

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022112.D
 Acq On : 01 May 2025 17:16
 Operator : SY/MD
 Sample : Q1914-06
 Misc : 7.75g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-5

Quant Time: May 02 01:31:37 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	348703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	593175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	525097	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	237049	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	153858	47.769	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.540%
35) Dibromofluoromethane	7.634	113	192496	49.121	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.240%
50) Toluene-d8	10.109	98	859815	58.198	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	116.400%
62) 4-Bromofluorobenzene	12.408	95	276233	55.541	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.080%

Target Compounds			Qvalue			
15) Acrylonitrile	5.128	53	5430	8.312	ug/l #	43
16) Acetone	3.879	43	11966	7.679	ug/l #	84
20) Methylene Chloride	4.610	84	14373	3.529	ug/l	96
25) 2-Butanone	6.902	43	4613	6.283	ug/l #	80
26) 2,2-Dichloropropane	6.683	77	5495	1.007	ug/l #	50
31) Cyclohexane	7.701	56	595505	111.845	ug/l	94
36) 1,1-Dichloropropene	7.701	75	24484	4.651	ug/l #	69
37) Ethyl Acetate	6.902	43	4613	2.440	ug/l #	64
38) Carbon Tetrachloride	7.713	117	33869	5.384	ug/l #	15
39) Methylcyclohexane	9.109	83	2110464	318.585	ug/l	98
40) Benzene	8.079	78	494837	30.072	ug/l	99
43) Isopropyl Acetate	8.183	43	43117	11.876	ug/l #	56
45) 1,2-Dichloropropane	9.109	63	18496	5.083	ug/l #	1
47) Bromodichloromethane	9.536	83	18593	3.267	ug/l #	42
48) Methyl methacrylate	9.170	41	30703	18.293	ug/l #	6
49) 1,4-Dioxane	9.097	88	39	1.606	ug/l #	1
51) 4-Methyl-2-Pentanone	10.103	43	68557	36.021	ug/l #	48
52) Toluene	10.170	92	1604199	150.607	ug/l	98
55) 1,1,2-Trichloroethane	10.548	97	729349	239.694	ug/l #	20
56) Ethyl methacrylate	10.451	69	139172	39.996	ug/l #	1
59) 2-Hexanone	10.731	43	425600	339.026	ug/l #	23
65) Chlorobenzene	11.554	112	30823	2.625	ug/l #	43
67) Ethyl Benzene	11.518	91	9283955	483.316	ug/l	96
68) m/p-Xylenes	11.627	106	14066887	1840.340	ug/l #	62
69) o-Xylene	11.956	106	6636011	941.942	ug/l	90
70) Styrene	11.956	104	336724	28.466	ug/l #	1
73) Isopropylbenzene	12.255	105	1880303	118.726	ug/l	100
74) N-amyl acetate	12.054	43	662604	243.514	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.456	83	122477	45.869	ug/l #	62
76) 1,2,3-Trichloropropane	12.597	75	31282	15.406	ug/l #	100
78) n-propylbenzene	12.597	91	5434691	288.152	ug/l	99
79) 2-Chlorotoluene	12.664	91	2289996	208.778	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.737	105	7155023	548.313	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.255	75	19068	22.615	ug/l #	28
82) 4-Chlorotoluene	12.737	91	811515	71.172	ug/l #	43
83) tert-Butylbenzene	13.048	119	4032577	344.573	ug/l #	62

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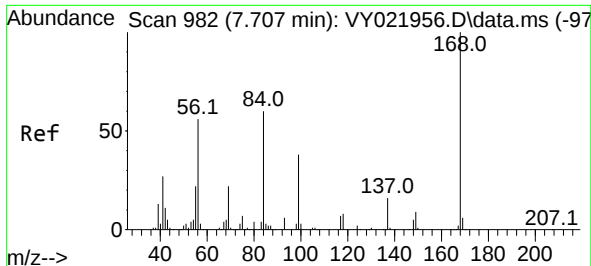
Instrument :
 MSVOA_Y
 ClientSampleId :
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Quant Time: May 02 01:31:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

84) 1,2,4-Trimethylbenzene	12.895	105	8299630	635.883	ug/l	79
85) sec-Butylbenzene	13.176	105	1539777	89.913	ug/l	86
86) p-Isopropyltoluene	13.292	119	896938	61.680	ug/l	99
89) n-Butylbenzene	13.621	91	1551221	119.343	ug/l #	72
90) Hexachloroethane	13.895	117	527214	165.013	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.255	75	25397	59.784	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.962	180	29107	7.246	ug/l #	1
95) Naphthalene	15.145	128	1419622	212.731	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.352	180	75849	21.873	ug/l #	12

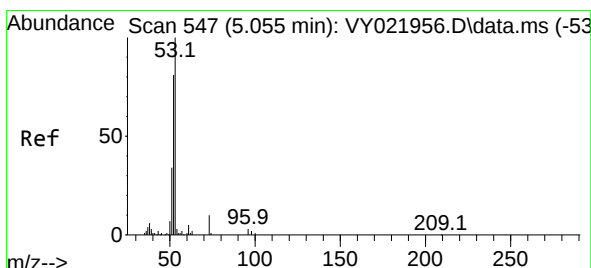
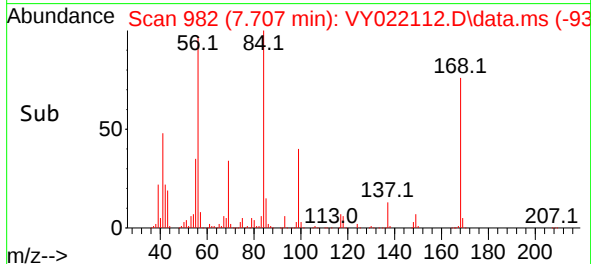
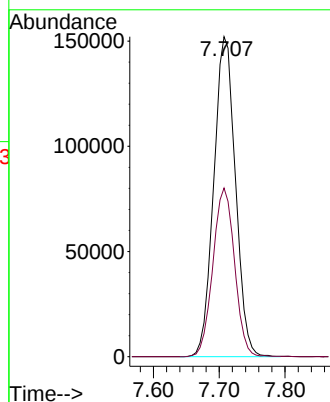
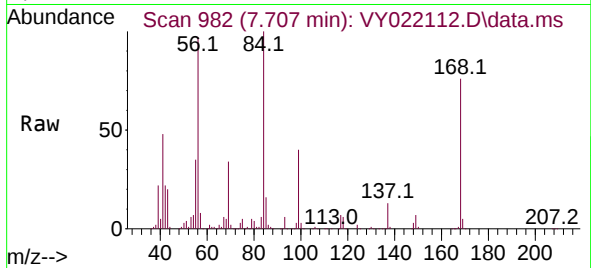
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

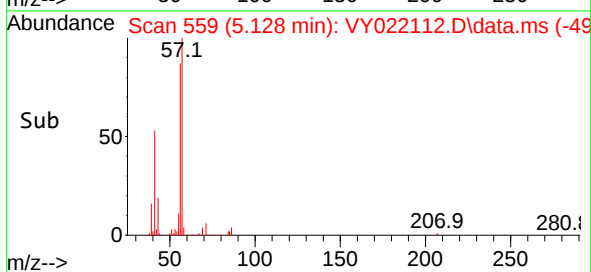
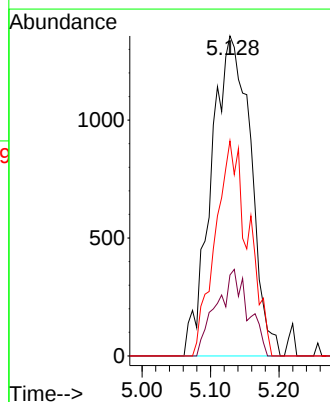
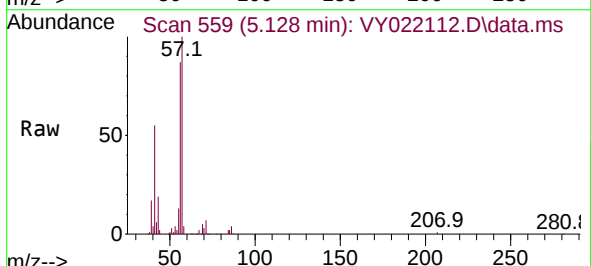
Instrument :
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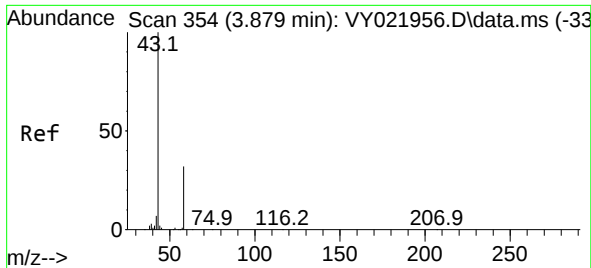
Tgt Ion:168 Resp: 348703
Ion Ratio Lower Upper
168 100
99 52.7 43.1 64.7



#15
Acrylonitrile
Concen: 8.312 ug/l
RT: 5.128 min Scan# 559
Delta R.T. 0.073 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 53 Resp: 5430
Ion Ratio Lower Upper
53 100
52 21.8 65.0 97.6#
51 56.6 28.9 43.3#

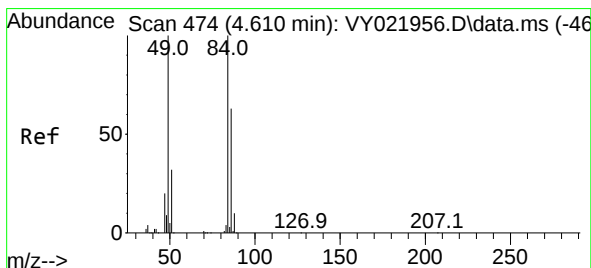
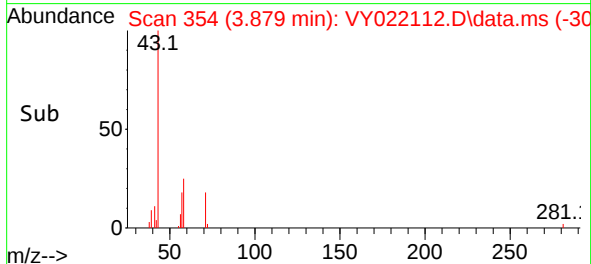
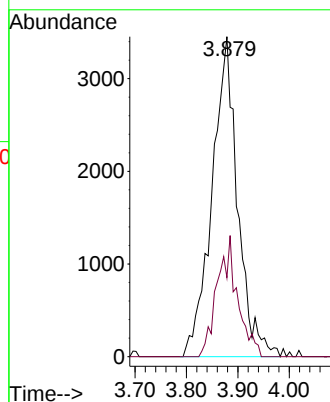
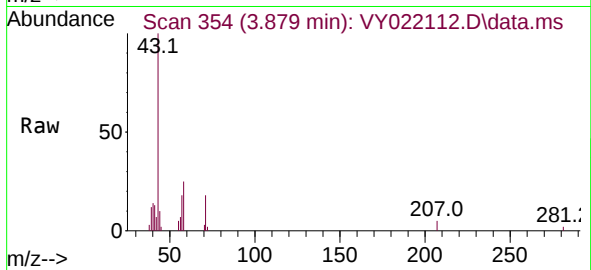




#16
Acetone
Concen: 7.679 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

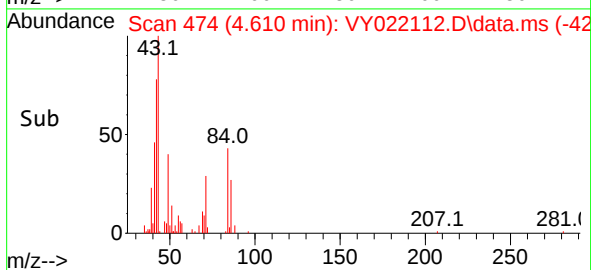
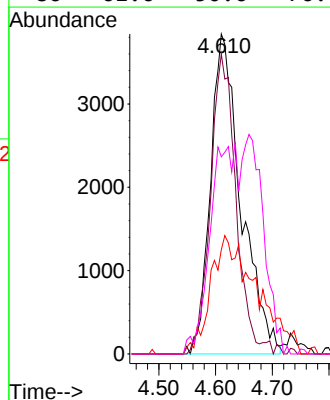
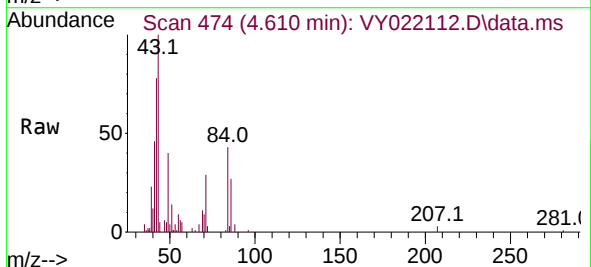
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

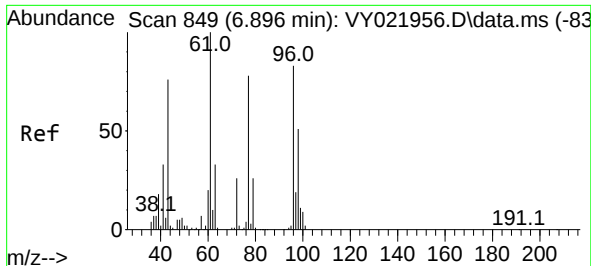
Tgt Ion: 43 Resp: 11966
Ion Ratio Lower Upper
43 100
58 24.7 27.0 40.4#



#20
Methylene Chloride
Concen: 3.529 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 84 Resp: 14373
Ion Ratio Lower Upper
84 100
49 93.7 79.9 119.9
51 32.6 25.4 38.0
86 61.6 50.6 76.0





#25

2-Butanone

Concen: 6.283 ug/l

RT: 6.902 min Scan# 814

Delta R.T. 0.006 min

Lab File: VY022112.D

Acq: 01 May 2025 17:16

Instrument :

MSVOA_Y

ClientSampleId :

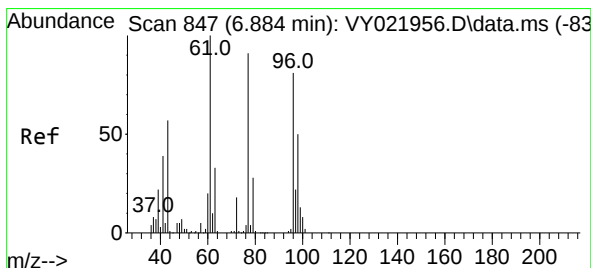
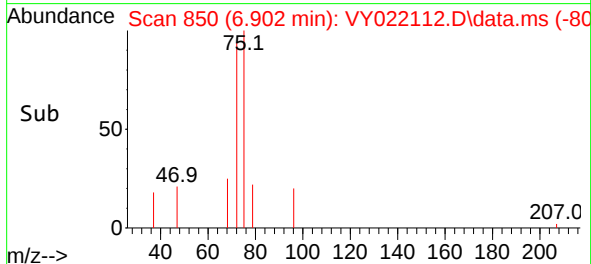
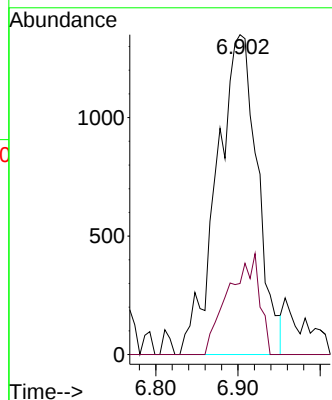
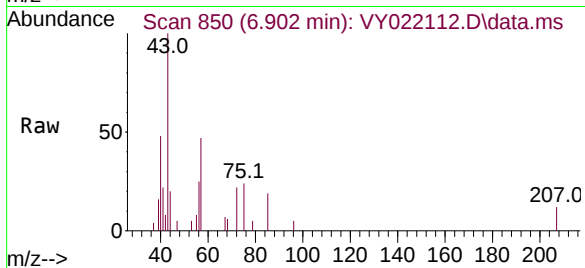
SS-5

Tgt Ion: 43 Resp: 4613

Ion Ratio Lower Upper

43 100

72 22.2 27.0 40.4#



#26

2,2-Dichloropropane

Concen: 1.007 ug/l

RT: 6.683 min Scan# 814

Delta R.T. -0.201 min

Lab File: VY022112.D

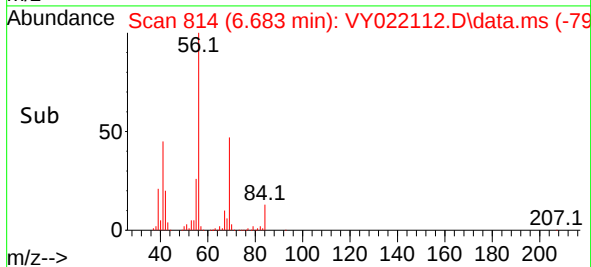
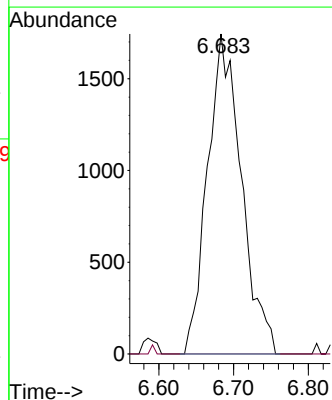
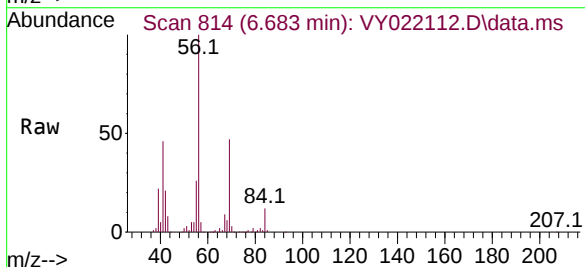
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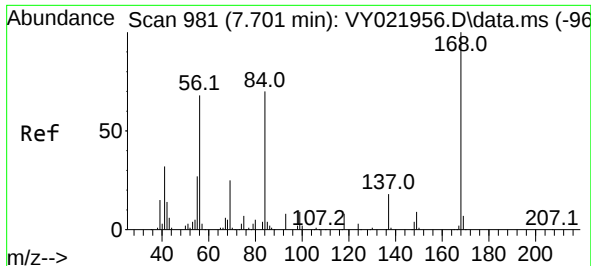
Tgt Ion: 77 Resp: 5495

Ion Ratio Lower Upper

77 100

97 0.0 12.4 37.4#

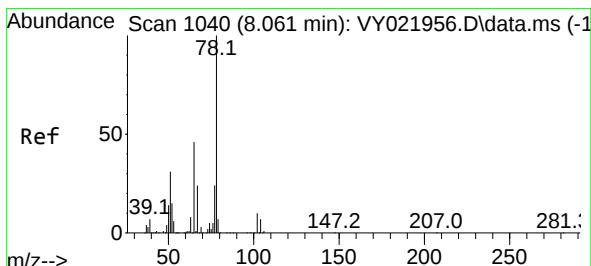
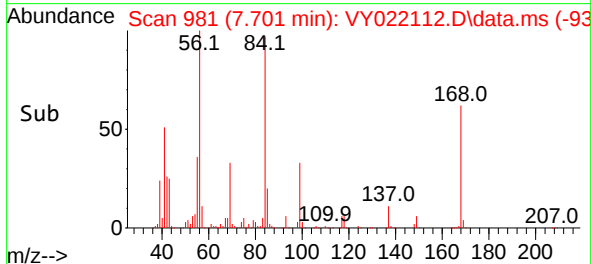
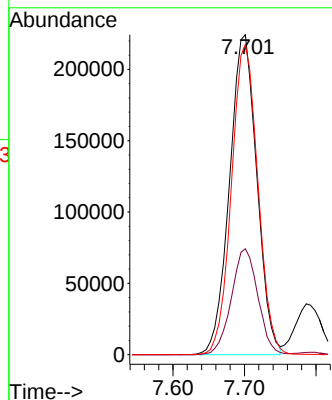
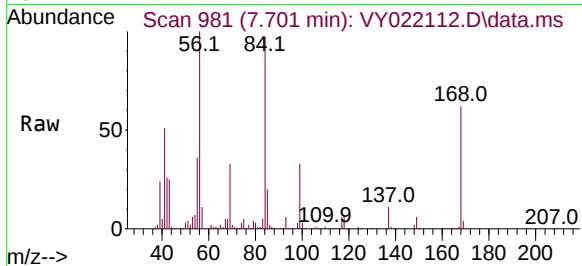




#31
Cyclohexane
Concen: 111.845 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

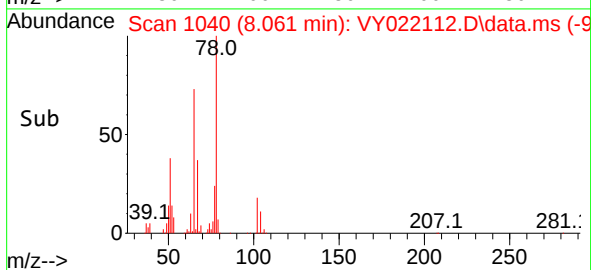
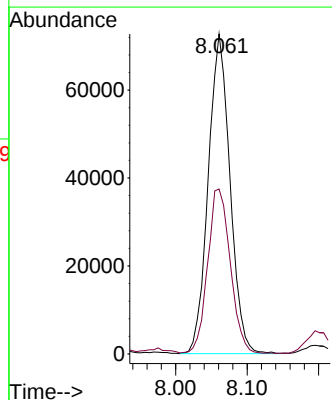
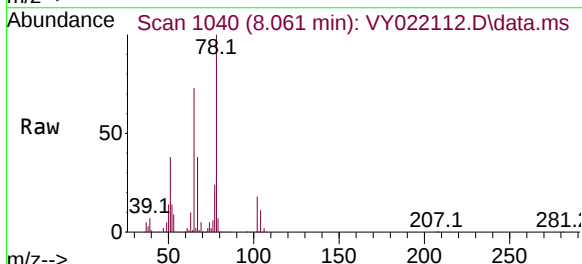
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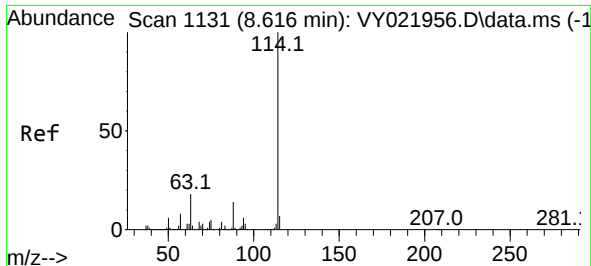
Tgt Ion: 56 Resp: 595505
Ion Ratio Lower Upper
56 100
69 33.1 29.4 44.2
84 96.9 82.2 123.4



#33
1,2-Dichloroethane-d4
Concen: 47.769 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 65 Resp: 153858
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.8

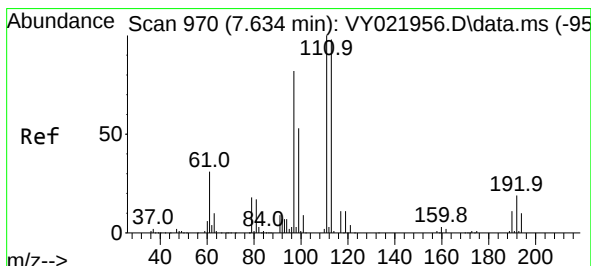
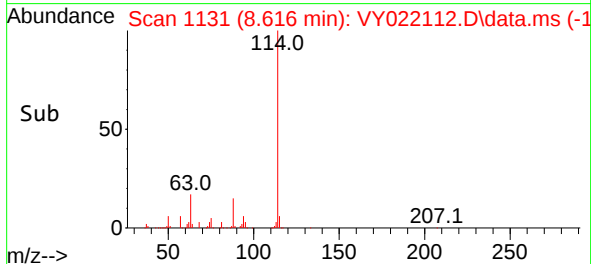
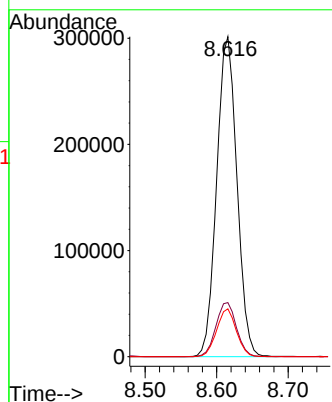
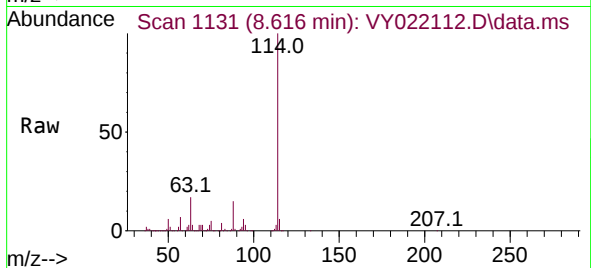




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

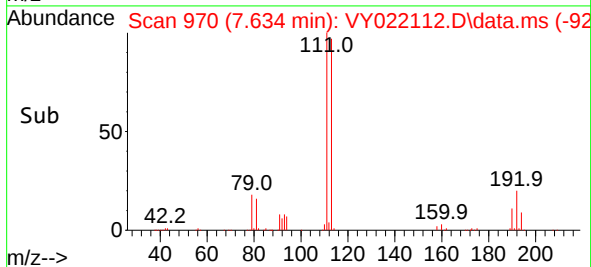
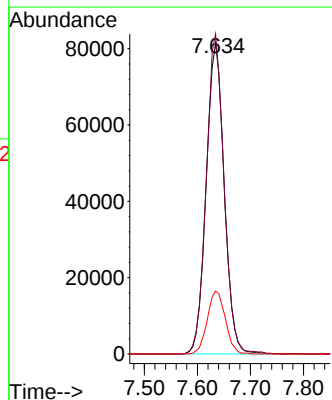
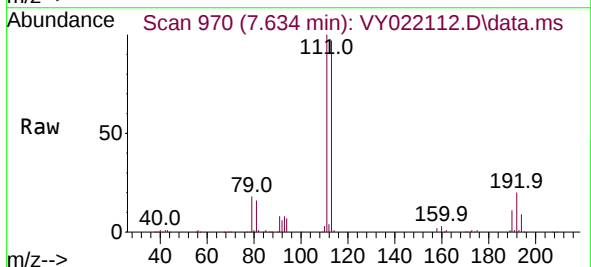
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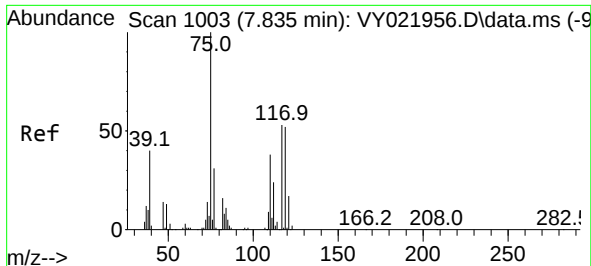
Tgt Ion:114 Resp: 593175
Ion Ratio Lower Upper
114 100
63 16.9 0.0 35.4
88 14.9 0.0 28.2



#35
Dibromofluoromethane
Concen: 49.121 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion:113 Resp: 192496
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.8
192 20.2 15.6 23.4

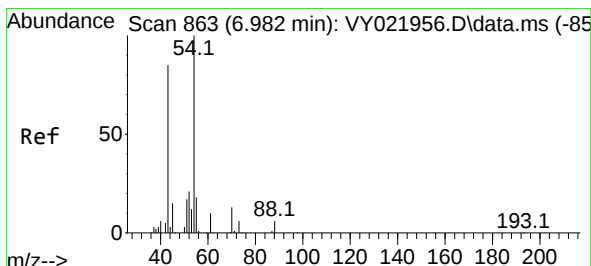
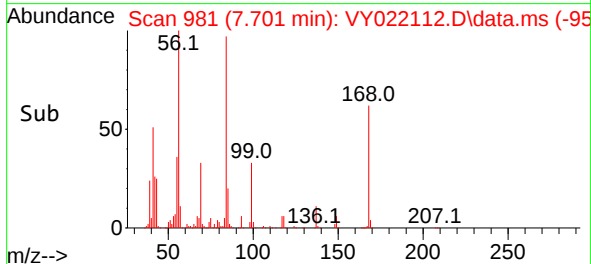
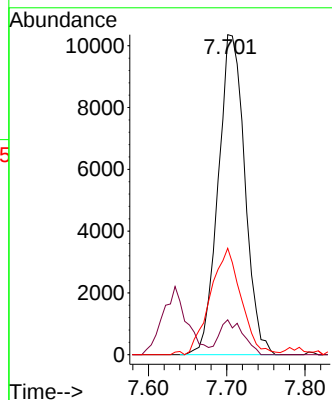
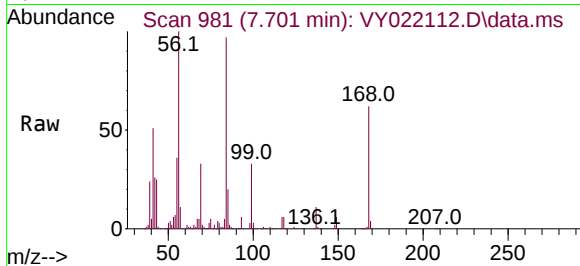




#36
1,1-Dichloropropene
Concen: 4.651 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

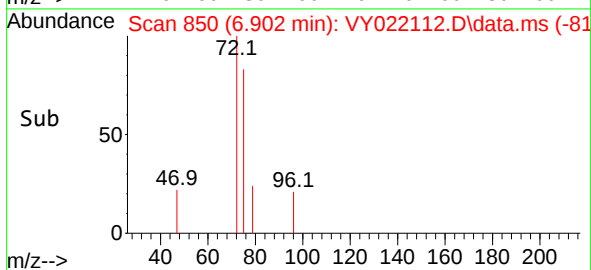
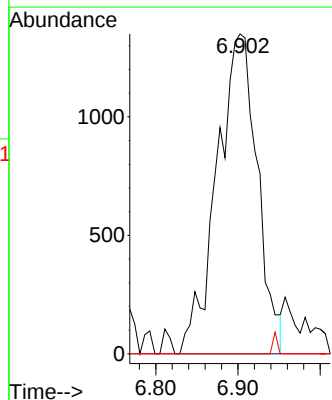
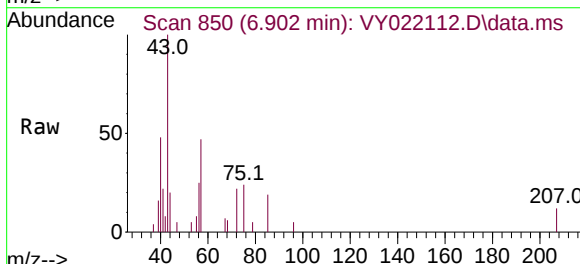
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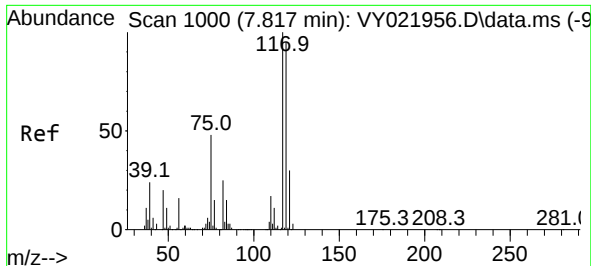
Tgt Ion: 75 Resp: 24484
Ion Ratio Lower Upper
75 100
110 9.8 19.1 57.3#
77 38.7 25.5 38.3#



#37
Ethyl Acetate
Concen: 2.440 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.079 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 43 Resp: 4613
Ion Ratio Lower Upper
43 100
61 0.0 13.8 20.6#
70 0.0 9.2 13.8#

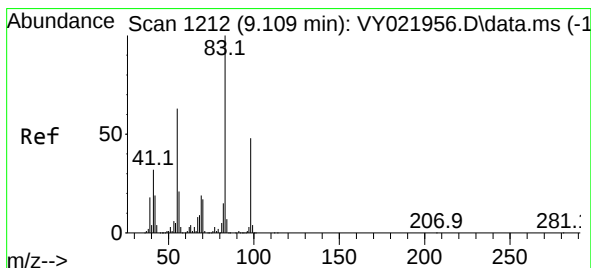
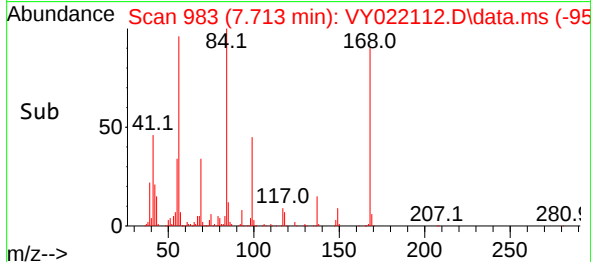
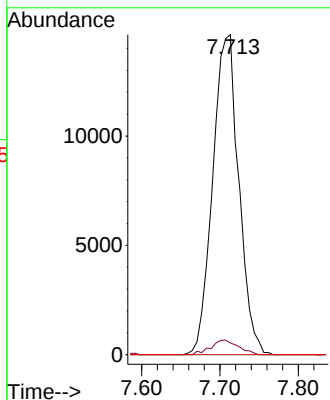
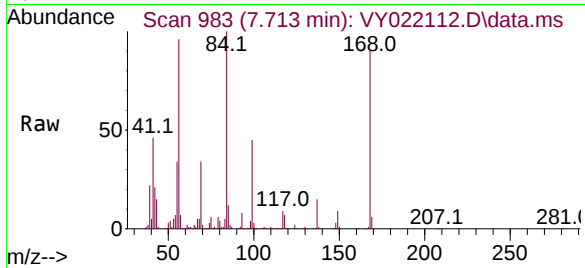




#38
Carbon Tetrachloride
Concen: 5.384 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

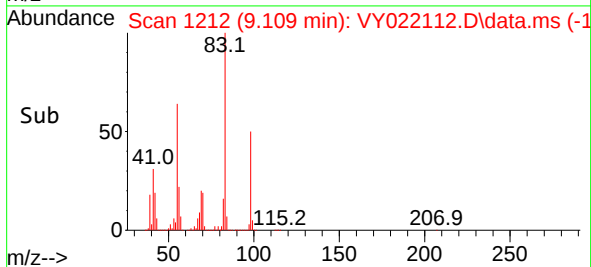
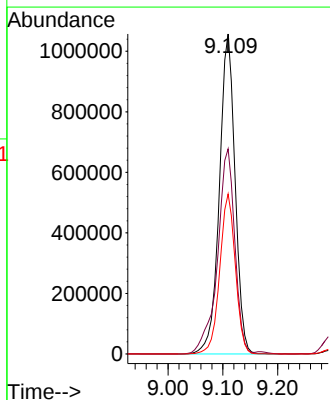
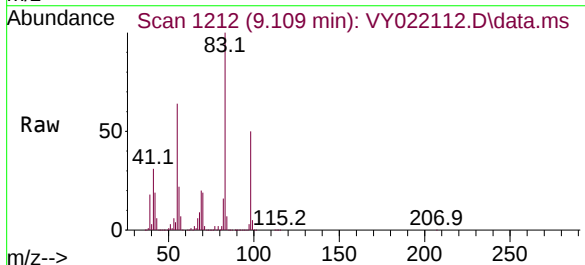
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

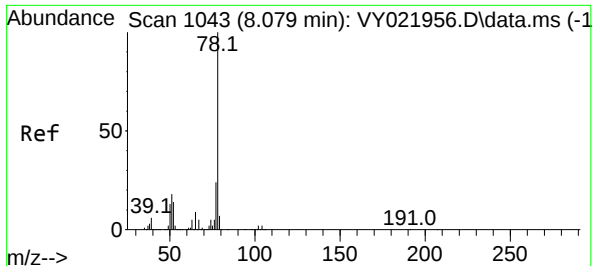
Tgt Ion:117 Resp: 33869
Ion Ratio Lower Upper
117 100
119 3.7 76.2 114.4#
121 0.0 24.0 36.0#



#39
Methylcyclohexane
Concen: 318.585 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 83 Resp: 2110464
Ion Ratio Lower Upper
83 100
55 64.1 50.6 75.8
98 50.0 38.6 58.0

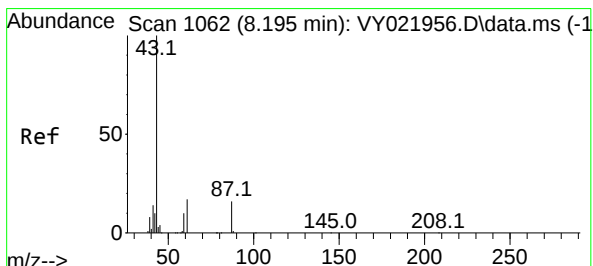
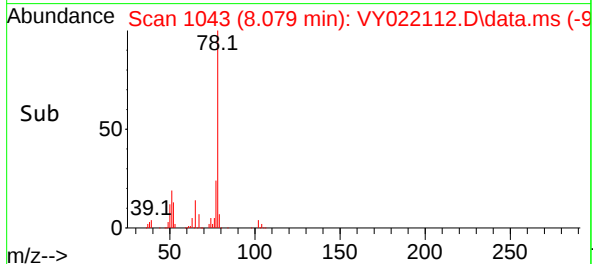
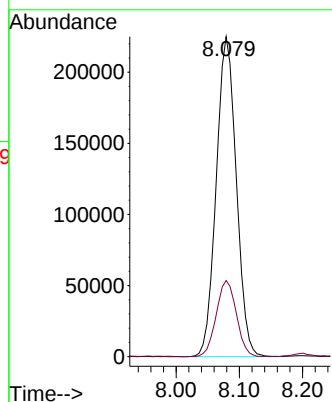
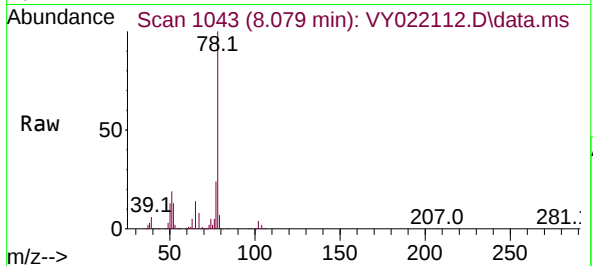




#40
Benzene
Concen: 30.072 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

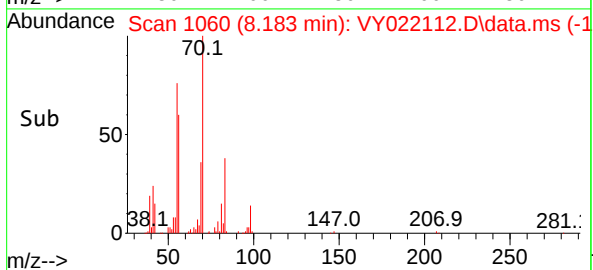
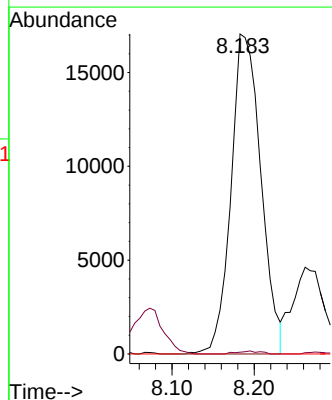
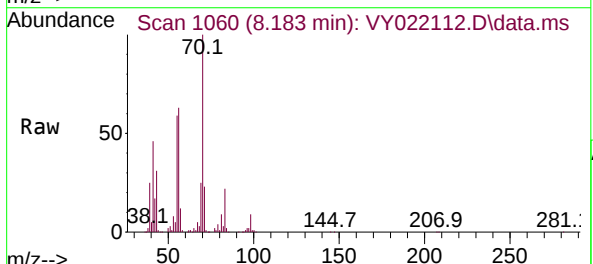
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

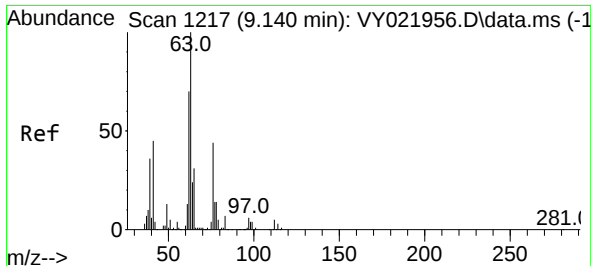
Tgt Ion: 78 Resp: 494837
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9



#43
Isopropyl Acetate
Concen: 11.876 ug/l
RT: 8.183 min Scan# 1060
Delta R.T. -0.012 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 43 Resp: 43117
Ion Ratio Lower Upper
43 100
61 0.7 18.9 28.3#
87 0.0 13.7 20.5#





#45

1,2-Dichloropropane

Concen: 5.083 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.031 min

Lab File: VY022112.D

Acq: 01 May 2025 17:16

Instrument :

MSVOA_Y

ClientSampleId :

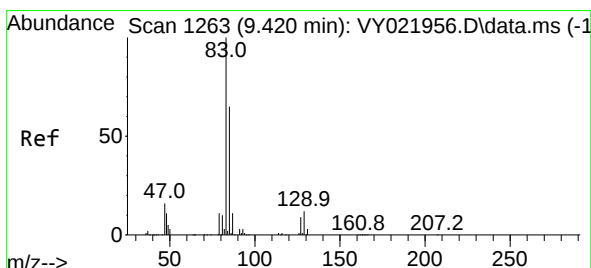
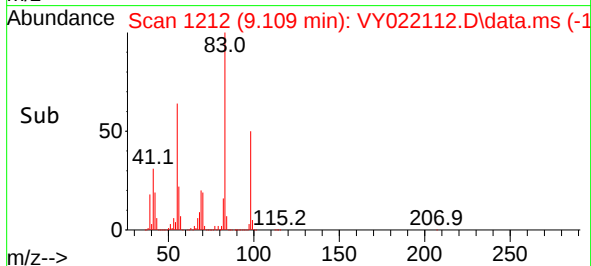
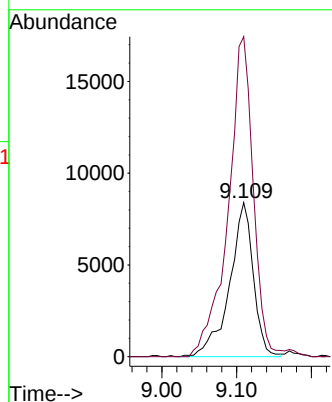
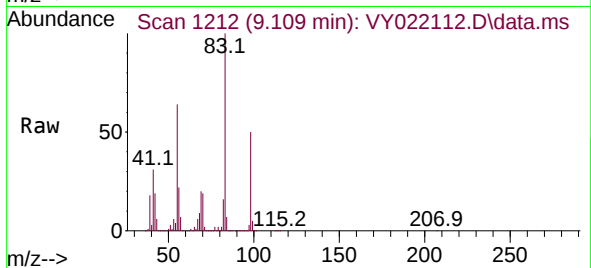
SS-5

Tgt Ion: 63 Resp: 18496

Ion Ratio Lower Upper

63 100

65 207.6 25.2 37.8#



#47

Bromodichloromethane

Concen: 3.267 ug/l

RT: 9.536 min Scan# 1282

Delta R.T. 0.116 min

Lab File: VY022112.D

Acq: 01 May 2025 17:16

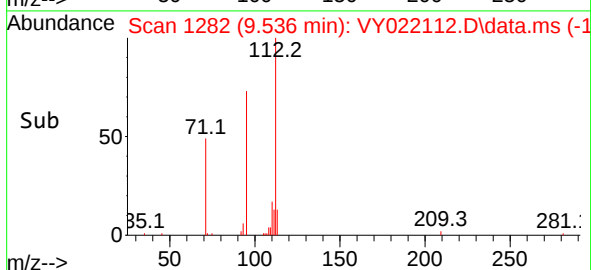
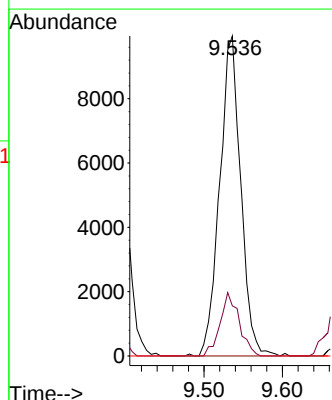
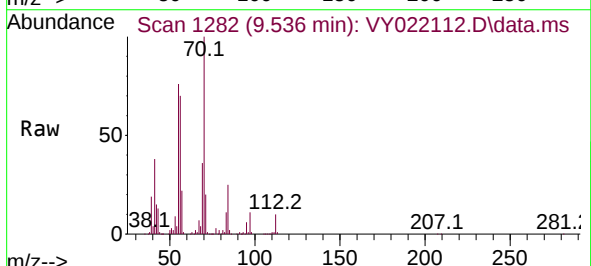
Tgt Ion: 83 Resp: 18593

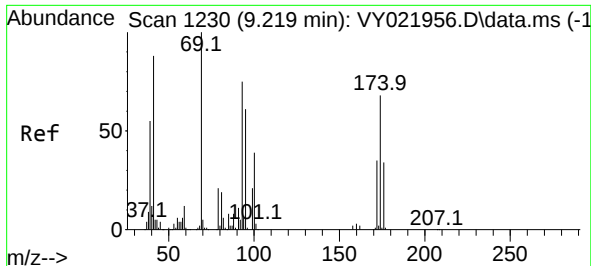
Ion Ratio Lower Upper

83 100

85 15.7 51.8 77.8#

127 0.0 7.0 10.6#





#48

Methyl methacrylate

Concen: 18.293 ug/l

RT: 9.170 min Scan# 11

Delta R.T. -0.049 min

Lab File: VY022112.D

Acq: 01 May 2025 17:16

Instrument :

MSVOA_Y

ClientSampleId :

SS-5

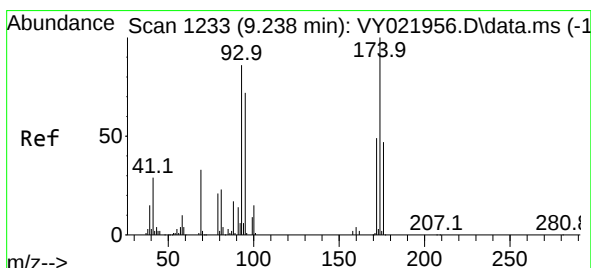
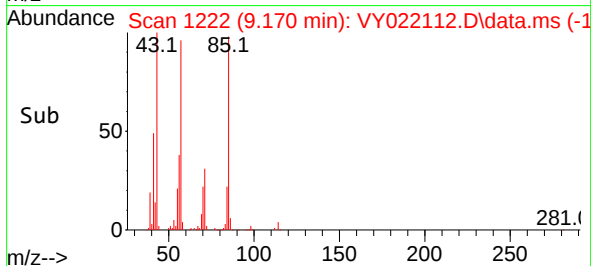
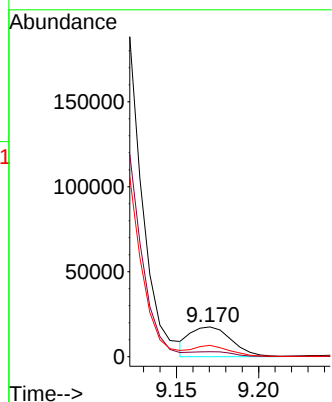
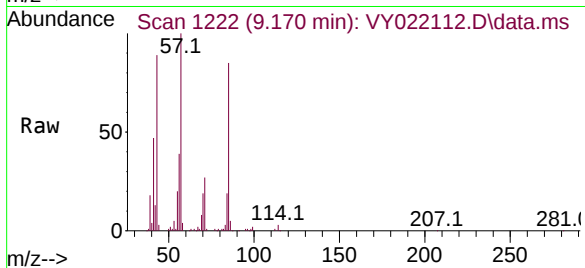
Tgt Ion: 41 Resp: 30703

Ion Ratio Lower Upper

41 100

69 0.0 85.5 128.3#

39 0.0 46.2 69.4#



#49

1,4-Dioxane

Concen: 1.606 ug/l

RT: 9.097 min Scan# 1210

Delta R.T. -0.140 min

Lab File: VY022112.D

Acq: 01 May 2025 17:16

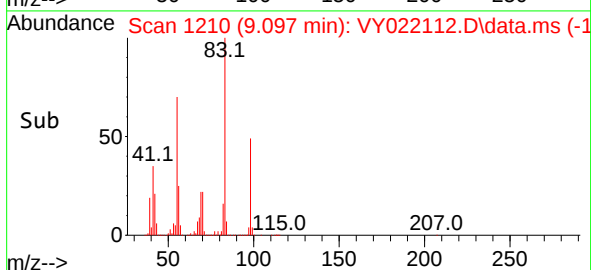
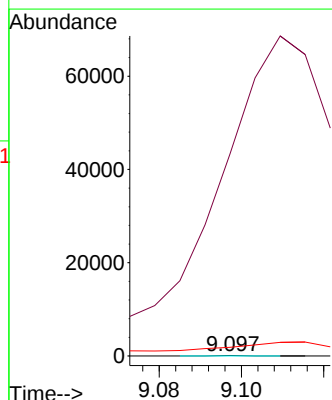
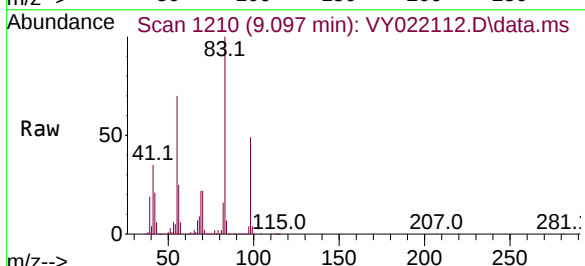
Tgt Ion: 88 Resp: 39

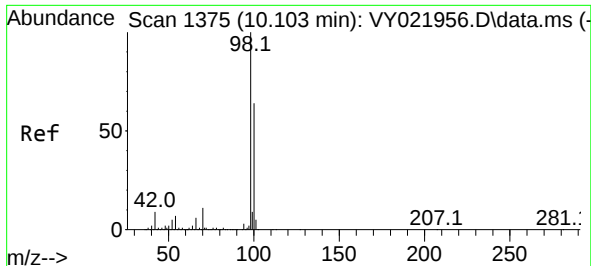
Ion Ratio Lower Upper

88 100

43 392628.2 21.3 31.9#

58 20902.6 50.5 75.7#

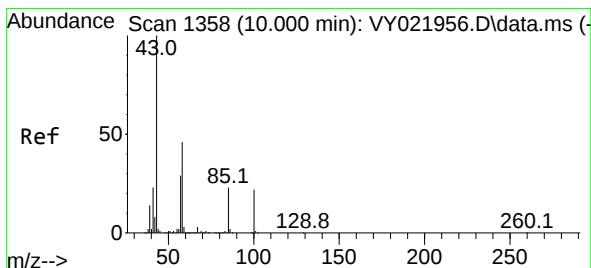
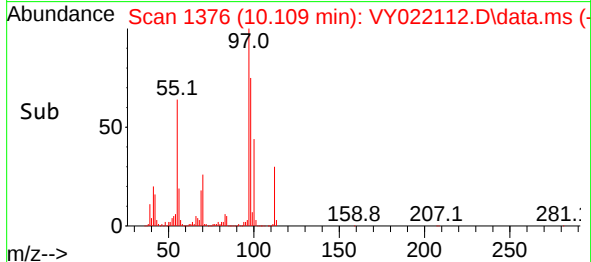
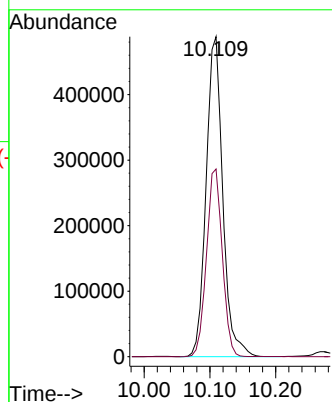
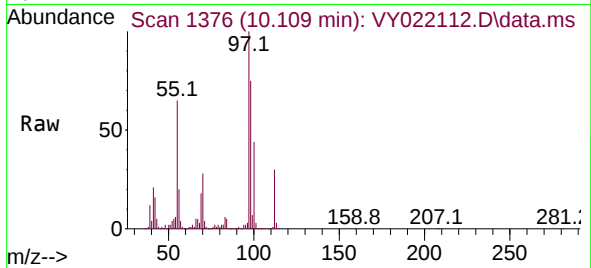




#50
Toluene-d8
Concen: 58.198 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

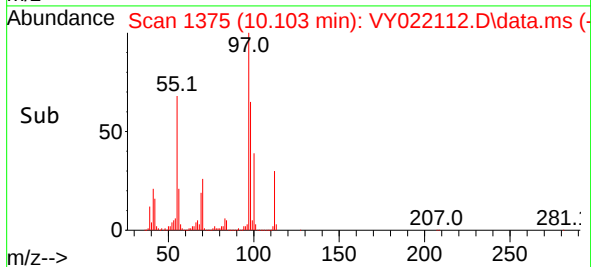
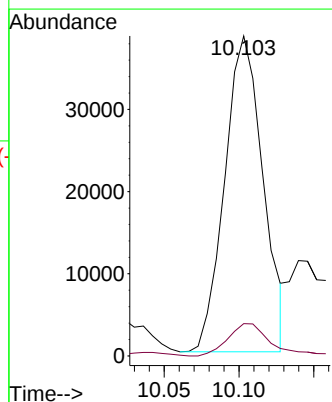
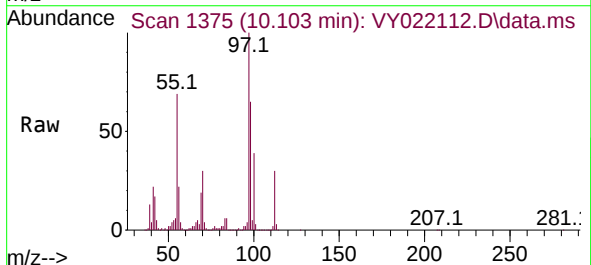
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

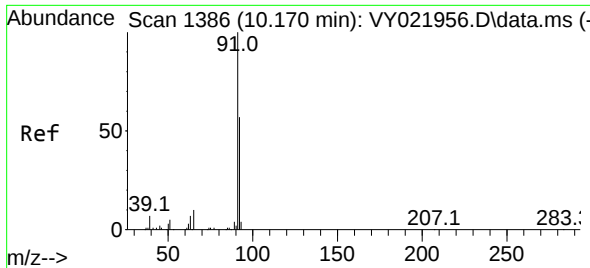
Tgt Ion: 98 Resp: 859815
Ion Ratio Lower Upper
98 100
100 55.7 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 36.021 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.104 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 43 Resp: 68557
Ion Ratio Lower Upper
43 100
58 11.5 36.6 55.0#

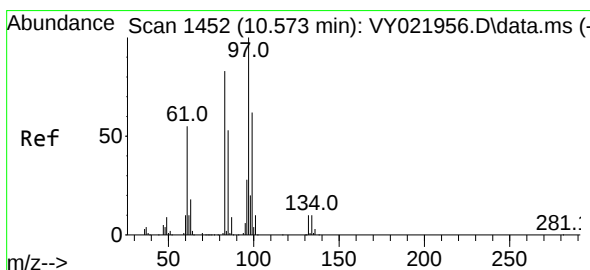
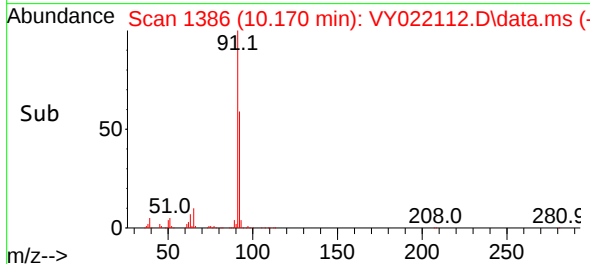
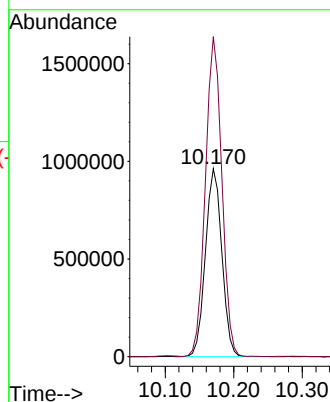
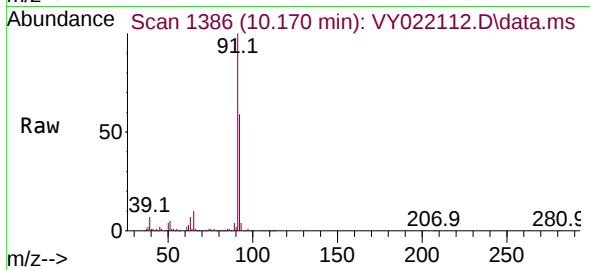




#52
Toluene
Concen: 150.607 ug/l
RT: 10.170 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

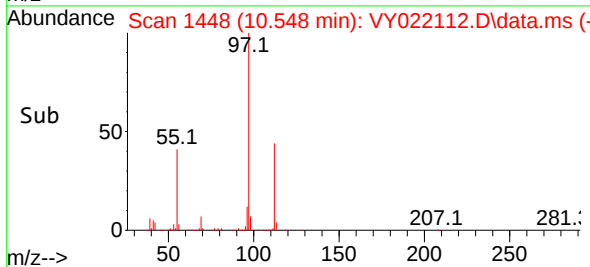
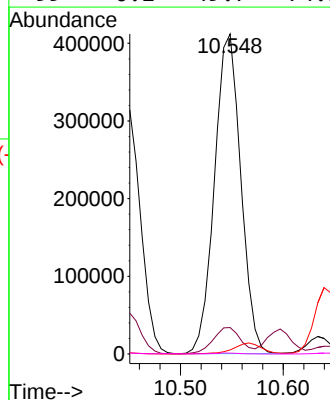
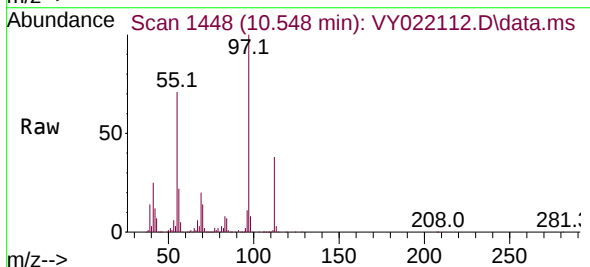
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

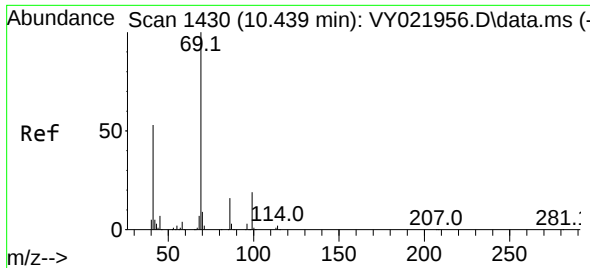
Tgt Ion: 92 Resp: 1604199
Ion Ratio Lower Upper
92 100
91 170.1 138.6 207.8



#55
1,1,2-Trichloroethane
Concen: 239.694 ug/l
RT: 10.548 min Scan# 1448
Delta R.T. -0.024 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 97 Resp: 729349
Ion Ratio Lower Upper
97 100
83 8.2 66.7 100.1#
85 1.3 42.6 64.0#
99 0.2 49.7 74.5#

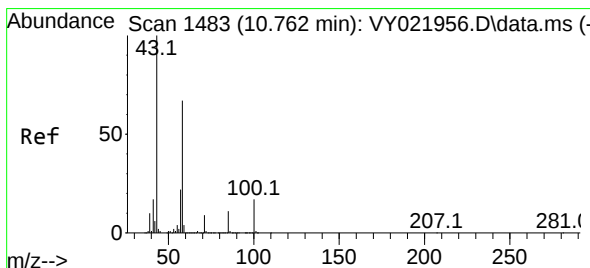
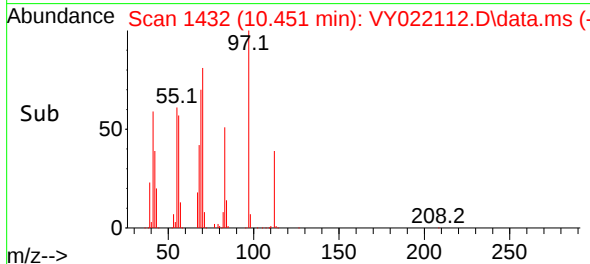
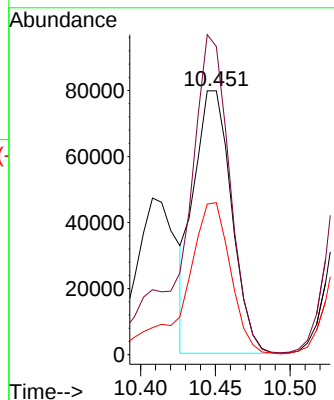
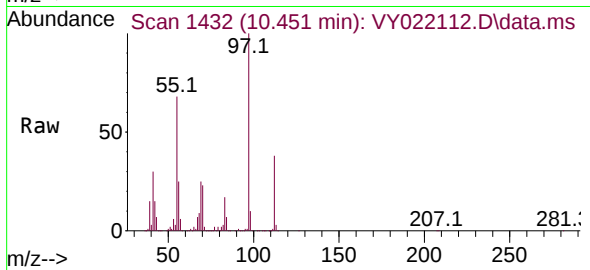




#56
Ethyl methacrylate
Concen: 39.996 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.012 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

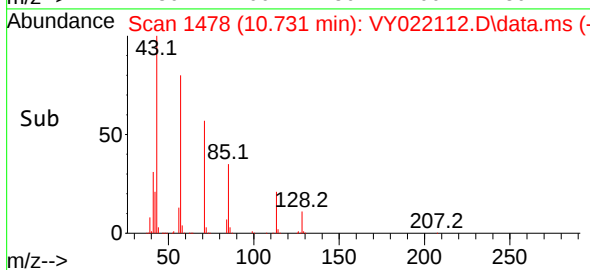
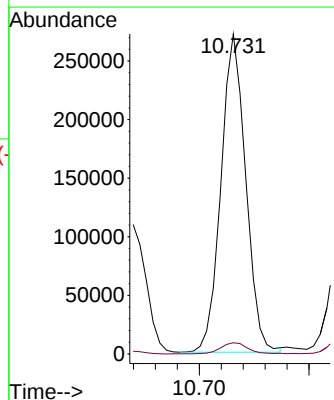
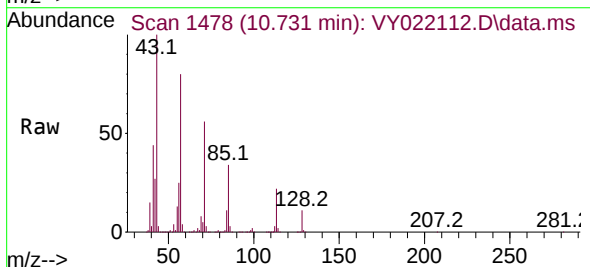
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

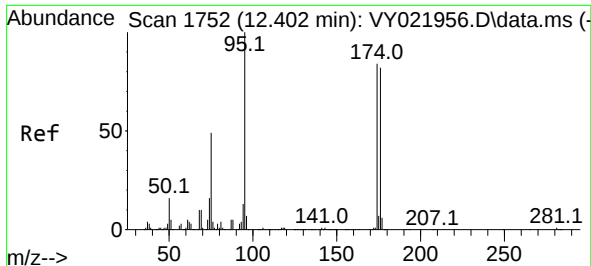
Tgt Ion: 69 Resp: 139172
Ion Ratio Lower Upper
69 100
41 148.8 40.7 61.1#
39 72.4 23.3 34.9#



#59
2-Hexanone
Concen: 339.026 ug/l
RT: 10.731 min Scan# 1478
Delta R.T. -0.031 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 43 Resp: 425600
Ion Ratio Lower Upper
43 100
58 4.0 32.0 96.0#

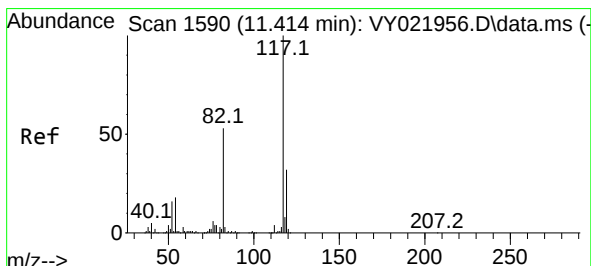
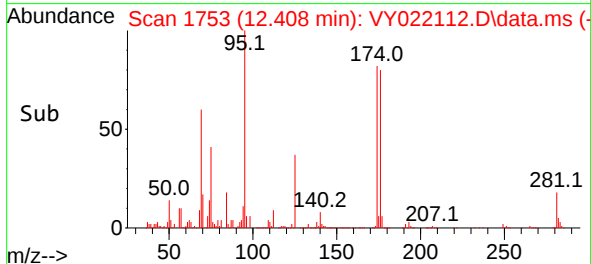
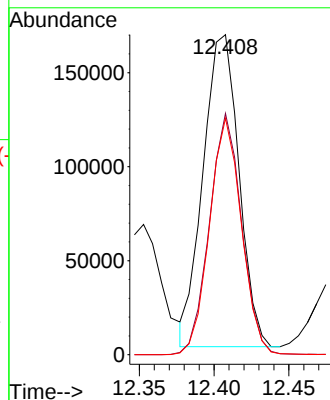
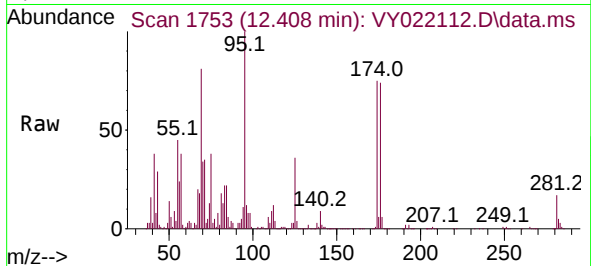




#62
4-Bromofluorobenzene
Concen: 55.541 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

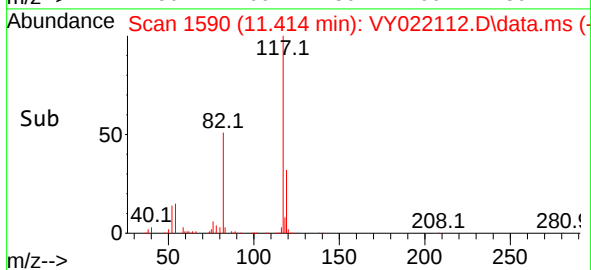
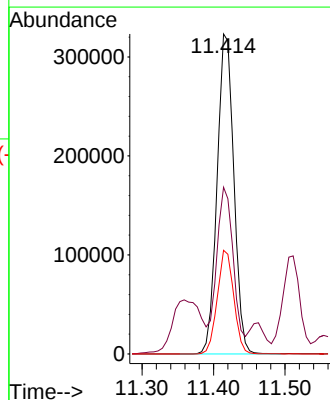
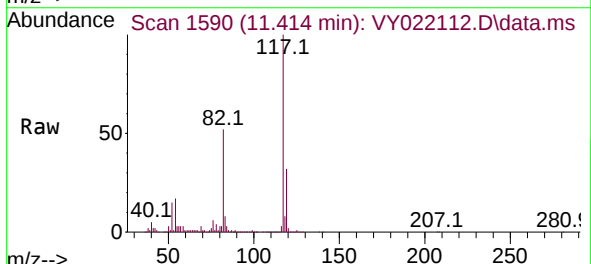
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

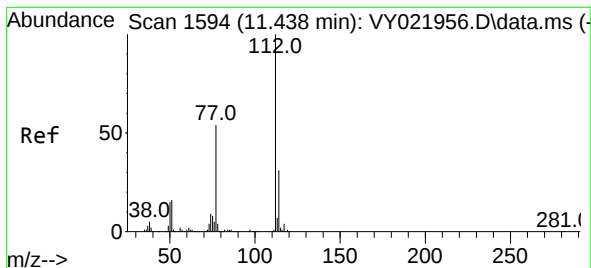
Tgt Ion: 95 Resp: 276233
Ion Ratio Lower Upper
95 100
174 69.4 0.0 179.0
176 67.6 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 117 Resp: 525097
Ion Ratio Lower Upper
117 100
82 40.0 42.1 63.1#
119 32.4 25.7 38.5

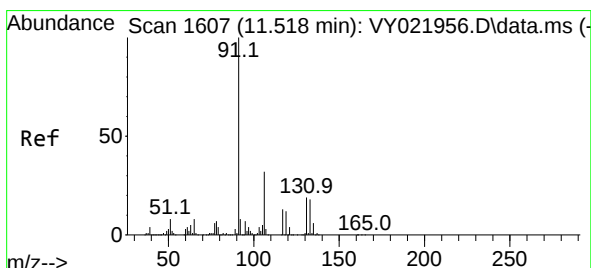
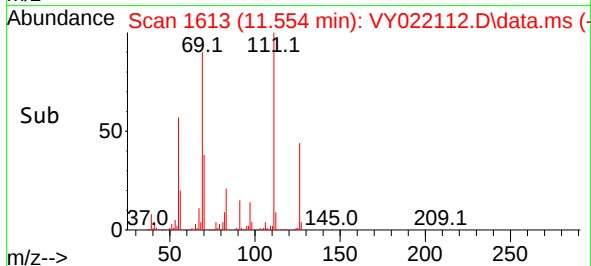
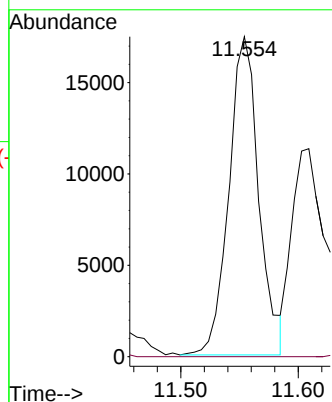
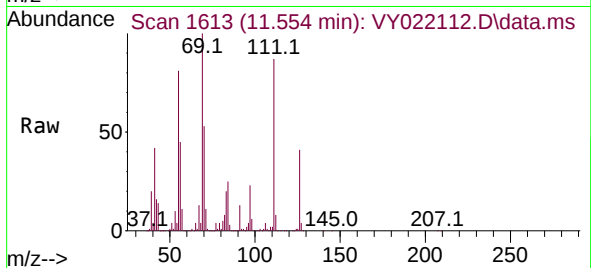




#65
Chlorobenzene
Concen: 2.625 ug/l
RT: 11.554 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

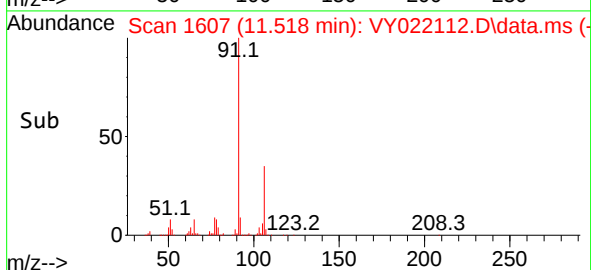
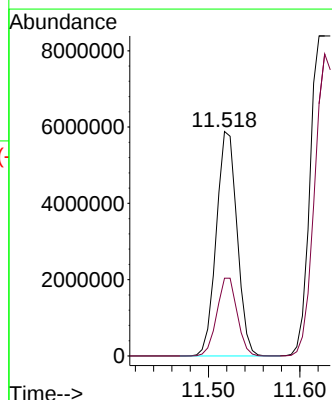
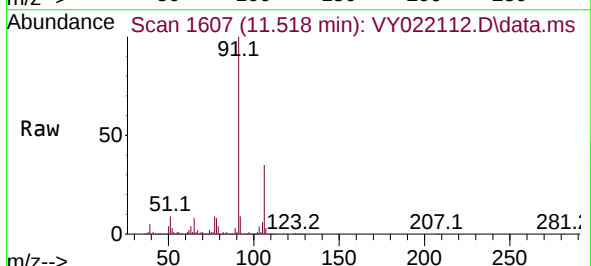
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

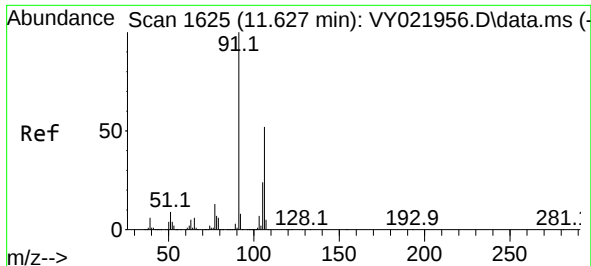
Tgt Ion:112 Resp: 30823
Ion Ratio Lower Upper
112 100
114 0.0 25.0 37.4#



#67
Ethyl Benzene
Concen: 483.316 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 91 Resp: 9283955
Ion Ratio Lower Upper
91 100
106 34.7 25.9 38.9

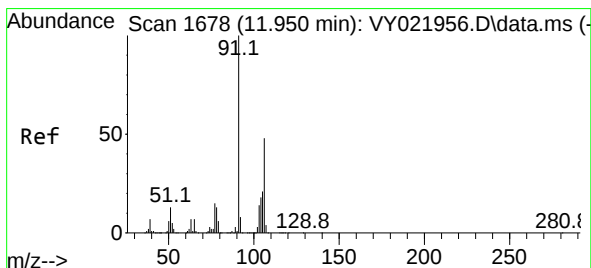
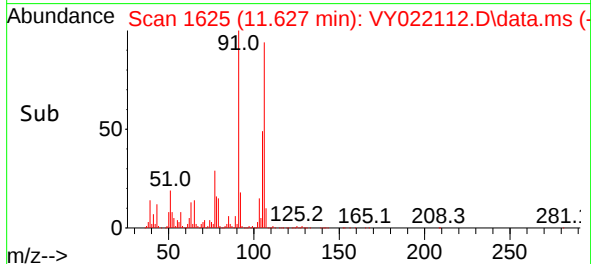
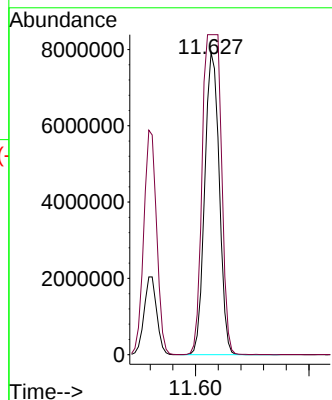
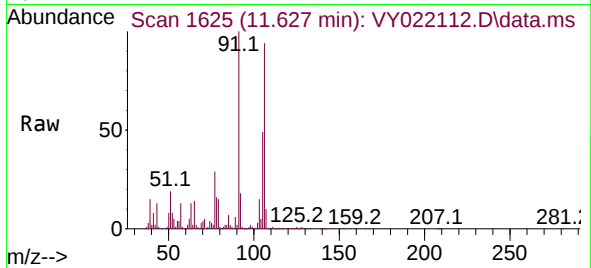




#68
m/p-Xylenes
Concen: 1840.340 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

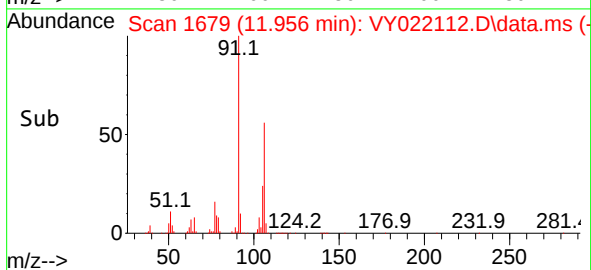
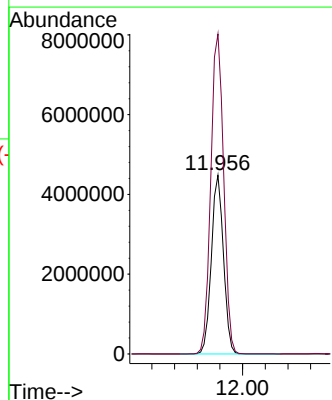
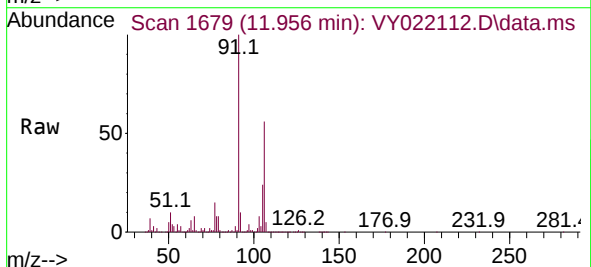
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

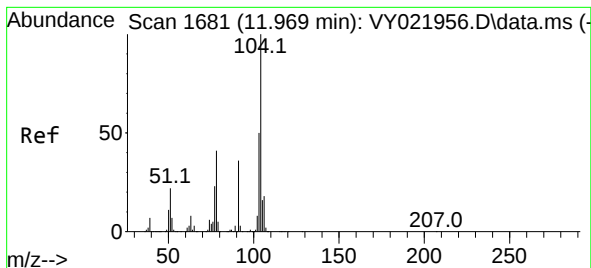
Tgt Ion:106 Resp:14066887
Ion Ratio Lower Upper
106 100
91 139.2 156.2 234.2#



#69
o-Xylene
Concen: 941.942 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion:106 Resp: 6636011
Ion Ratio Lower Upper
106 100
91 190.6 103.0 308.9





#70

Styrene

Concen: 28.466 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY022112.D

Acq: 01 May 2025 17:16

Instrument :

MSVOA_Y

ClientSampleId :

SS-5

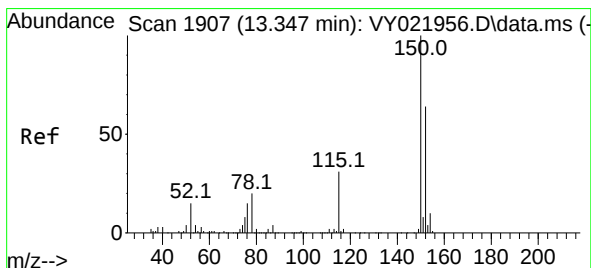
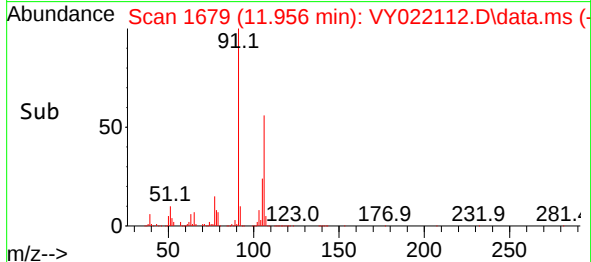
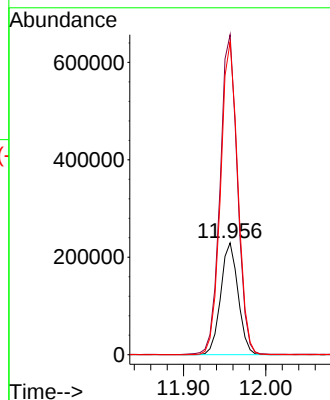
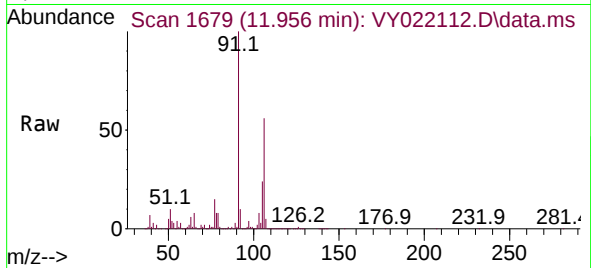
Tgt Ion:104 Resp: 336724

Ion Ratio Lower Upper

104 100

78 286.0 36.6 54.8#

103 278.2 43.8 65.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022112.D

Acq: 01 May 2025 17:16

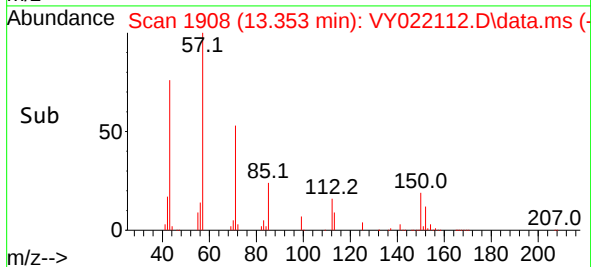
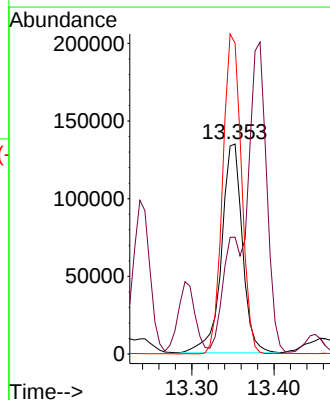
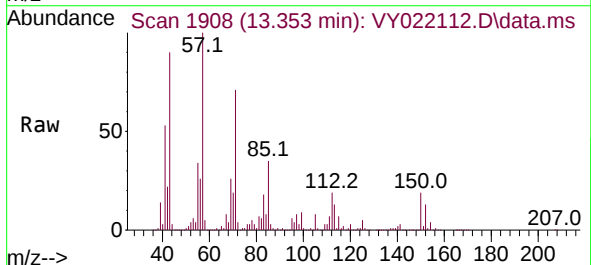
Tgt Ion:152 Resp: 237049

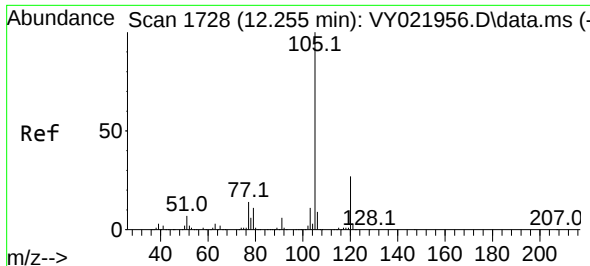
Ion Ratio Lower Upper

152 100

115 0.0 28.0 84.0#

150 137.8 0.0 345.6

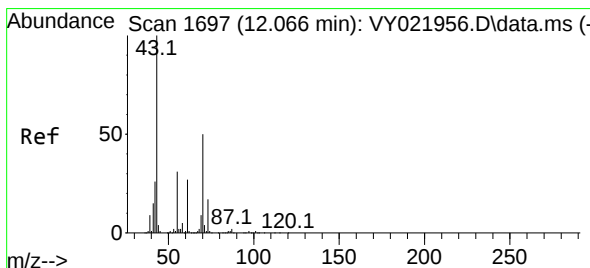
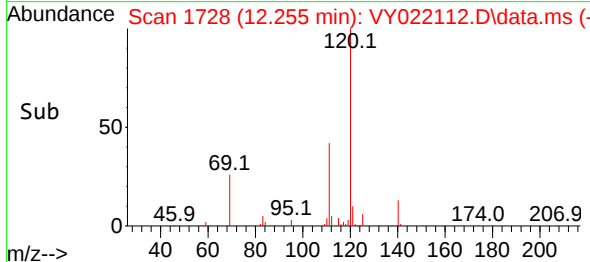
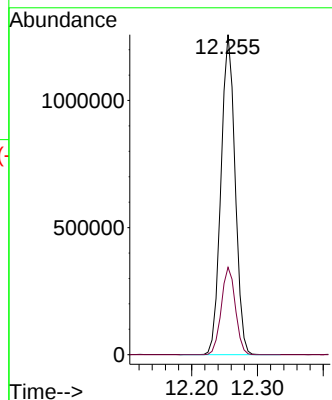
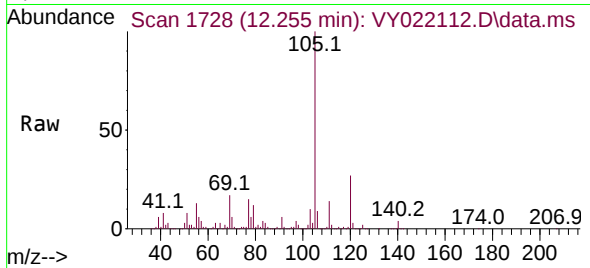




#73
Isopropylbenzene
Concen: 118.726 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

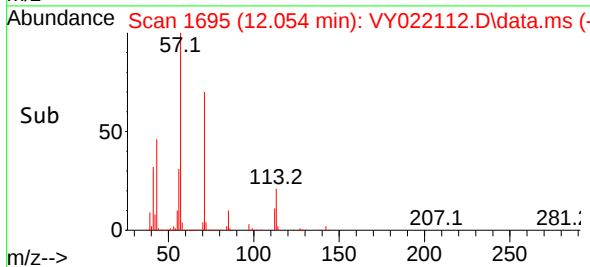
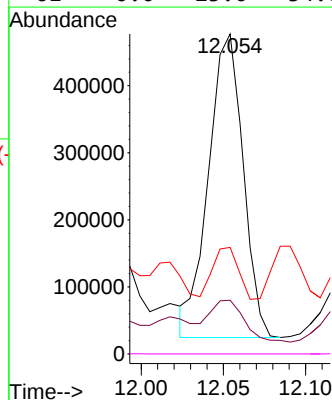
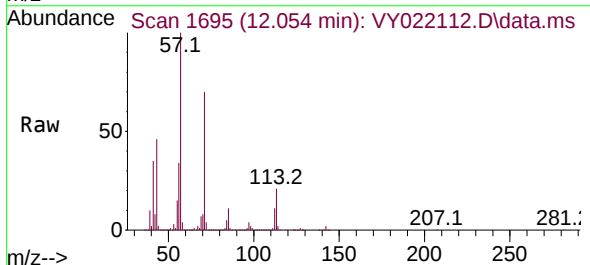
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

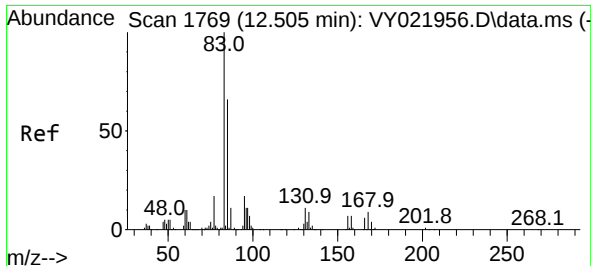
Tgt Ion:105 Resp: 1880303
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.5



#74
N-ethyl acetate
Concen: 243.514 ug/l
RT: 12.054 min Scan# 1695
Delta R.T. -0.012 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 43 Resp: 662604
Ion Ratio Lower Upper
43 100
70 15.0 43.2 64.8#
55 12.6 25.7 38.5#
61 0.0 23.0 34.6#

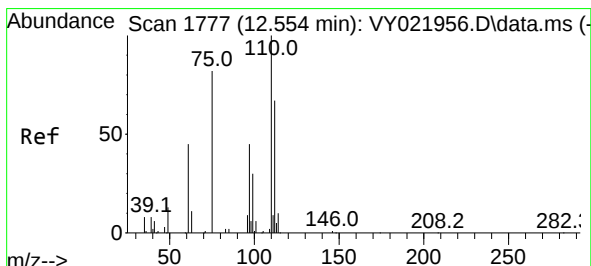
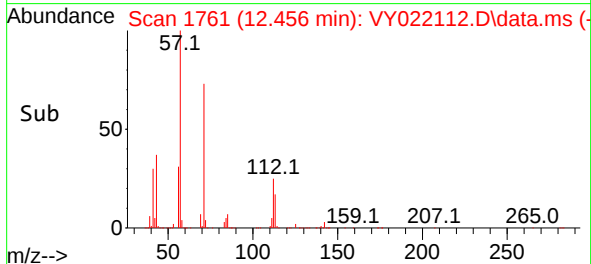
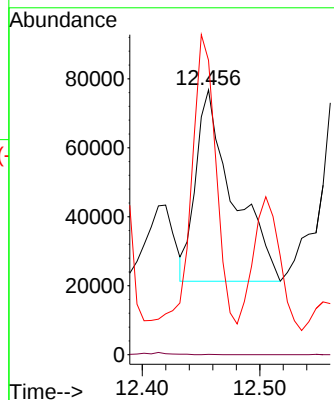
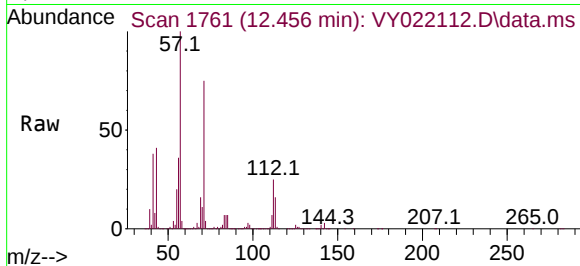




#75
1,1,2,2-Tetrachloroethane
Concen: 45.869 ug/l
RT: 12.456 min Scan# 1784
Delta R.T. -0.049 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

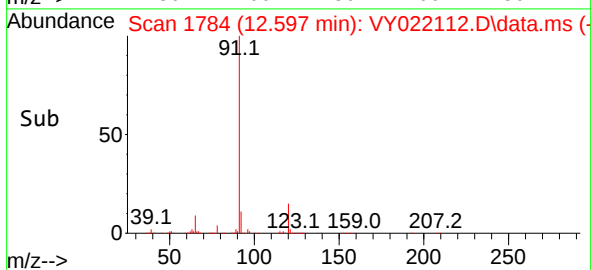
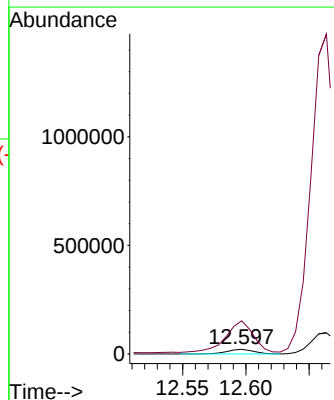
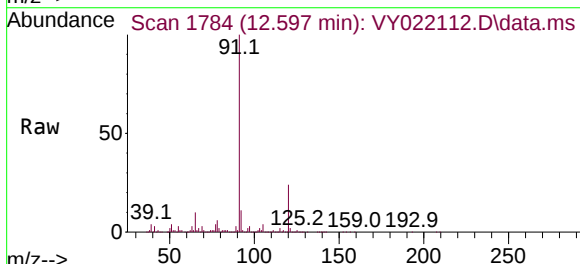
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

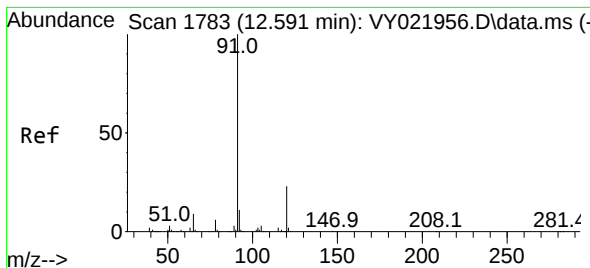
Tgt Ion: 83 Resp: 122477
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.4#
85 95.7 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 15.406 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.043 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 75 Resp: 31282
Ion Ratio Lower Upper
75 100
77 721.0 0.0 0.0#





#78

n-propylbenzene

Concen: 288.152 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022112.D

Acq: 01 May 2025 17:16

Instrument :

MSVOA_Y

ClientSampleId :

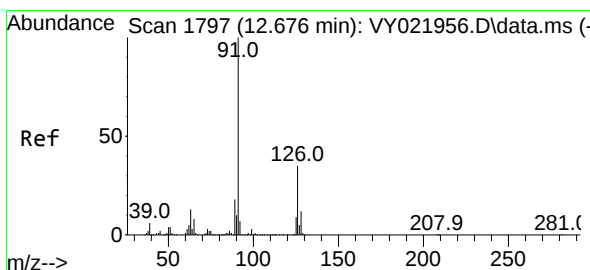
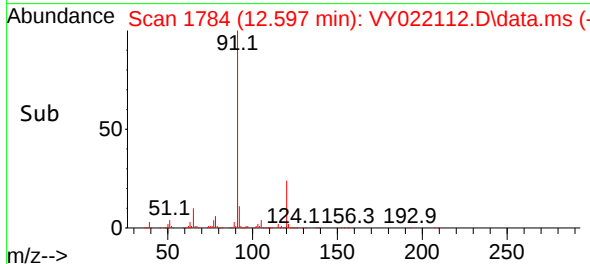
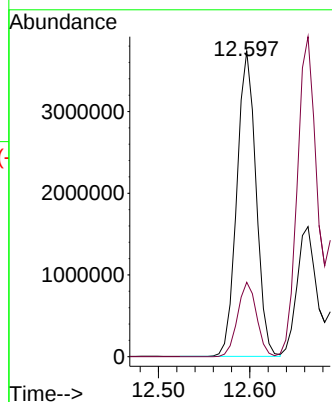
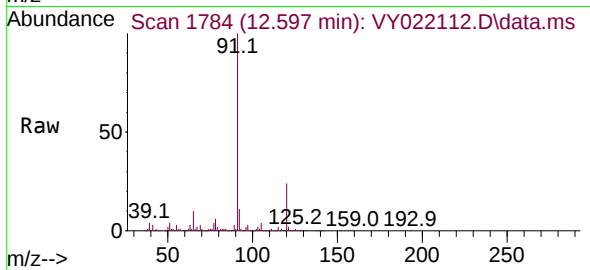
SS-5

Tgt Ion: 91 Resp: 5434691

Ion Ratio Lower Upper

91 100

120 24.2 11.9 35.5



#79

2-Chlorotoluene

Concen: 208.778 ug/l

RT: 12.664 min Scan# 1795

Delta R.T. -0.012 min

Lab File: VY022112.D

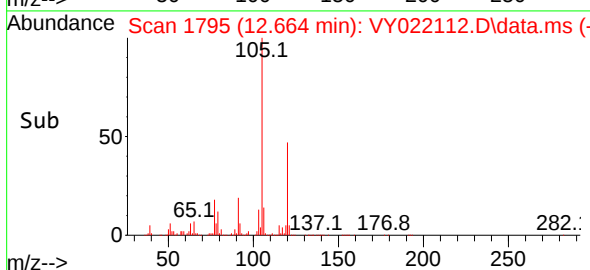
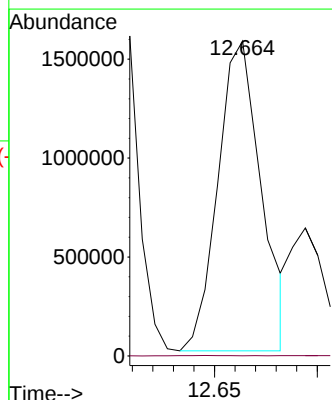
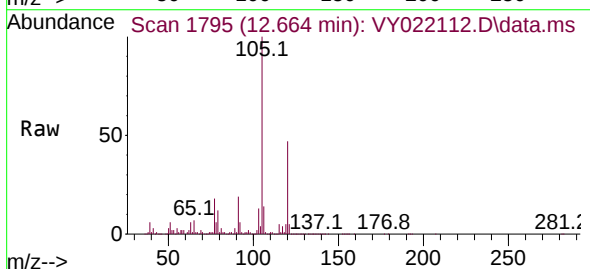
Acq: 01 May 2025 17:16

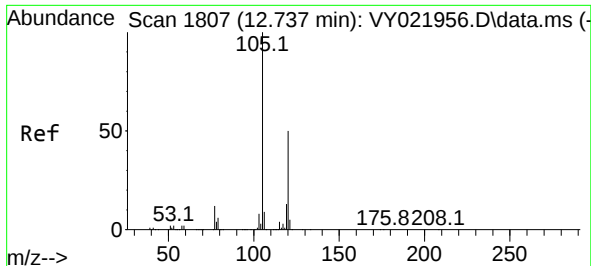
Tgt Ion: 91 Resp: 2289996

Ion Ratio Lower Upper

91 100

126 0.1 17.9 53.8#

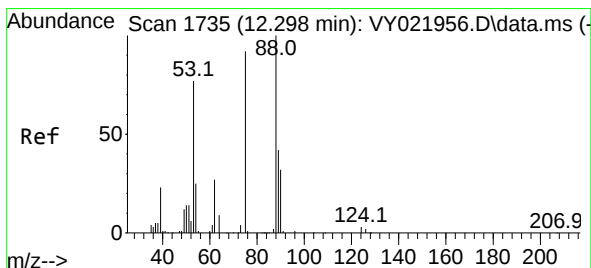
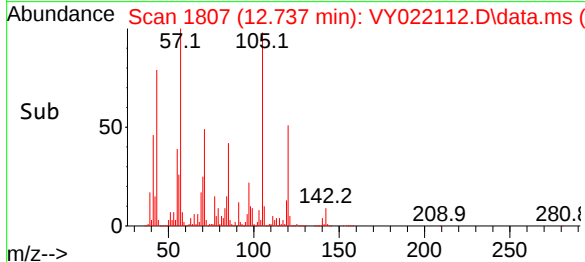
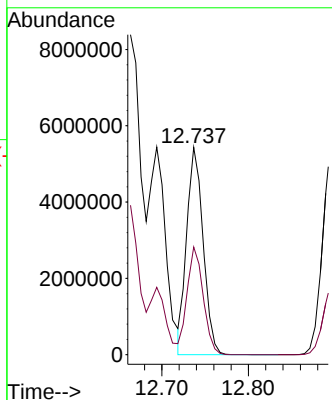
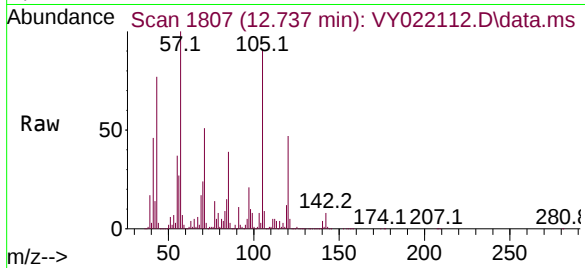




#80
1,3,5-Trimethylbenzene
Concen: 548.313 ug/l
RT: 12.737 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

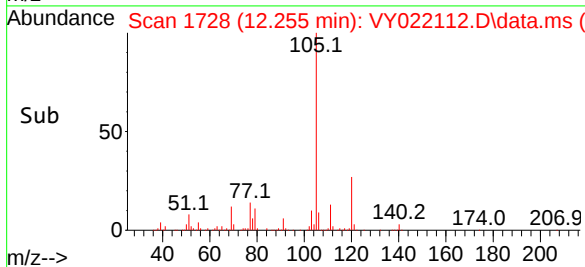
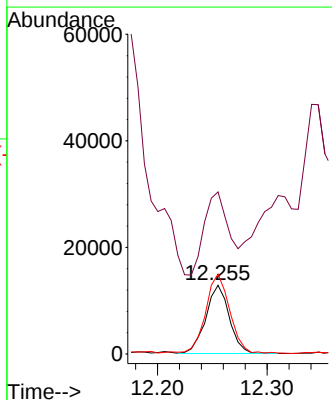
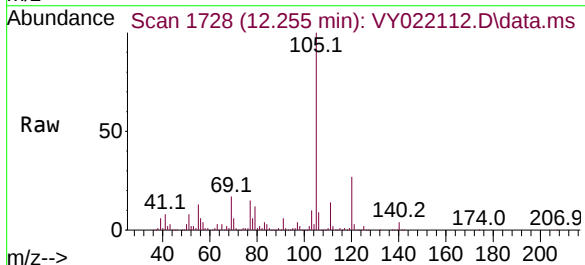
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

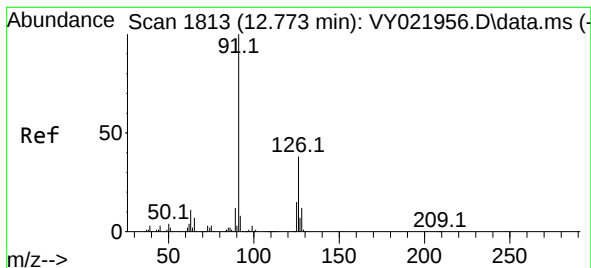
Tgt Ion:105 Resp: 7155023
Ion Ratio Lower Upper
105 100
120 51.0 25.0 75.0



#81
trans-1,4-Dichloro-2-butene
Concen: 22.615 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.043 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 75 Resp: 19068
Ion Ratio Lower Upper
75 100
53 127.7 66.0 99.0#
89 120.4 37.2 55.8#

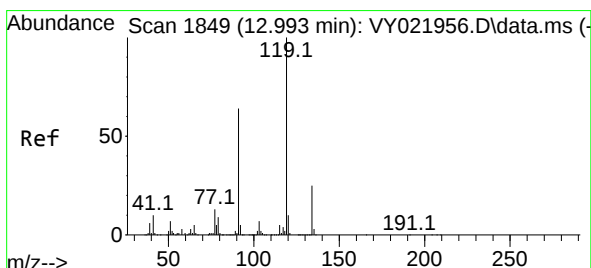
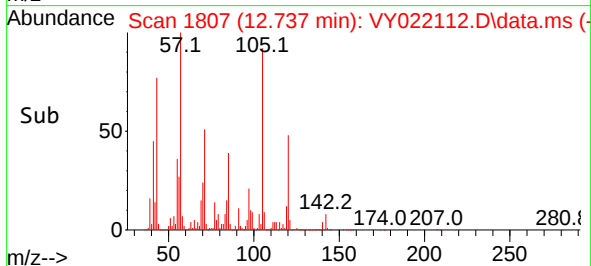
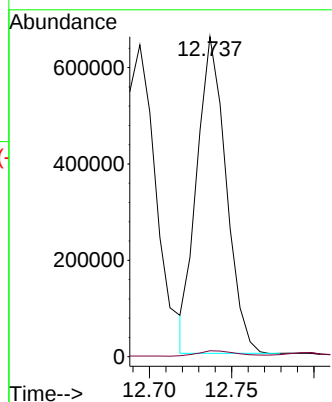
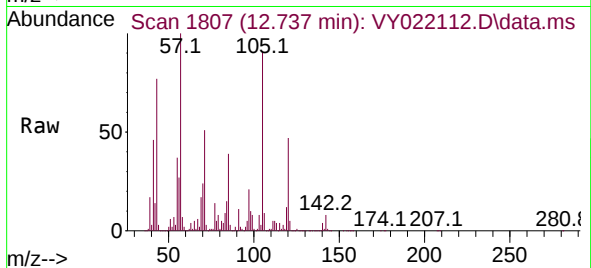




#82
4-Chlorotoluene
Concen: 71.172 ug/l
RT: 12.737 min Scan# 1813
Delta R.T. -0.037 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

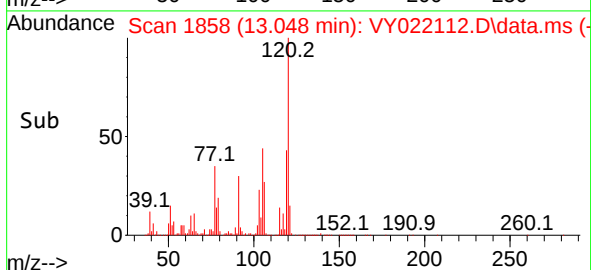
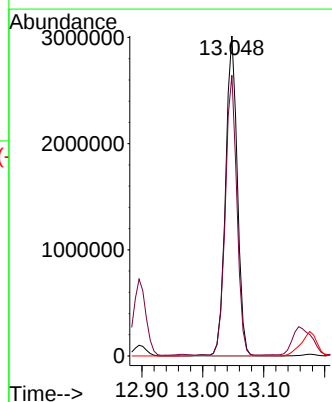
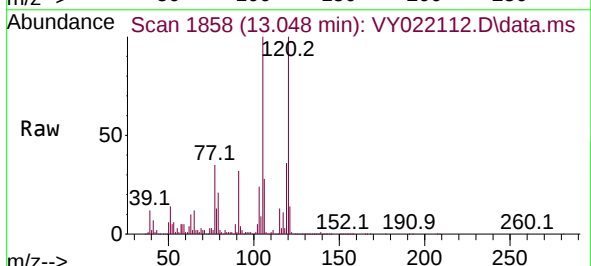
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

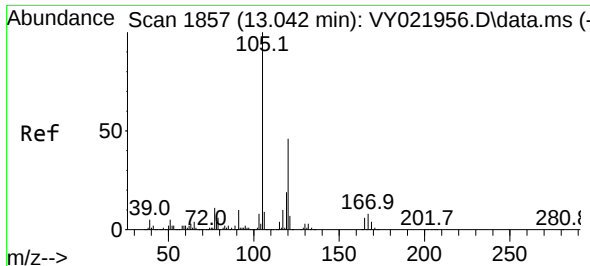
Tgt Ion: 91 Resp: 811515
Ion Ratio Lower Upper
91 100
126 2.3 17.9 53.8#



#83
tert-Butylbenzene
Concen: 344.573 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.055 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 119 Resp: 4032577
Ion Ratio Lower Upper
119 100
91 85.6 30.3 90.9
134 0.0 12.9 38.7#

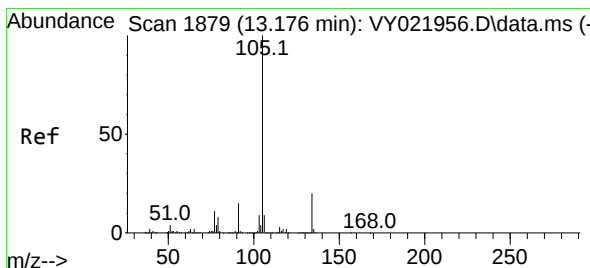
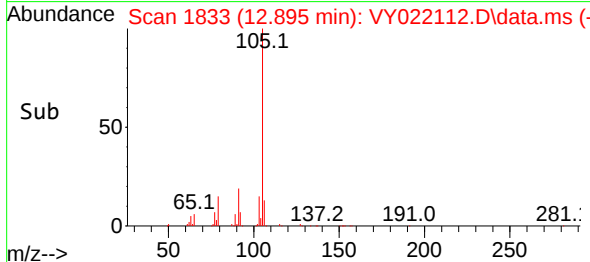
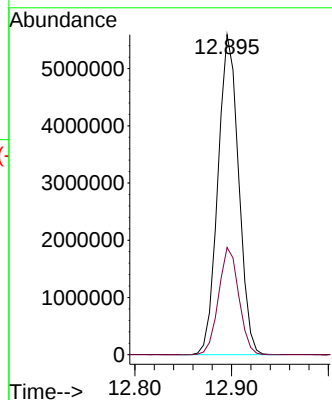
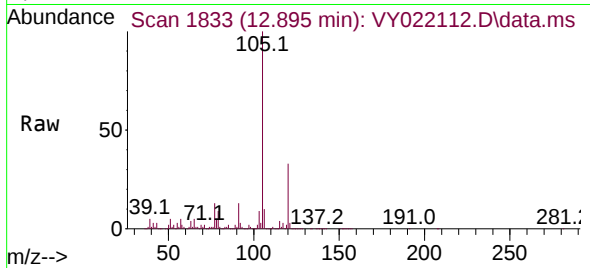




#84
1,2,4-Trimethylbenzene
Concen: 635.883 ug/l
RT: 12.895 min Scan# 1833
Delta R.T. -0.146 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

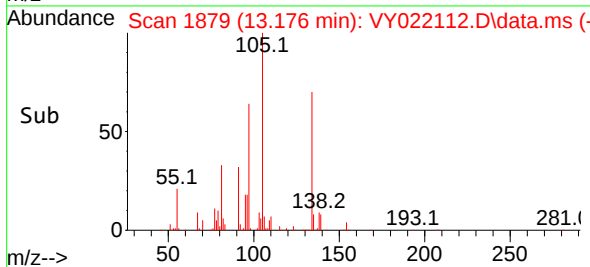
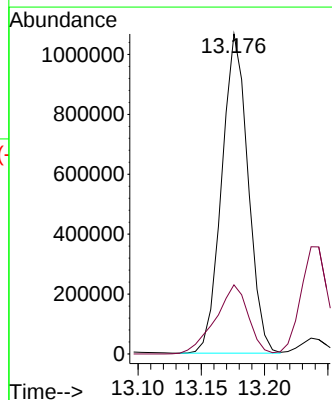
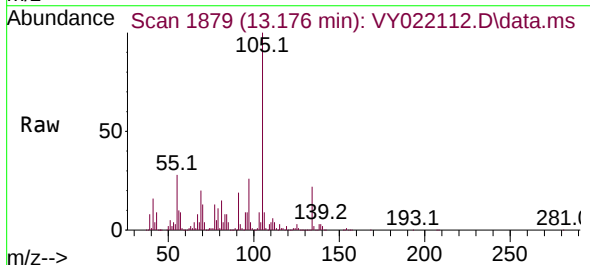
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

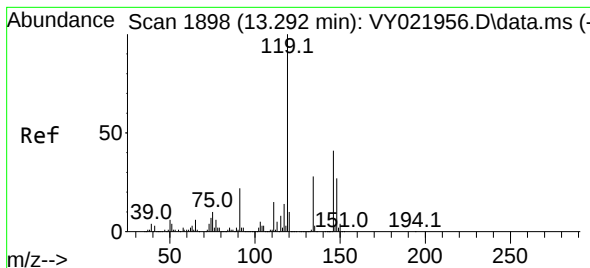
Tgt Ion:105 Resp: 8299630
Ion Ratio Lower Upper
105 100
120 32.7 23.4 70.0



#85
sec-Butylbenzene
Concen: 89.913 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion:105 Resp: 1539777
Ion Ratio Lower Upper
105 100
134 27.0 10.3 30.9





#86

p-Isopropyltoluene

Concen: 61.680 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022112.D

Acq: 01 May 2025 17:16

Instrument :

MSVOA_Y

ClientSampleId :

SS-5

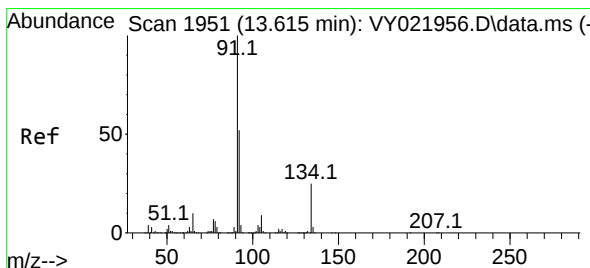
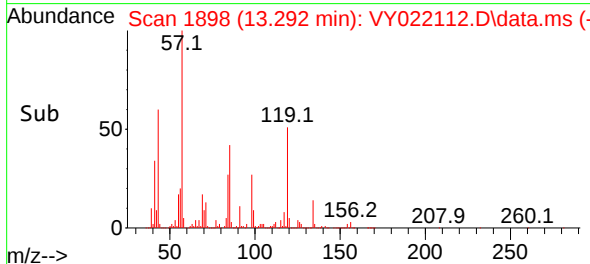
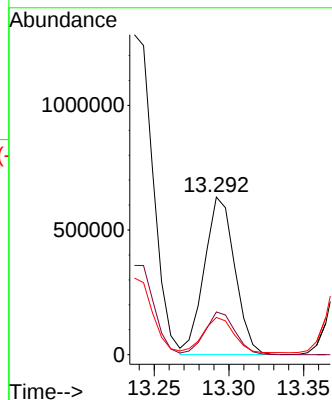
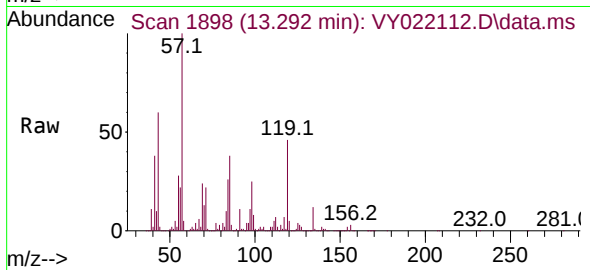
Tgt Ion:119 Resp: 896938

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.7

91 22.2 11.0 33.0



#89

n-Butylbenzene

Concen: 119.343 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY022112.D

Acq: 01 May 2025 17:16

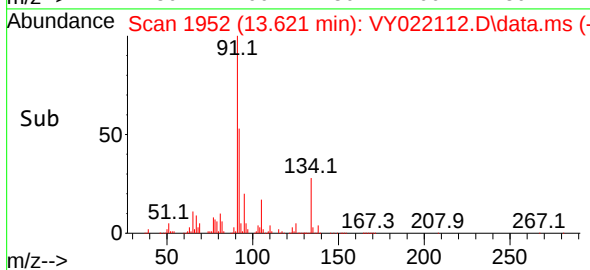
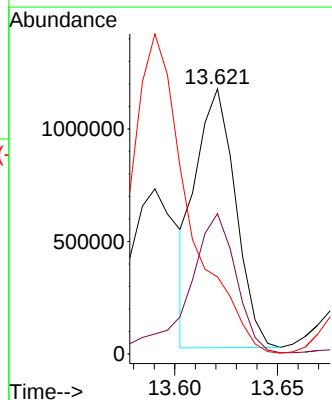
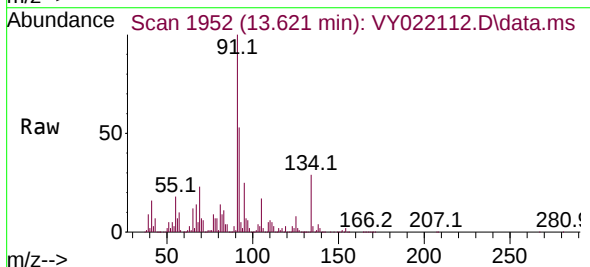
Tgt Ion: 91 Resp: 1551221

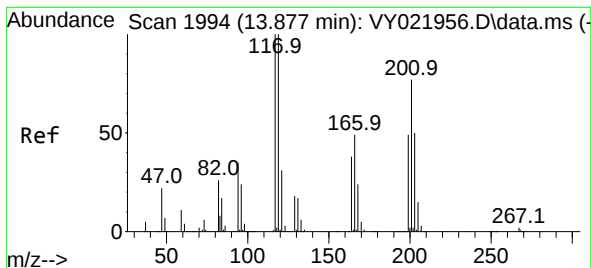
Ion Ratio Lower Upper

91 100

92 64.2 26.5 79.5

134 0.0 13.4 40.1#





#90

Hexachloroethane

Concen: 165.013 ug/l

RT: 13.895 min Scan# 1994

Delta R.T. 0.018 min

Lab File: VY022112.D

Acq: 01 May 2025 17:16

Instrument :

MSVOA_Y

ClientSampleId :

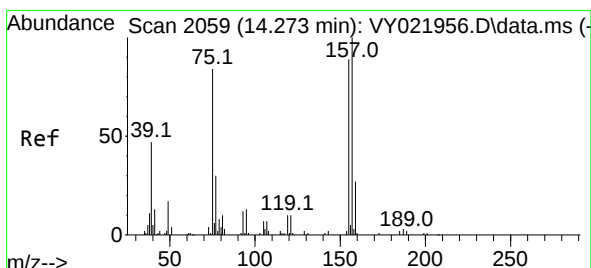
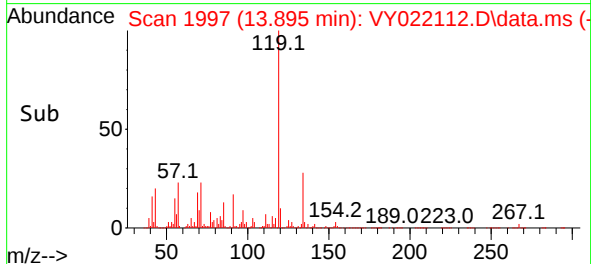
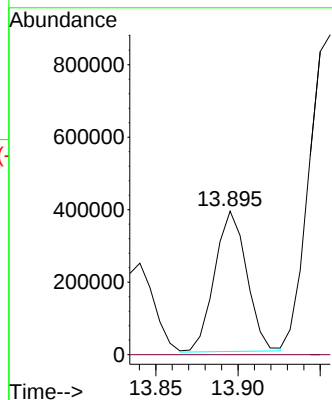
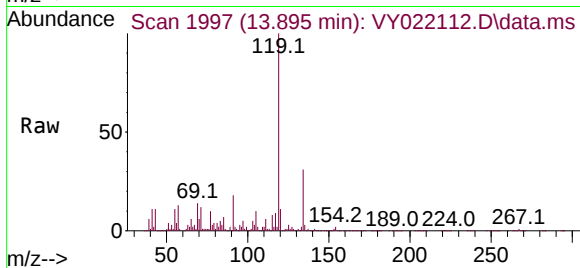
SS-5

Tgt Ion:117 Resp: 527214

Ion Ratio Lower Upper

117 100

201 0.0 38.7 116.1#



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.784 ug/l

RT: 14.255 min Scan# 2056

Delta R.T. -0.018 min

Lab File: VY022112.D

Acq: 01 May 2025 17:16

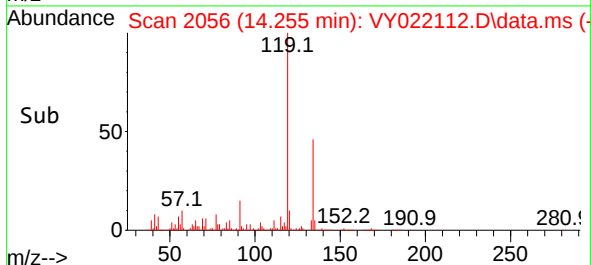
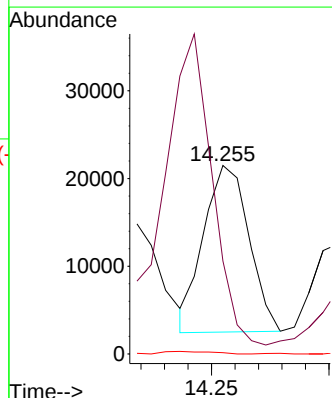
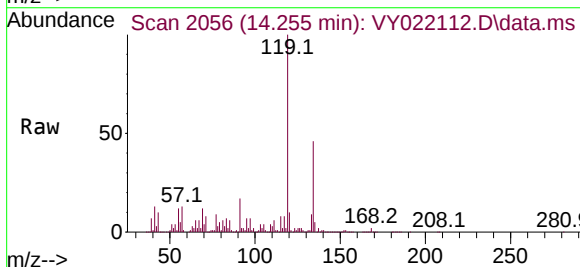
Tgt Ion: 75 Resp: 25397

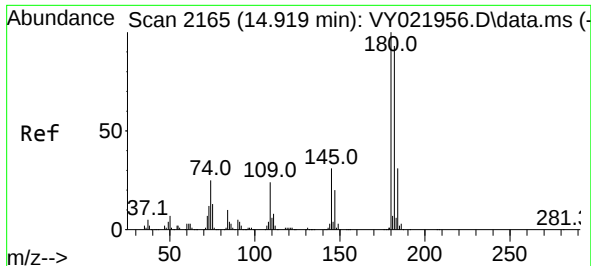
Ion Ratio Lower Upper

75 100

155 187.1 50.7 152.3#

157 1.6 62.6 187.8#

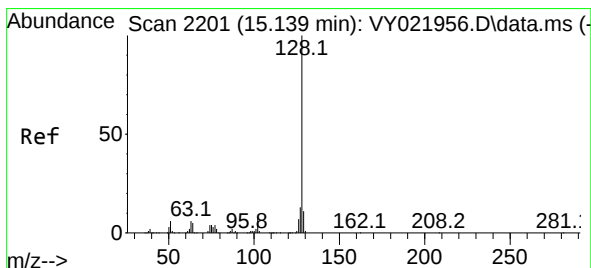
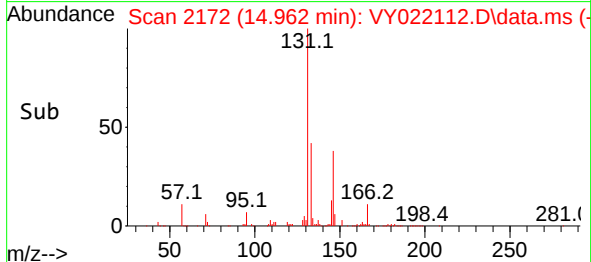
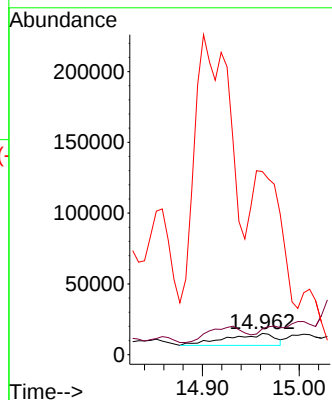
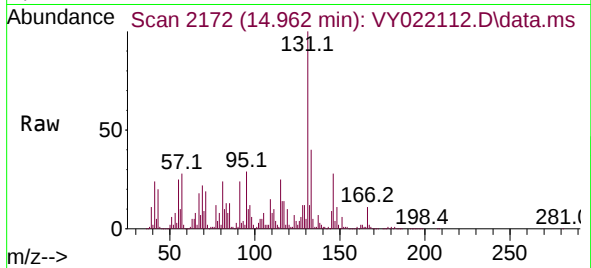




#93
 1,2,4-Trichlorobenzene
 Concen: 7.246 ug/l
 RT: 14.962 min Scan# 2165
 Delta R.T. 0.043 min
 Lab File: VY022112.D
 Acq: 01 May 2025 17:16

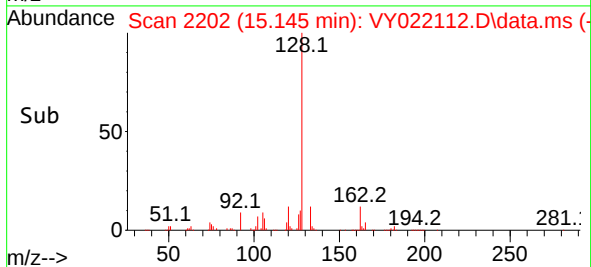
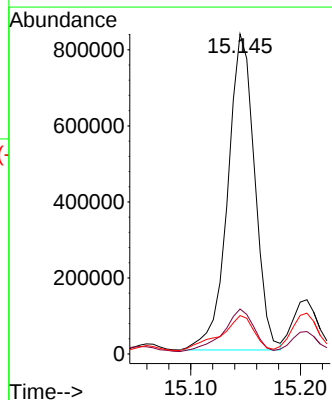
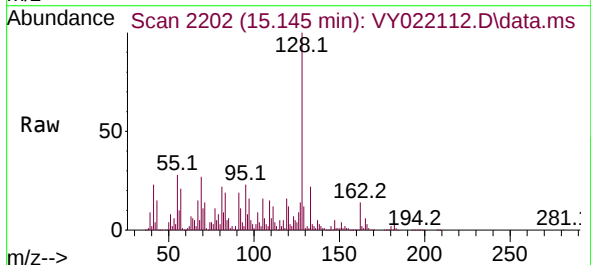
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-5

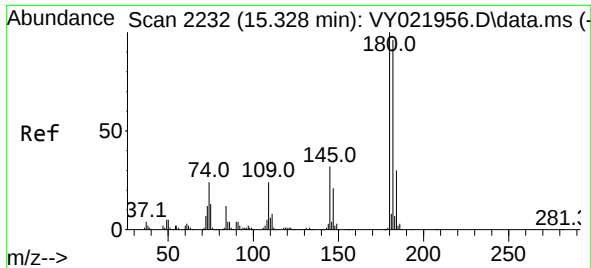
Tgt Ion:180 Resp: 29107
 Ion Ratio Lower Upper
 180 100
 182 65.6 47.1 141.4
 145 1029.5 15.0 45.0#



#95
 Naphthalene
 Concen: 212.731 ug/l
 RT: 15.145 min Scan# 2202
 Delta R.T. 0.006 min
 Lab File: VY022112.D
 Acq: 01 May 2025 17:16

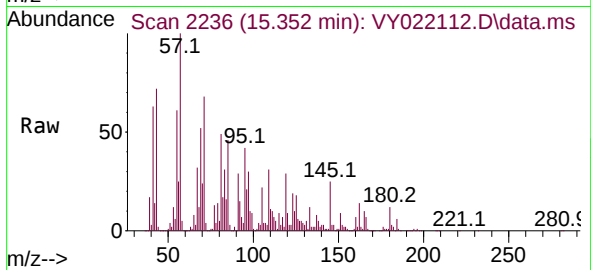
Tgt Ion:128 Resp: 1419622
 Ion Ratio Lower Upper
 128 100
 127 15.2 10.6 16.0
 129 13.6 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 21.873 ug/l
 RT: 15.352 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: VY022112.D
 Acq: 01 May 2025 17:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-5



Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.1	144.4#
145	0.0	16.0	48.0#

