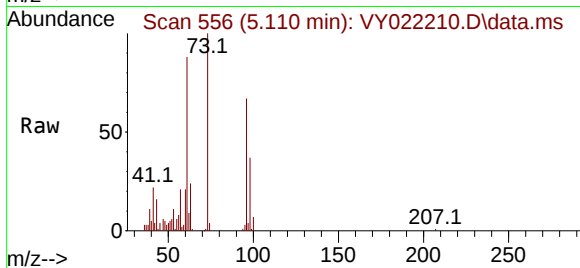




#21
trans-1,2-Dichloroethene
Concen: 20.429 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. 0.006 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

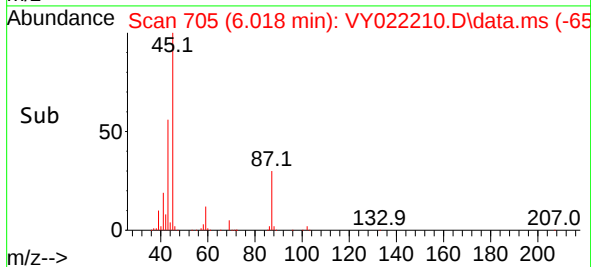
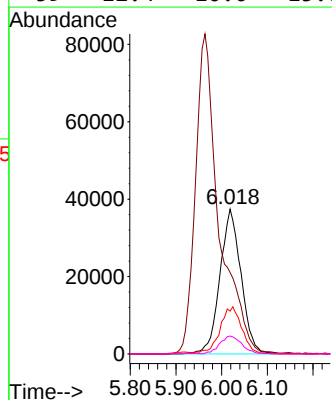
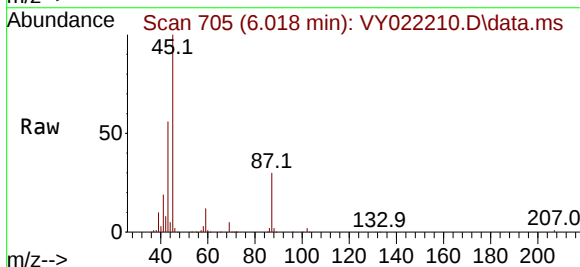
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

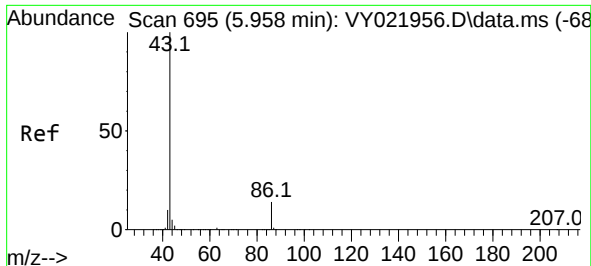
Tgt Ion: 96 Resp: 49277
Ion Ratio Lower Upper
96 100
61 131.2 92.6 138.8
98 55.8 50.2 75.4



#22
Diisopropyl ether
Concen: 21.551 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

Tgt Ion: 45 Resp: 120272
Ion Ratio Lower Upper
45 100
43 55.7 43.6 65.4
87 29.6 28.2 42.4
59 12.4 10.0 15.0

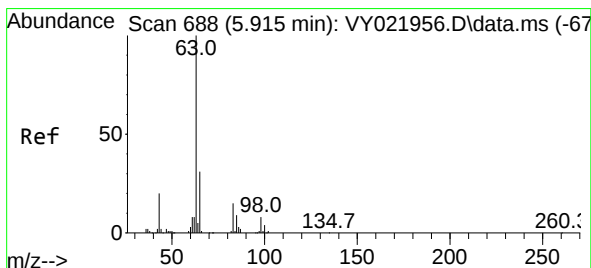
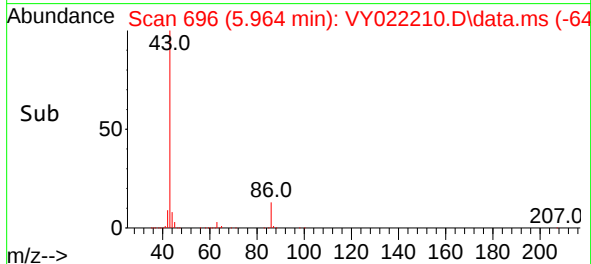
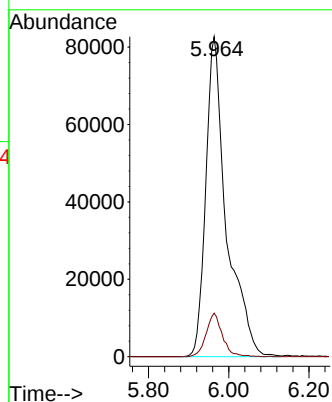
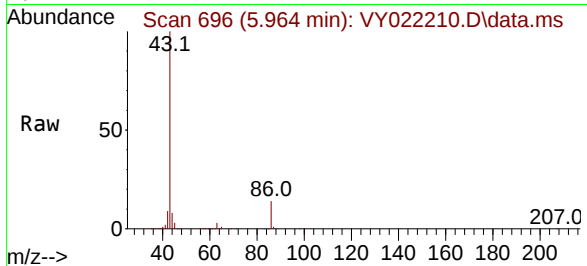




#23
 Vinyl Acetate
 Concen: 98.202 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY022210.D
 Acq: 12 May 2025 09:28

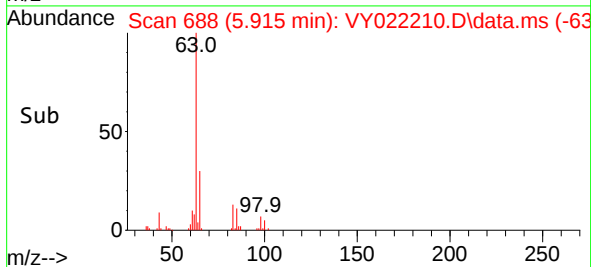
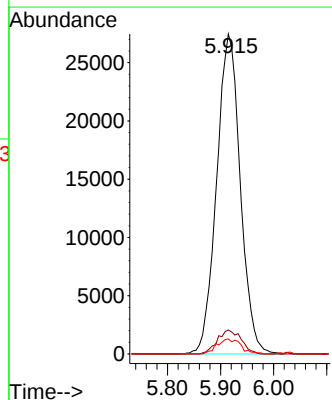
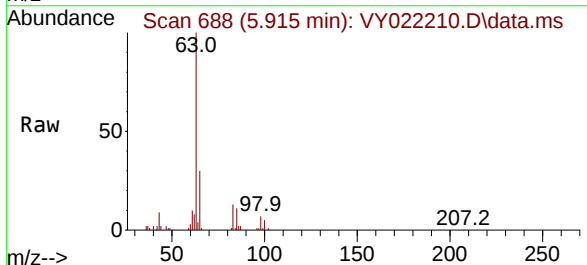
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBS01

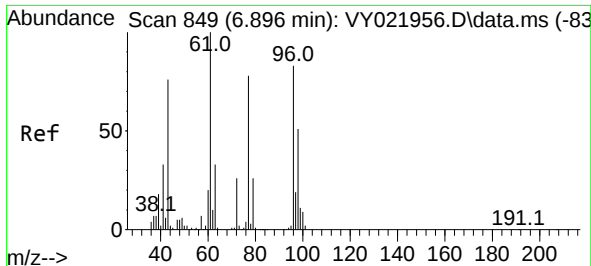
Tgt Ion: 43 Resp: 295364
 Ion Ratio Lower Upper
 43 100
 86 13.6 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 21.995 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022210.D
 Acq: 12 May 2025 09:28

Tgt Ion: 63 Resp: 85086
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 11.9
 100 4.7 2.0 6.0





#25

2-Butanone

Concen: 94.375 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

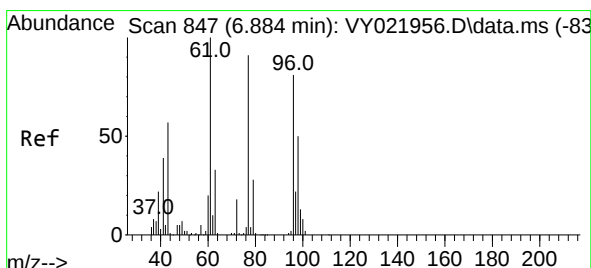
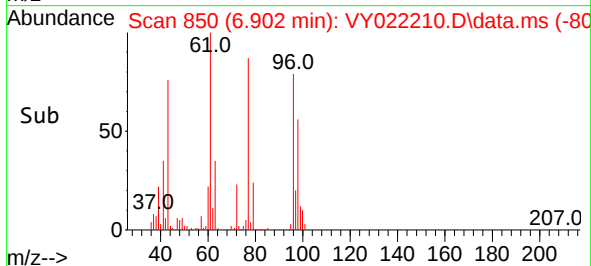
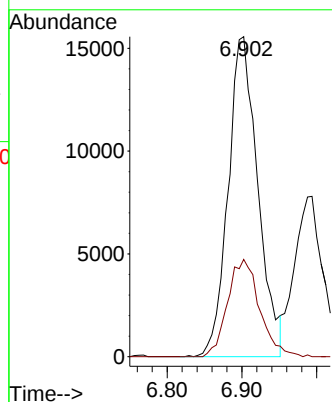
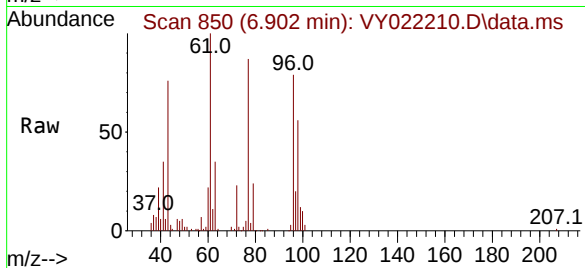
VY0512SBS01

Tgt Ion: 43 Resp: 43050

Ion Ratio Lower Upper

43 100

72 30.4 27.0 40.4



#26

2,2-Dichloropropane

Concen: 22.083 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY022210.D

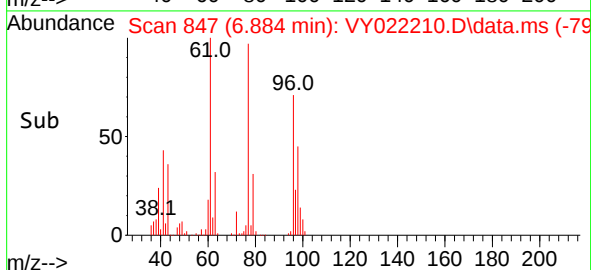
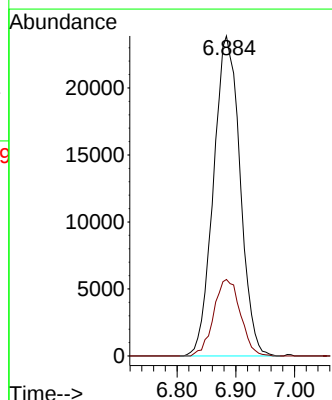
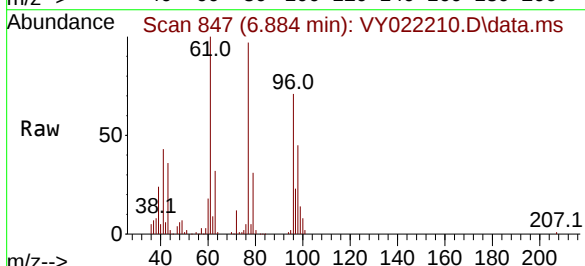
Acq: 12 May 2025 09:28

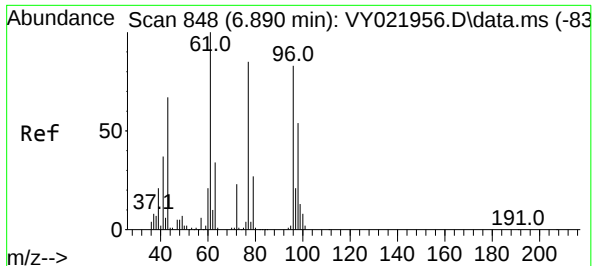
Tgt Ion: 77 Resp: 74872

Ion Ratio Lower Upper

77 100

97 24.0 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 20.705 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

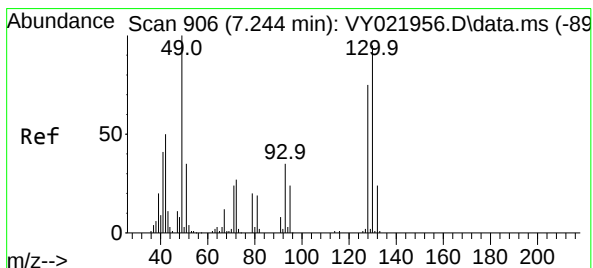
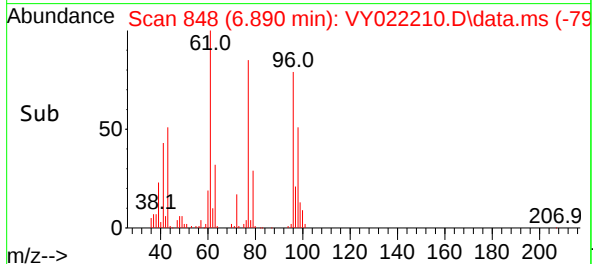
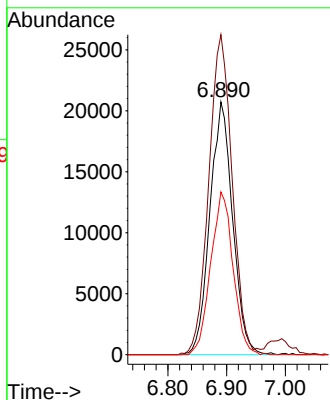
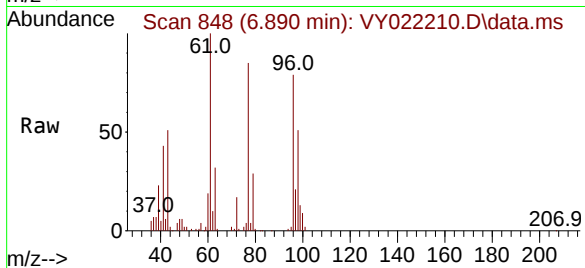
Tgt Ion: 96 Resp: 55842

Ion Ratio Lower Upper

96 100

61 130.2 0.0 251.4

98 63.1 0.0 128.4



#28

Bromochloromethane

Concen: 22.336 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

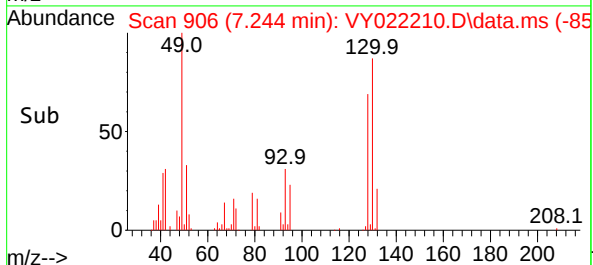
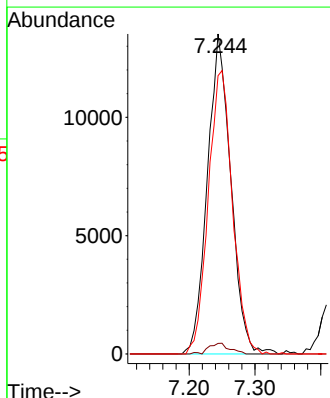
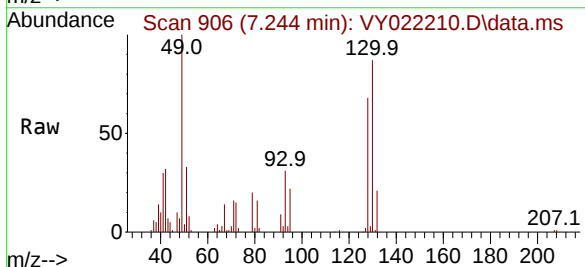
Tgt Ion: 49 Resp: 33561

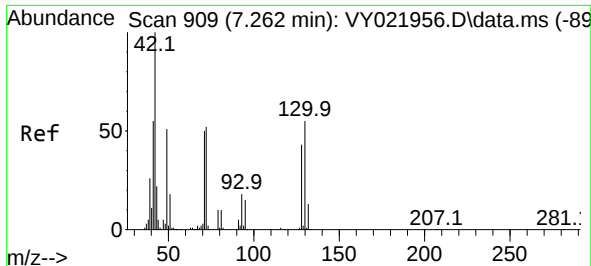
Ion Ratio Lower Upper

49 100

129 3.0 0.0 5.0

130 91.3 78.2 117.4





#29

Tetrahydrofuran

Concen: 97.912 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

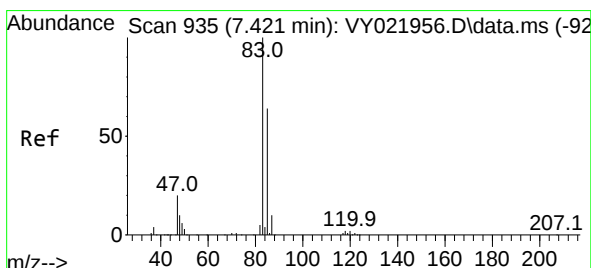
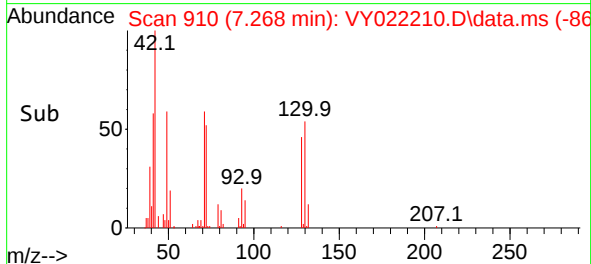
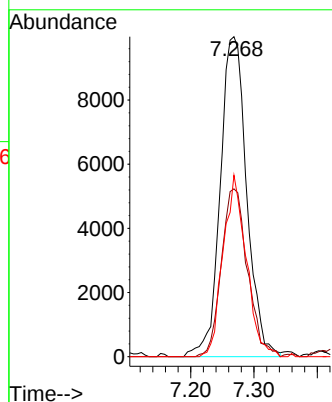
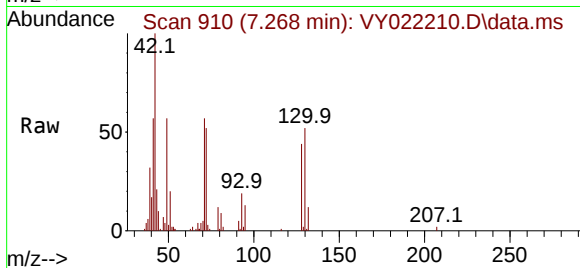
Tgt Ion: 42 Resp: 29008

Ion Ratio Lower Upper

42 100

72 51.8 42.6 63.8

71 49.7 40.6 61.0



#30

Chloroform

Concen: 21.822 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022210.D

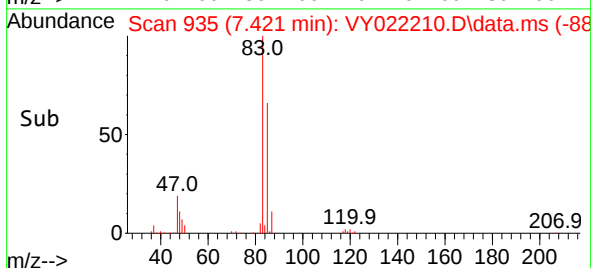
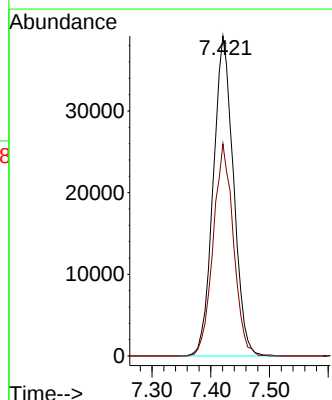
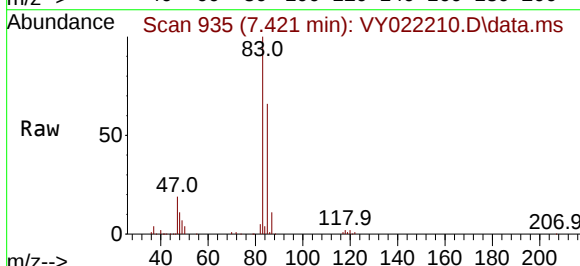
Acq: 12 May 2025 09:28

Tgt Ion: 83 Resp: 93637

Ion Ratio Lower Upper

83 100

85 66.3 51.3 76.9

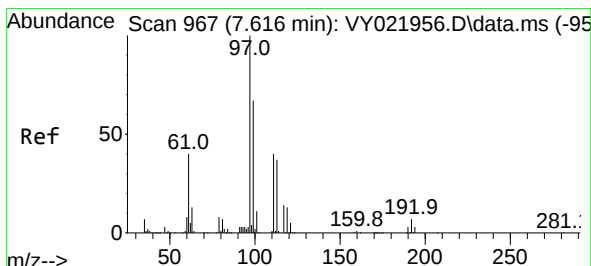
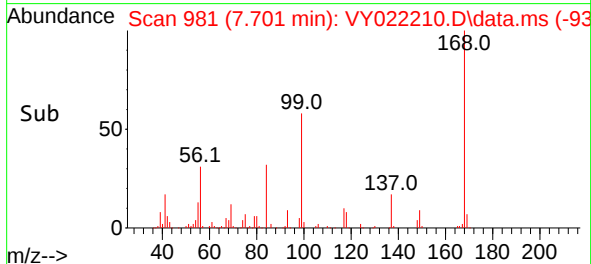
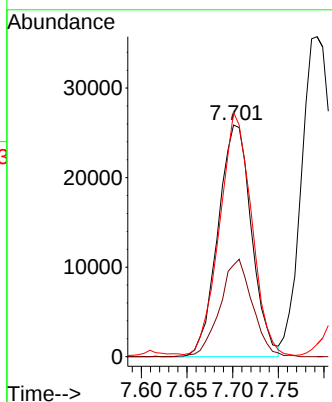
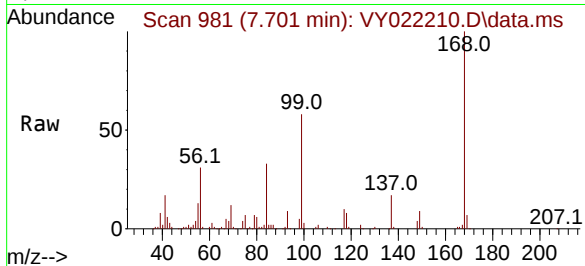




#31
Cyclohexane
Concen: 19.937 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

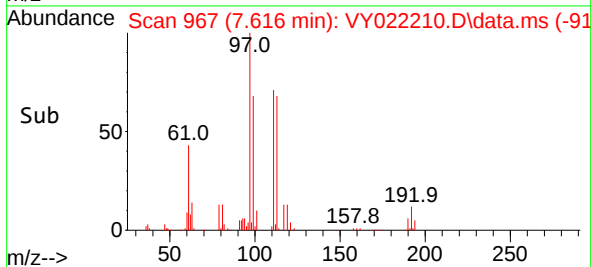
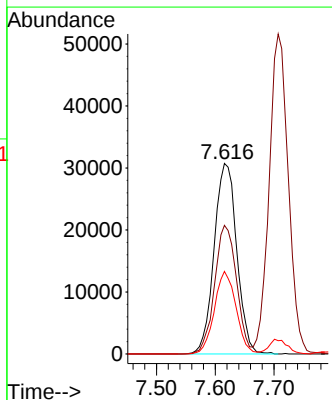
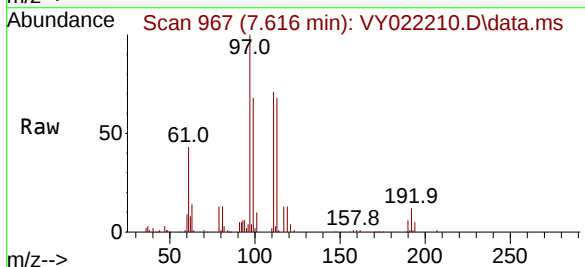
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

Tgt Ion: 56 Resp: 65954
Ion Ratio Lower Upper
56 100
69 39.3 29.4 44.2
84 104.2 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 21.239 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

Tgt Ion: 97 Resp: 82451
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.2
61 41.3 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 48.154 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

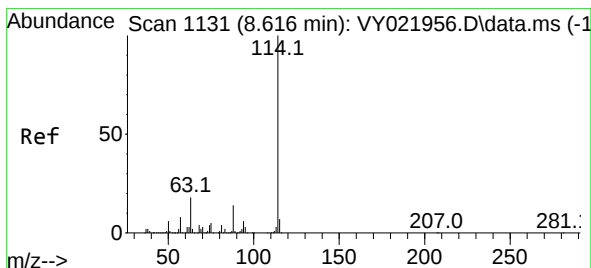
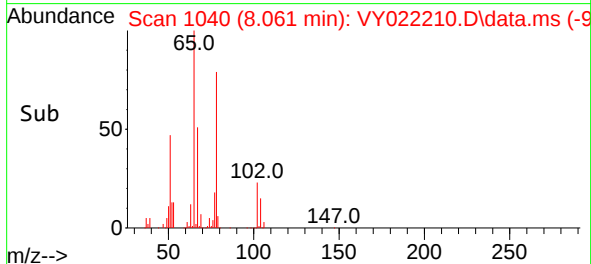
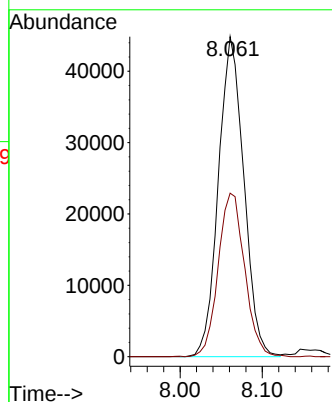
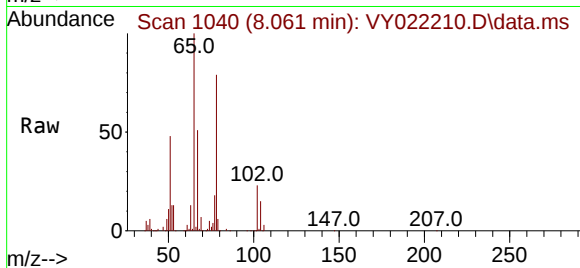
VY0512SBS01

Tgt Ion: 65 Resp: 96365

Ion Ratio Lower Upper

65 100

67 53.1 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: VY022210.D

Acq: 12 May 2025 09:28

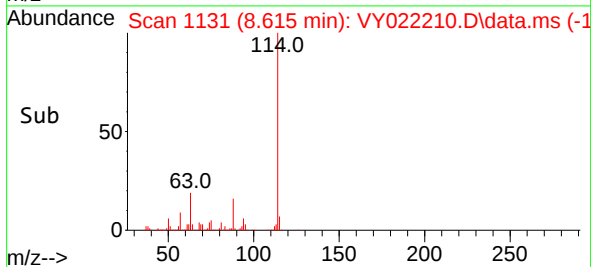
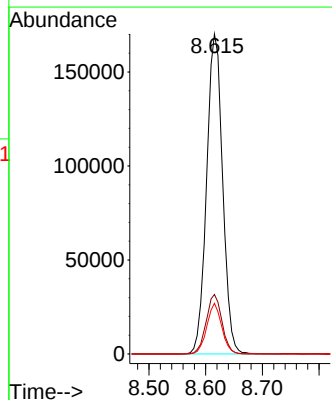
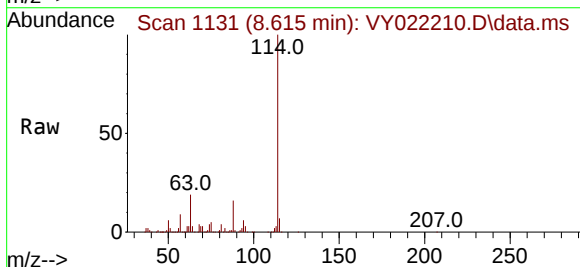
Tgt Ion: 114 Resp: 334827

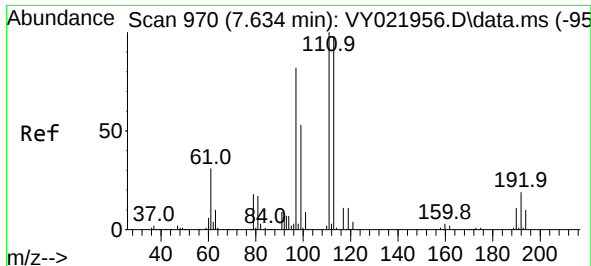
Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.4

88 15.8 0.0 28.2

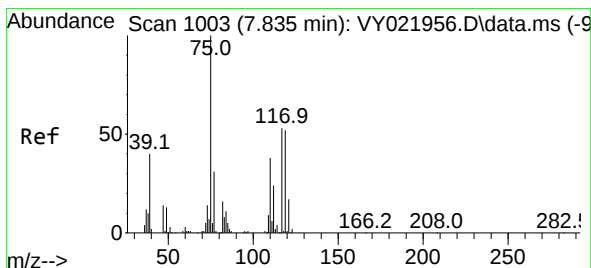
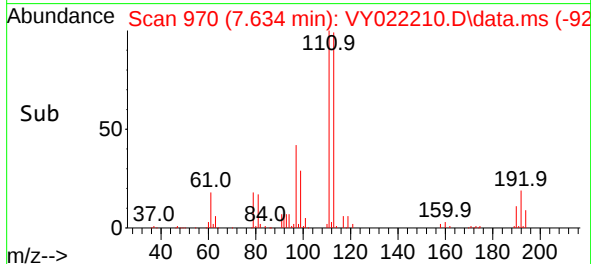
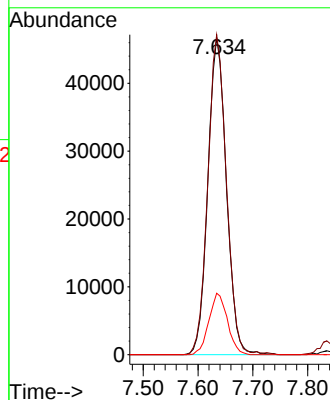
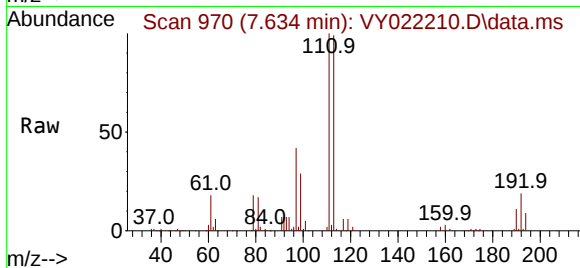




#35
Dibromofluoromethane
Concen: 49.450 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

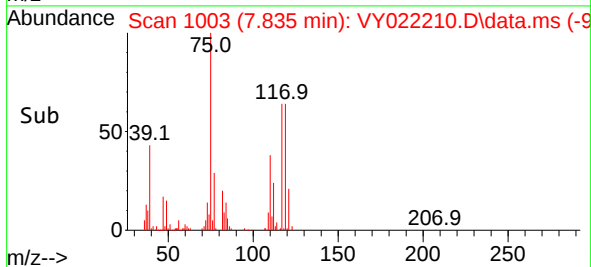
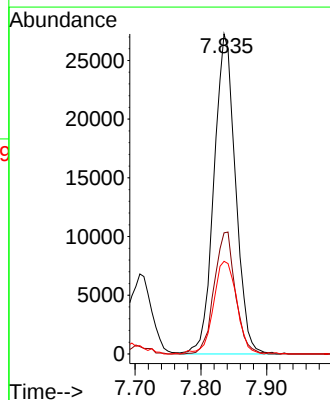
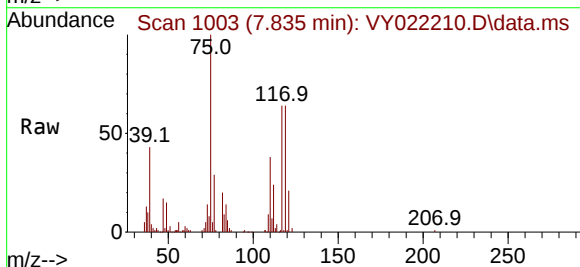
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

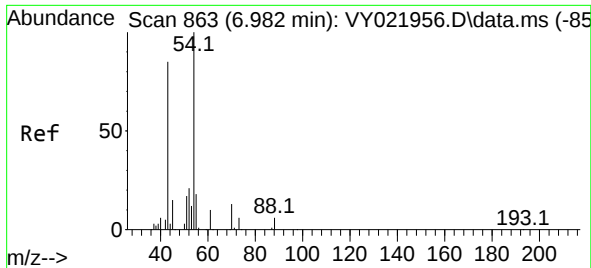
Tgt Ion:113 Resp: 109386
Ion Ratio Lower Upper
113 100
111 100.9 81.8 122.8
192 19.4 15.6 23.4



#36
1,1-Dichloropropene
Concen: 20.902 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

Tgt Ion: 75 Resp: 62108
Ion Ratio Lower Upper
75 100
110 37.5 19.1 57.3
77 31.3 25.5 38.3

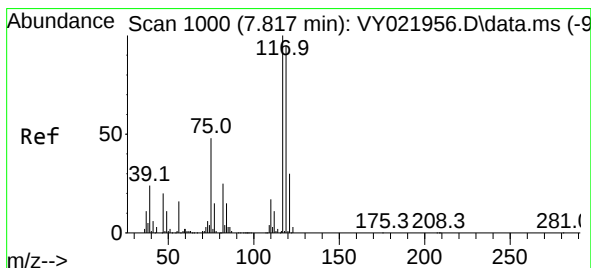
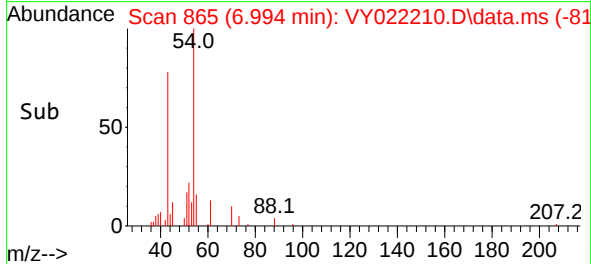
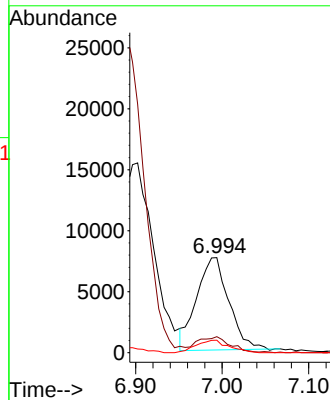
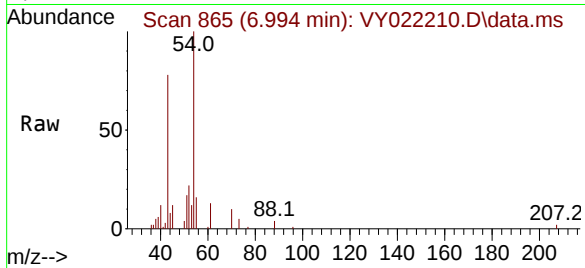




#37
Ethyl Acetate
Concen: 18.312 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

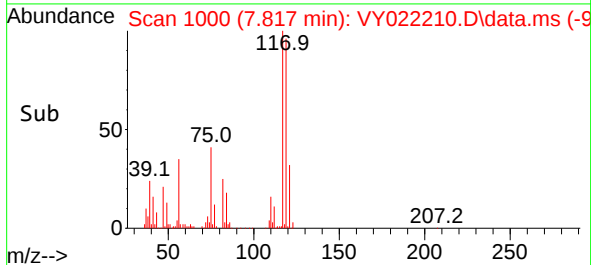
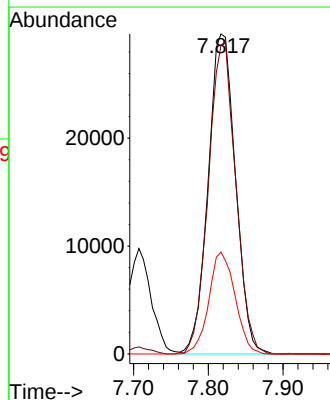
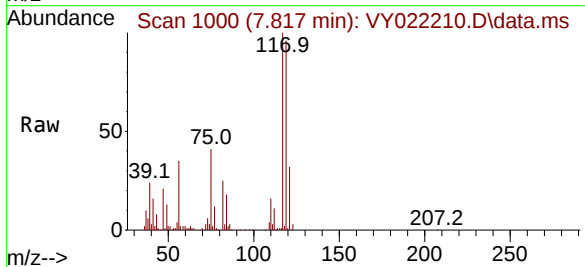
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

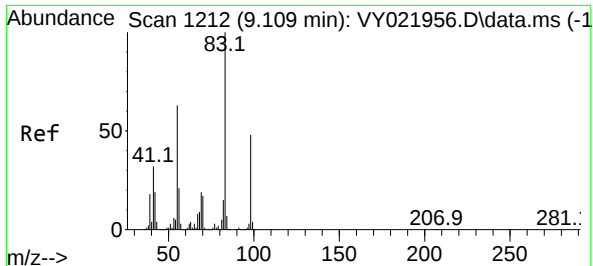
Tgt Ion: 43 Resp: 19542
Ion Ratio Lower Upper
43 100
61 18.0 13.8 20.6
70 13.6 9.2 13.8



#38
Carbon Tetrachloride
Concen: 21.278 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

Tgt Ion: 117 Resp: 75551
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.4
121 31.8 24.0 36.0





#39

Methylcyclohexane

Concen: 19.343 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

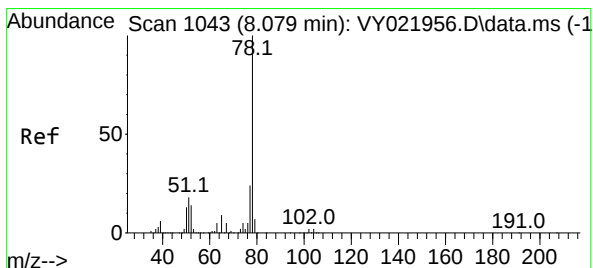
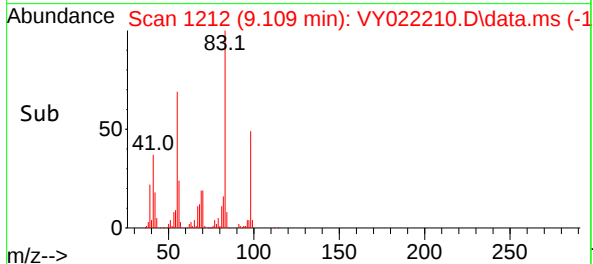
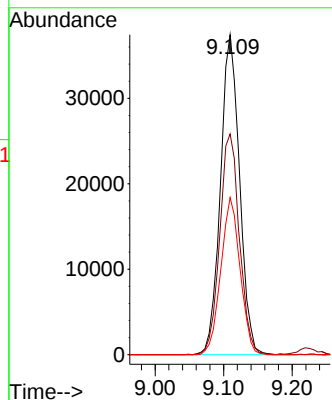
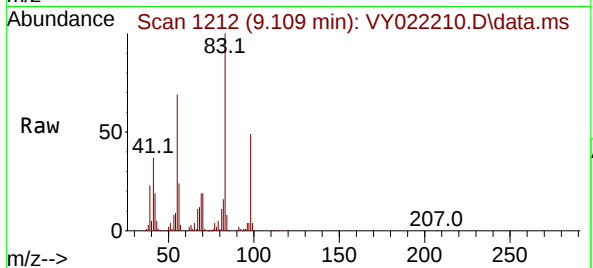
Tgt Ion: 83 Resp: 72328

Ion Ratio Lower Upper

83 100

55 69.0 50.6 75.8

98 49.1 38.6 58.0



#40

Benzene

Concen: 21.429 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022210.D

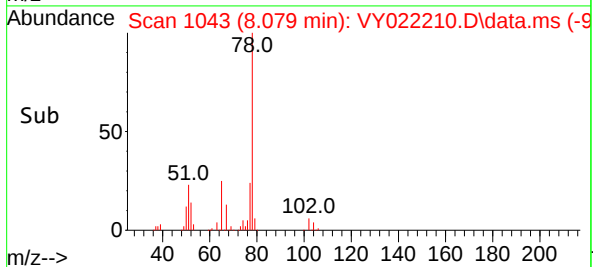
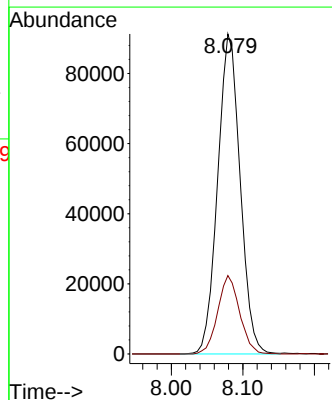
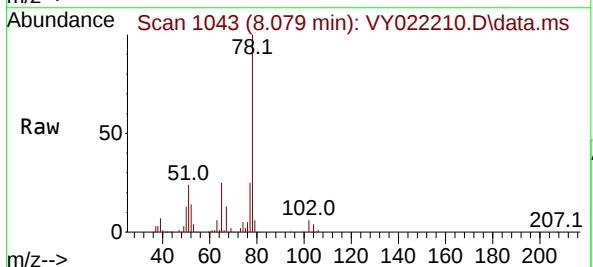
Acq: 12 May 2025 09:28

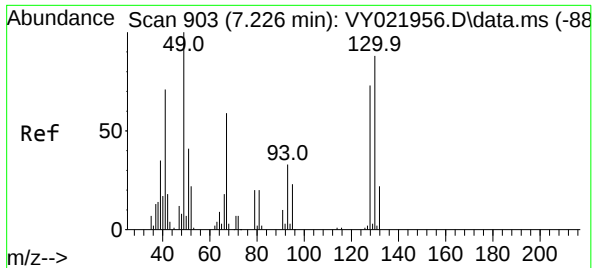
Tgt Ion: 78 Resp: 199040

Ion Ratio Lower Upper

78 100

77 24.5 19.3 28.9

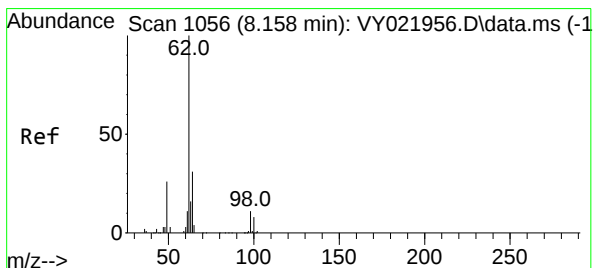
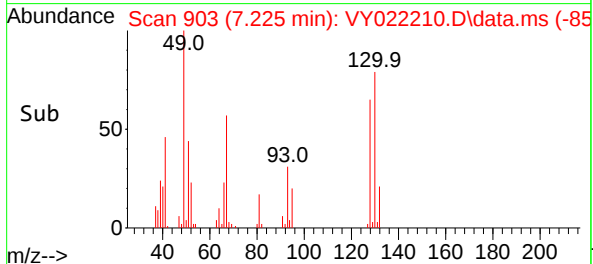
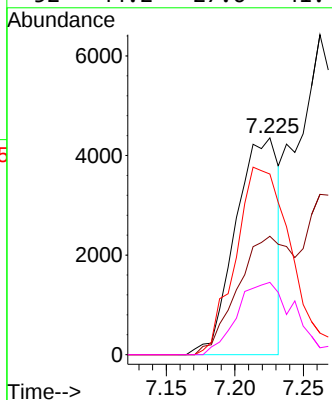
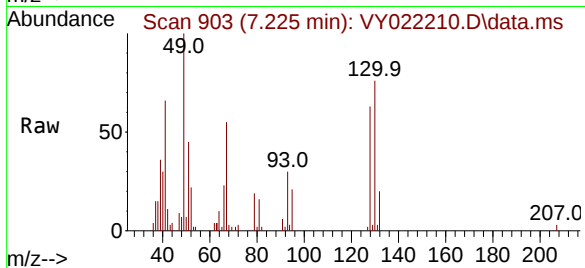




#41
Methacrylonitrile
Concen: 16.257 ug/l
RT: 7.225 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

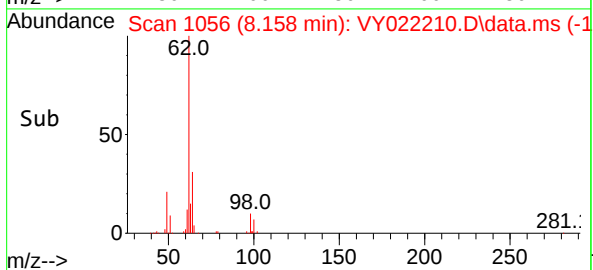
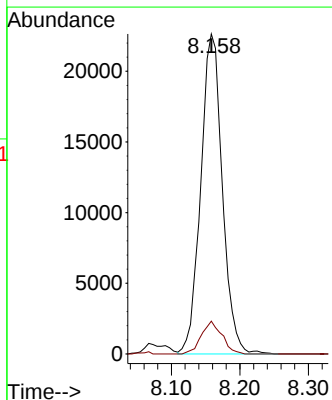
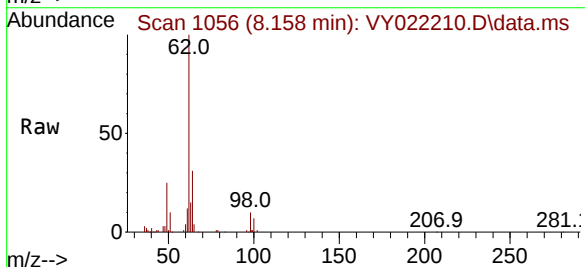
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

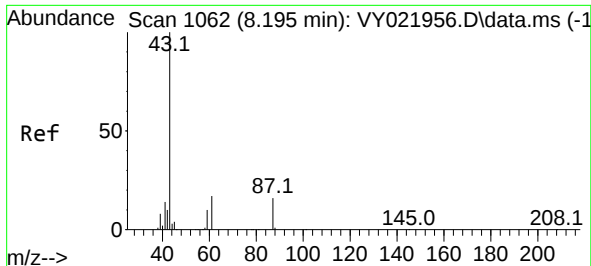
Tgt Ion:	41	Resp:	9484
Ion	Ratio	Lower	Upper
41	100		
39	69.1	36.6	55.0#
67	113.3	72.2	108.4#
52	44.2	27.6	41.4#



#42
1,2-Dichloroethane
Concen: 21.602 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

Tgt Ion:	62	Resp:	49678
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	22.0

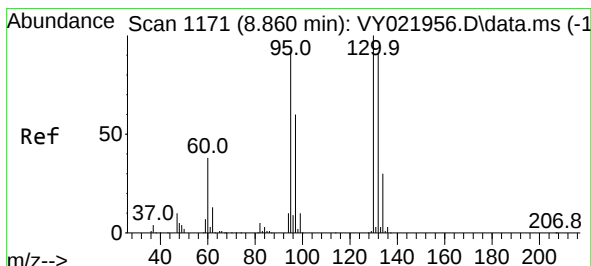
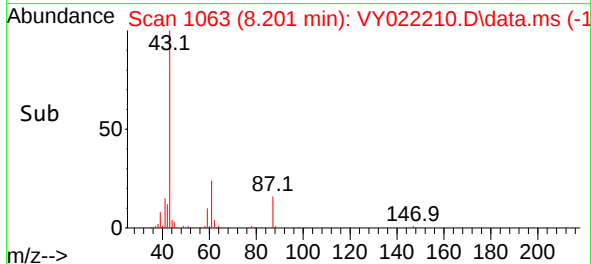
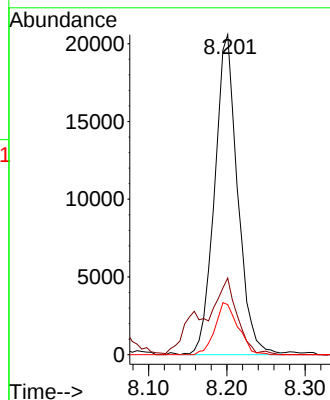
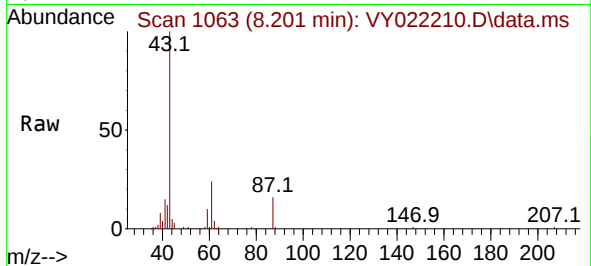




#43
Isopropyl Acetate
Concen: 20.514 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

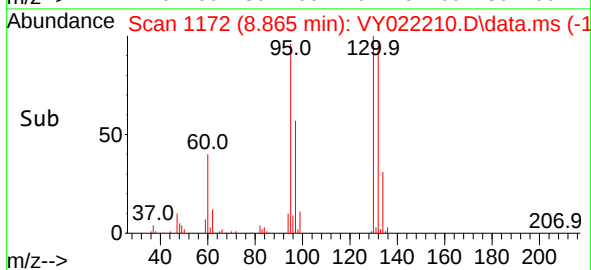
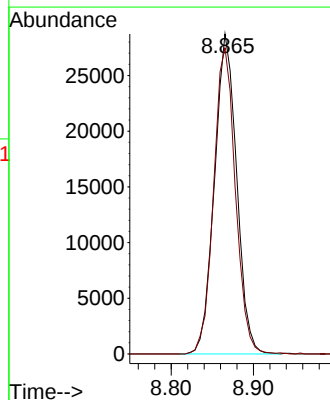
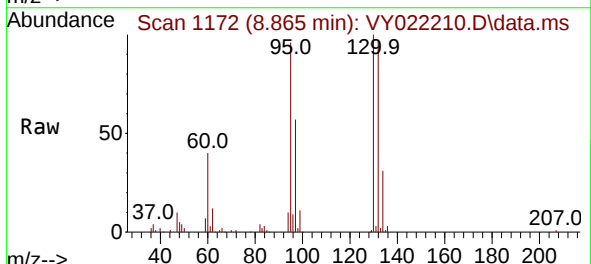
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

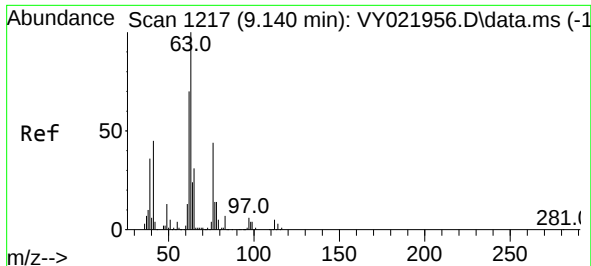
Tgt Ion: 43 Resp: 42041
Ion Ratio Lower Upper
43 100
61 22.3 18.9 28.3
87 16.3 13.7 20.5



#44
Trichloroethene
Concen: 20.920 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

Tgt Ion: 130 Resp: 53821
Ion Ratio Lower Upper
130 100
95 95.7 0.0 183.2





#45

1,2-Dichloropropane

Concen: 22.394 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

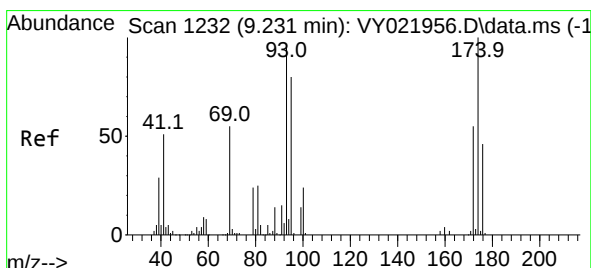
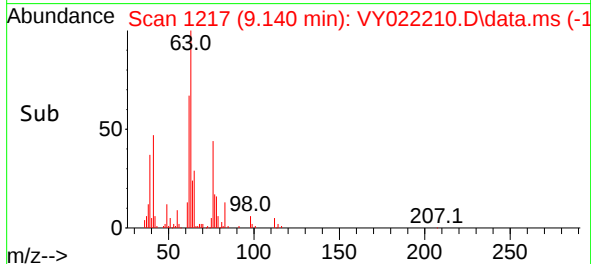
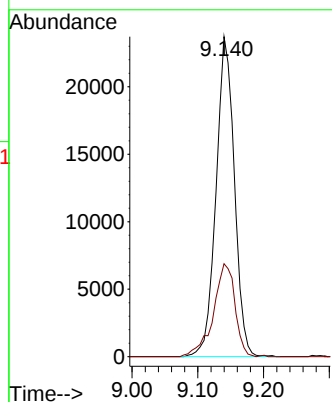
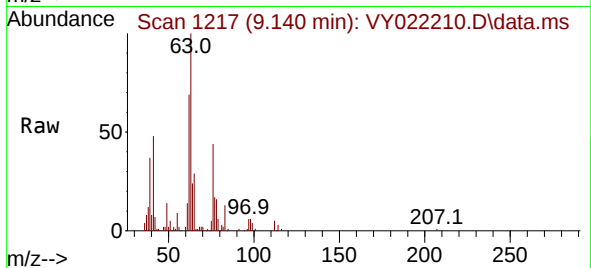
VY0512SBS01

Tgt Ion: 63 Resp: 45998

Ion Ratio Lower Upper

63 100

65 29.1 25.2 37.8



#46

Dibromomethane

Concen: 20.412 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

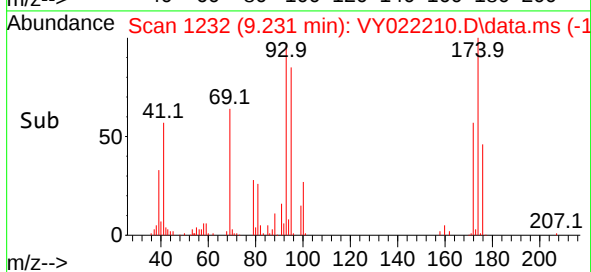
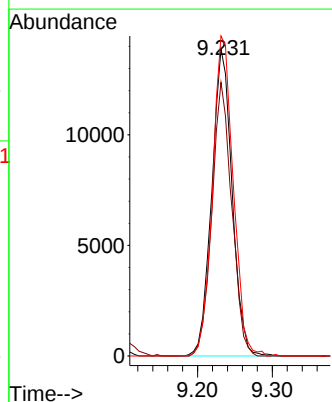
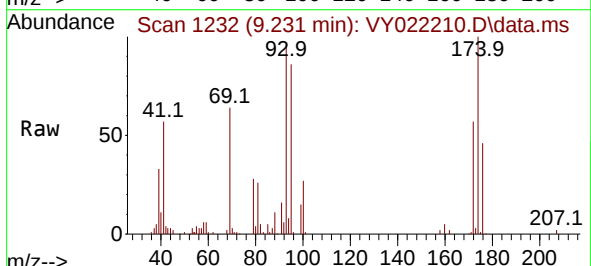
Tgt Ion: 93 Resp: 26246

Ion Ratio Lower Upper

93 100

95 86.8 66.7 100.1

174 105.9 84.6 127.0

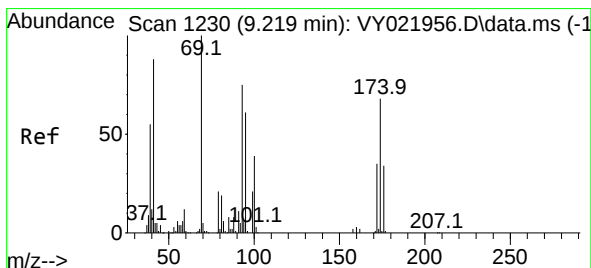
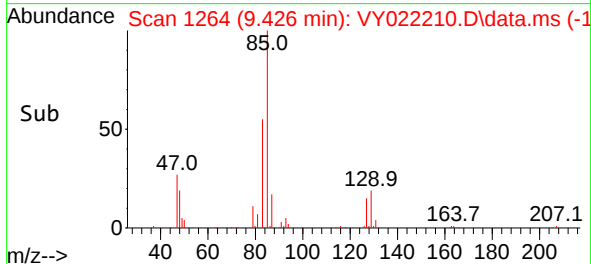
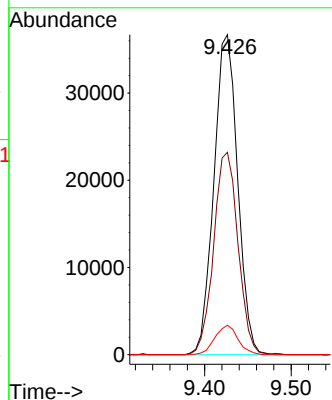
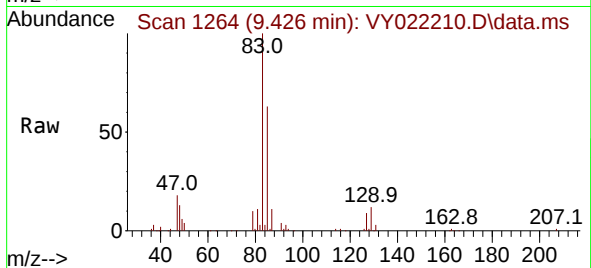




#47
Bromodichloromethane
Concen: 21.774 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

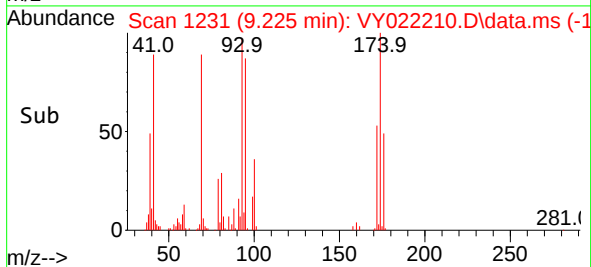
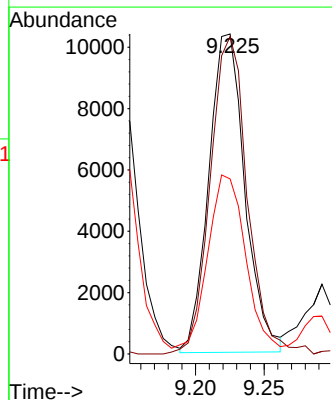
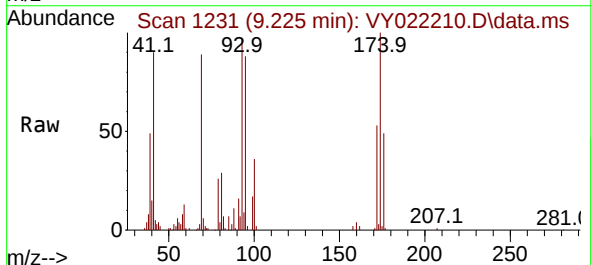
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

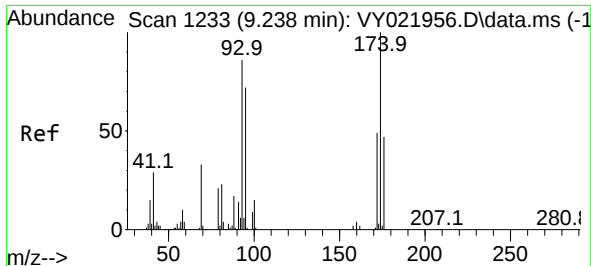
Tgt Ion: 83 Resp: 69942
Ion Ratio Lower Upper
83 100
85 63.2 51.8 77.8
127 9.2 7.0 10.6



#48
Methyl methacrylate
Concen: 20.115 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

Tgt Ion: 41 Resp: 19057
Ion Ratio Lower Upper
41 100
69 102.4 85.5 128.3
39 56.2 46.2 69.4





#49

1,4-Dioxane

Concen: 377.821 ug/l

RT: 9.250 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

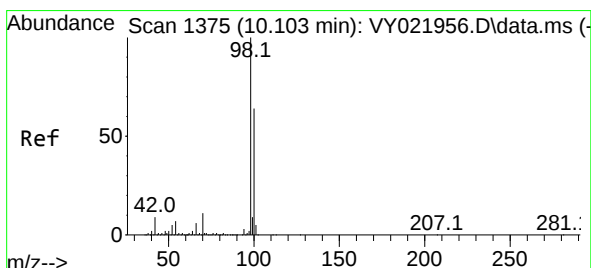
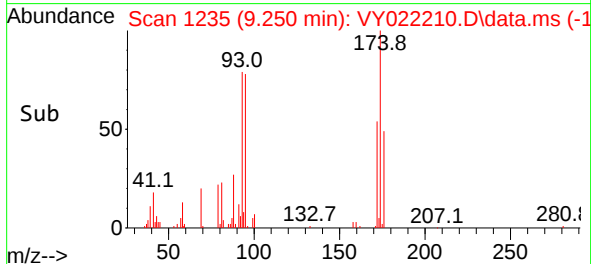
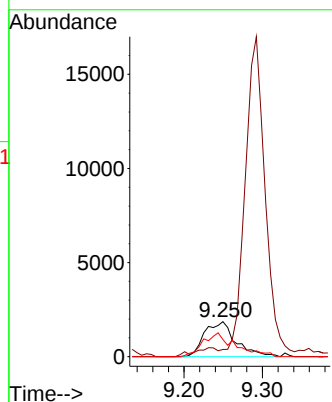
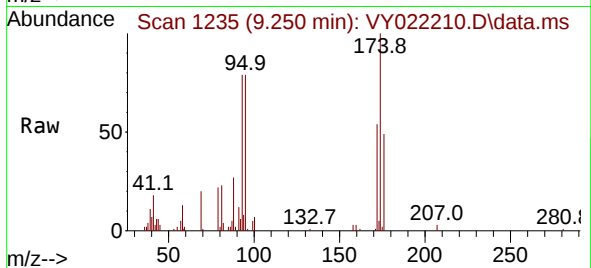
Tgt Ion: 88 Resp: 5178

Ion Ratio Lower Upper

88 100

43 19.0 21.3 31.9#

58 70.9 50.5 75.7



#50

Toluene-d8

Concen: 49.983 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022210.D

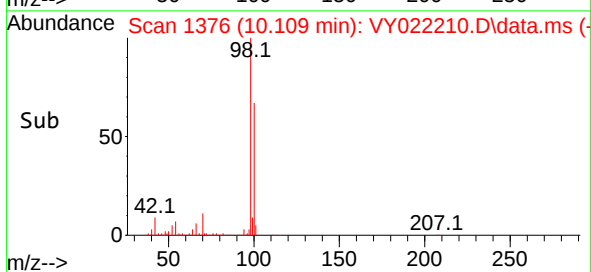
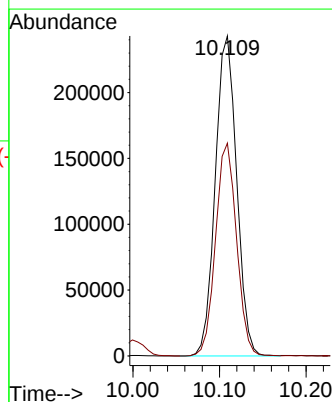
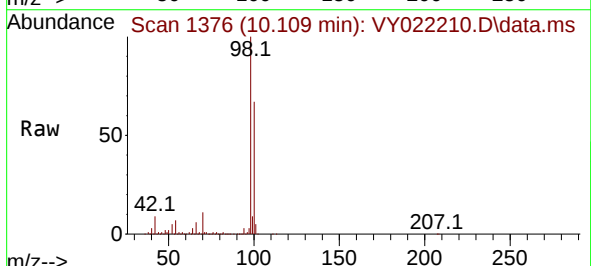
Acq: 12 May 2025 09:28

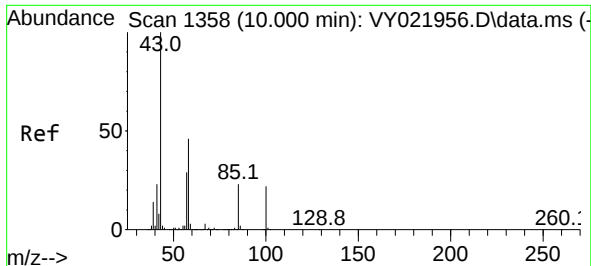
Tgt Ion: 98 Resp: 416832

Ion Ratio Lower Upper

98 100

100 65.5 51.6 77.4

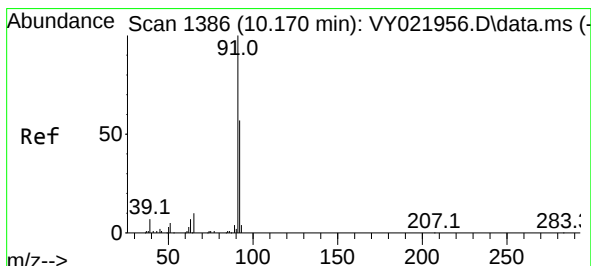
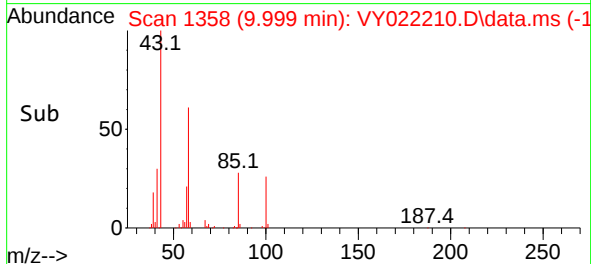
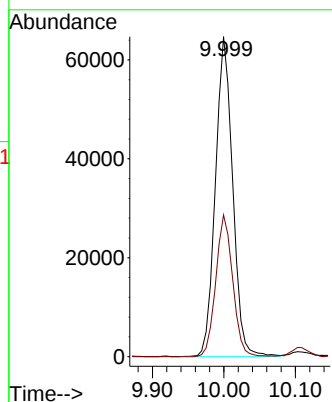
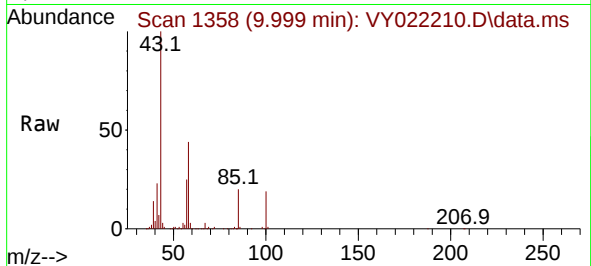




#51
4-Methyl-2-Pentanone
Concen: 101.190 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

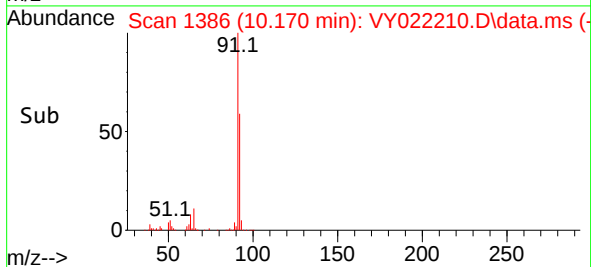
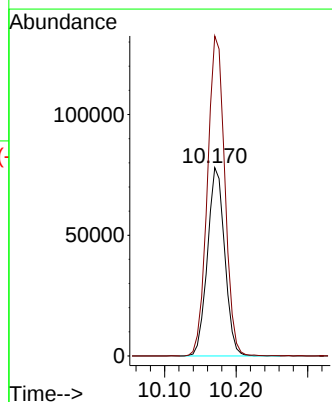
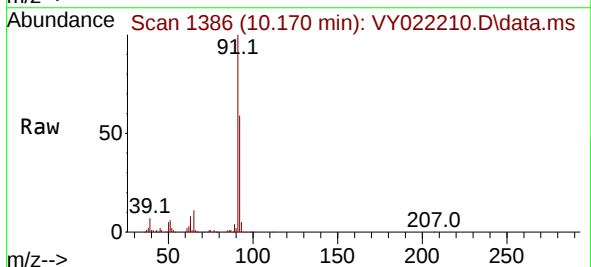
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

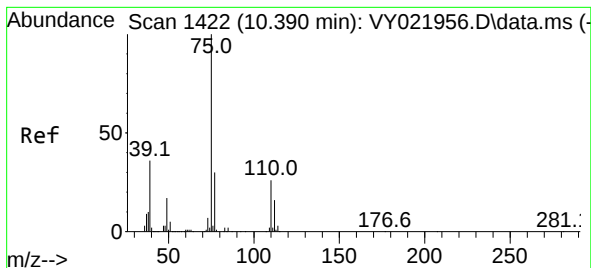
Tgt Ion: 43 Resp: 108711
Ion Ratio Lower Upper
43 100
58 43.4 36.6 55.0



#52
Toluene
Concen: 21.718 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

Tgt Ion: 92 Resp: 130578
Ion Ratio Lower Upper
92 100
91 171.5 138.6 207.8

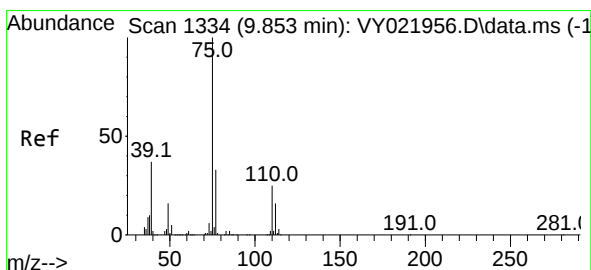
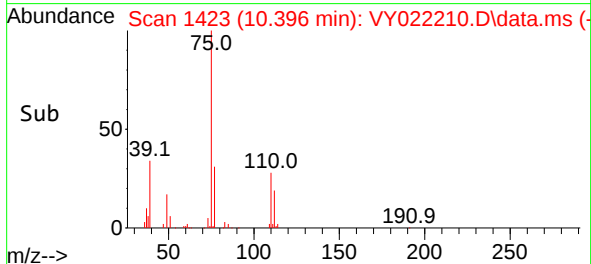
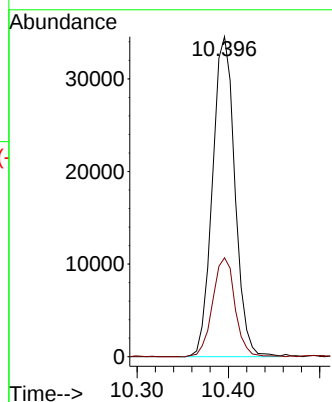
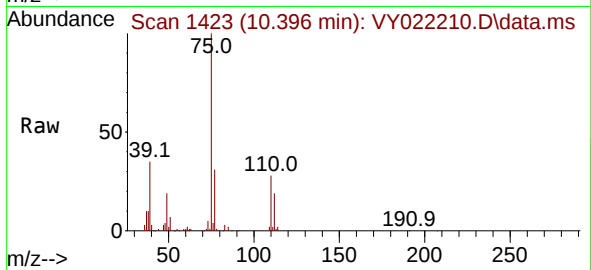




#53
 t-1,3-Dichloropropene
 Concen: 21.325 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022210.D
 Acq: 12 May 2025 09:28

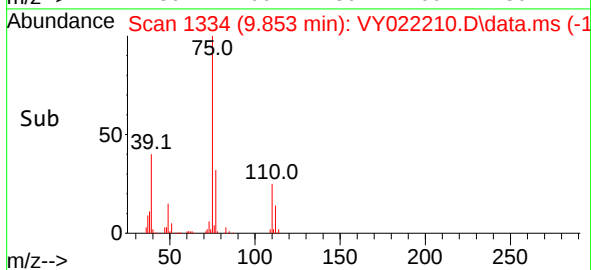
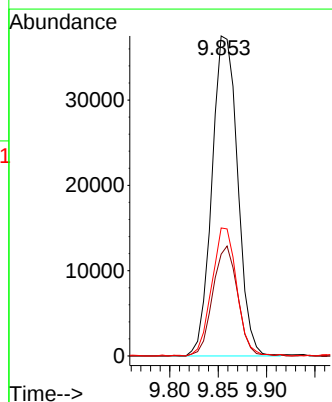
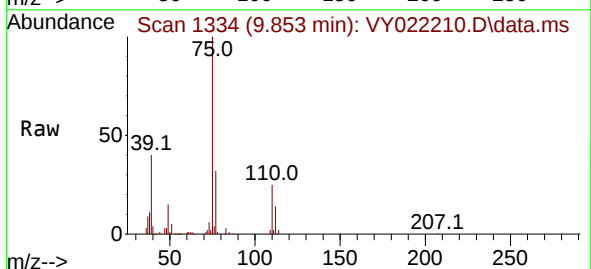
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBS01

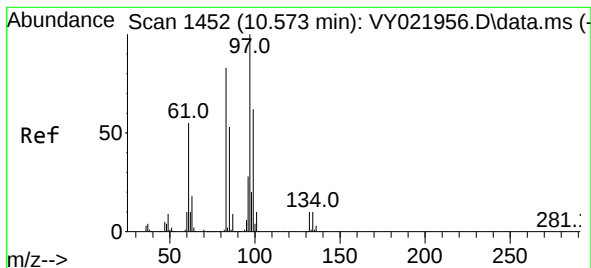
Tgt Ion: 75 Resp: 58755
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.118 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY022210.D
 Acq: 12 May 2025 09:28

Tgt Ion: 75 Resp: 69165
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.6 40.0
 39 39.8 29.6 44.4

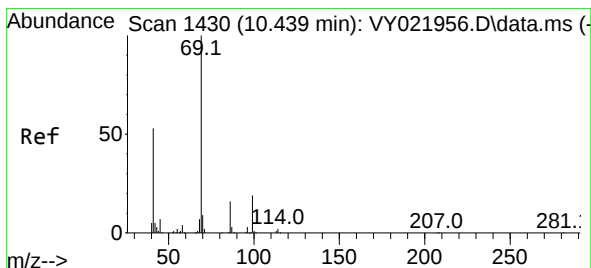
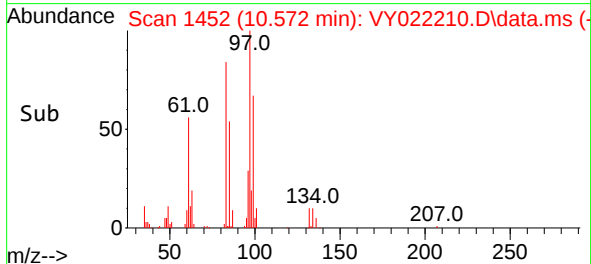
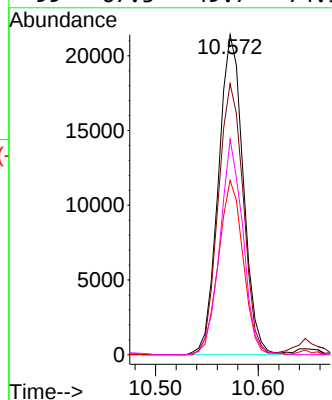
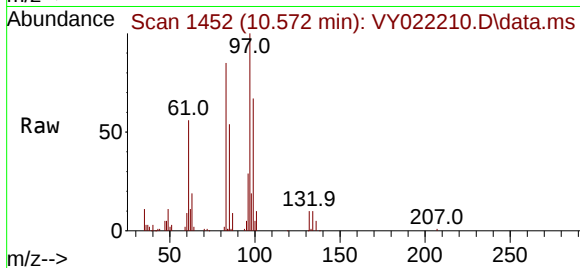




#55
1,1,2-Trichloroethane
Concen: 20.952 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

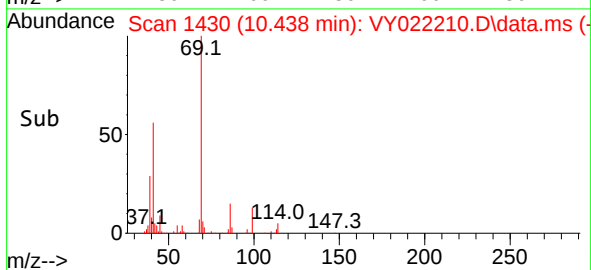
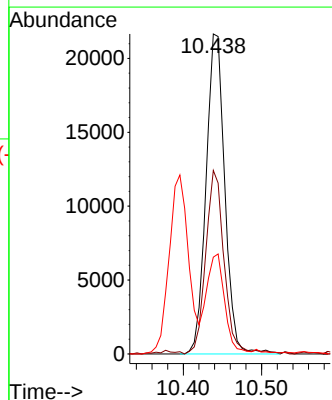
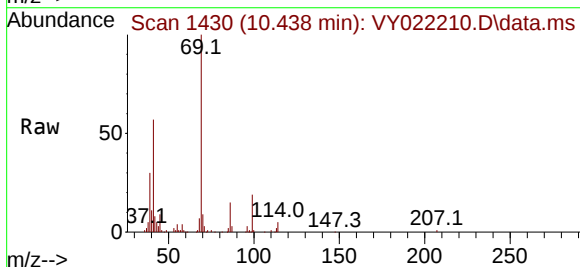
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

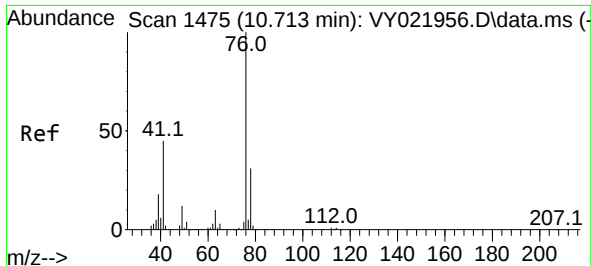
Tgt Ion:	97	Resp:	35987
Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.7	100.1
85	54.5	42.6	64.0
99	67.3	49.7	74.5



#56
Ethyl methacrylate
Concen: 18.287 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

Tgt Ion:	69	Resp:	35918
Ion	Ratio	Lower	Upper
69	100		
41	55.7	40.7	61.1
39	29.2	23.3	34.9





#57

1,3-Dichloropropane

Concen: 21.330 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

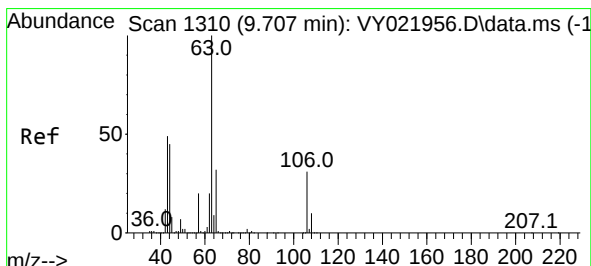
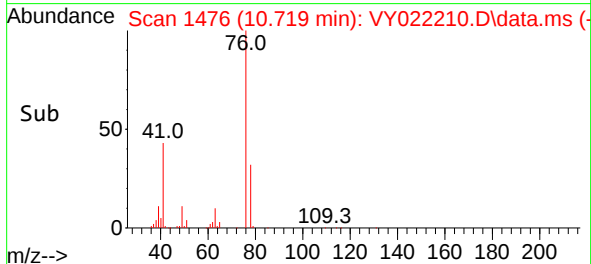
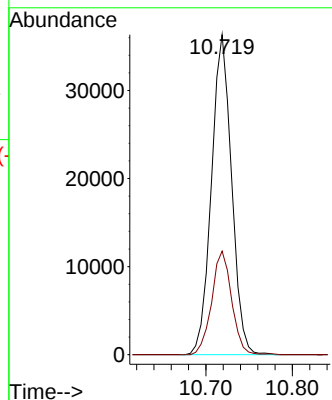
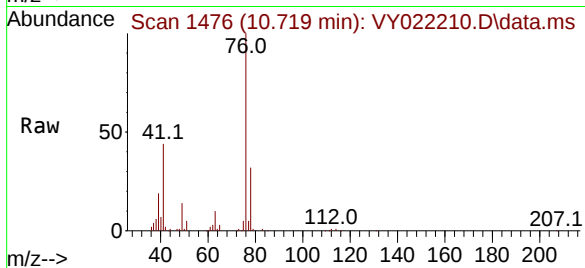
VY0512SBS01

Tgt Ion: 76 Resp: 58731

Ion Ratio Lower Upper

76 100

78 32.1 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 95.610 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022210.D

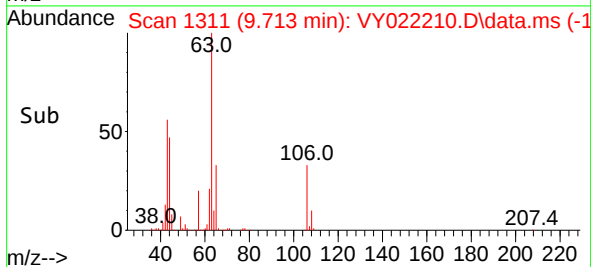
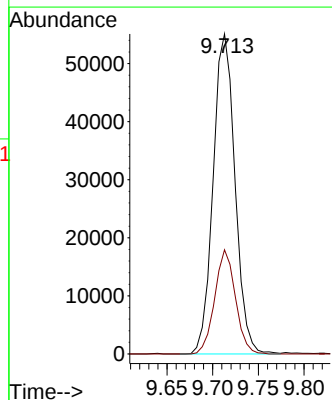
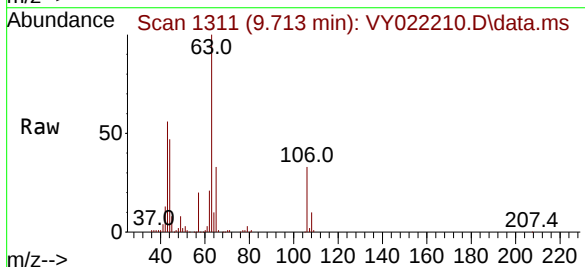
Acq: 12 May 2025 09:28

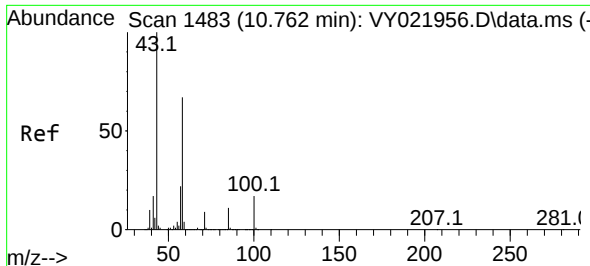
Tgt Ion: 63 Resp: 91818

Ion Ratio Lower Upper

63 100

106 30.8 25.3 37.9

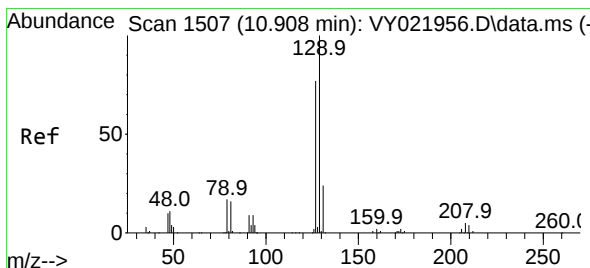
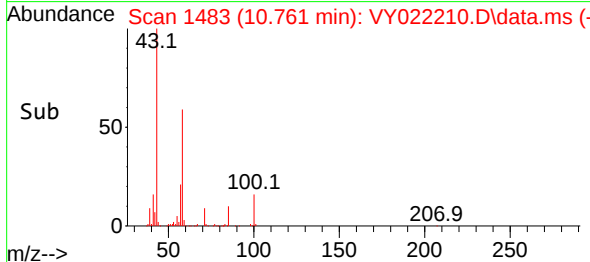
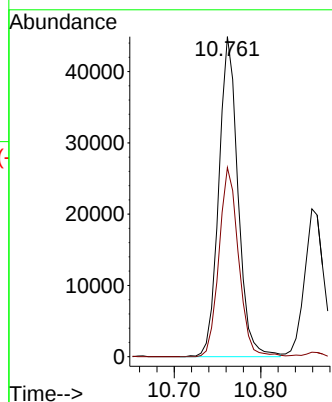
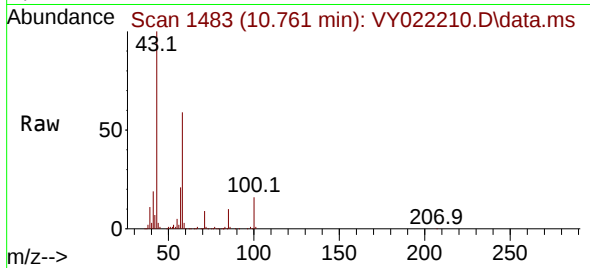




#59
2-Hexanone
Concen: 97.618 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

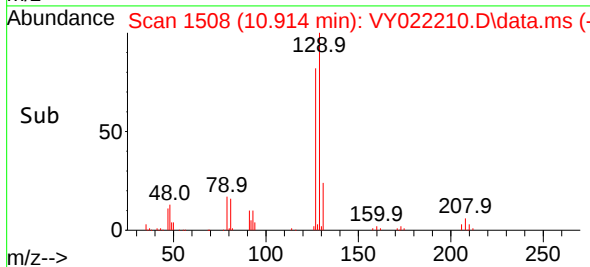
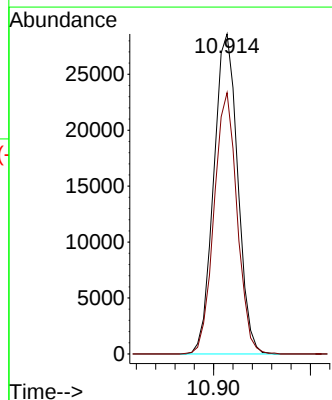
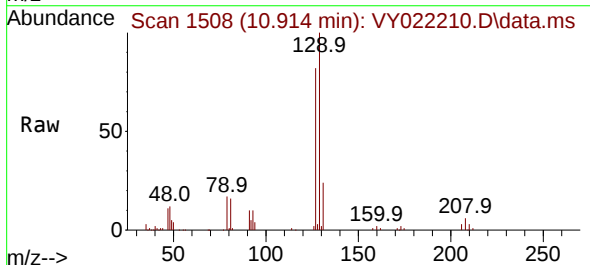
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

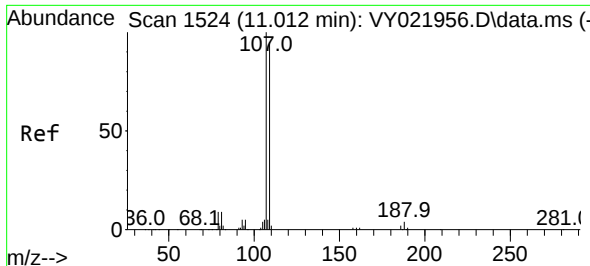
Tgt Ion: 43 Resp: 69173
Ion Ratio Lower Upper
43 100
58 60.2 32.0 96.0



#60
Dibromochloromethane
Concen: 20.674 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

Tgt Ion: 129 Resp: 49162
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.3

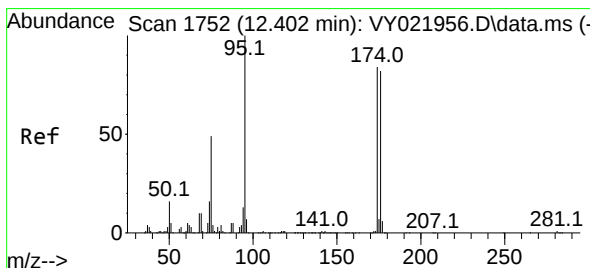
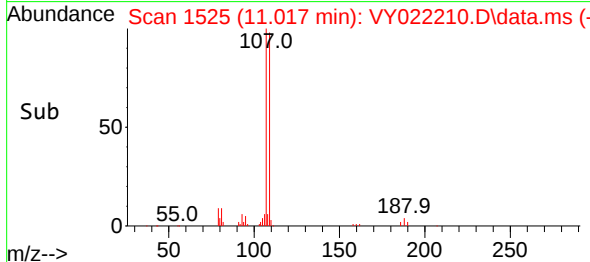
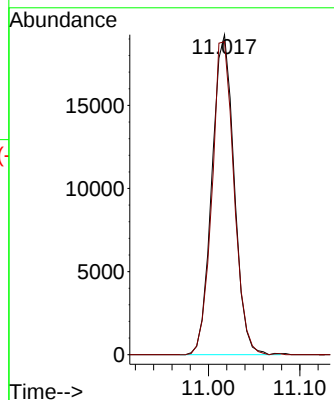
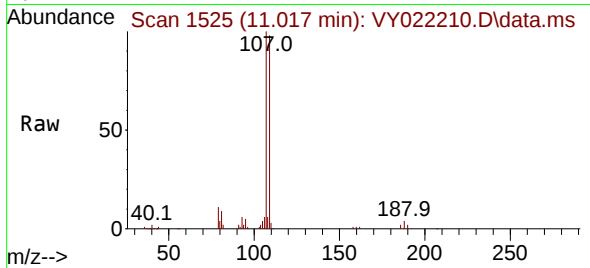




#61
1,2-Dibromoethane
Concen: 20.028 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

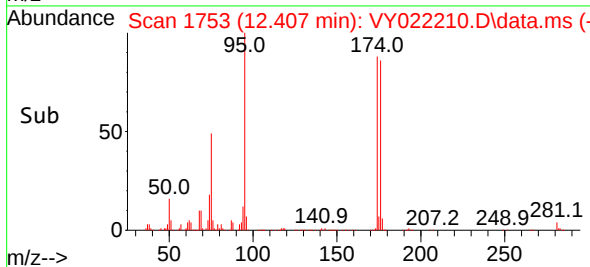
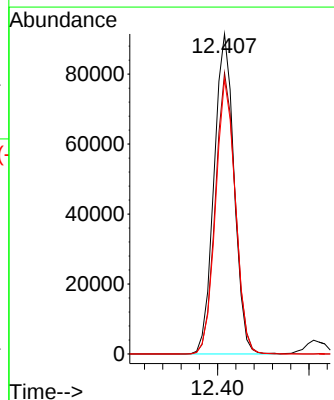
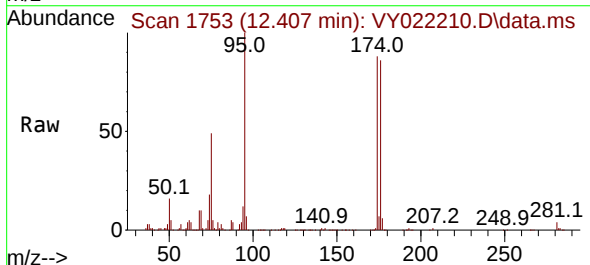
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

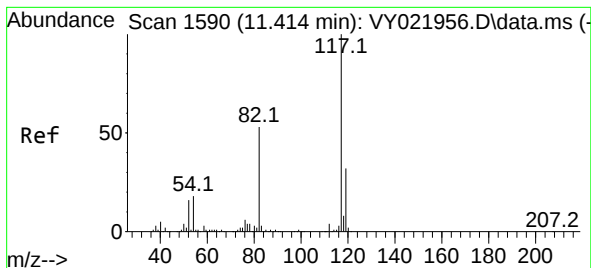
Tgt Ion:107 Resp: 32476
Ion Ratio Lower Upper
107 100
109 96.8 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 49.572 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

Tgt Ion: 95 Resp: 139167
Ion Ratio Lower Upper
95 100
174 87.2 0.0 179.0
176 84.5 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

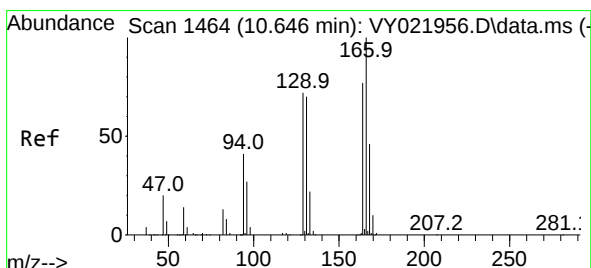
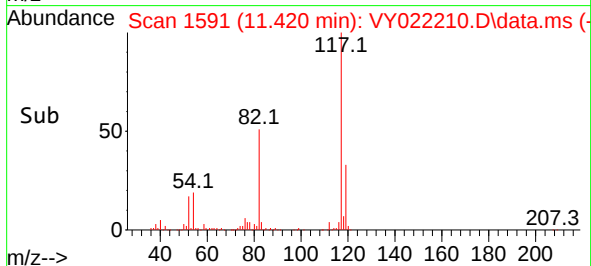
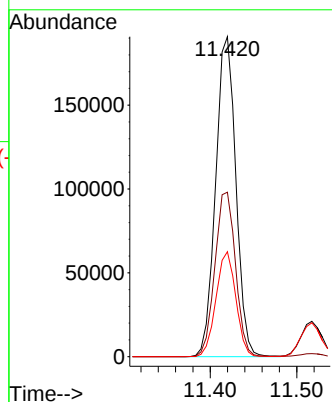
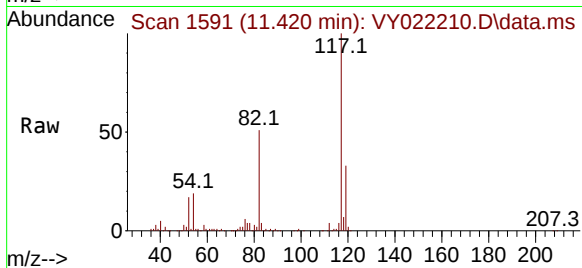
Tgt Ion:117 Resp: 309772

Ion Ratio Lower Upper

117 100

82 51.4 42.1 63.1

119 32.8 25.7 38.5



#64

Tetrachloroethene

Concen: 21.754 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

Tgt Ion:164 Resp: 63571

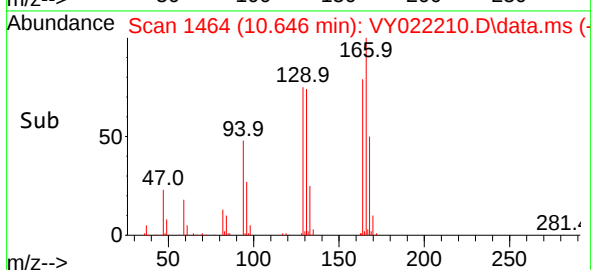
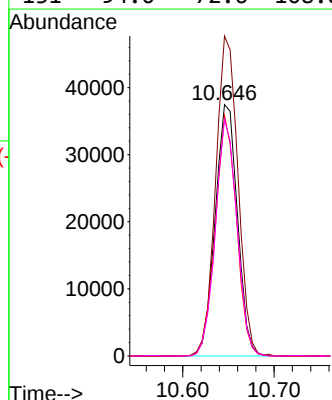
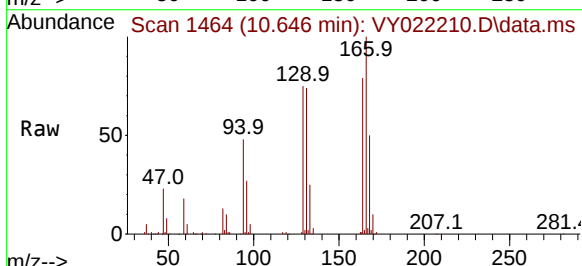
Ion Ratio Lower Upper

164 100

166 127.3 103.6 155.4

129 95.6 74.2 111.4

131 94.0 72.6 108.8





#65

Chlorobenzene

Concen: 20.794 ug/l

RT: 11.444 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

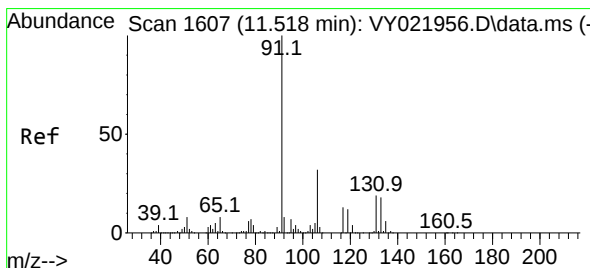
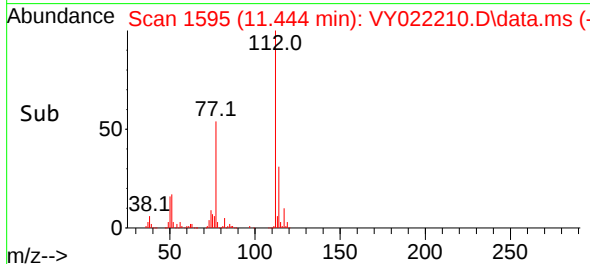
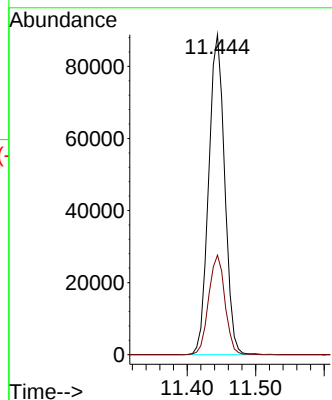
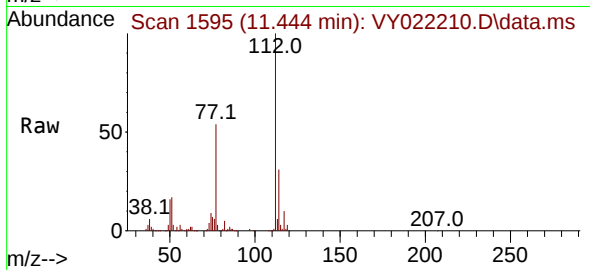
VY0512SBS01

Tgt Ion:112 Resp: 144043

Ion Ratio Lower Upper

112 100

114 31.1 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 21.078 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

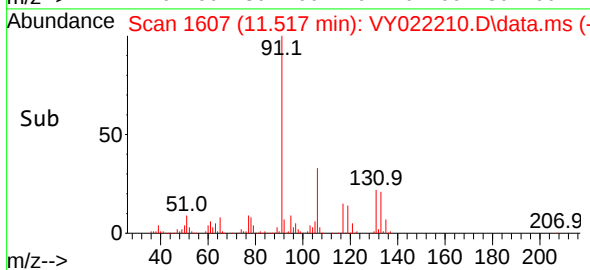
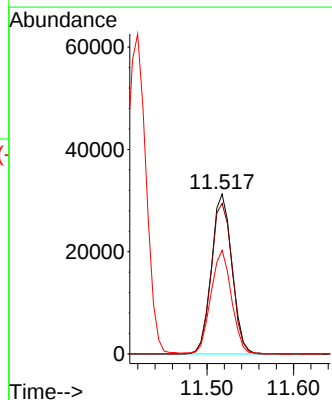
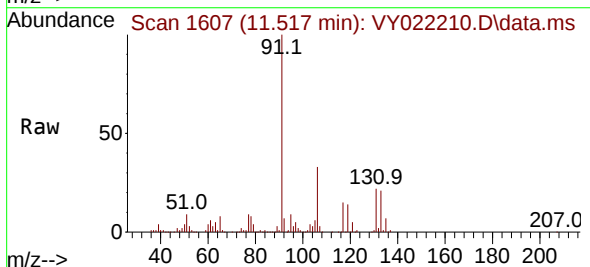
Tgt Ion:131 Resp: 51404

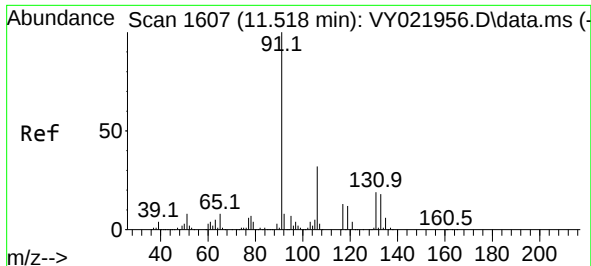
Ion Ratio Lower Upper

131 100

133 96.5 47.8 143.3

119 65.3 32.4 97.0





#67

Ethyl Benzene

Concen: 20.256 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

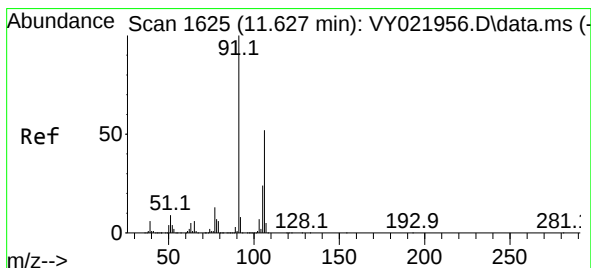
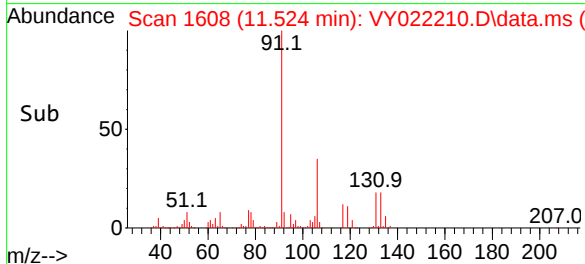
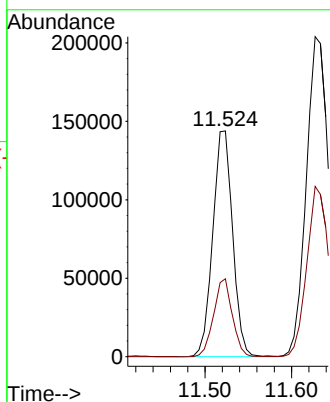
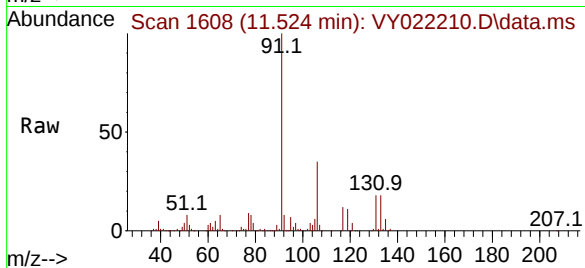
VY0512SBS01

Tgt Ion: 91 Resp: 229545

Ion Ratio Lower Upper

91 100

106 34.5 25.9 38.9



#68

m/p-Xylenes

Concen: 42.246 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022210.D

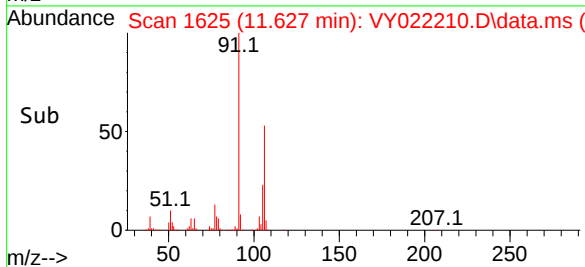
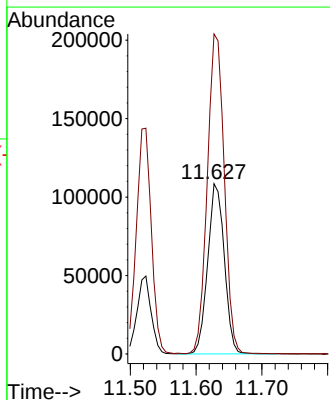
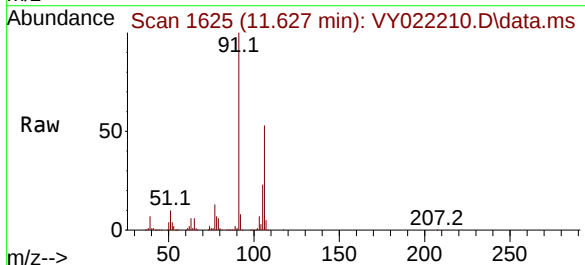
Acq: 12 May 2025 09:28

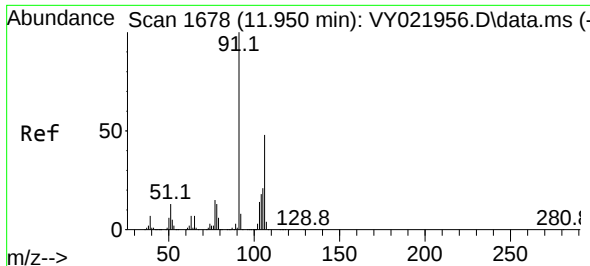
Tgt Ion: 106 Resp: 190495

Ion Ratio Lower Upper

106 100

91 192.5 156.2 234.2

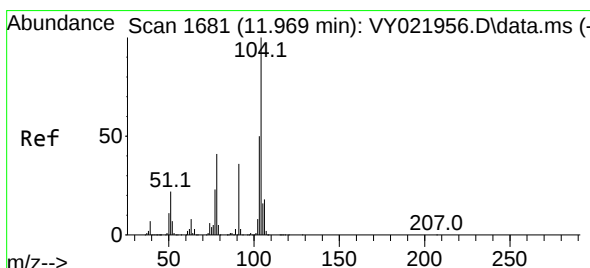
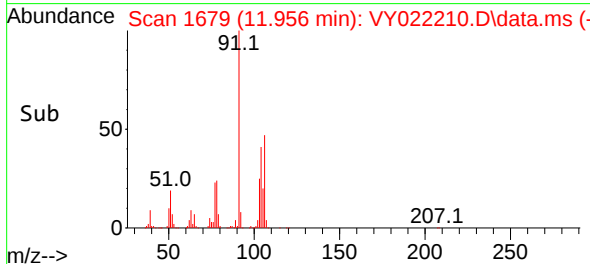
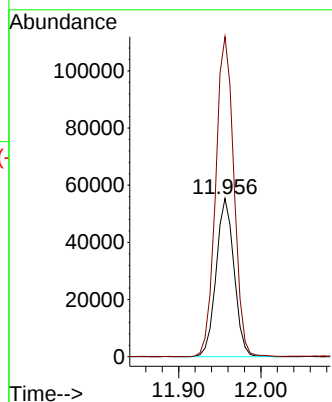
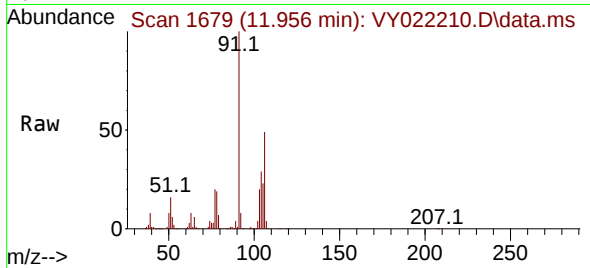




#69
o-Xylene
Concen: 20.173 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

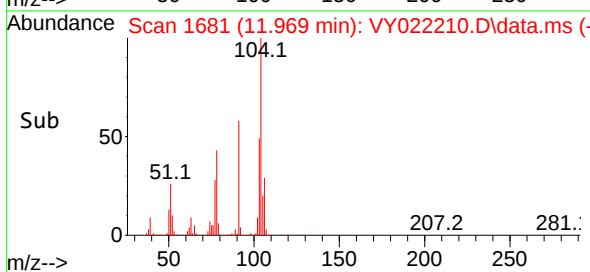
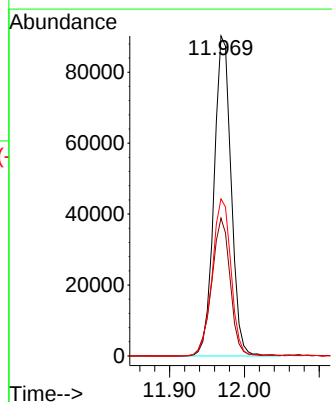
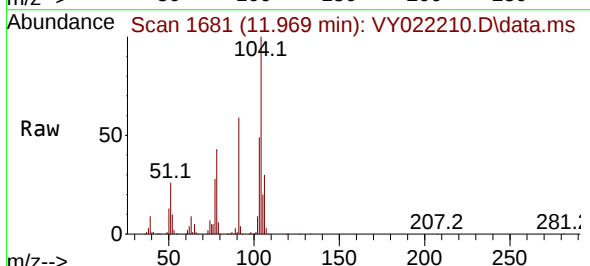
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

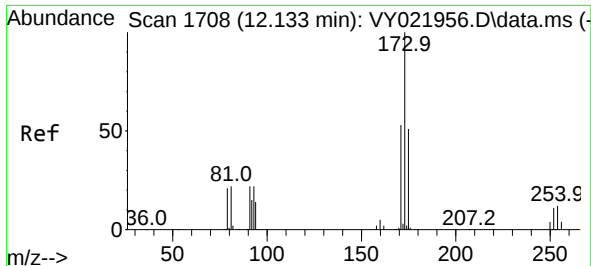
Tgt Ion:106 Resp: 83841
Ion Ratio Lower Upper
106 100
91 206.3 103.0 308.9



#70
Styrene
Concen: 20.575 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

Tgt Ion:104 Resp: 143576
Ion Ratio Lower Upper
104 100
78 46.5 36.6 54.8
103 53.9 43.8 65.8

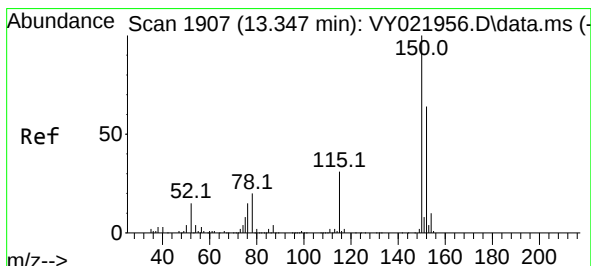
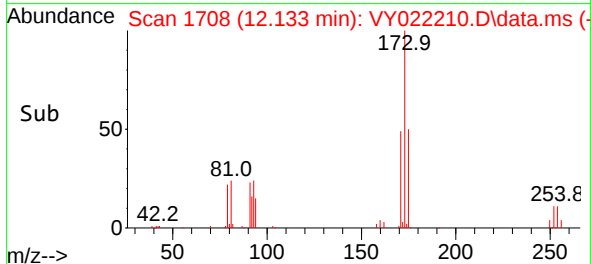
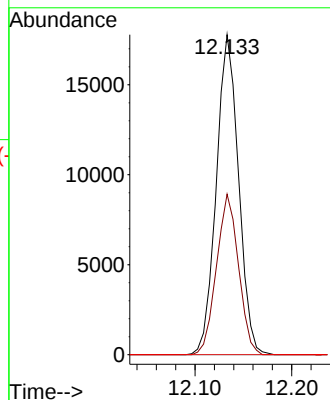
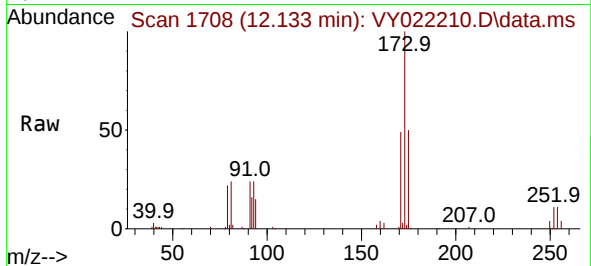




#71
Bromoform
Concen: 19.992 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

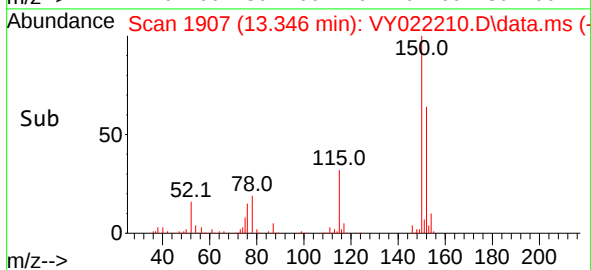
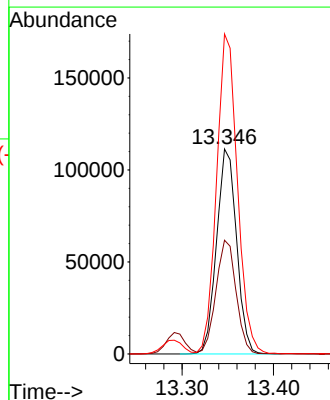
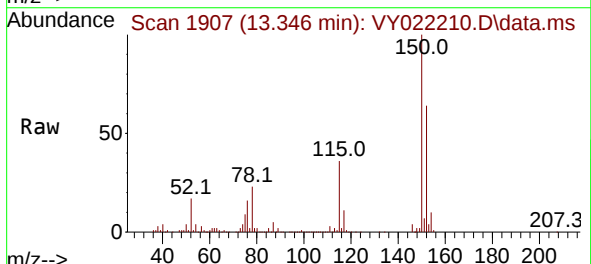
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

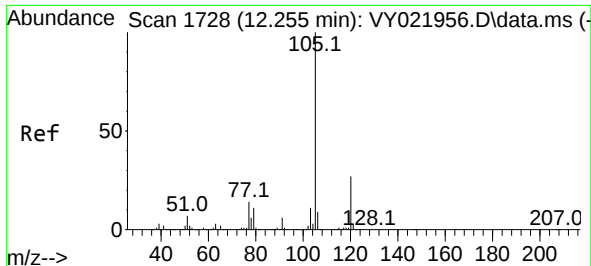
Tgt Ion:173 Resp: 28346
Ion Ratio Lower Upper
173 100
175 49.6 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

Tgt Ion:152 Resp: 169523
Ion Ratio Lower Upper
152 100
115 55.8 28.0 84.0
150 162.1 0.0 345.6

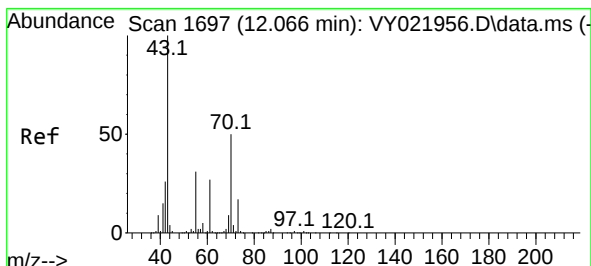
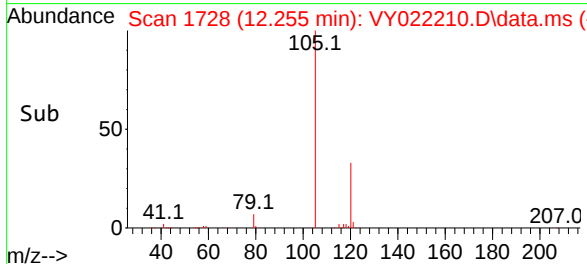
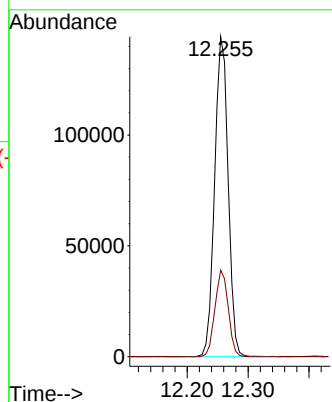
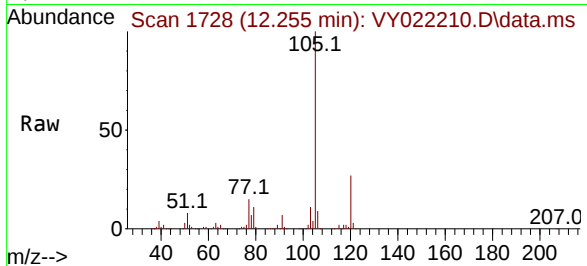




#73
Isopropylbenzene
Concen: 19.553 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

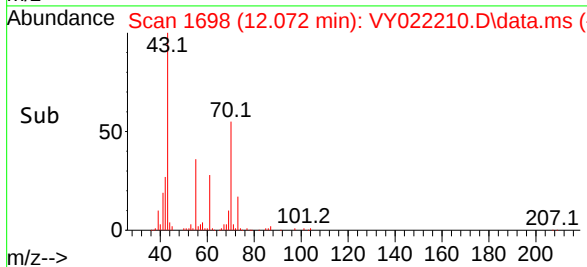
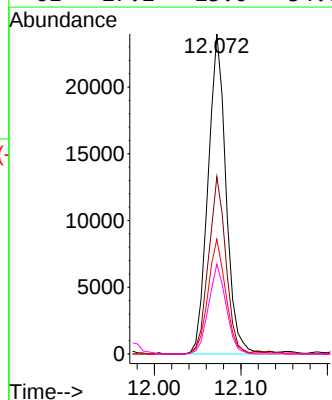
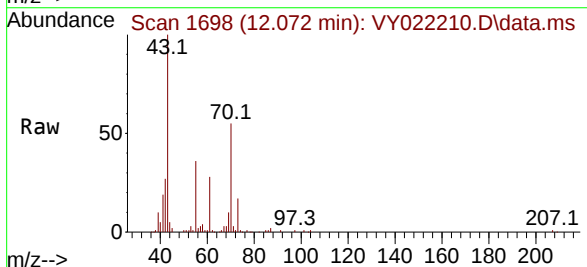
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

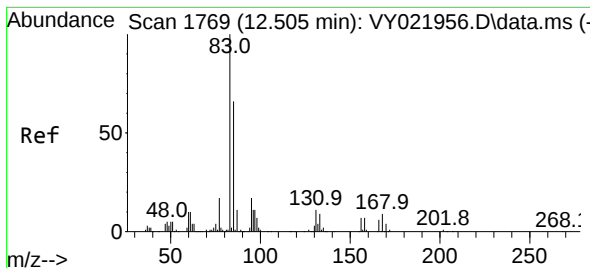
Tgt Ion:105 Resp: 221453
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.5



#74
N-ethyl acetate
Concen: 17.846 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

Tgt Ion: 43 Resp: 34726
Ion Ratio Lower Upper
43 100
70 53.0 43.2 64.8
55 35.5 25.7 38.5
61 27.2 23.0 34.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.690 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

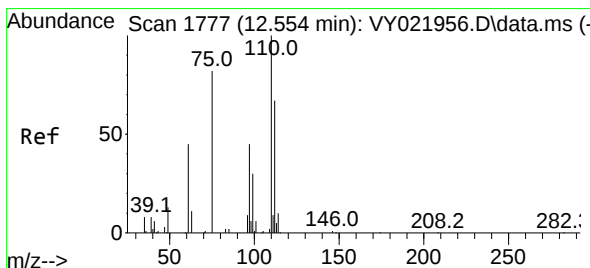
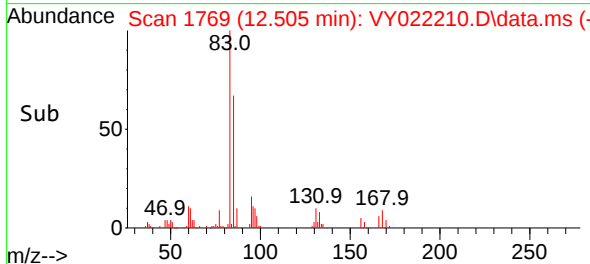
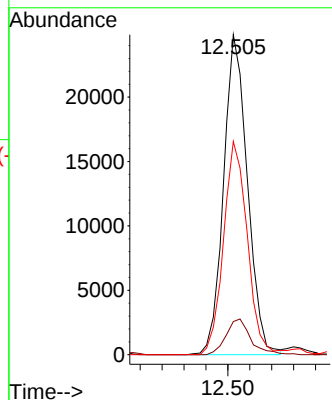
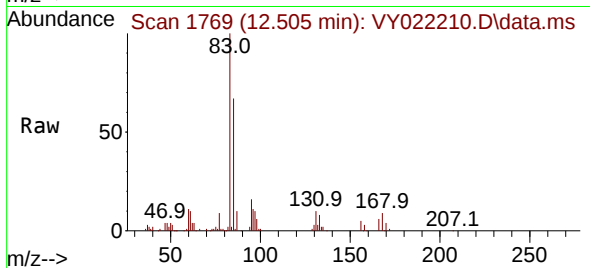
Tgt Ion: 83 Resp: 37598

Ion Ratio Lower Upper

83 100

131 11.5 5.5 16.4

85 66.7 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 33.899 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY022210.D

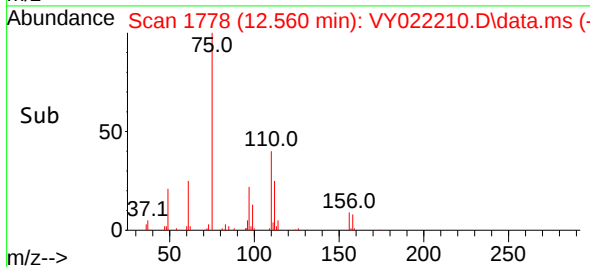
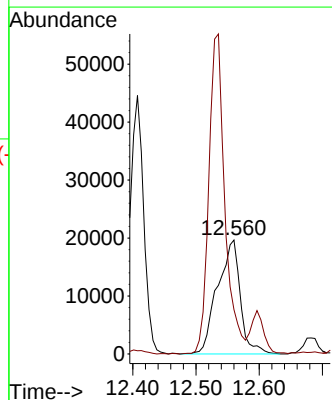
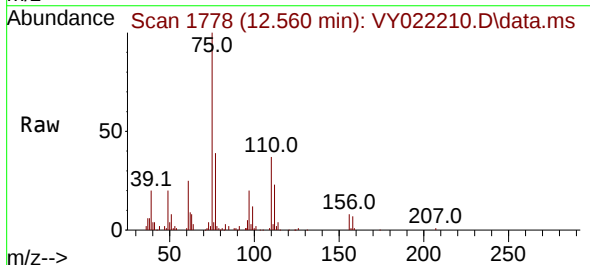
Acq: 12 May 2025 09:28

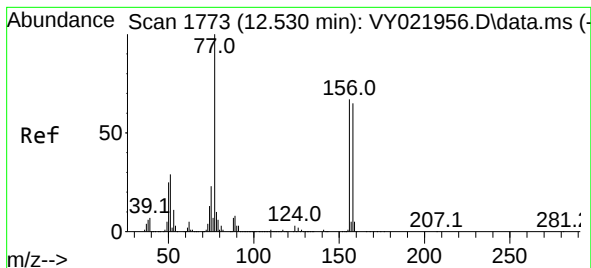
Tgt Ion: 75 Resp: 49223

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.130 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

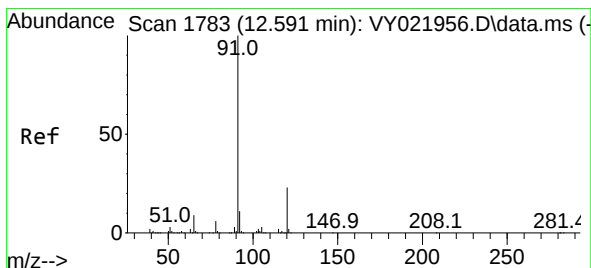
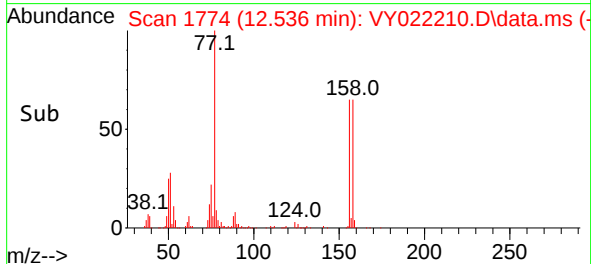
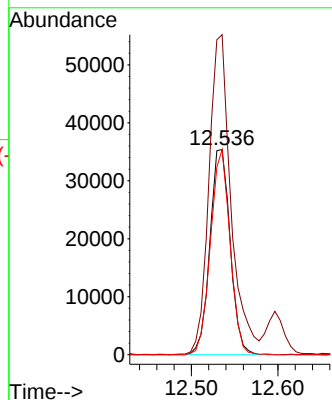
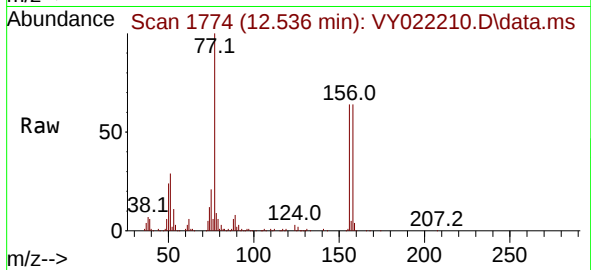
Tgt Ion:156 Resp: 57609

Ion Ratio Lower Upper

156 100

77 169.7 82.7 248.1

158 96.2 48.1 144.4



#78

n-propylbenzene

Concen: 20.320 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022210.D

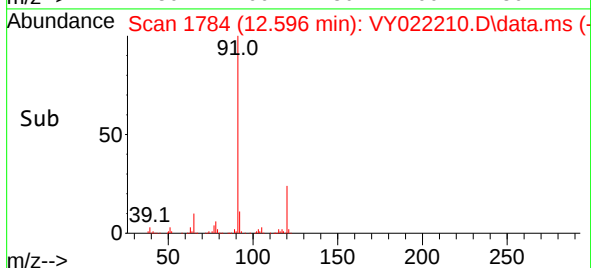
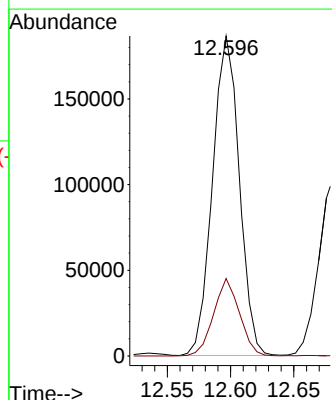
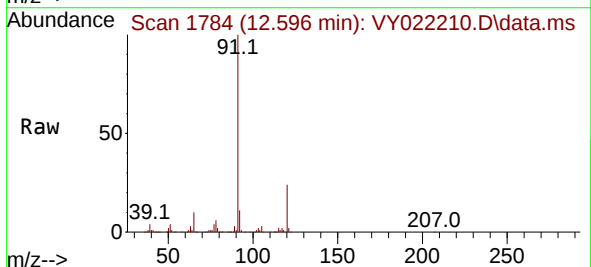
Acq: 12 May 2025 09:28

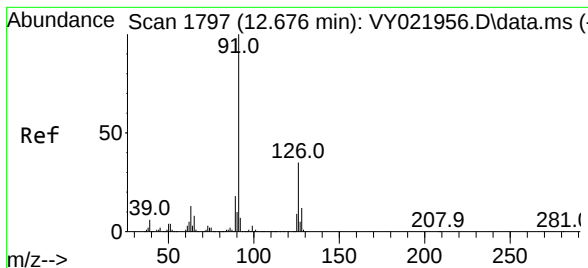
Tgt Ion: 91 Resp: 274074

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.5





#79

2-Chlorotoluene

Concen: 20.467 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

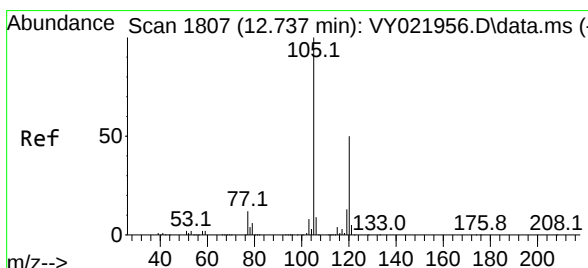
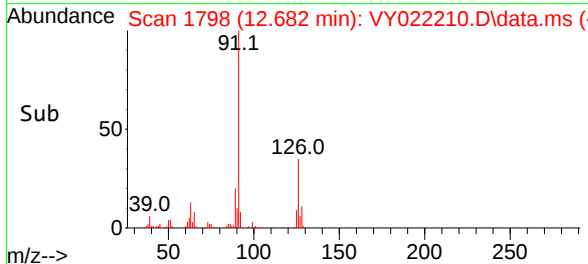
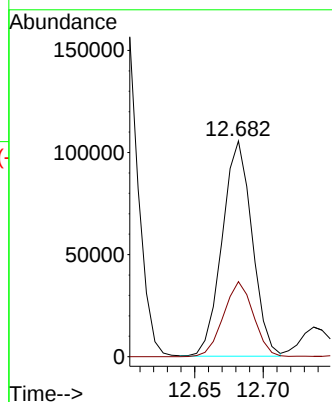
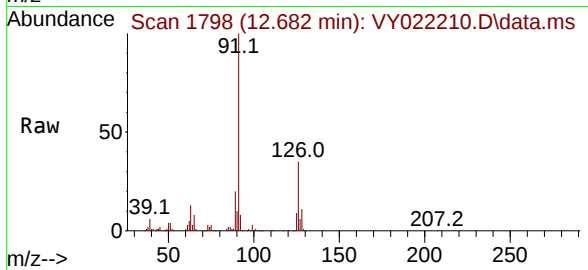
VY0512SBS01

Tgt Ion: 91 Resp: 160546

Ion Ratio Lower Upper

91 100

126 35.0 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 20.245 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY022210.D

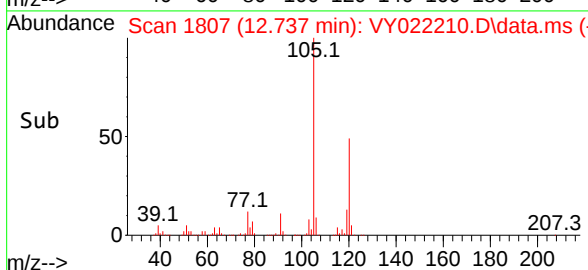
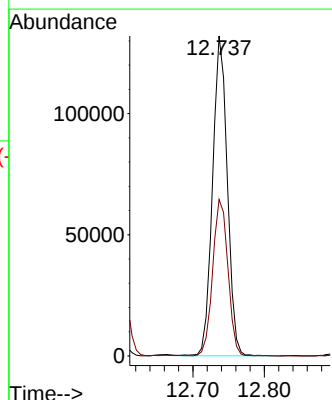
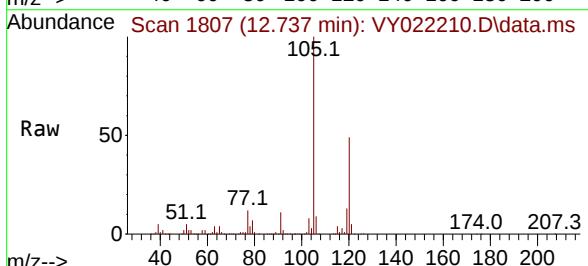
Acq: 12 May 2025 09:28

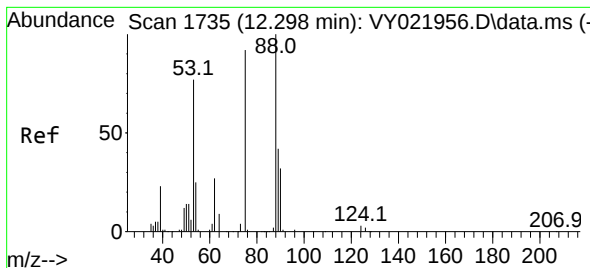
Tgt Ion: 105 Resp: 188921

Ion Ratio Lower Upper

105 100

120 50.6 25.0 75.0

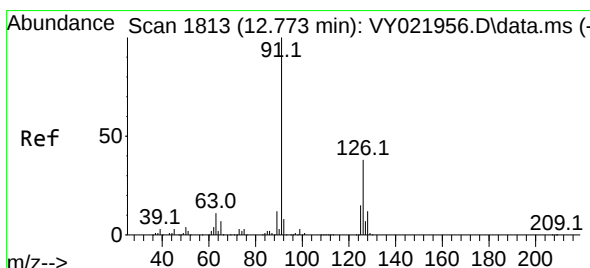
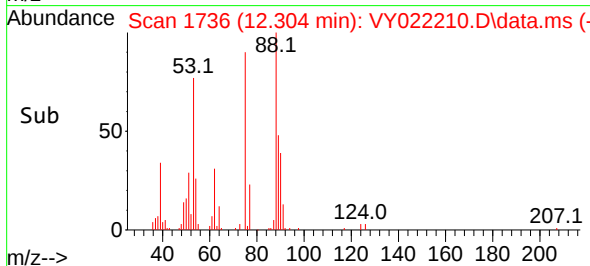
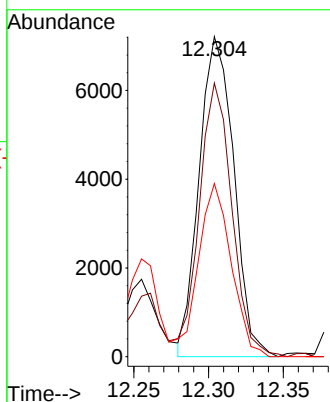
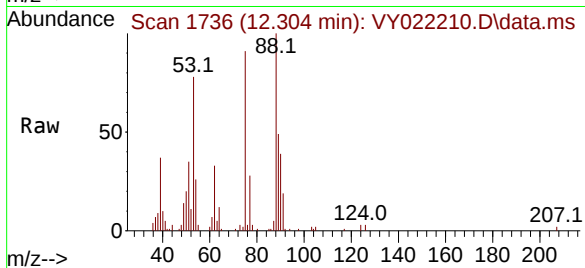




#81
trans-1,4-Dichloro-2-butene
Concen: 19.281 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

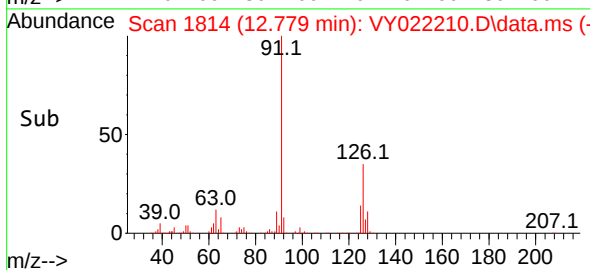
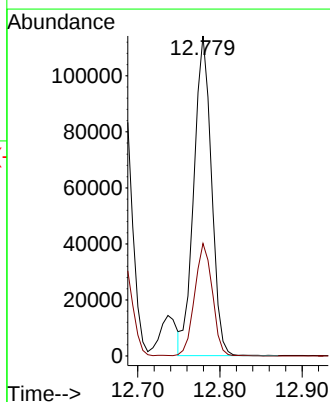
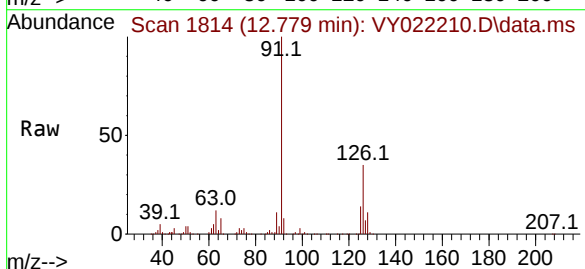
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

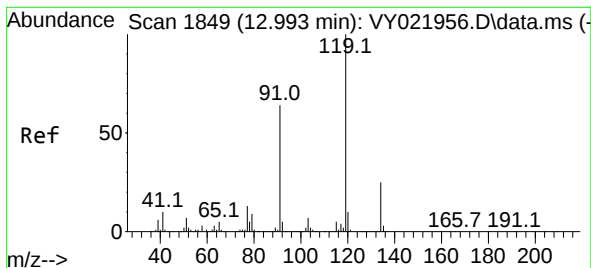
Tgt Ion: 75 Resp: 11626
Ion Ratio Lower Upper
75 100
53 80.9 66.0 99.0
89 51.7 37.2 55.8



#82
4-Chlorotoluene
Concen: 20.714 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

Tgt Ion: 91 Resp: 168905
Ion Ratio Lower Upper
91 100
126 35.5 17.9 53.8





#83

tert-Butylbenzene

Concen: 19.132 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

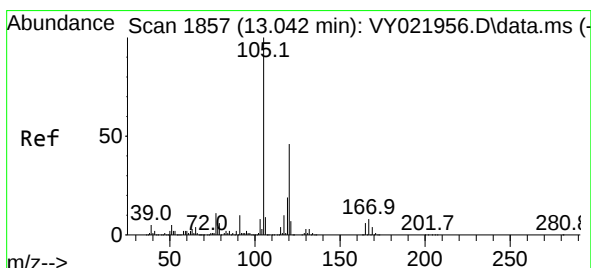
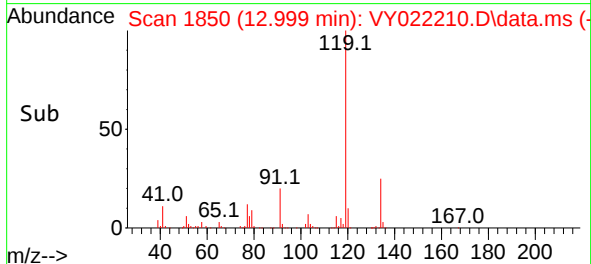
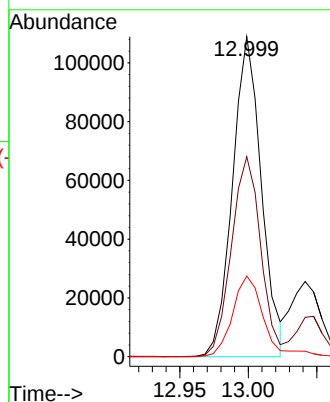
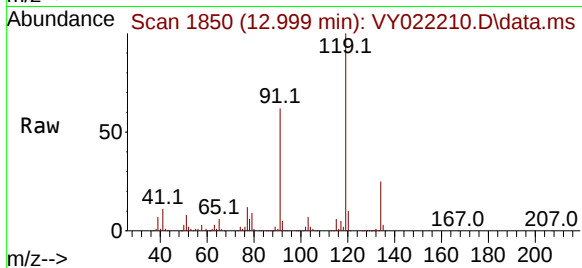
Tgt Ion:119 Resp: 160123

Ion Ratio Lower Upper

119 100

91 63.3 30.3 90.9

134 27.1 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.440 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY022210.D

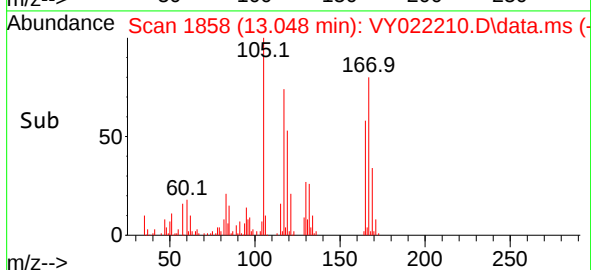
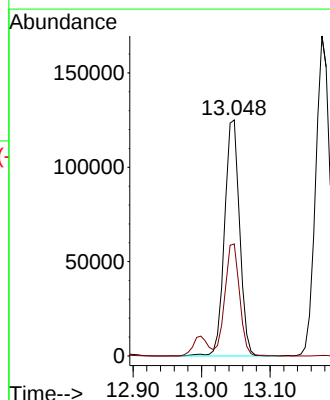
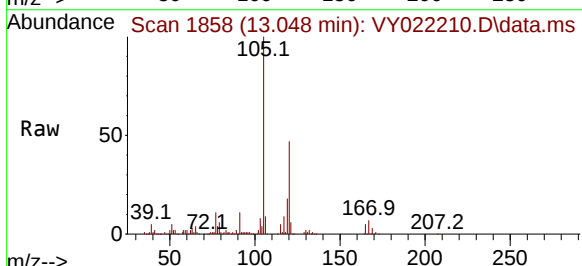
Acq: 12 May 2025 09:28

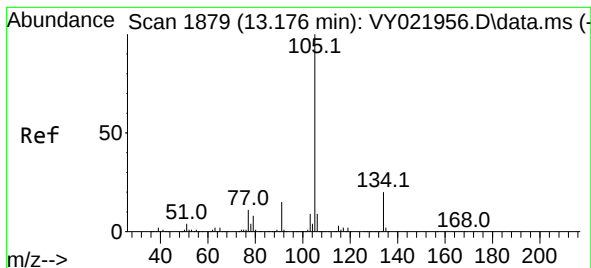
Tgt Ion:105 Resp: 190789

Ion Ratio Lower Upper

105 100

120 46.1 23.4 70.0





#85

sec-Butylbenzene

Concen: 20.216 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

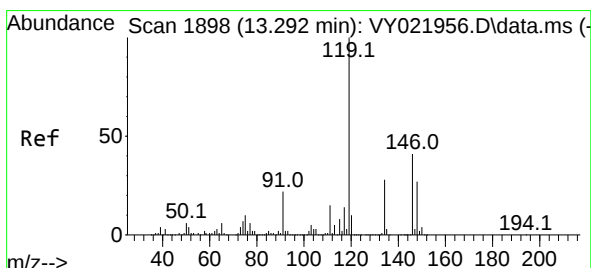
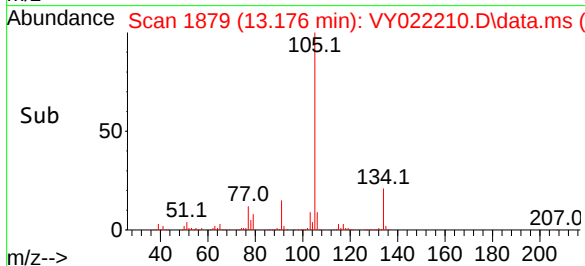
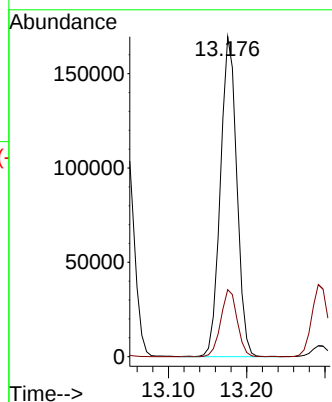
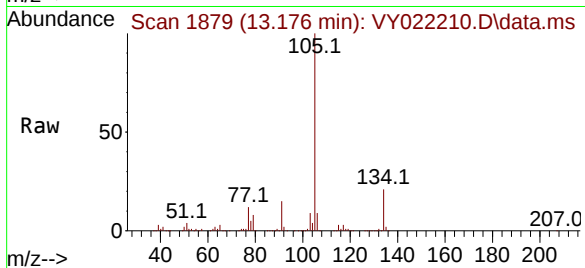
VY0512SBS01

Tgt Ion:105 Resp: 247586

Ion Ratio Lower Upper

105 100

134 20.9 10.3 30.9



#86

p-Isopropyltoluene

Concen: 20.006 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

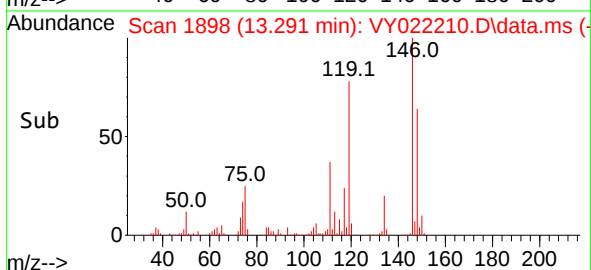
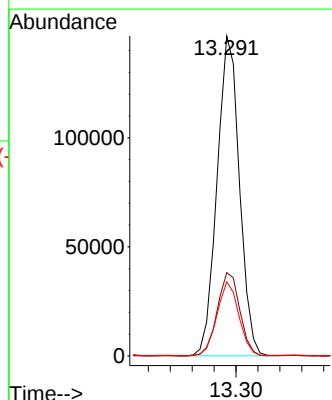
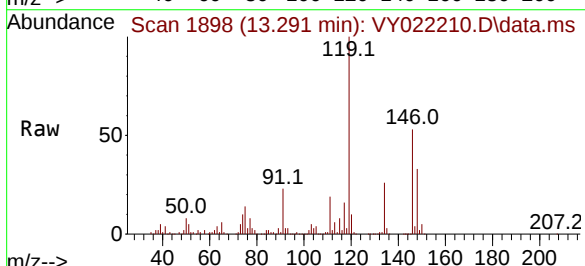
Tgt Ion:119 Resp: 208057

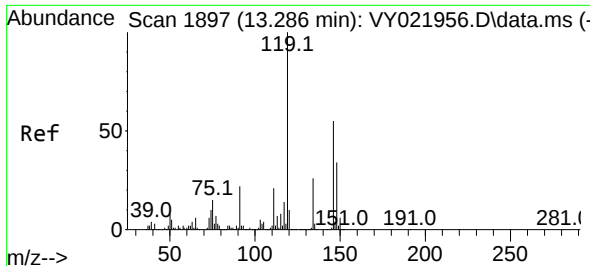
Ion Ratio Lower Upper

119 100

134 26.2 13.6 40.7

91 22.7 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 20.601 ug/l

RT: 13.291 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

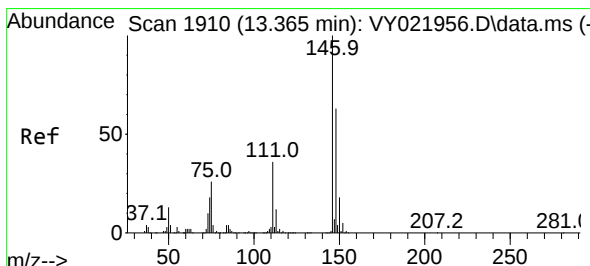
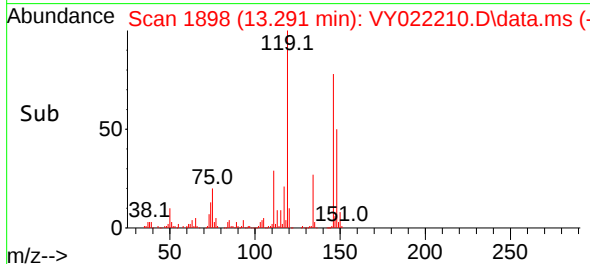
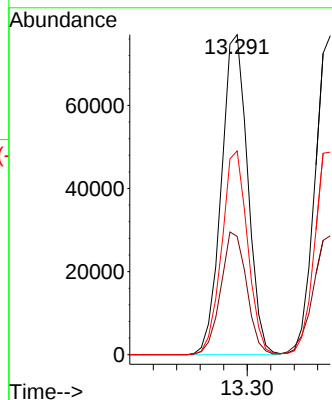
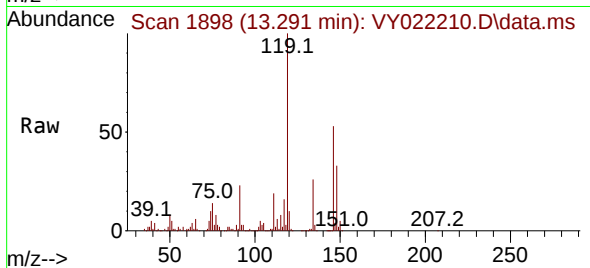
Tgt Ion:146 Resp: 119746

Ion Ratio Lower Upper

146 100

111 37.7 19.1 57.5

148 62.5 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 20.152 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

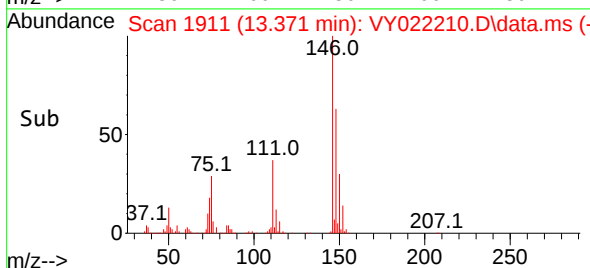
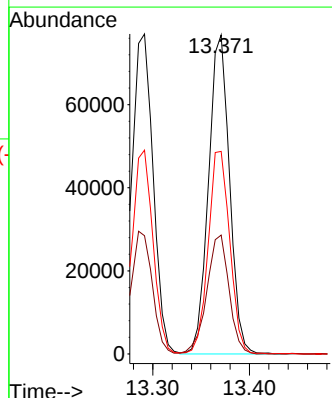
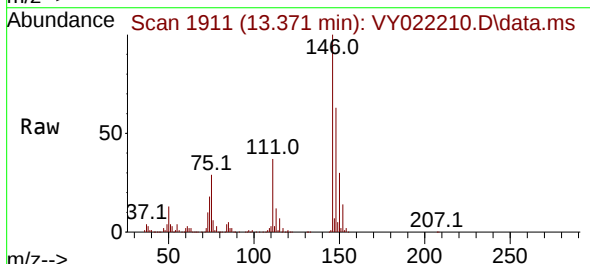
Tgt Ion:146 Resp: 116013

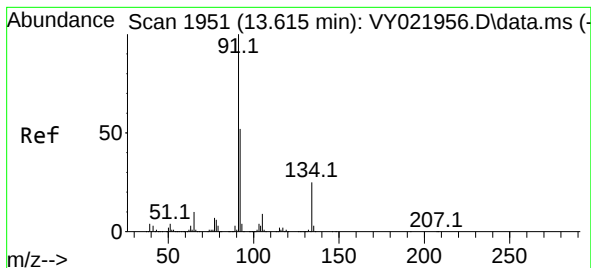
Ion Ratio Lower Upper

146 100

111 39.3 19.2 57.6

148 65.0 32.0 96.0





#89

n-Butylbenzene

Concen: 19.618 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

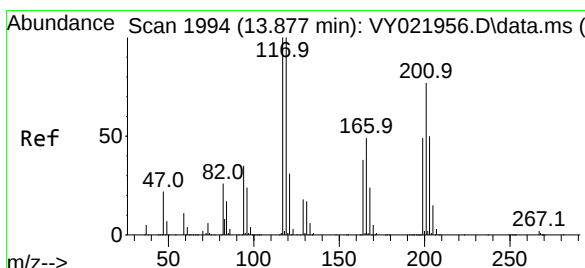
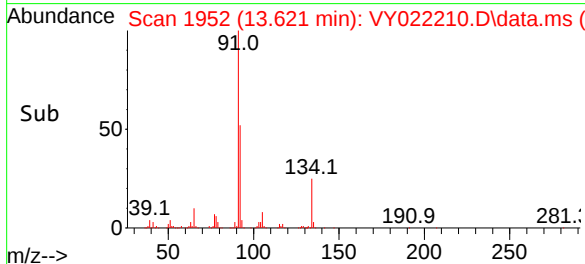
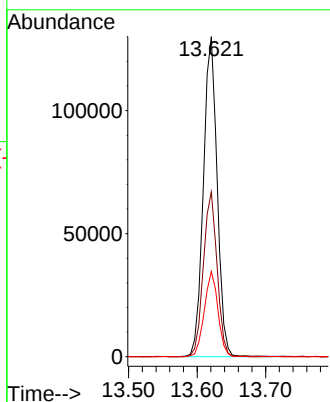
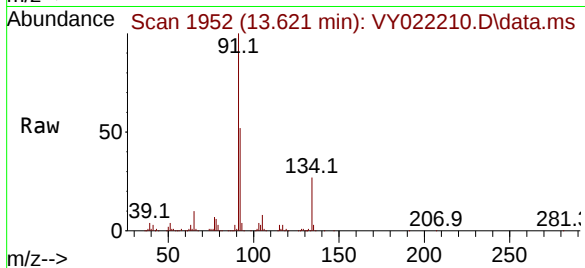
Tgt Ion: 91 Resp: 182357

Ion Ratio Lower Upper

91 100

92 51.2 26.5 79.5

134 26.4 13.4 40.1



#90

Hexachloroethane

Concen: 20.828 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022210.D

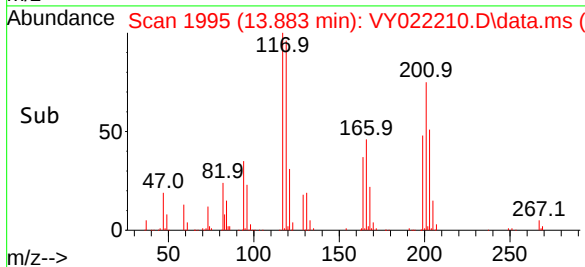
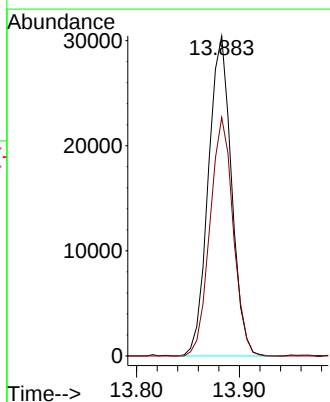
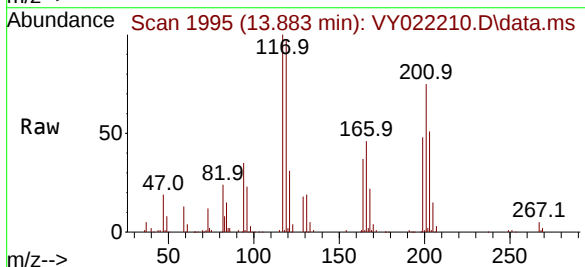
Acq: 12 May 2025 09:28

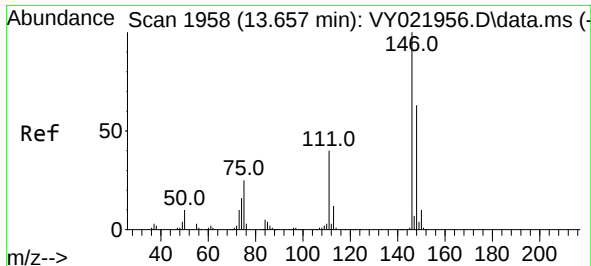
Tgt Ion: 117 Resp: 47589

Ion Ratio Lower Upper

117 100

201 74.7 38.7 116.1

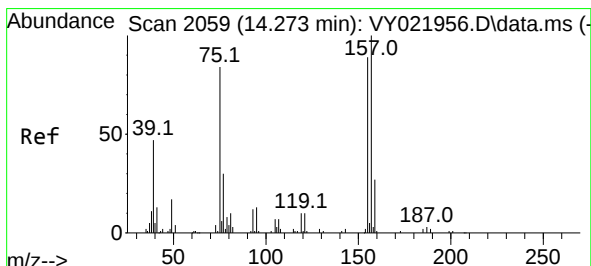
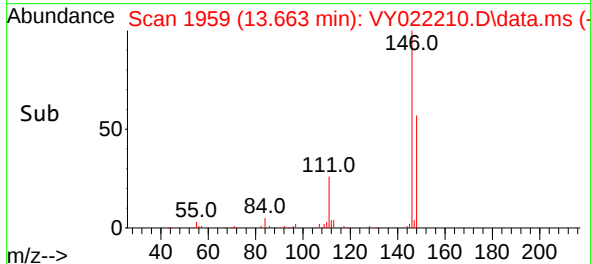
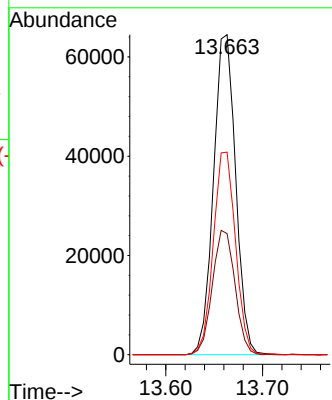
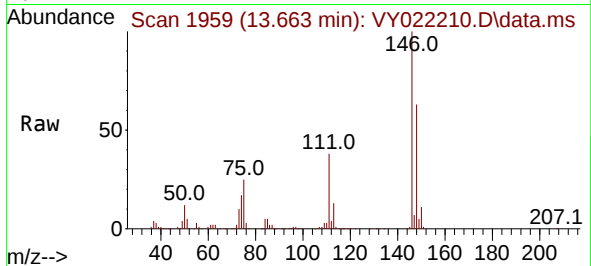




#91
1,2-Dichlorobenzene
Concen: 20.269 ug/l
RT: 13.663 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

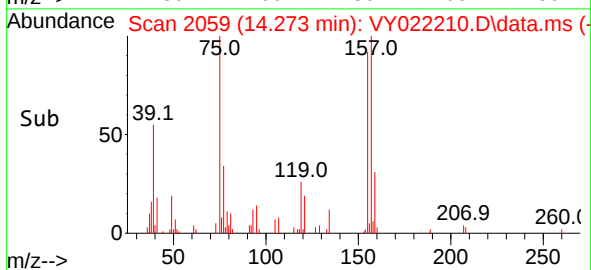
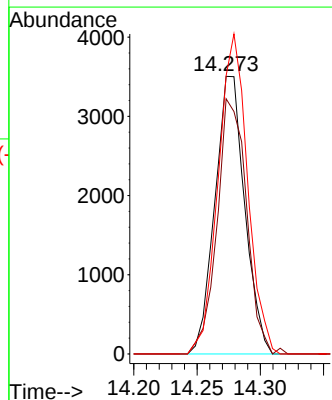
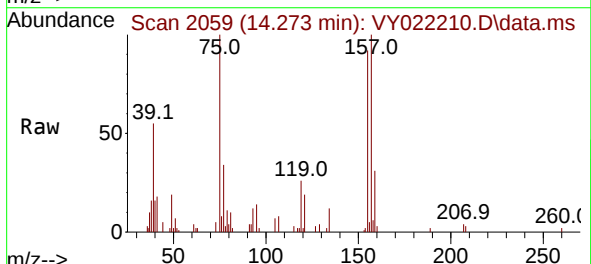
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

Tgt Ion:146 Resp: 102757
Ion Ratio Lower Upper
146 100
111 39.7 19.7 59.1
148 63.5 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.920 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022210.D
Acq: 12 May 2025 09:28

Tgt Ion: 75 Resp: 5748
Ion Ratio Lower Upper
75 100
155 90.9 50.7 152.3
157 113.5 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 18.843 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

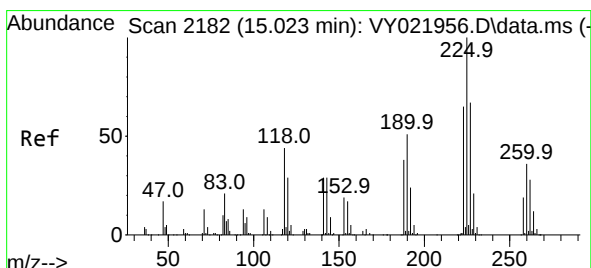
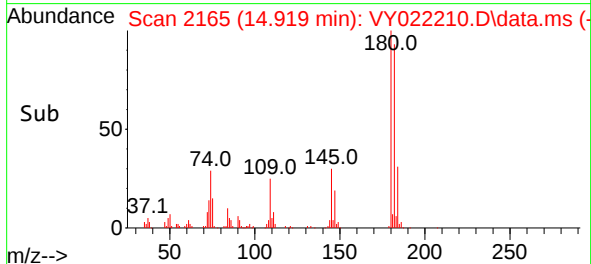
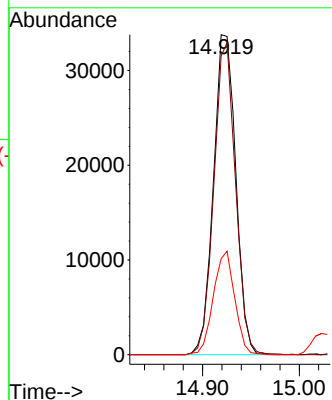
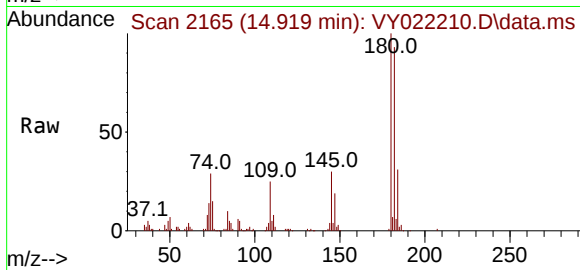
Tgt Ion:180 Resp: 54134

Ion Ratio Lower Upper

180 100

182 94.4 47.1 141.4

145 30.9 15.0 45.0



#94

Hexachlorobutadiene

Concen: 20.182 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

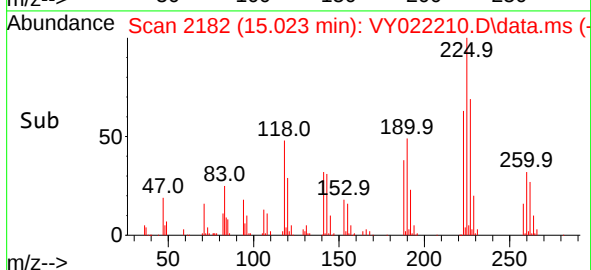
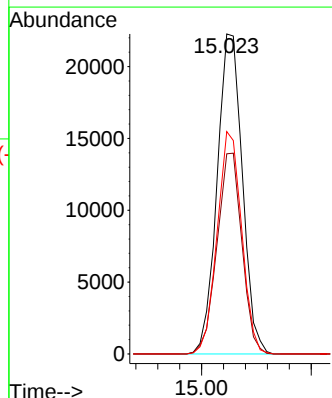
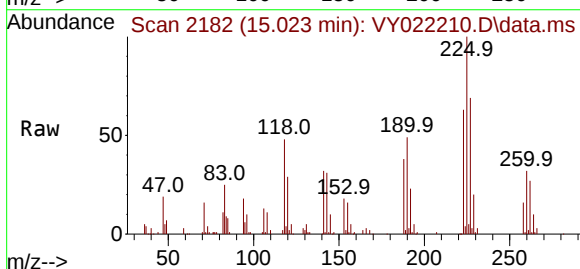
Tgt Ion:225 Resp: 35674

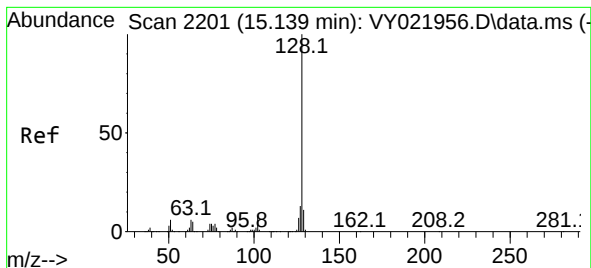
Ion Ratio Lower Upper

225 100

223 61.8 31.9 95.5

227 67.2 32.3 96.9





#95

Naphthalene

Concen: 16.893 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

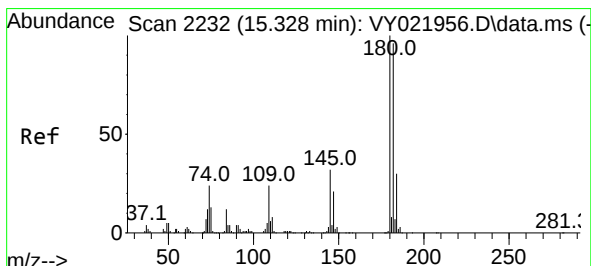
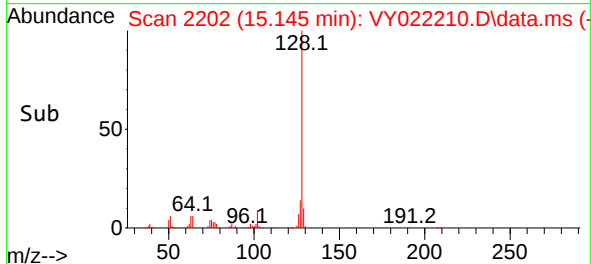
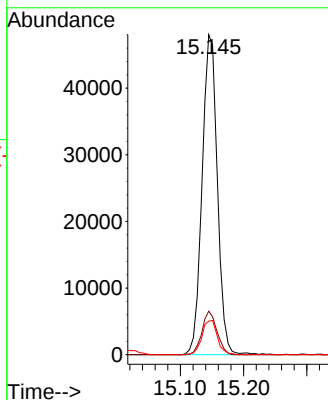
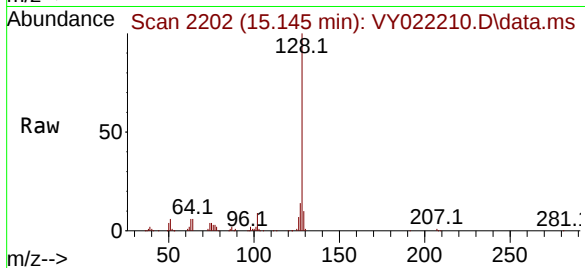
Tgt Ion:128 Resp: 80621

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.490 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022210.D

Acq: 12 May 2025 09:28

Tgt Ion:180 Resp: 45853

Ion Ratio Lower Upper

180 100

182 97.0 48.1 144.4

145 32.7 16.0 48.0

