

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045828.D
 Acq On : 17 Apr 2025 15:09
 Operator : JC/MD
 Sample : Q1818-06 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 18 03:39:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

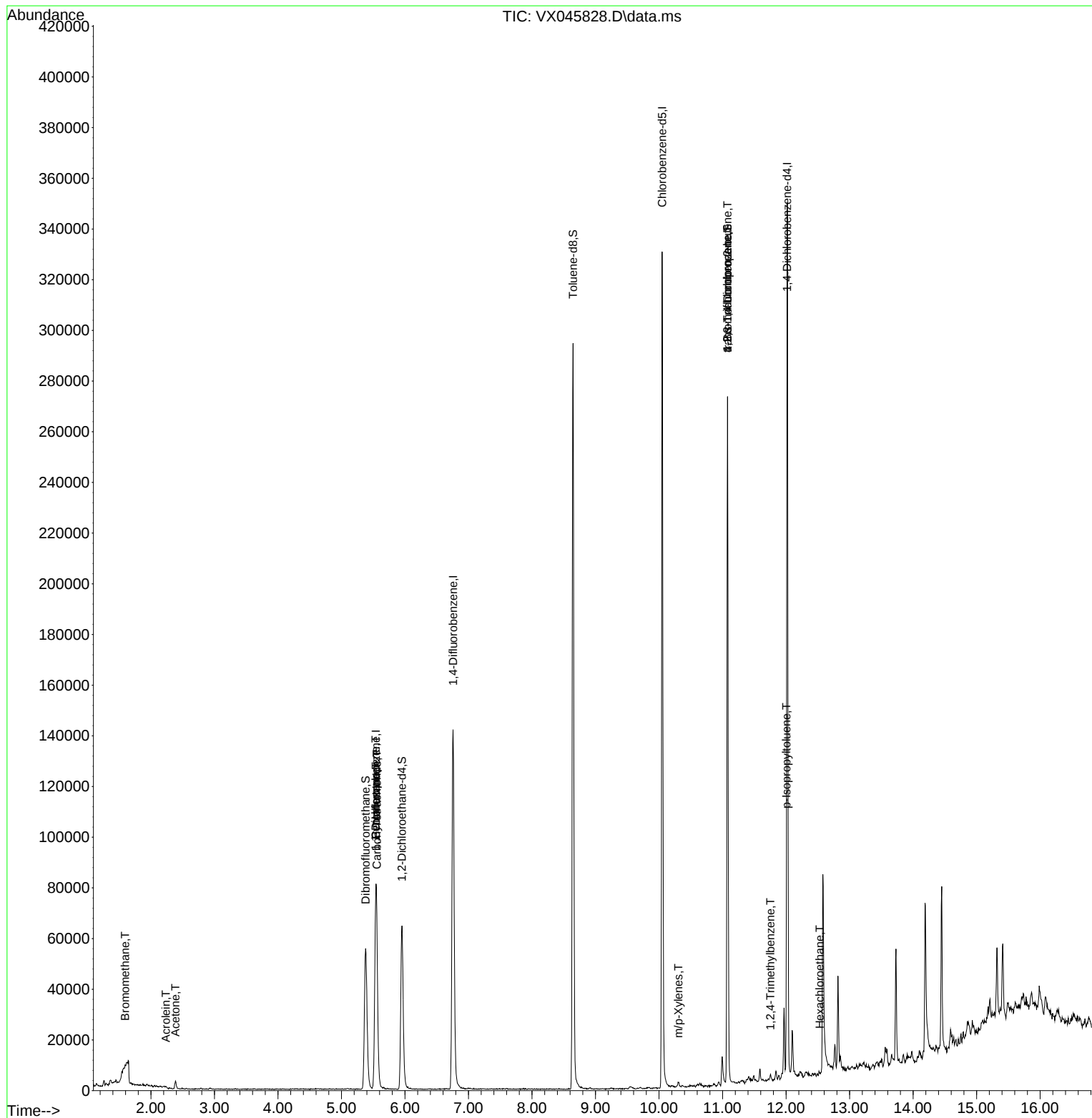
Internal Standards						
1) Pentafluorobenzene	5.544	168	70194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138334	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66565	51.855	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.720%			
35) Dibromofluoromethane	5.379	113	48072	48.979	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.960%			
50) Toluene-d8	8.647	98	172094	50.235	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.480%			
62) 4-Bromofluorobenzene	11.079	95	71595	57.376	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.760%			
Target Compounds						Qvalue
5) Bromomethane	1.593	94	112	0.239	ug/l #	3
13) Acrolein	2.233	56	409	1.722	ug/l #	57
16) Acetone	2.386	43	3556	6.746	ug/l #	87
31) Cyclohexane	5.544	56	2089	1.327	ug/l #	17
36) 1,1-Dichloropropene	5.538	75	6782	5.118	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8389	5.857	ug/l #	15
68) m/p-Xylenes	10.305	106	567	0.310	ug/l	83
76) 1,2,3-Trichloropropane	11.079	75	40655	26.824	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	40655	91.036	ug/l #	1
84) 1,2,4-Trimethylbenzene	11.756	105	1219	0.295	ug/l	91
86) p-Isopropyltoluene	12.006	119	2059	0.499	ug/l #	73
90) Hexachloroethane	12.530	117	159	0.224	ug/l	66

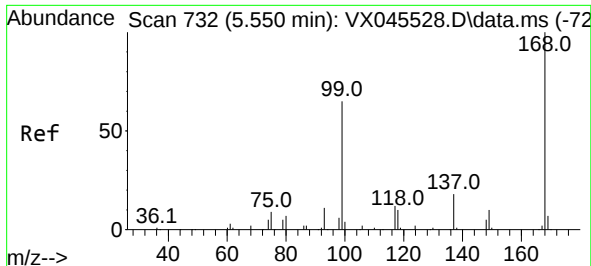
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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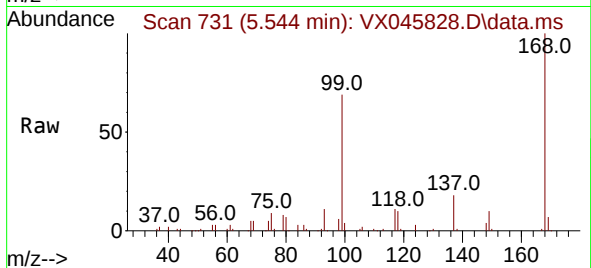
Quant Time: Apr 18 03:39:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



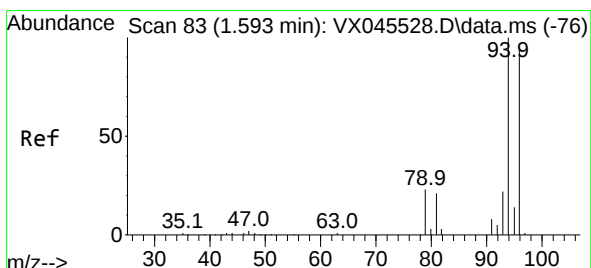
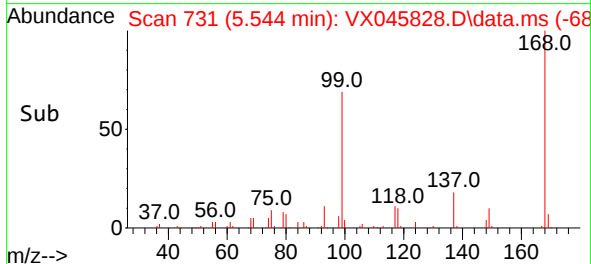
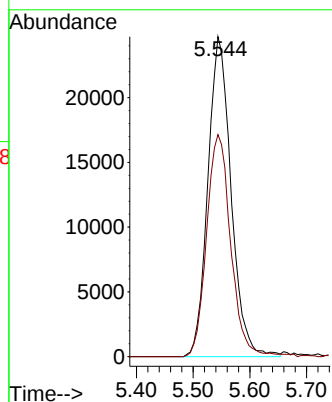


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045828.D
Acq: 17 Apr 2025 15:09

Instrument :
MSVOA_X
ClientSampleId :

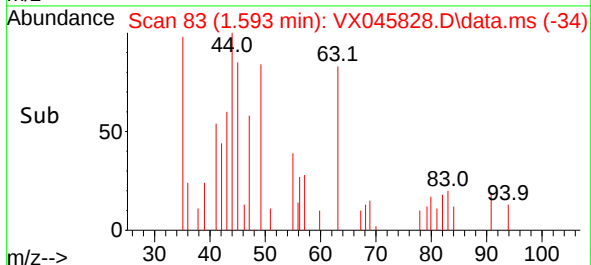
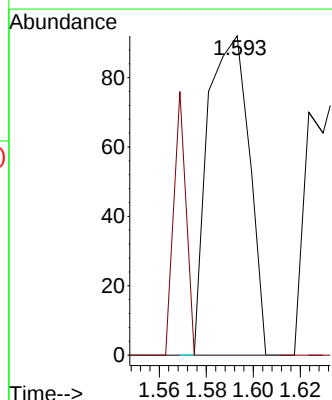
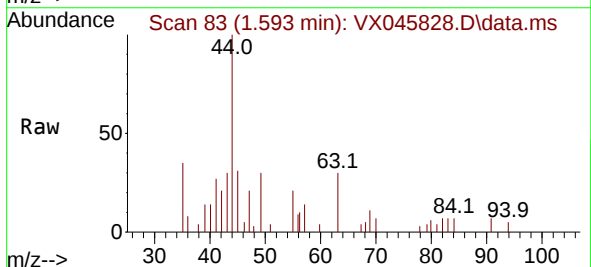


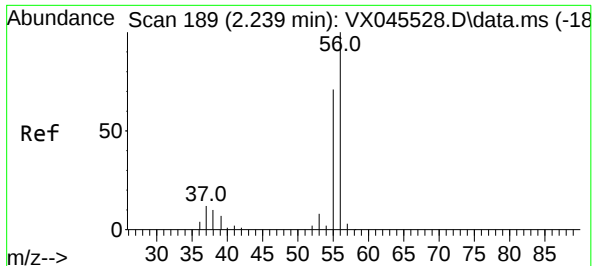
Tgt Ion:168 Resp: 70194
Ion Ratio Lower Upper
168 100
99 69.4 52.3 78.5



#5
Bromomethane
Concen: 0.239 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045828.D
Acq: 17 Apr 2025 15:09

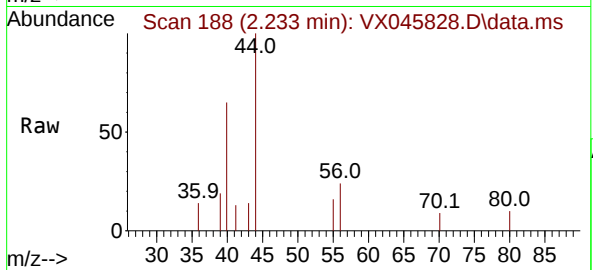
Tgt Ion: 94 Resp: 112
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



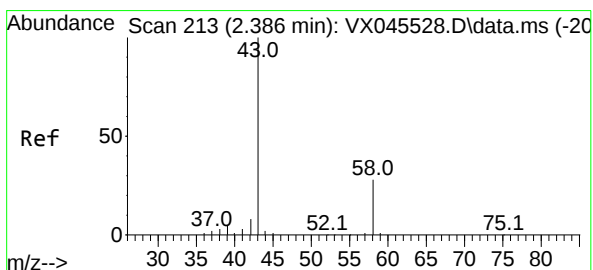
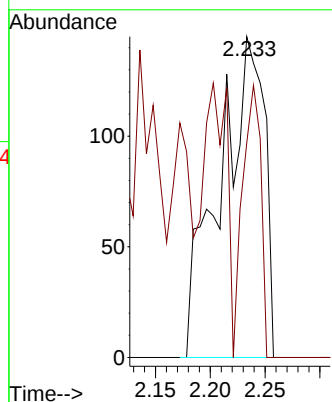
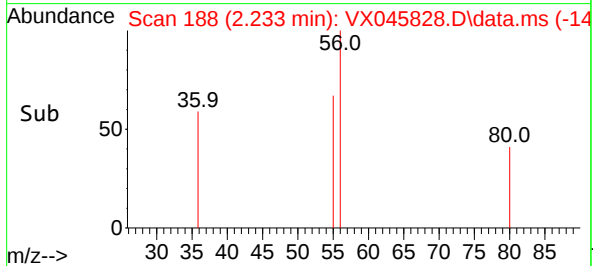


#13
Acrolein
Concen: 1.722 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX045828.D
Acq: 17 Apr 2025 15:09

Instrument :
MSVOA_X
ClientSampleId :

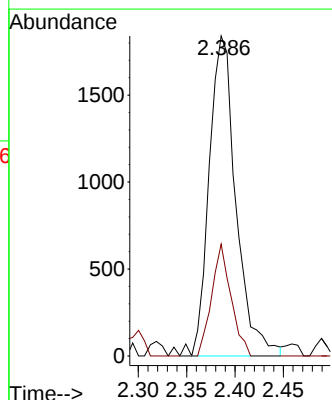
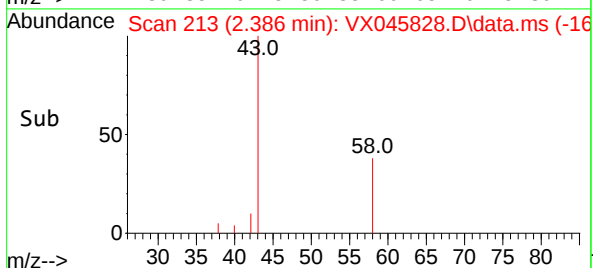
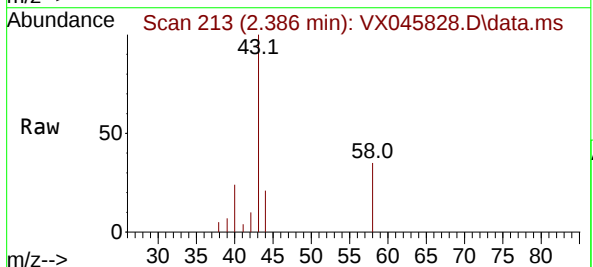


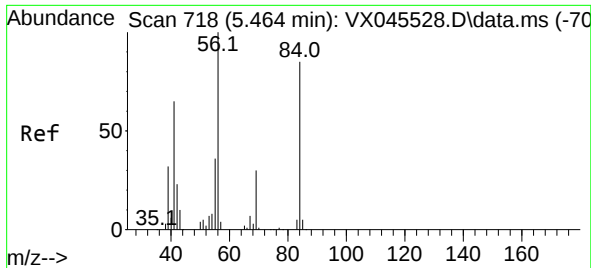
Tgt Ion: 56 Resp: 409
Ion Ratio Lower Upper
56 100
55 34.5 56.2 84.2#



#16
Acetone
Concen: 6.746 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045828.D
Acq: 17 Apr 2025 15:09

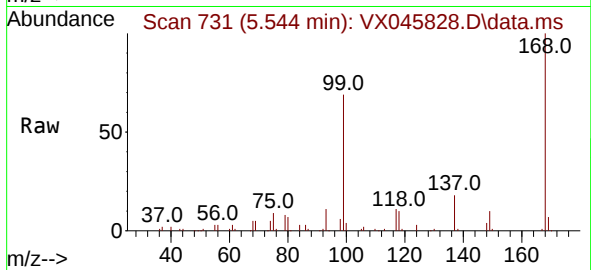
Tgt Ion: 43 Resp: 3556
Ion Ratio Lower Upper
43 100
58 34.9 22.3 33.5#



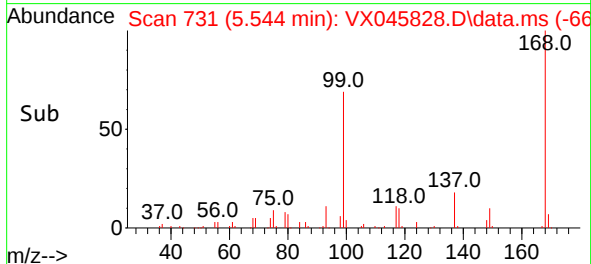
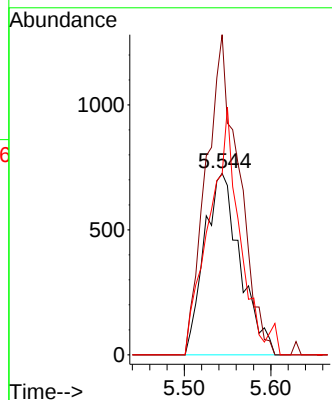


#31
Cyclohexane
Concen: 1.327 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045828.D
Acq: 17 Apr 2025 15:09

Instrument :
MSVOA_X
ClientSampleId :

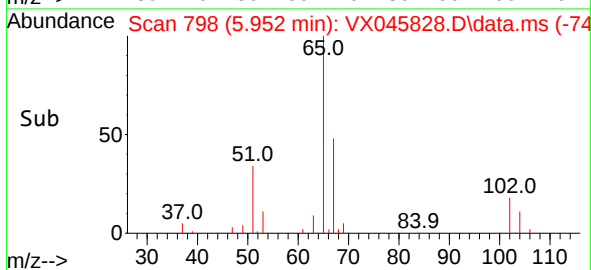
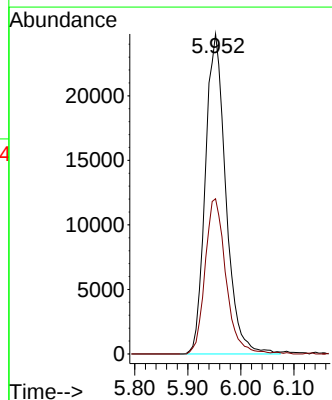
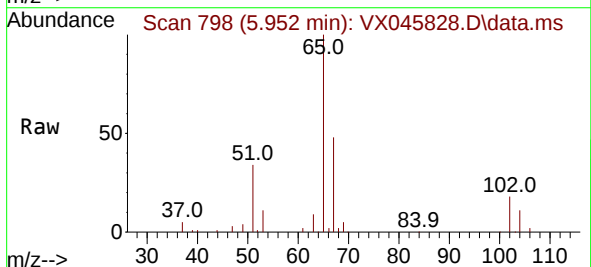


Tgt Ion: 56 Resp: 2089
Ion Ratio Lower Upper
56 100
69 176.4 23.6 35.4#
84 99.4 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 51.855 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045828.D
Acq: 17 Apr 2025 15:09

Tgt Ion: 65 Resp: 66565
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.0

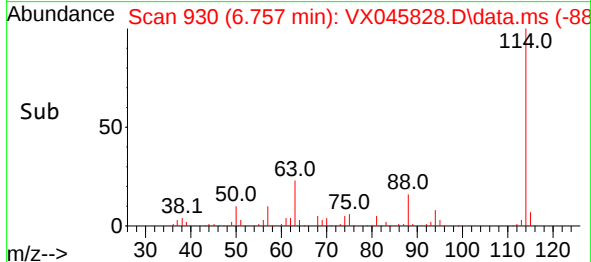
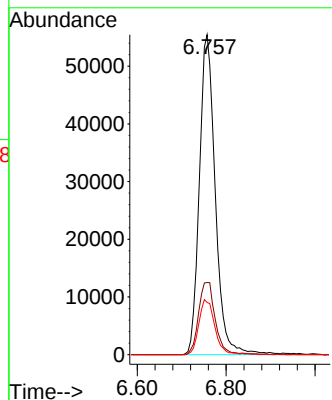
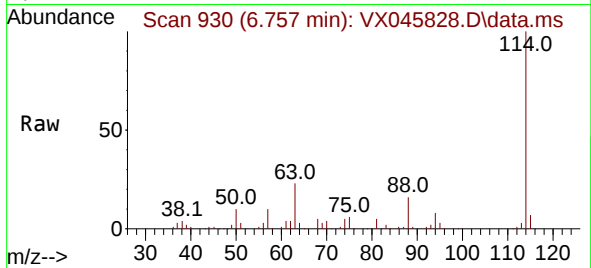




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045828.D
Acq: 17 Apr 2025 15:09

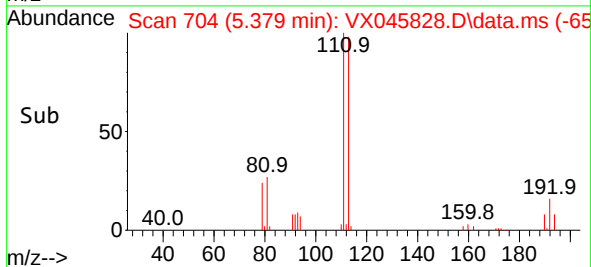
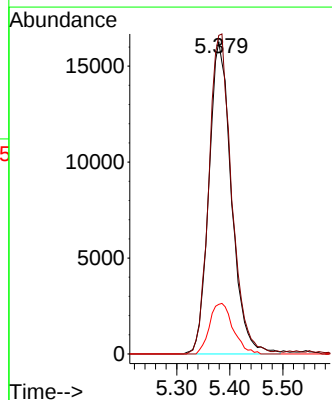
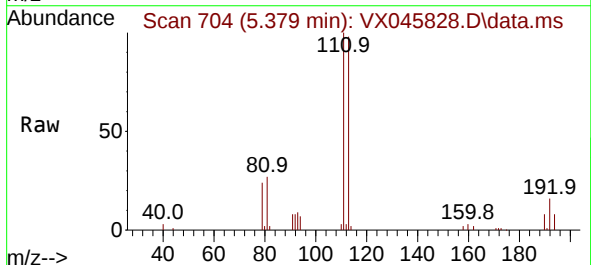
Instrument :
MSVOA_X
ClientSampleId :

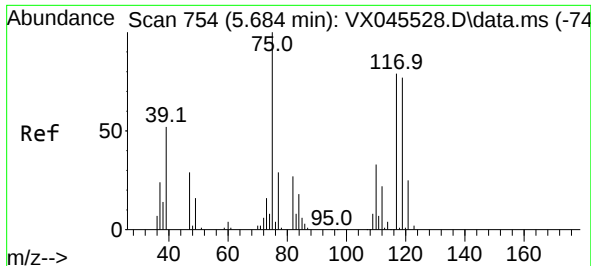
Tgt Ion:114 Resp: 138334
Ion Ratio Lower Upper
114 100
63 22.6 0.0 46.8
88 16.3 0.0 35.4



#35
Dibromofluoromethane
Concen: 48.979 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045828.D
Acq: 17 Apr 2025 15:09

Tgt Ion:113 Resp: 48072
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.6
192 16.8 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.118 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX045828.D

Acq: 17 Apr 2025 15:09

Instrument :

MSVOA_X

ClientSampleId :

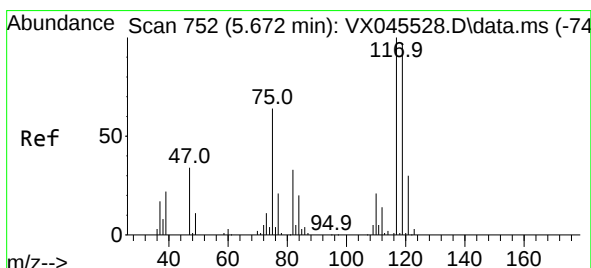
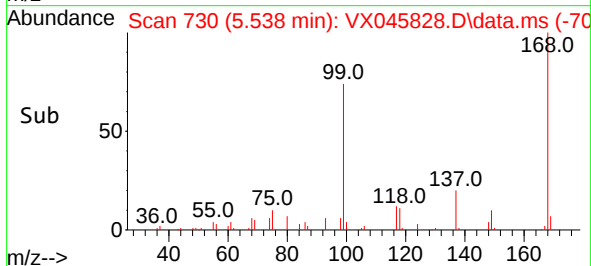
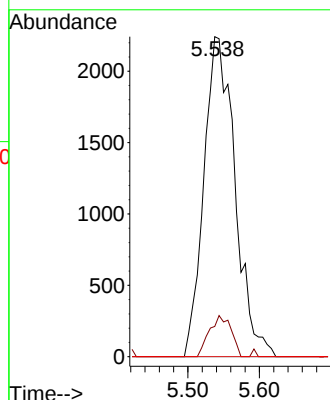
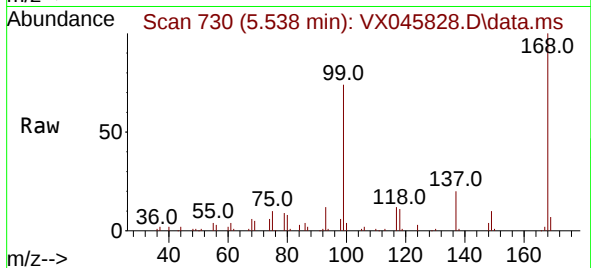
Tgt Ion: 75 Resp: 6782

Ion Ratio Lower Upper

75 100

110 9.0 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.857 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.116 min

Lab File: VX045828.D

Acq: 17 Apr 2025 15:09

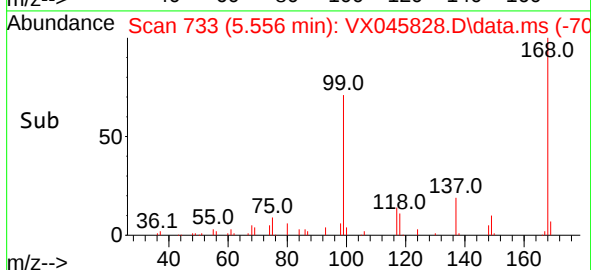
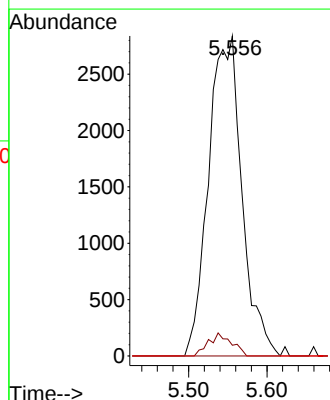
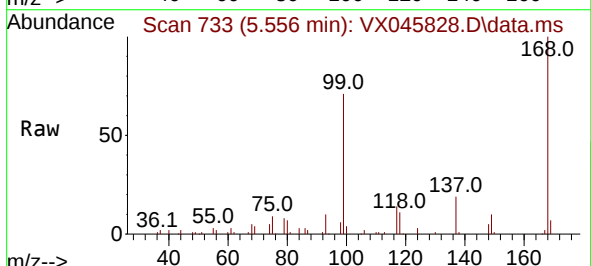
Tgt Ion: 117 Resp: 8389

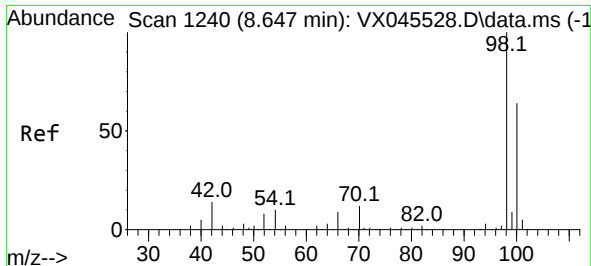
Ion Ratio Lower Upper

117 100

119 3.3 76.9 115.3#

121 0.0 24.2 36.2#

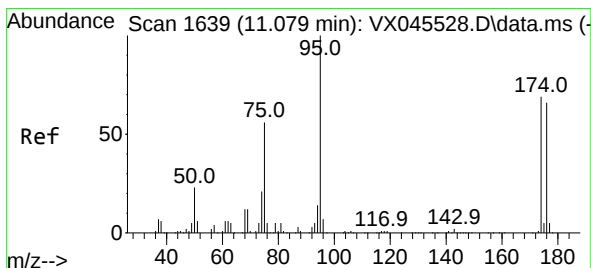
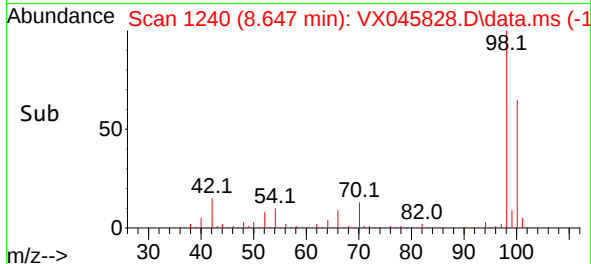
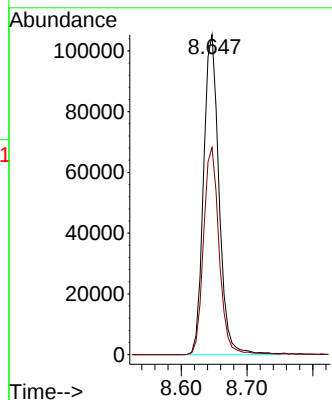
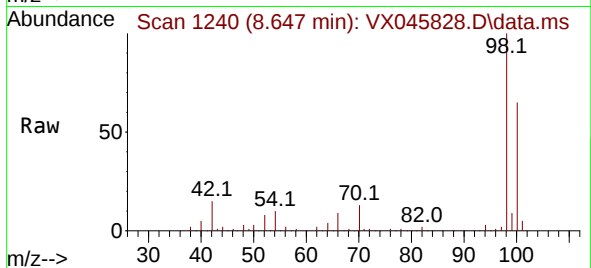




#50
Toluene-d8
Concen: 50.235 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045828.D
Acq: 17 Apr 2025 15:09

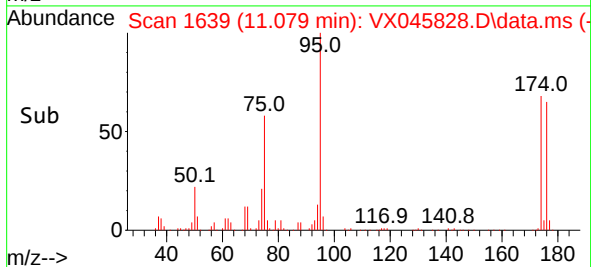
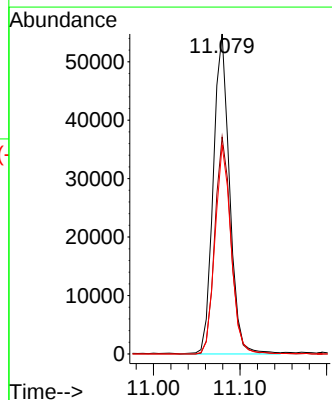
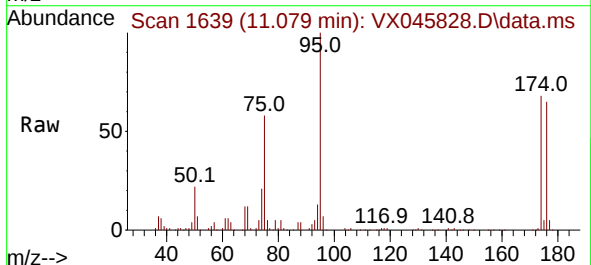
Instrument :
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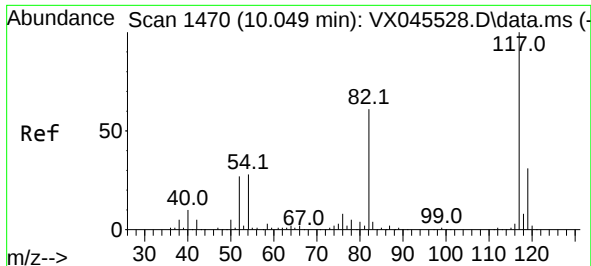
Tgt Ion: 98 Resp: 172094
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 57.376 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045828.D
Acq: 17 Apr 2025 15:09

Tgt Ion: 95 Resp: 71595
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.8
176 64.3 0.0 131.4

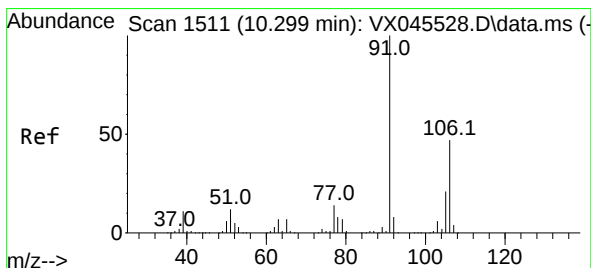
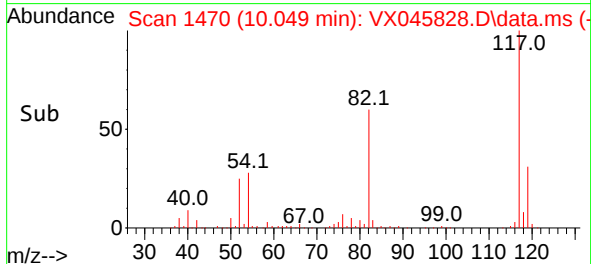
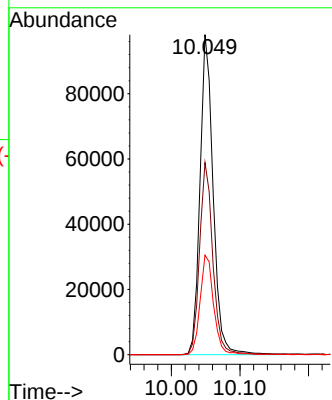
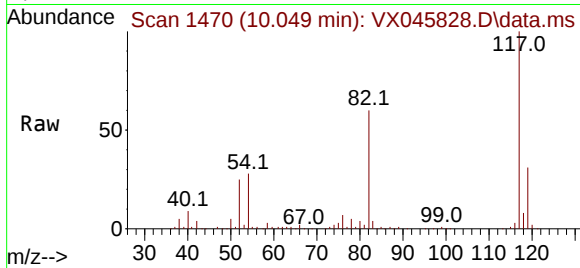




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045828.D
Acq: 17 Apr 2025 15:09

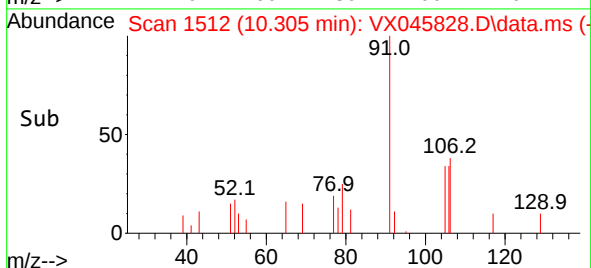
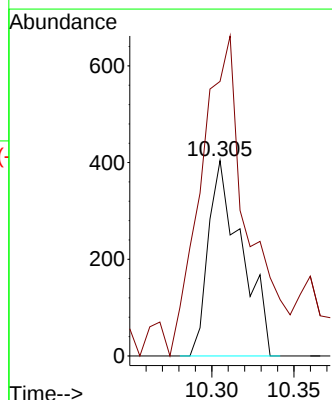
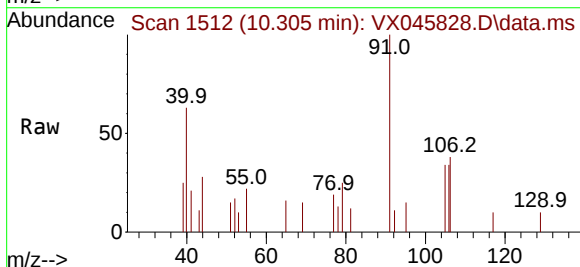
Instrument :
MSVOA_X
ClientSampleId :

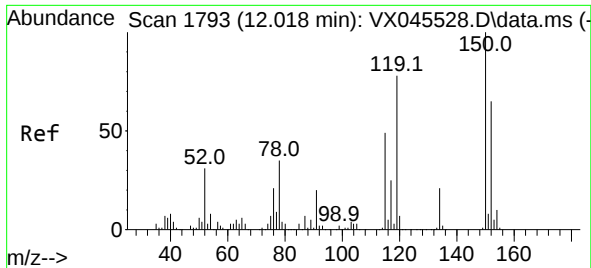
Tgt Ion:117 Resp: 131335
Ion Ratio Lower Upper
117 100
82 60.1 49.2 73.8
119 31.1 25.1 37.7



#68
m/p-Xylenes
Concen: 0.310 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX045828.D
Acq: 17 Apr 2025 15:09

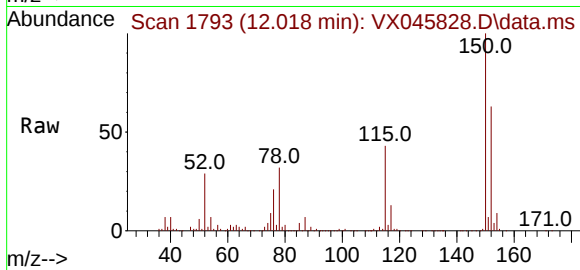
Tgt Ion:106 Resp: 567
Ion Ratio Lower Upper
106 100
91 242.3 172.6 258.8



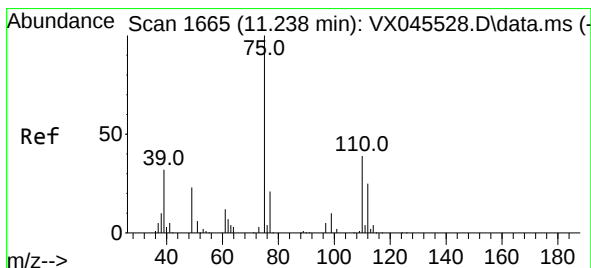
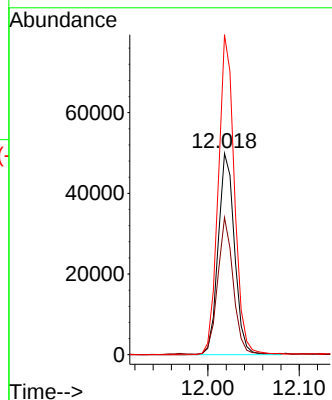
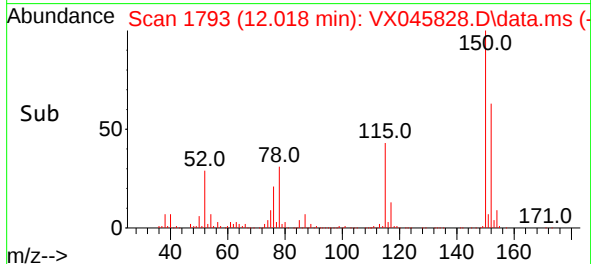


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045828.D
 Acq: 17 Apr 2025 15:09

Instrument :
 MSVOA_X
 ClientSampleId :

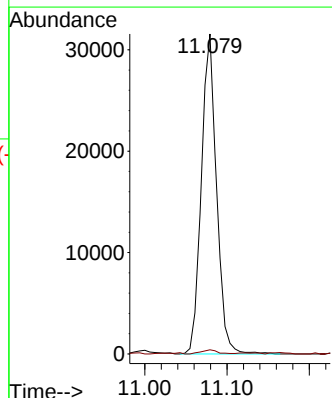
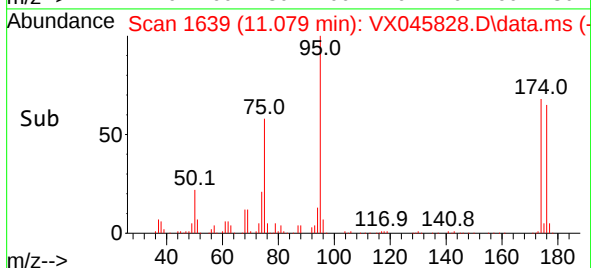
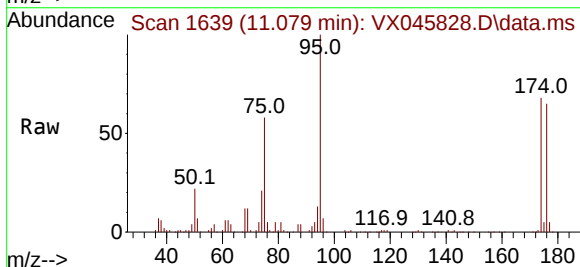


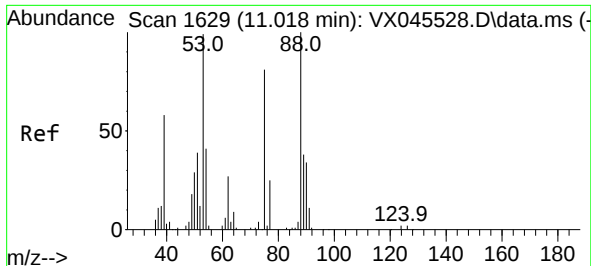
Tgt Ion:152 Resp: 62136
 Ion Ratio Lower Upper
 152 100
 115 64.2 46.9 140.7
 150 157.3 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 26.824 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045828.D
 Acq: 17 Apr 2025 15:09

Tgt Ion: 75 Resp: 40655
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.0 59.9#

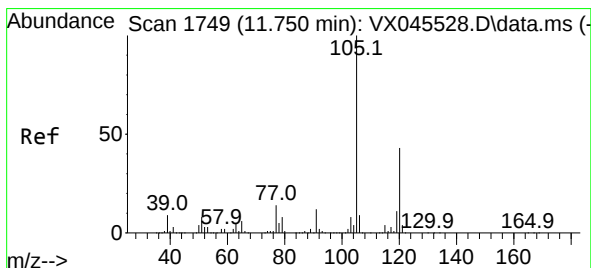
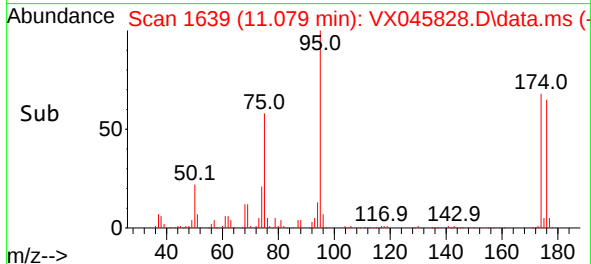
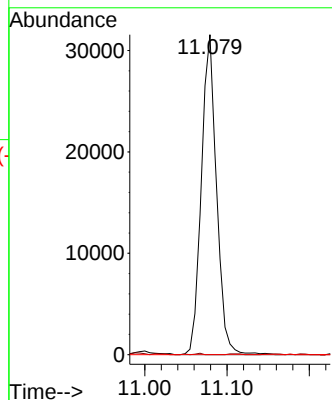
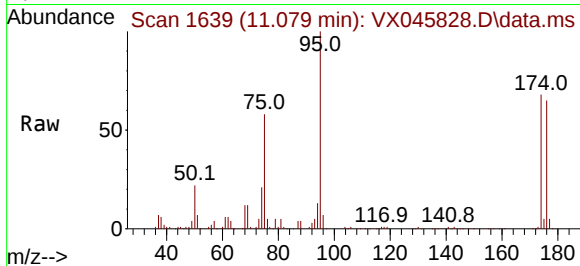




#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.036 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045828.D
 Acq: 17 Apr 2025 15:09

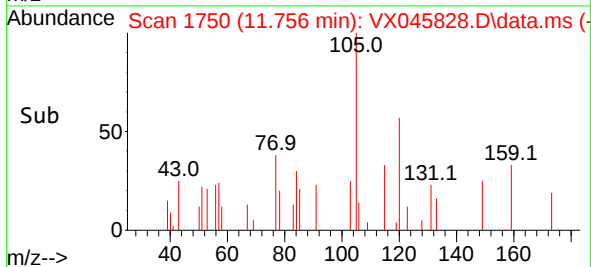
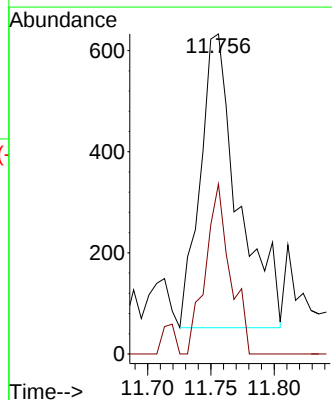
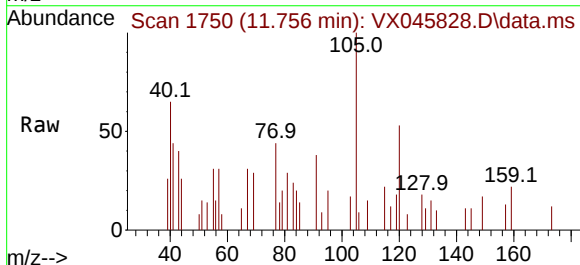
Instrument :
 MSVOA_X
 ClientSampleId :

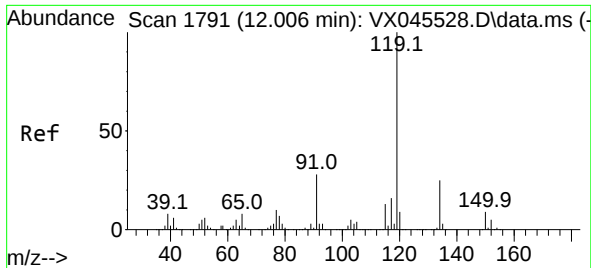
Tgt Ion: 75 Resp: 40655
 Ion Ratio Lower Upper
 75 100
 53 0.2 101.8 152.6#
 89 0.0 37.2 55.8#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.295 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX045828.D
 Acq: 17 Apr 2025 15:09

Tgt Ion:105 Resp: 1219
 Ion Ratio Lower Upper
 105 100
 120 37.4 21.4 64.3

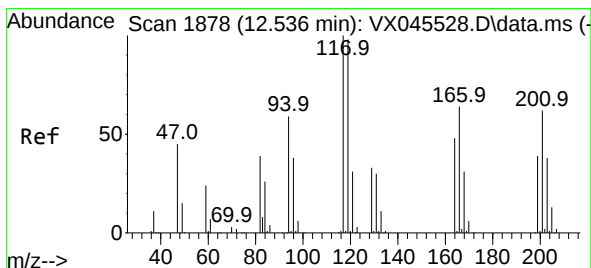
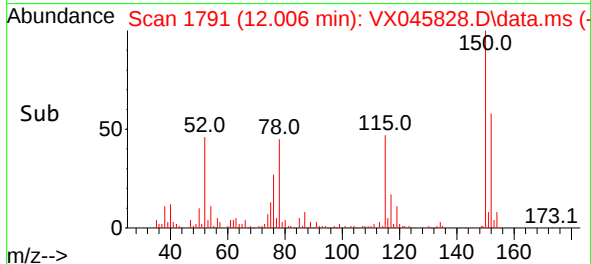
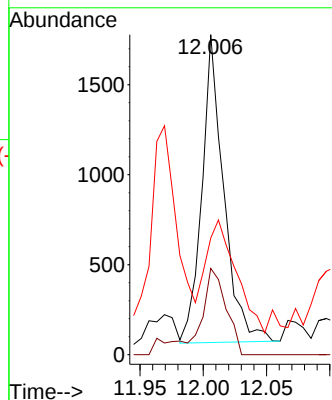
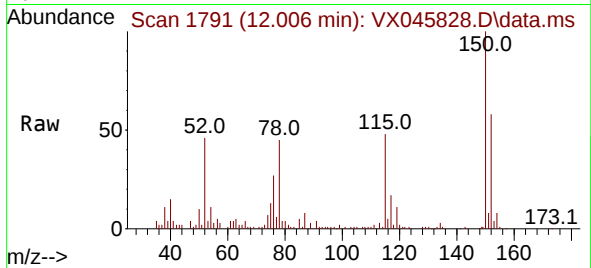




#86
 p-Isopropyltoluene
 Concen: 0.499 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045828.D
 Acq: 17 Apr 2025 15:09

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:119 Resp: 2059
 Ion Ratio Lower Upper
 119 100
 134 29.0 12.6 37.8
 91 50.6 13.7 41.1#



#90
 Hexachloroethane
 Concen: 0.224 ug/l
 RT: 12.530 min Scan# 1877
 Delta R.T. -0.006 min
 Lab File: VX045828.D
 Acq: 17 Apr 2025 15:09

Tgt Ion:117 Resp: 159
 Ion Ratio Lower Upper
 117 100
 201 36.5 31.2 93.6

