

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051225\
 Data File : VX046127.D
 Acq On : 12 May 2025 10:50
 Operator : JC/MD
 Sample : VX0512WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBL01

Quant Time: May 13 03:14:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

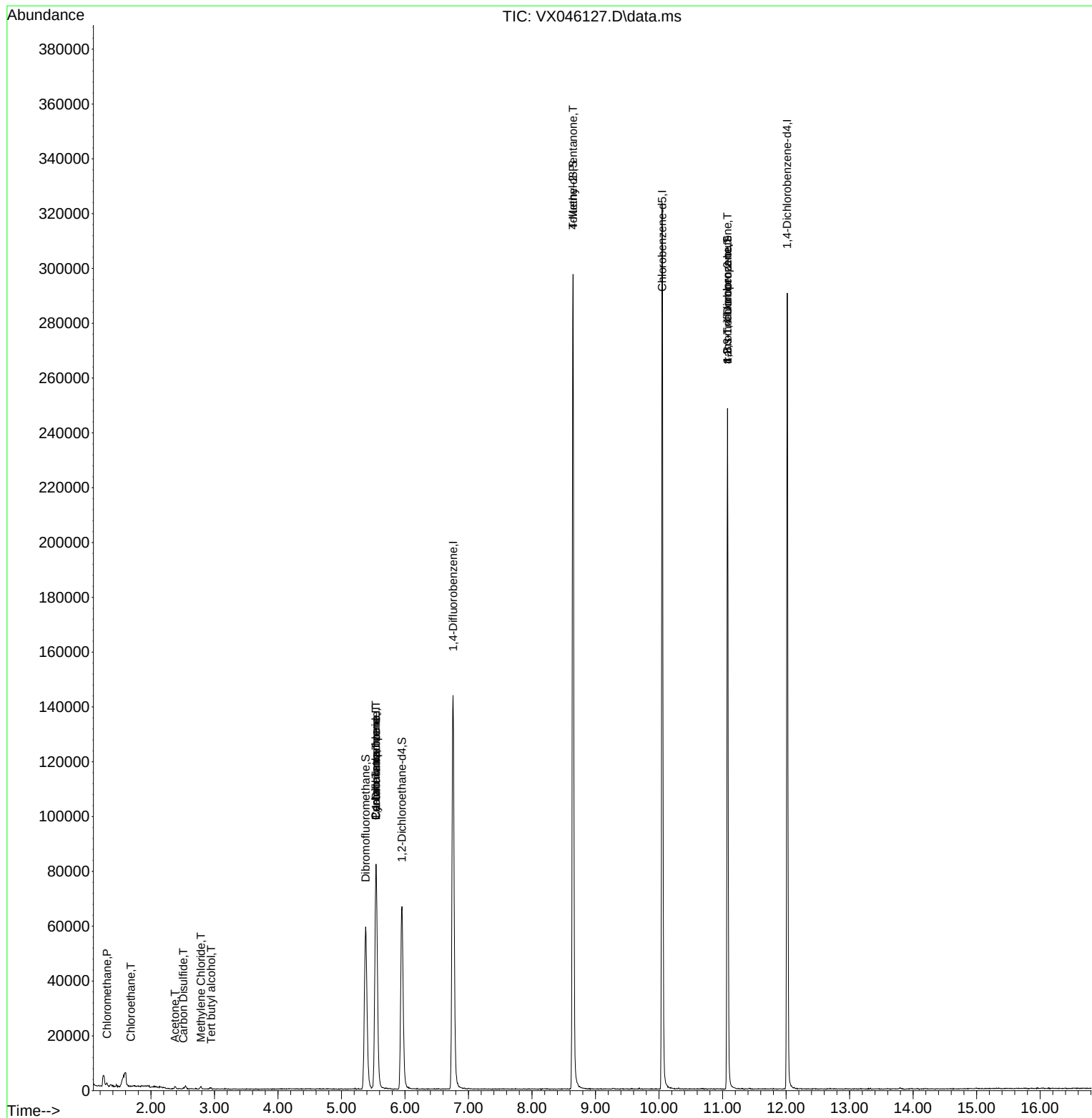
Internal Standards						
1) Pentafluorobenzene	5.544	168	69374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138547	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70108	54.206	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.420%			
35) Dibromofluoromethane	5.379	113	50736	50.854	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.700%			
50) Toluene-d8	8.647	98	173131	50.138	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.280%			
62) 4-Bromofluorobenzene	11.079	95	65707	49.606	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.220%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	1077	1.046	ug/l #	88
6) Chloroethane	1.685	64	312	0.610	ug/l #	44
11) Tert butyl alcohol	2.947	59	226	1.245	ug/l #	72
16) Acetone	2.380	43	923	1.780	ug/l	99
17) Carbon Disulfide	2.508	76	428	0.219	ug/l #	76
20) Methylene Chloride	2.788	84	431	0.434	ug/l	92
31) Cyclohexane	5.544	56	1816	1.178	ug/l #	31
36) 1,1-Dichloropropene	5.544	75	6910	5.155	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7979	5.298	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	956	0.570	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38628	29.047	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	38628	94.569	ug/l #	1

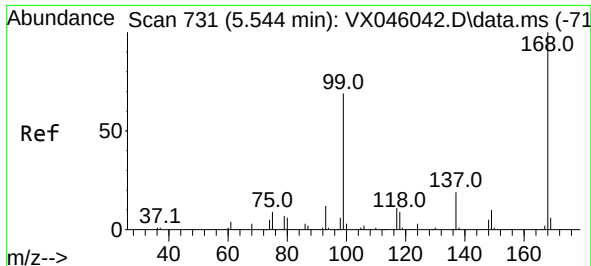
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 13 03:14:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

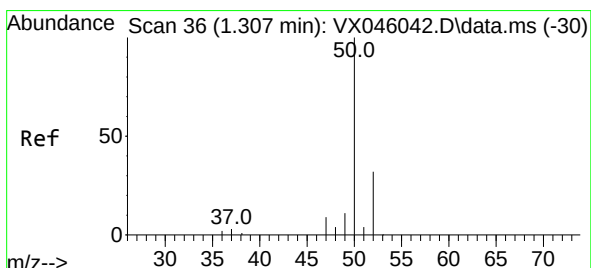
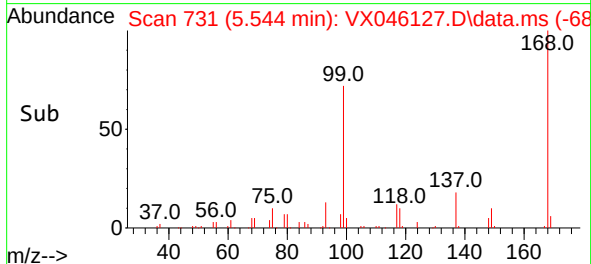
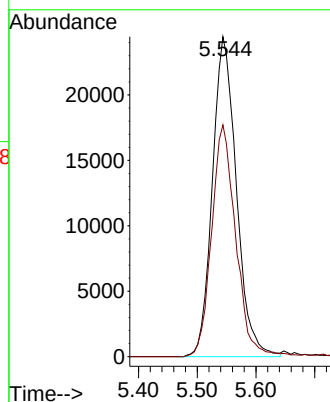
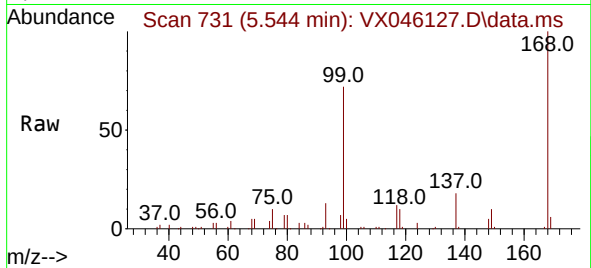




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046127.D
Acq: 12 May 2025 10:50

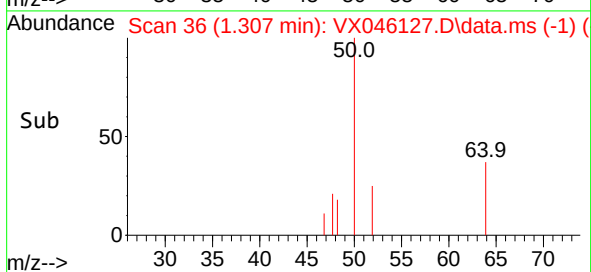
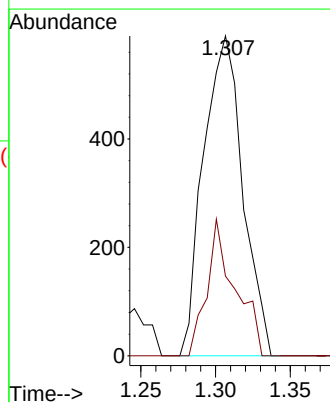
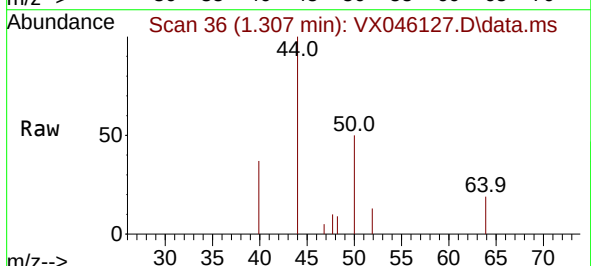
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

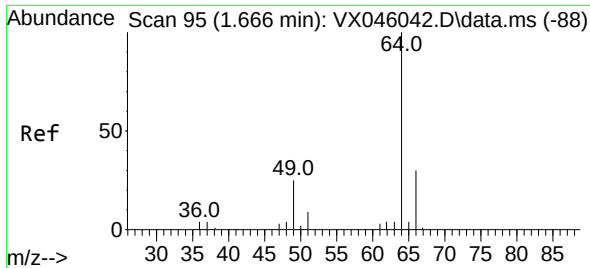
Tgt Ion:168 Resp: 69374
Ion Ratio Lower Upper
168 100
99 72.5 54.9 82.3



#3
Chloromethane
Concen: 1.046 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046127.D
Acq: 12 May 2025 10:50

Tgt Ion: 50 Resp: 1077
Ion Ratio Lower Upper
50 100
52 24.9 25.4 38.2#

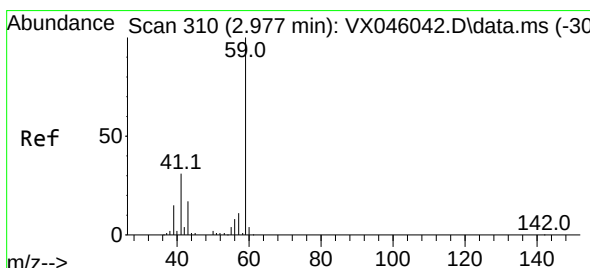
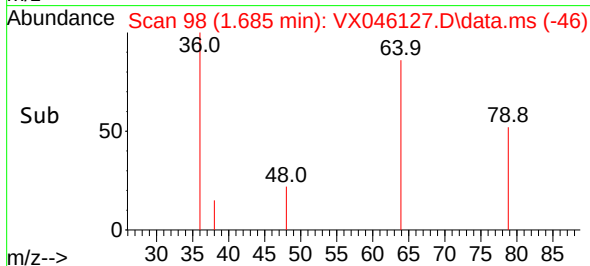
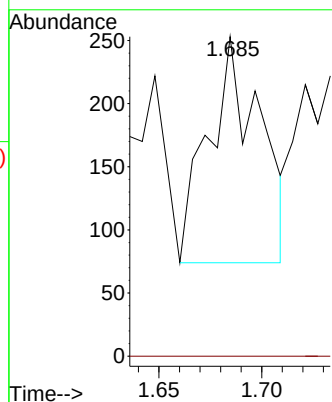
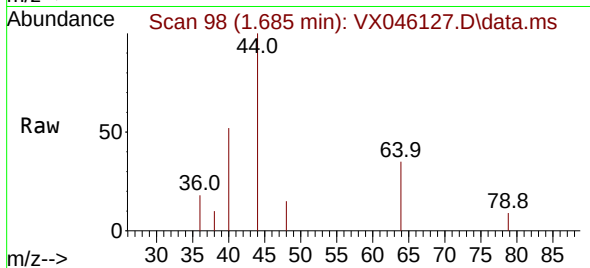




#6
Chloroethane
Concen: 0.610 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX046127.D
Acq: 12 May 2025 10:50

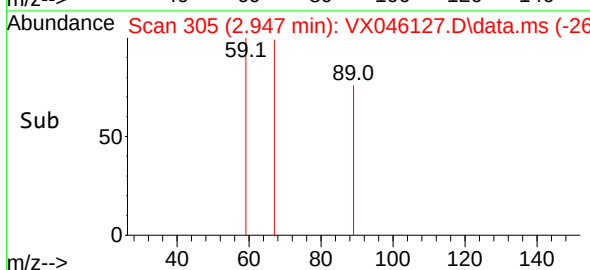
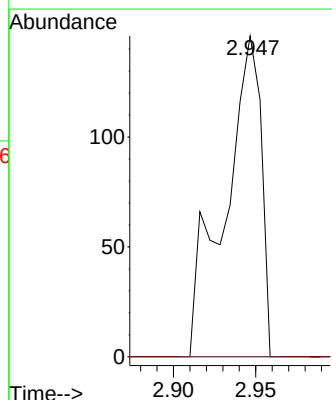
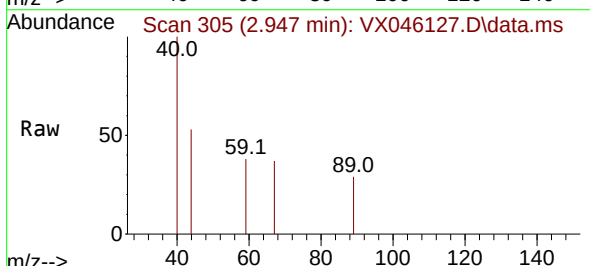
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

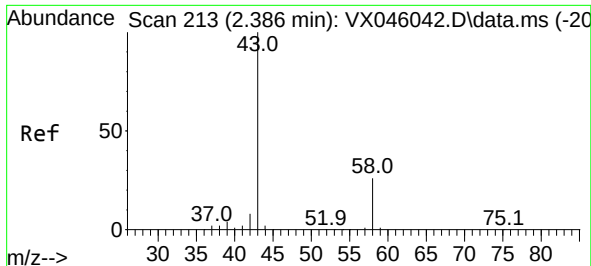
Tgt Ion: 64 Resp: 312
Ion Ratio Lower Upper
64 100
66 0.0 24.3 36.5#



#11
Tert butyl alcohol
Concen: 1.245 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX046127.D
Acq: 12 May 2025 10:50

Tgt Ion: 59 Resp: 226
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

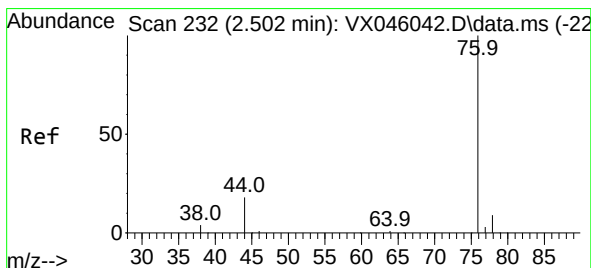
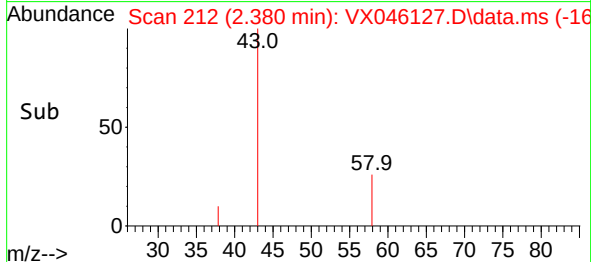
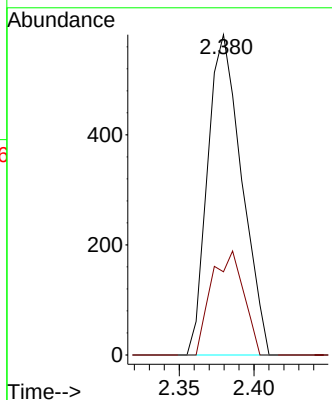
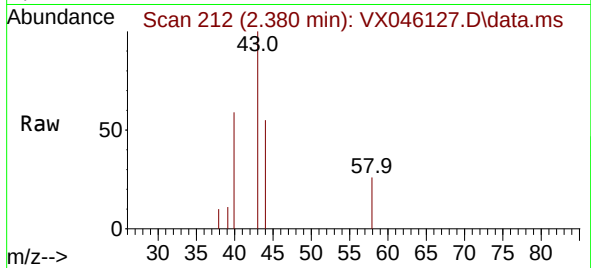




#16
Acetone
Concen: 1.780 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046127.D
Acq: 12 May 2025 10:50

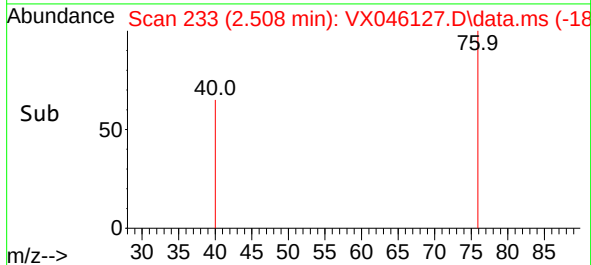
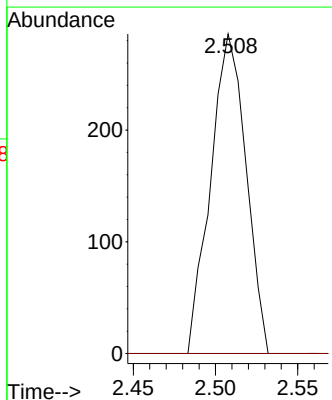
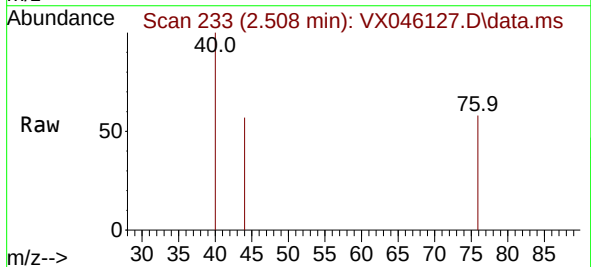
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

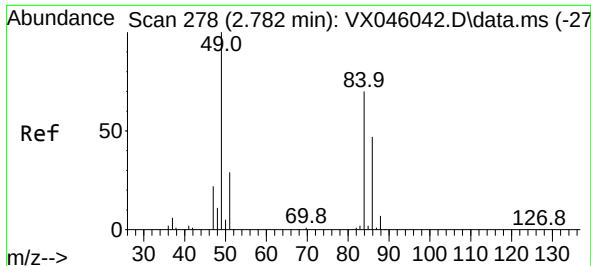
Tgt Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
58 25.9 21.2 31.8



#17
Carbon Disulfide
Concen: 0.219 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX046127.D
Acq: 12 May 2025 10:50

Tgt Ion: 76 Resp: 428
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



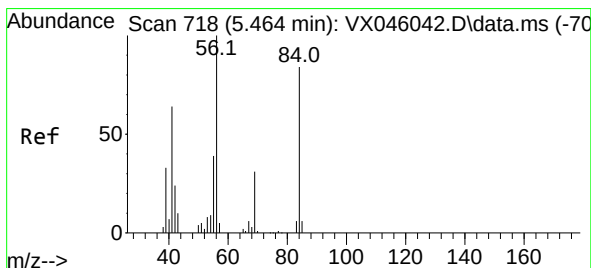
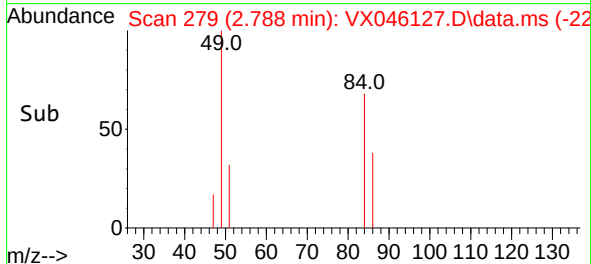
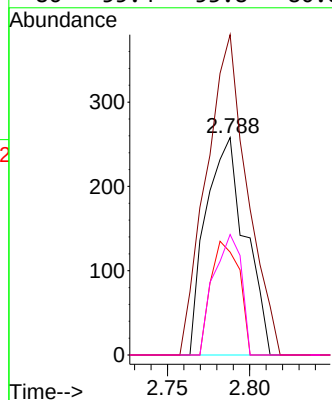
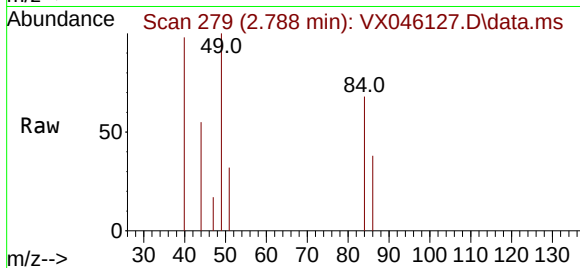


#20
Methylene Chloride
Concen: 0.434 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046127.D
Acq: 12 May 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

Tgt Ion: 84 Resp: 431

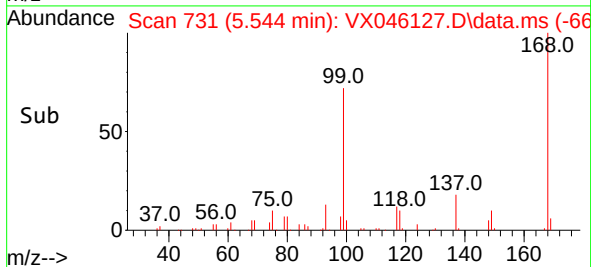
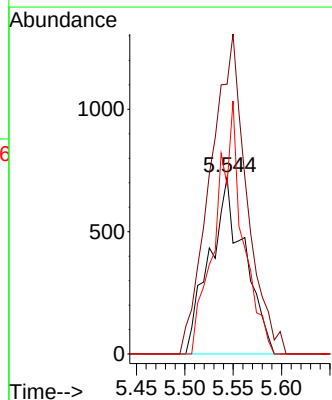
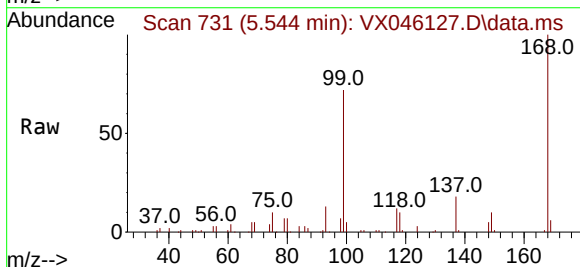
Ion	Ratio	Lower	Upper
84	100		
49	147.3	113.9	170.9
51	47.3	33.5	50.3
86	55.4	53.8	80.8

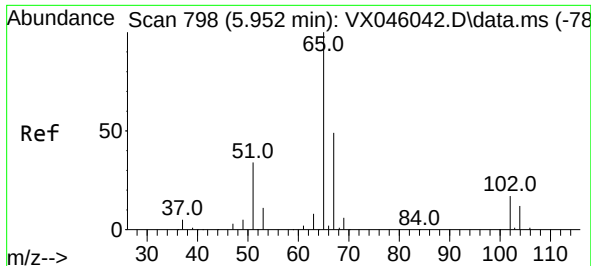


#31
Cyclohexane
Concen: 1.178 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX046127.D
Acq: 12 May 2025 10:50

Tgt Ion: 56 Resp: 1816

Ion	Ratio	Lower	Upper
56	100		
69	152.6	24.4	36.6#
84	95.4	66.9	100.3





#33

1,2-Dichloroethane-d4

Concen: 54.206 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046127.D

Acq: 12 May 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

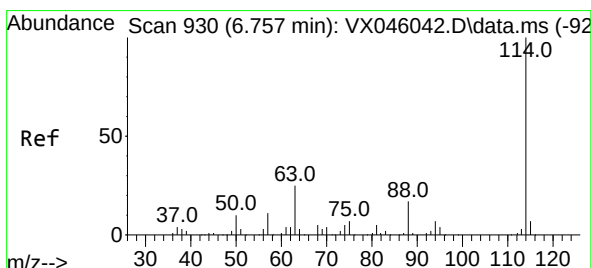
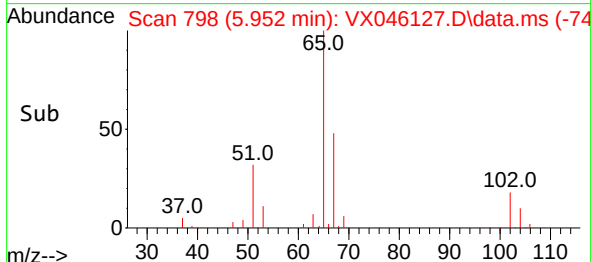
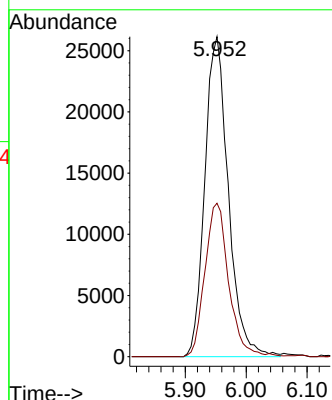
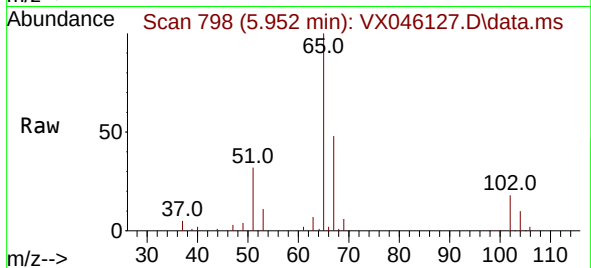
VX0512WBL01

Tgt Ion: 65 Resp: 70108

Ion Ratio Lower Upper

65 100

67 48.5 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046127.D

Acq: 12 May 2025 10:50

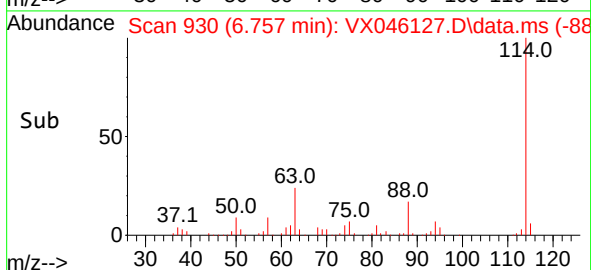
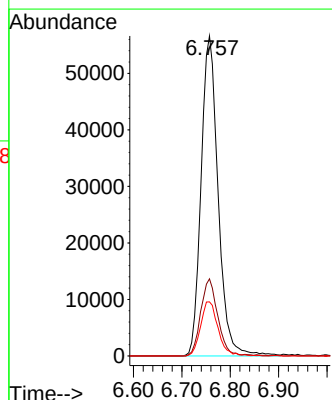
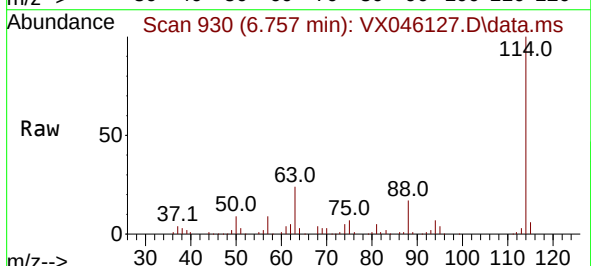
Tgt Ion: 114 Resp: 138547

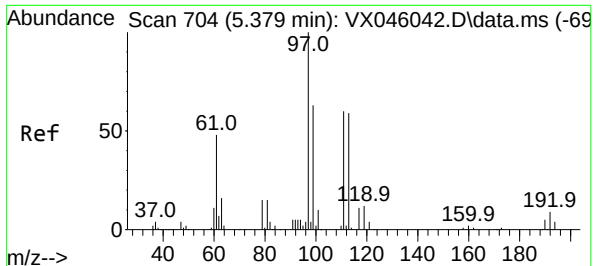
Ion Ratio Lower Upper

114 100

63 24.1 0.0 49.2

88 16.9 0.0 33.6

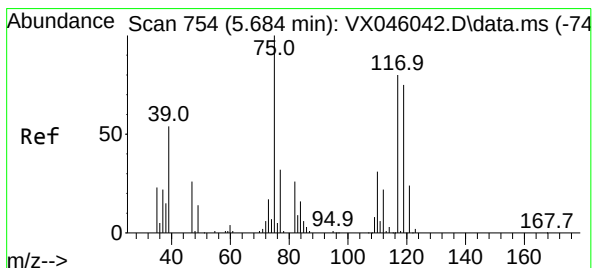
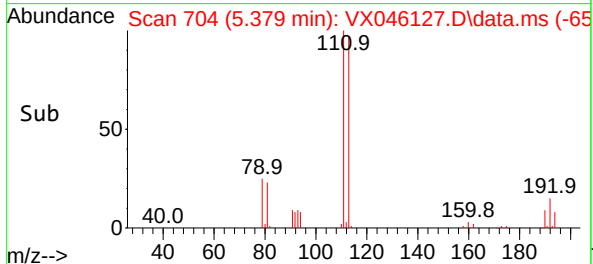
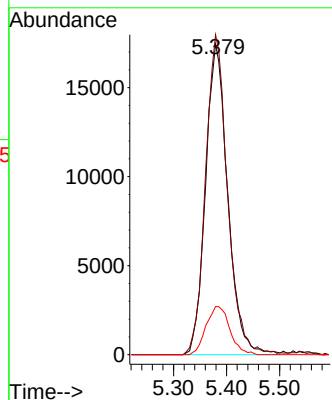
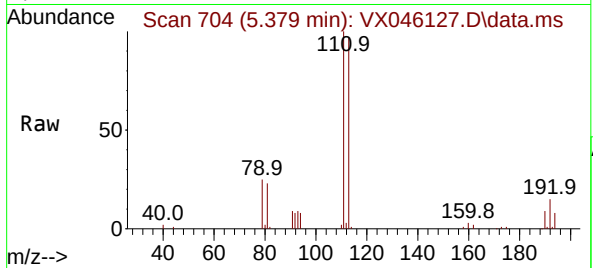




#35
Dibromofluoromethane
Concen: 50.854 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046127.D
Acq: 12 May 2025 10:50

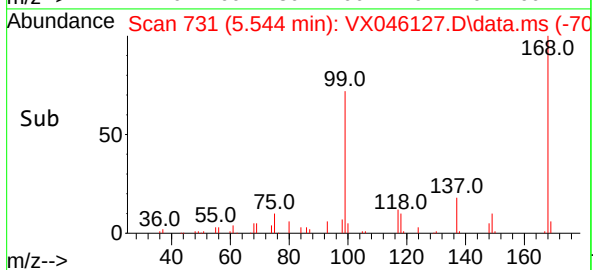
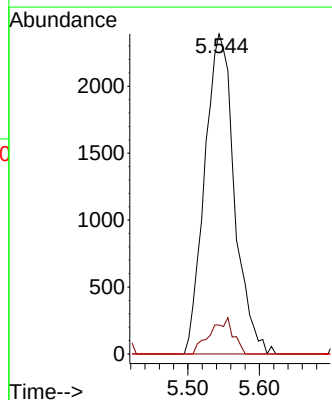
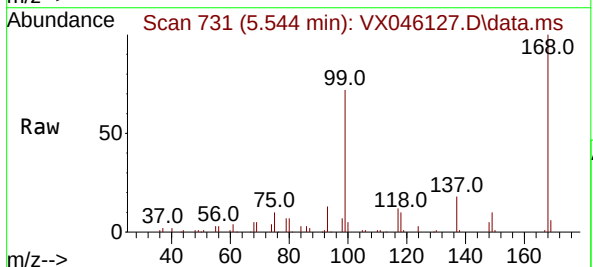
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

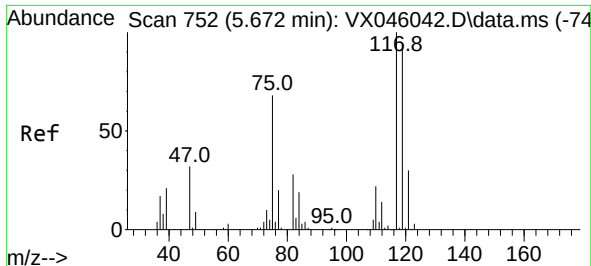
Tgt Ion:113 Resp: 50736
Ion Ratio Lower Upper
113 100
111 102.4 83.1 124.7
192 16.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.155 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX046127.D
Acq: 12 May 2025 10:50

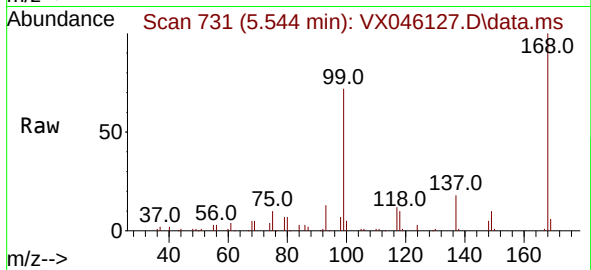
Tgt Ion: 75 Resp: 6910
Ion Ratio Lower Upper
75 100
110 8.7 16.3 48.9#
77 0.0 24.3 36.5#



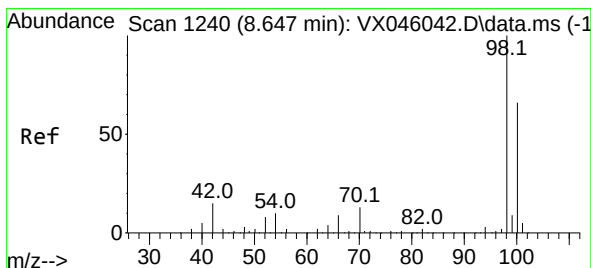
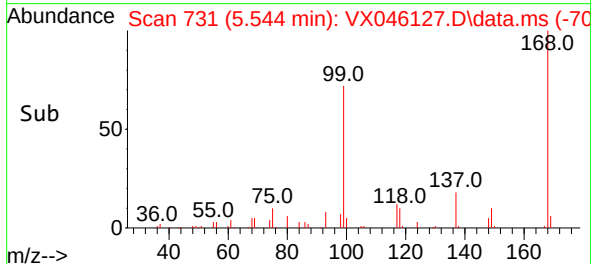
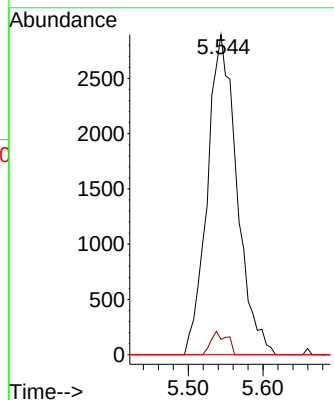


#38
Carbon Tetrachloride
Concen: 5.298 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046127.D
Acq: 12 May 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

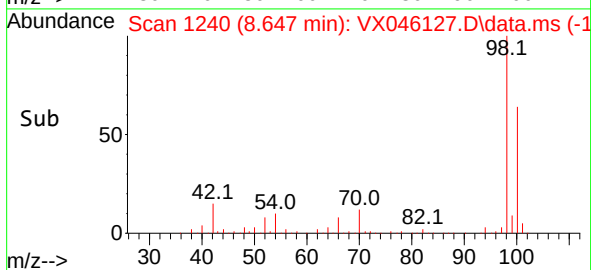
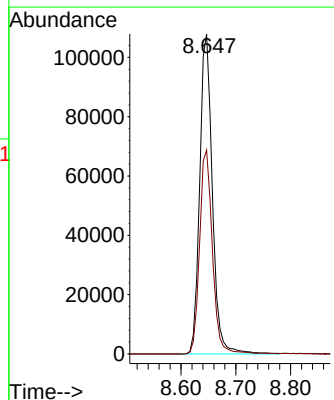
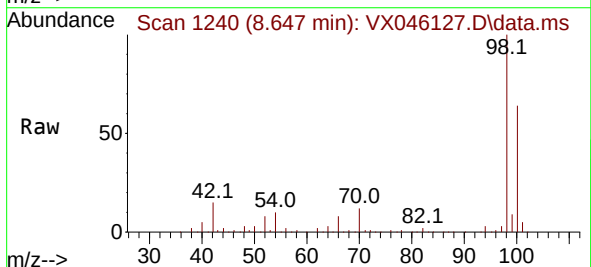


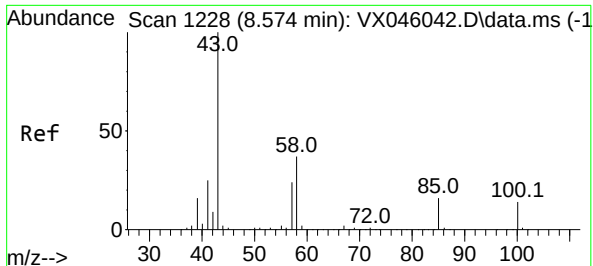
Tgt Ion:117 Resp: 7979
Ion Ratio Lower Upper
117 100
119 4.8 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.138 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046127.D
Acq: 12 May 2025 10:50

Tgt Ion: 98 Resp: 173131
Ion Ratio Lower Upper
98 100
100 64.5 53.5 80.3

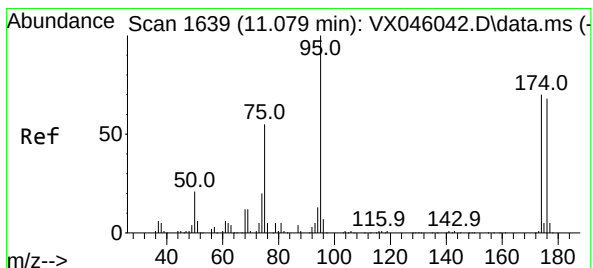
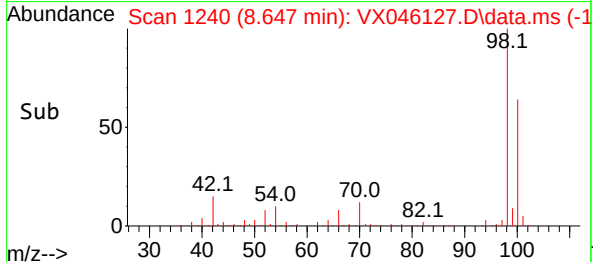
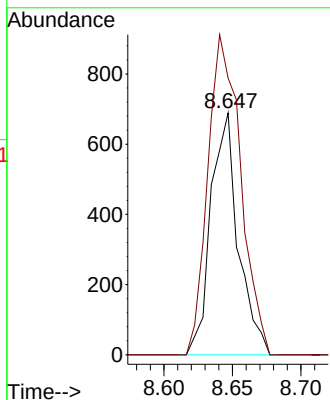
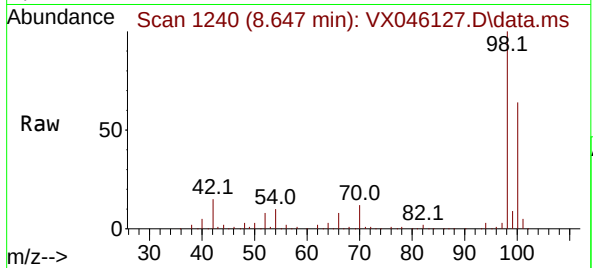




#51
4-Methyl-2-Pentanone
Concen: 0.570 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX046127.D
Acq: 12 May 2025 10:50

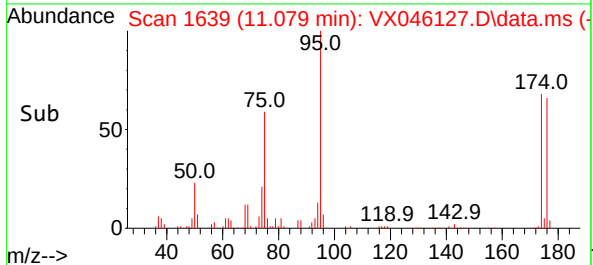
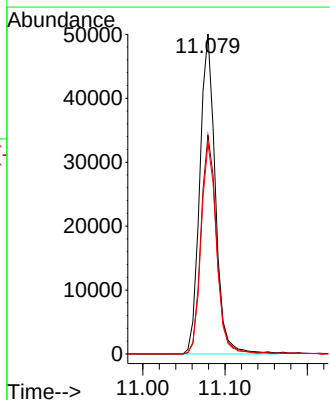
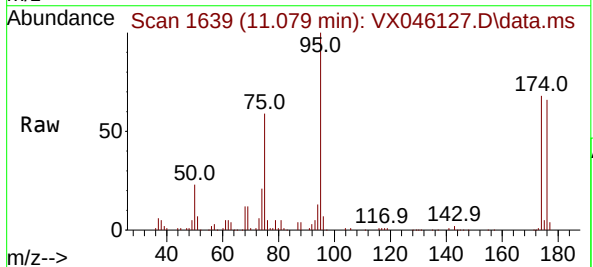
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

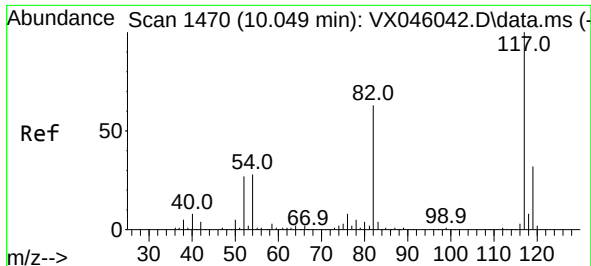
Tgt Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
58 159.0 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 49.606 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046127.D
Acq: 12 May 2025 10:50

Tgt Ion: 95 Resp: 65707
Ion Ratio Lower Upper
95 100
174 68.9 0.0 135.8
176 65.4 0.0 131.4

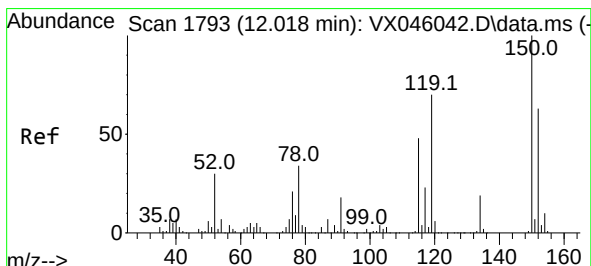
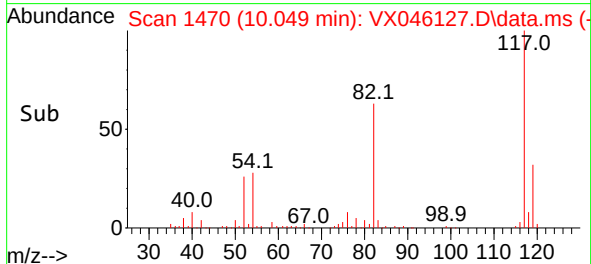
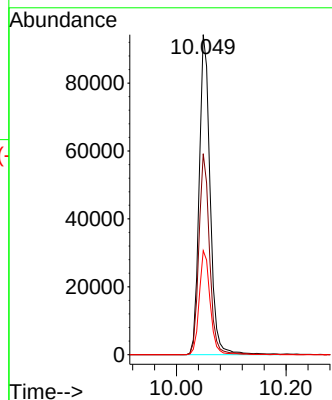
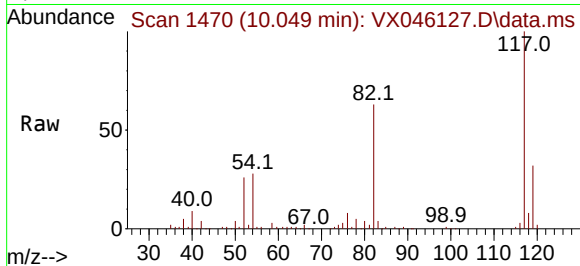




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046127.D
Acq: 12 May 2025 10:50

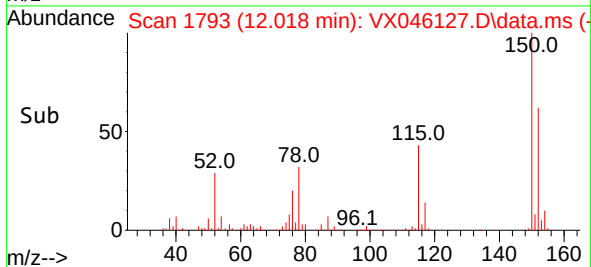
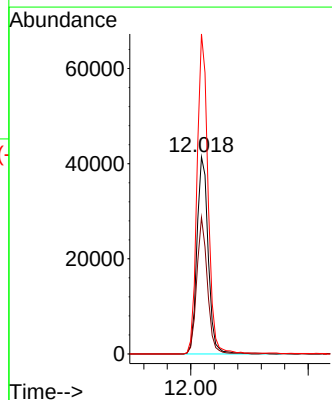
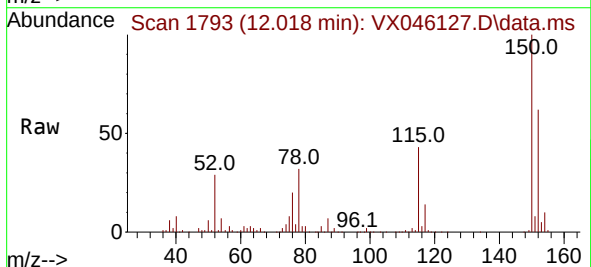
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

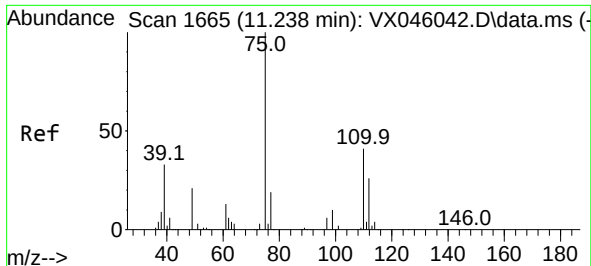
Tgt Ion:117 Resp: 131027
Ion Ratio Lower Upper
117 100
82 62.8 50.6 76.0
119 32.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046127.D
Acq: 12 May 2025 10:50

Tgt Ion:152 Resp: 55247
Ion Ratio Lower Upper
152 100
115 65.1 46.9 140.7
150 158.3 0.0 351.0

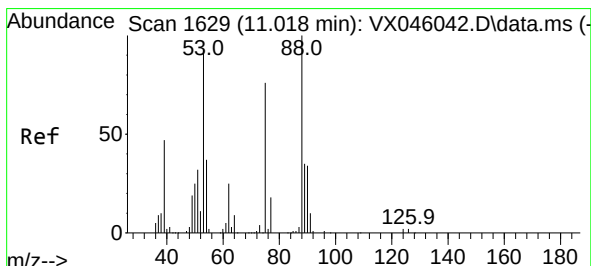
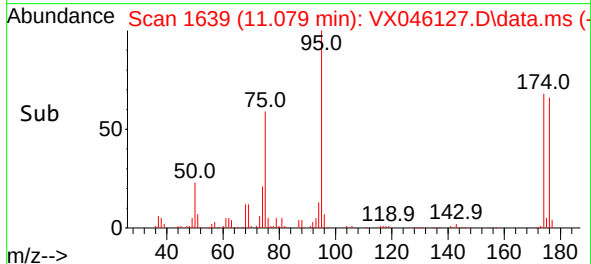
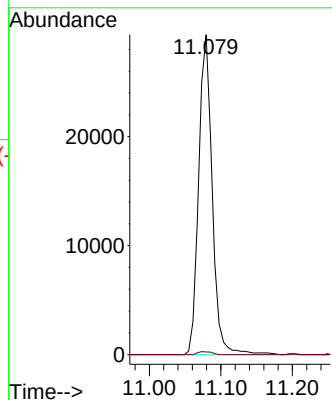
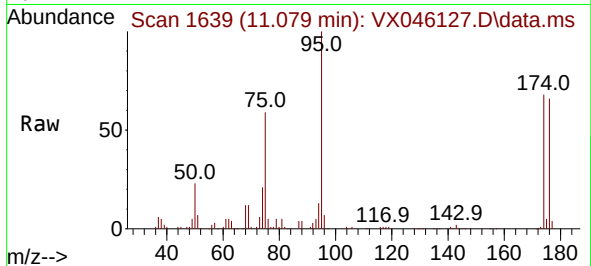




#76
1,2,3-Trichloropropane
Concen: 29.047 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046127.D
Acq: 12 May 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

Tgt Ion: 75 Resp: 38628
Ion Ratio Lower Upper
75 100
77 1.0 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.569 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046127.D
Acq: 12 May 2025 10:50

Tgt Ion: 75 Resp: 38628
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

