

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046211.D
 Acq On : 15 May 2025 14:11
 Operator : JC/MD
 Sample : Q2050-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 16 01:05:53 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)

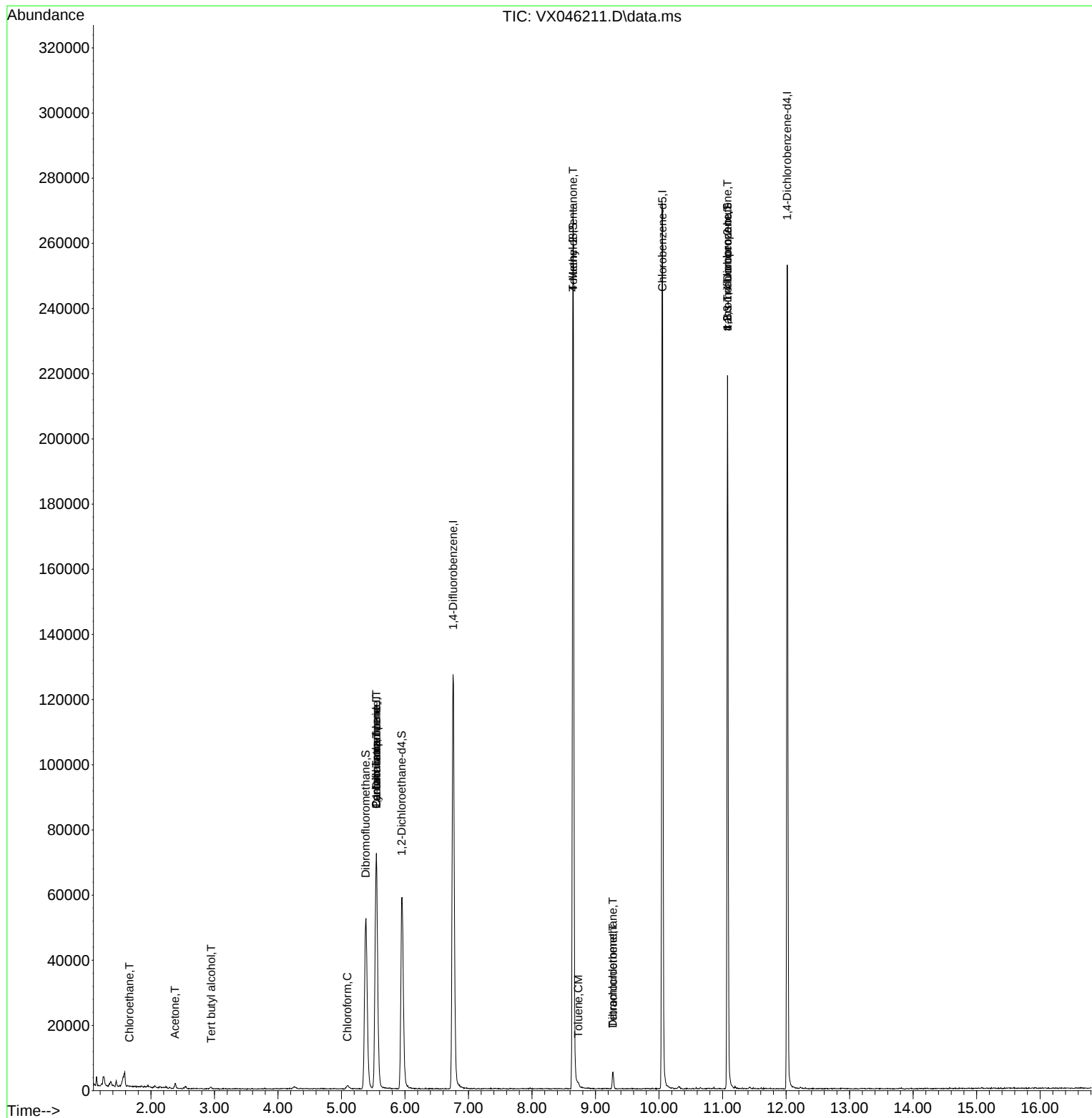
Internal Standards						
1) Pentafluorobenzene	5.550	168	61221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	120798	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	62643	54.885	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.760%		
35) Dibromofluoromethane	5.379	113	46065	52.956	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.920%		
50) Toluene-d8	8.647	98	154318	51.256	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.520%		
62) 4-Bromofluorobenzene	11.079	95	57300	49.616	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 99.240%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.660	64	136	0.301	ug/l #	44
11) Tert butyl alcohol	2.947	59	192	1.198	ug/l #	72
16) Acetone	2.380	43	1754	3.833	ug/l	93
30) Chloroform	5.093	83	1439	0.925	ug/l	97
31) Cyclohexane	5.550	56	1763	1.296	ug/l #	6
36) 1,1-Dichloropropene	5.550	75	6210	5.313	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7311	5.567	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	966	0.661	ug/l #	1
52) Toluene	8.726	92	502	0.239	ug/l	94
60) Dibromochloromethane	9.275	129	962	1.058	ug/l #	10
64) Tetrachloroethene	9.275	164	928	1.136	ug/l #	80
76) 1,2,3-Trichloropropane	11.079	75	33432	29.150	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33432	94.904	ug/l #	1

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

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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

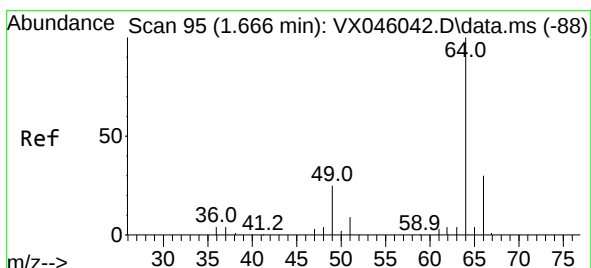
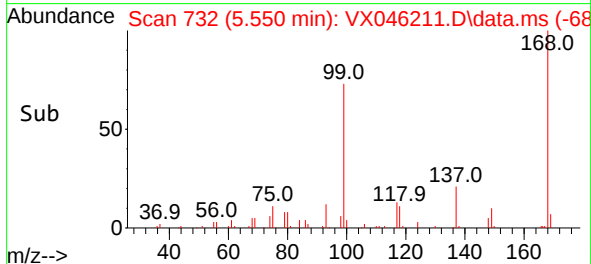
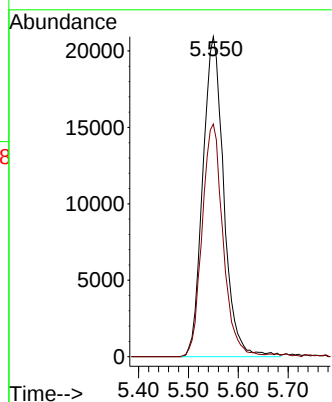
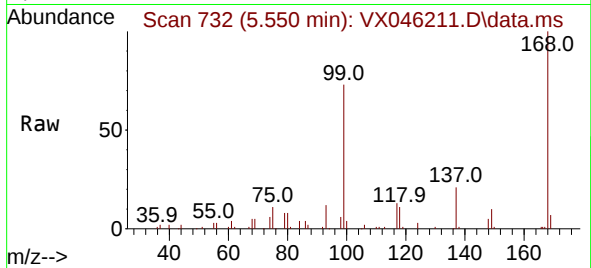




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046211.D
Acq: 15 May 2025 14:11

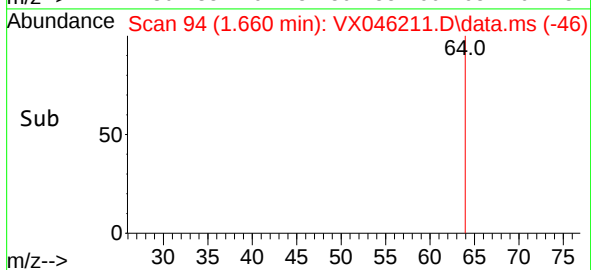
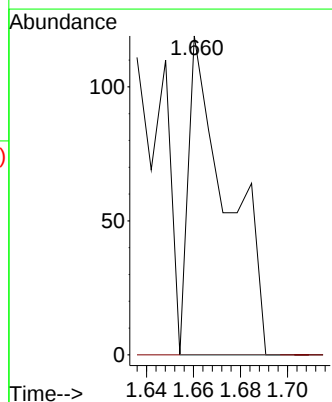
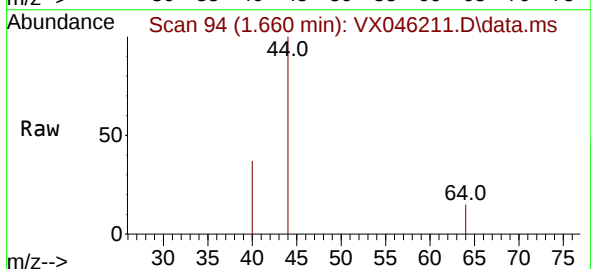
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 61221
Ion Ratio Lower Upper
168 100
99 72.7 54.9 82.3



#6
Chloroethane
Concen: 0.301 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX046211.D
Acq: 15 May 2025 14:11

Tgt Ion: 64 Resp: 136
Ion Ratio Lower Upper
64 100
66 0.0 24.3 36.5#

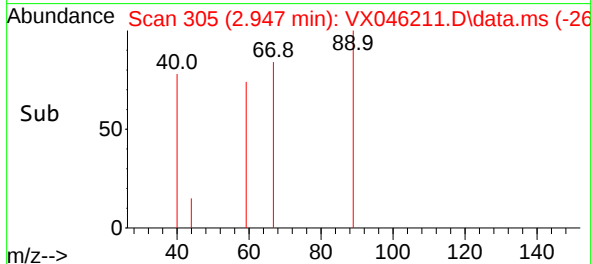
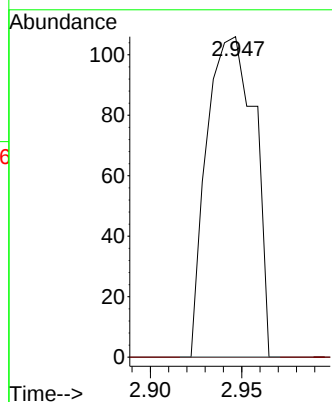
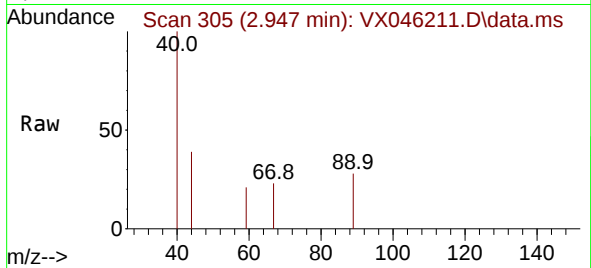




#11
Tert butyl alcohol
Concen: 1.198 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.030 min
Lab File: VX046211.D
Acq: 15 May 2025 14:11

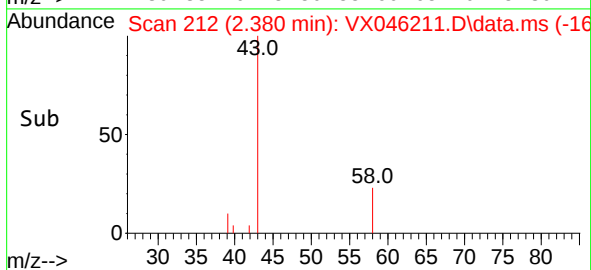
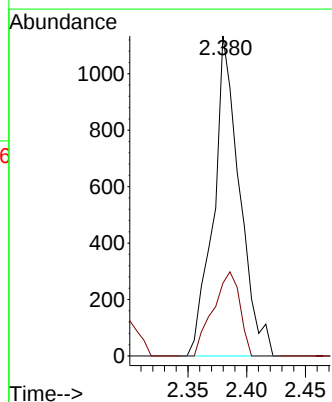
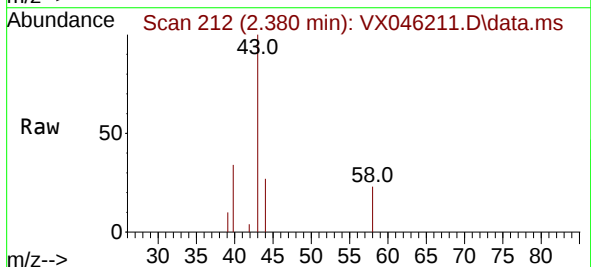
Instrument :
MSVOA_X
ClientSampleId :

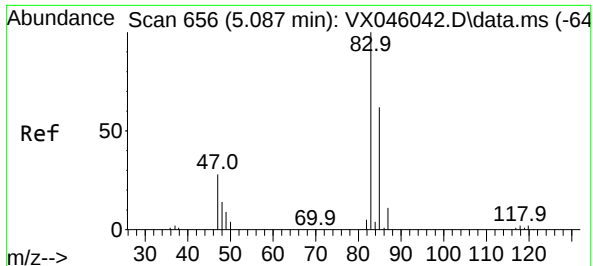
Tgt Ion: 59 Resp: 192
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 3.833 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046211.D
Acq: 15 May 2025 14:11

Tgt Ion: 43 Resp: 1754
Ion Ratio Lower Upper
43 100
58 22.8 21.2 31.8





#30

Chloroform

Concen: 0.925 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX046211.D

Acq: 15 May 2025 14:11

Instrument :

MSVOA_X

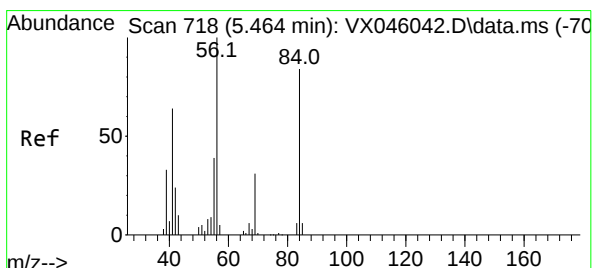
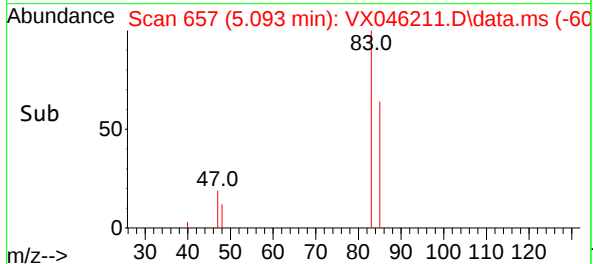
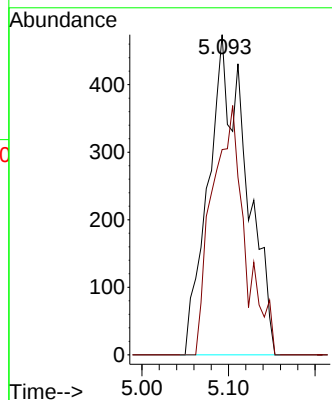
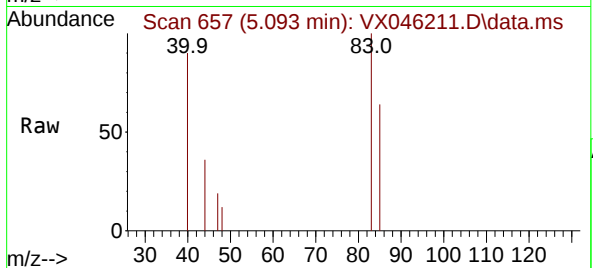
ClientSampleId :

Tgt Ion: 83 Resp: 1439

Ion Ratio Lower Upper

83 100

85 64.1 49.3 73.9



#31

Cyclohexane

Concen: 1.296 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX046211.D

Acq: 15 May 2025 14:11

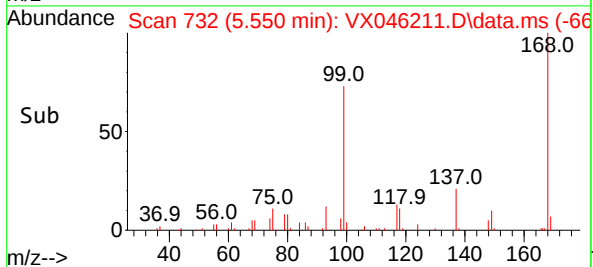
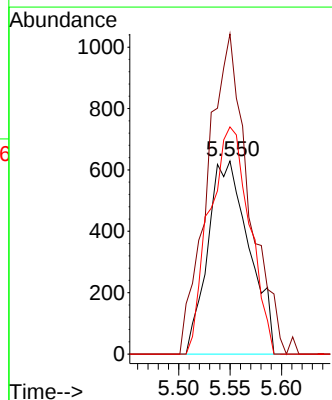
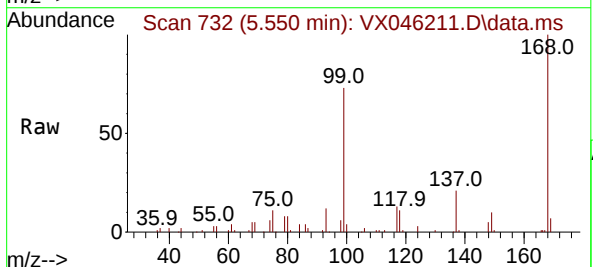
Tgt Ion: 56 Resp: 1763

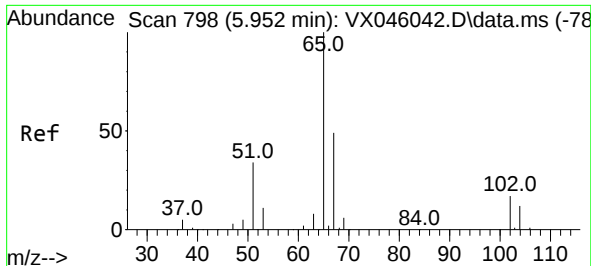
Ion Ratio Lower Upper

56 100

69 165.8 24.4 36.6#

84 117.6 66.9 100.3#

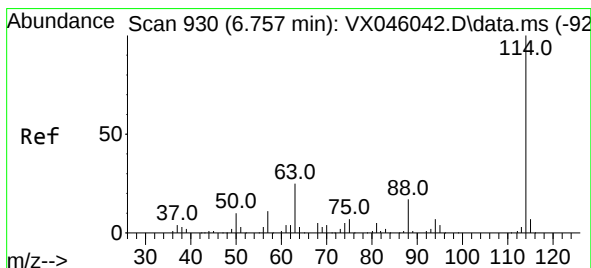
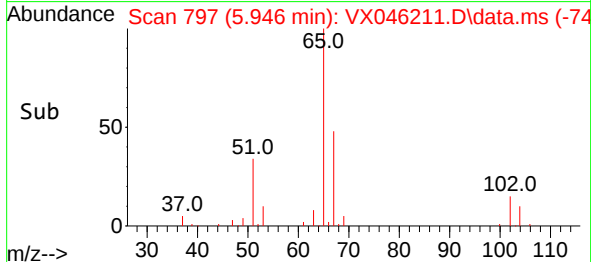
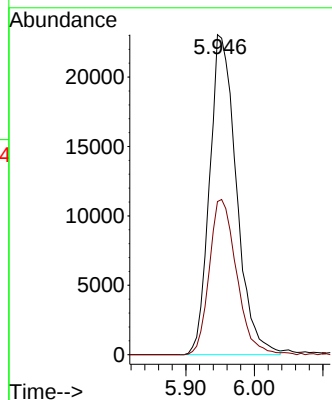
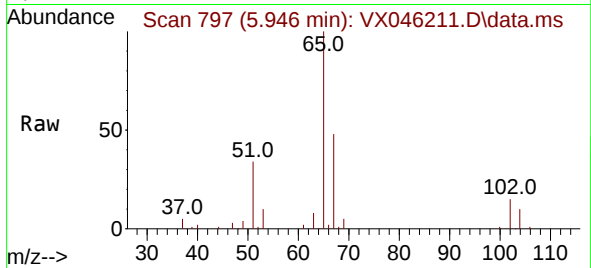




#33
 1,2-Dichloroethane-d4
 Concen: 54.885 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX046211.D
 Acq: 15 May 2025 14:11

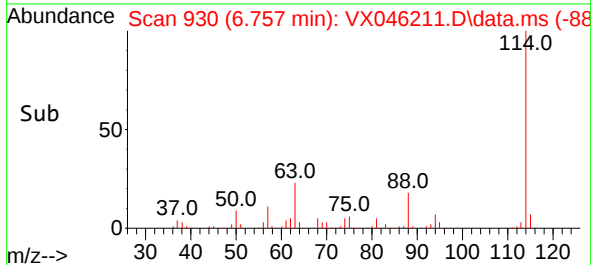
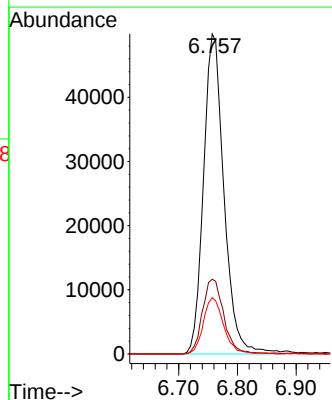
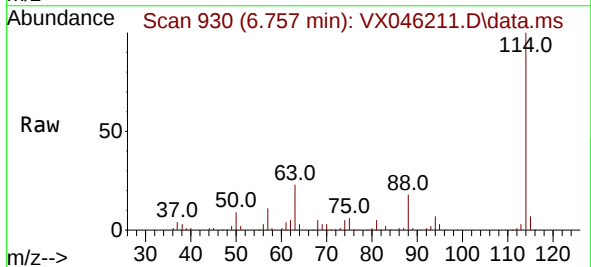
Instrument :
 MSVOA_X
 ClientSampleId :

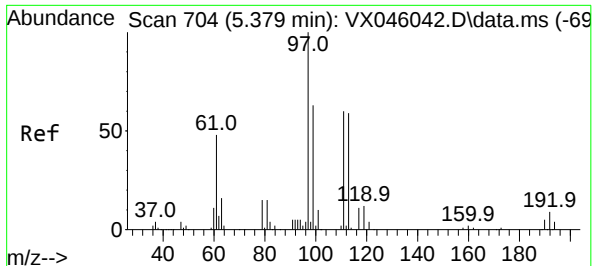
Tgt Ion: 65 Resp: 62643
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX046211.D
 Acq: 15 May 2025 14:11

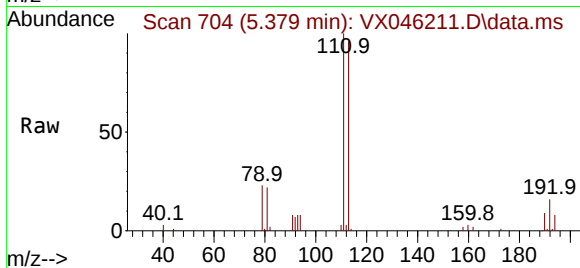
Tgt Ion: 114 Resp: 120798
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 49.2
 88 17.6 0.0 33.6



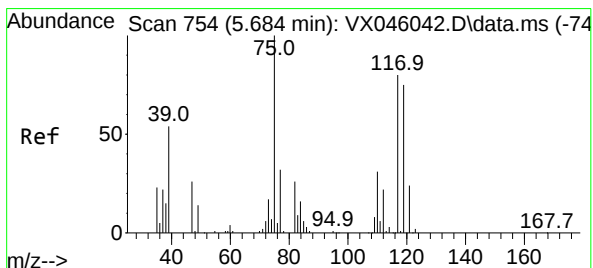
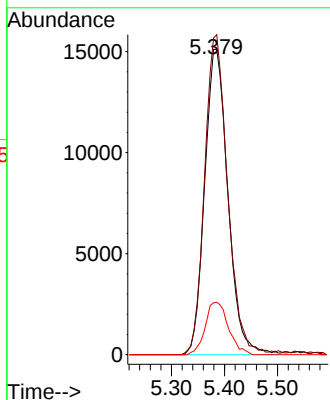
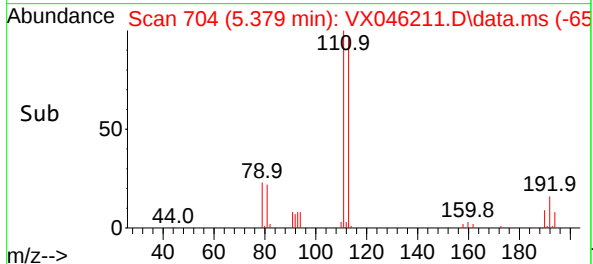


#35
Dibromofluoromethane
Concen: 52.956 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046211.D
Acq: 15 May 2025 14:11

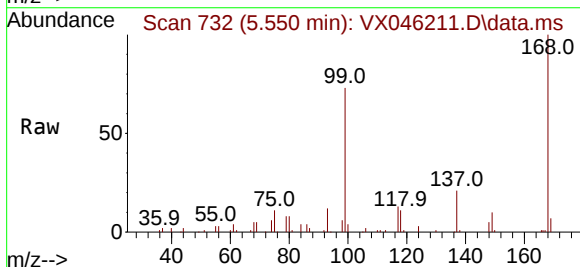
Instrument :
MSVOA_X
ClientSampleId :



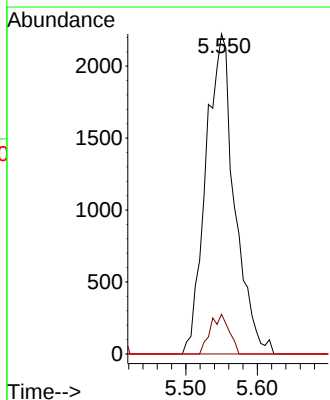
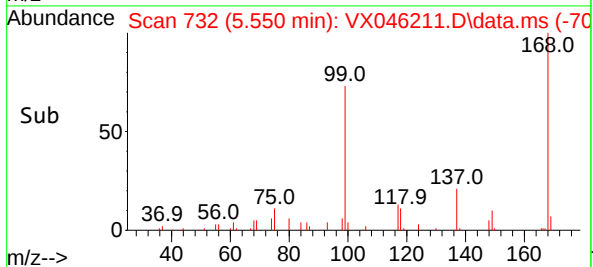
Tgt Ion:113 Resp: 46065
Ion Ratio Lower Upper
113 100
111 103.1 83.1 124.7
192 17.1 13.3 19.9

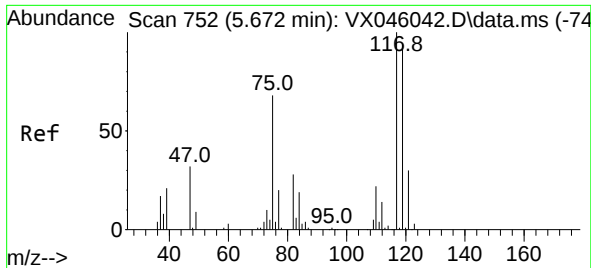


#36
1,1-Dichloropropene
Concen: 5.313 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX046211.D
Acq: 15 May 2025 14:11



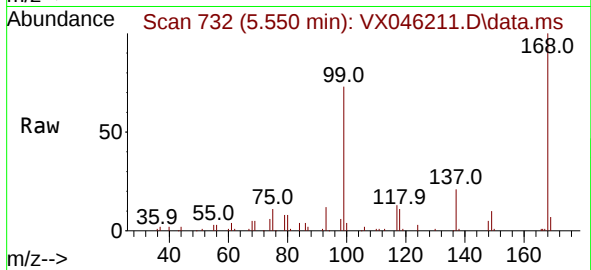
Tgt Ion: 75 Resp: 6210
Ion Ratio Lower Upper
75 100
110 8.1 16.3 48.9#
77 0.0 24.3 36.5#



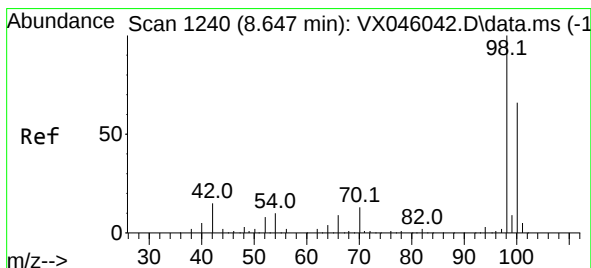
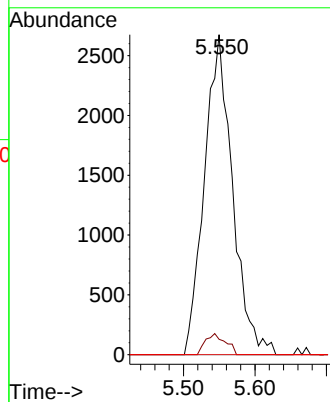
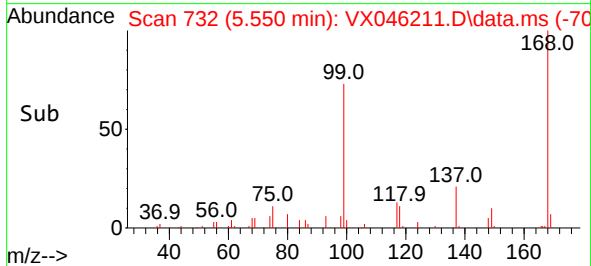


#38
Carbon Tetrachloride
Concen: 5.567 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX046211.D
Acq: 15 May 2025 14:11

Instrument :
MSVOA_X
ClientSampleId :

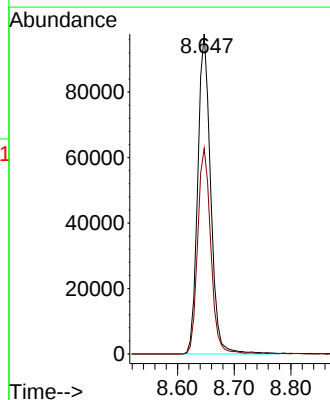
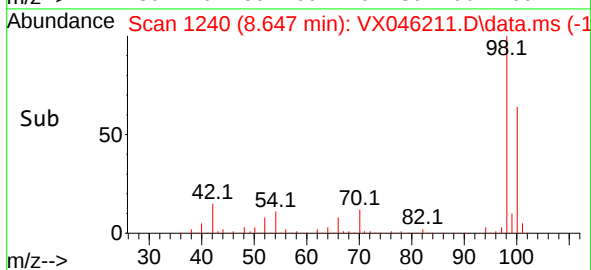
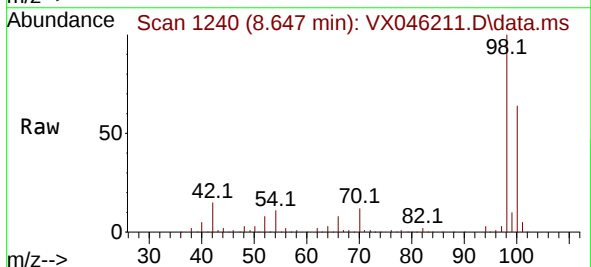


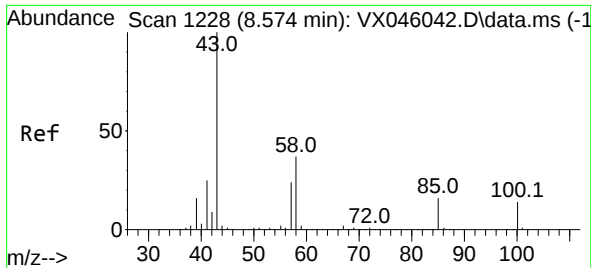
Tgt Ion:117 Resp: 7311
Ion Ratio Lower Upper
117 100
119 4.8 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 51.256 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046211.D
Acq: 15 May 2025 14:11

Tgt Ion: 98 Resp: 154318
Ion Ratio Lower Upper
98 100
100 65.0 53.5 80.3

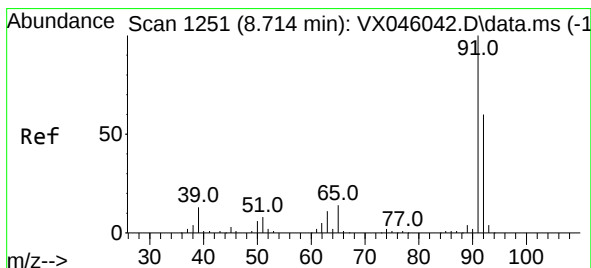
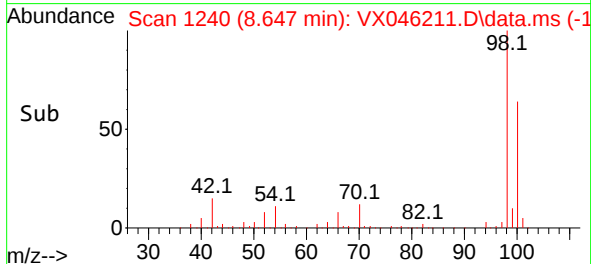
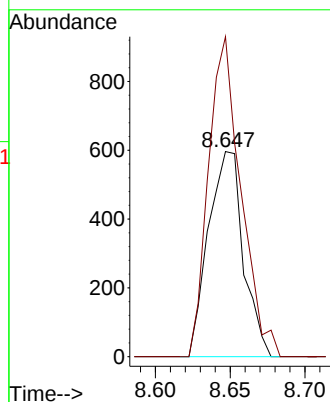
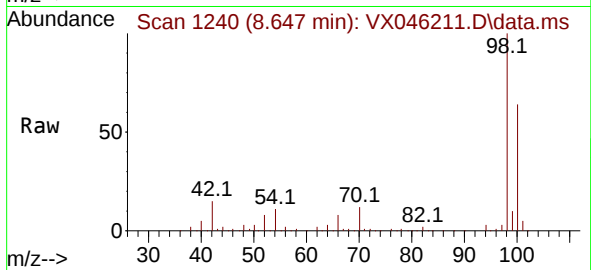




#51
4-Methyl-2-Pentanone
Concen: 0.661 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX046211.D
Acq: 15 May 2025 14:11

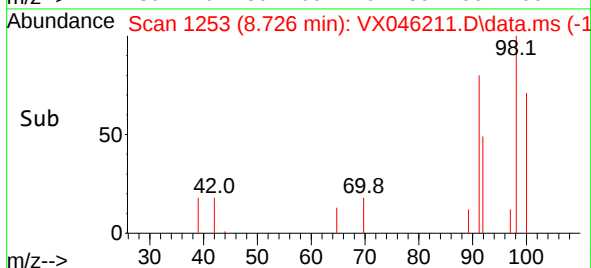
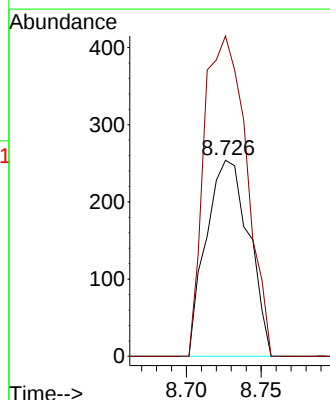
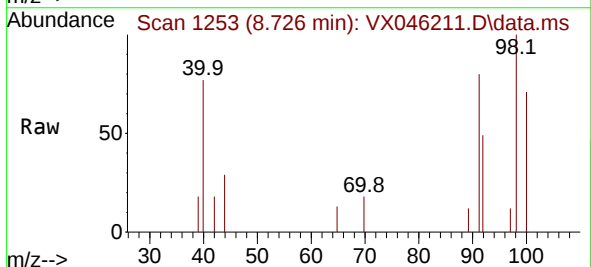
Instrument :
MSVOA_X
ClientSampleId :

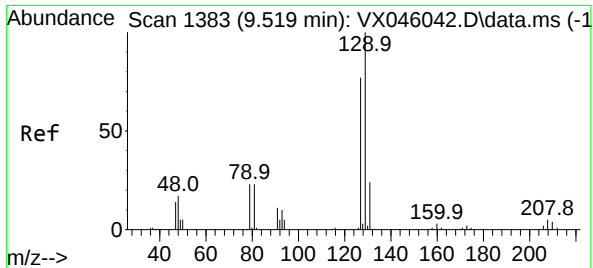
Tgt Ion: 43 Resp: 966
Ion Ratio Lower Upper
43 100
58 145.3 28.9 43.3#



#52
Toluene
Concen: 0.239 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX046211.D
Acq: 15 May 2025 14:11

Tgt Ion: 92 Resp: 502
Ion Ratio Lower Upper
92 100
91 162.4 136.6 205.0

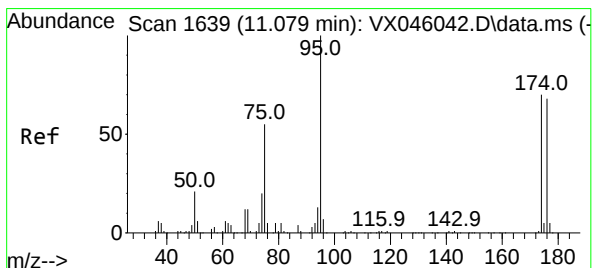
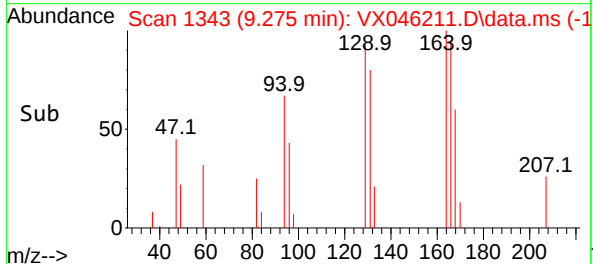
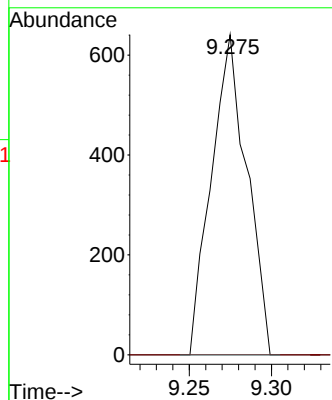
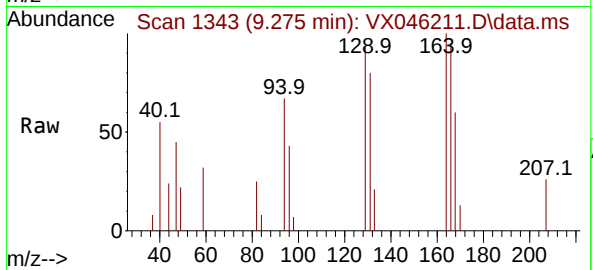




#60
Dibromochloromethane
Concen: 1.058 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX046211.D
Acq: 15 May 2025 14:11

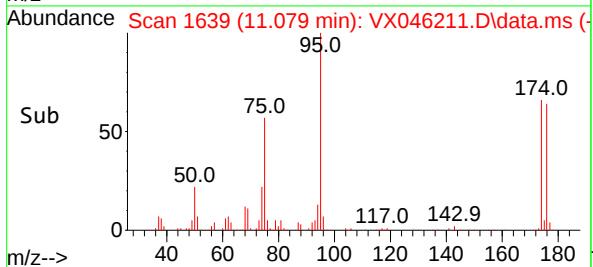
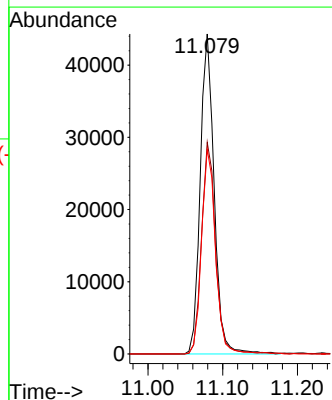
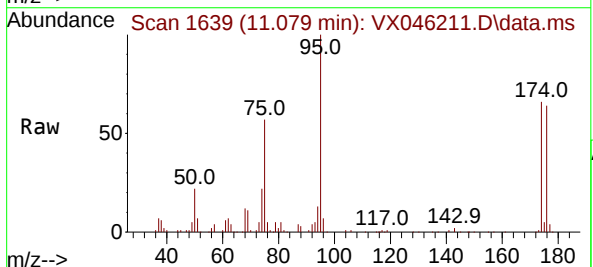
Instrument :
MSVOA_X
ClientSampleId :

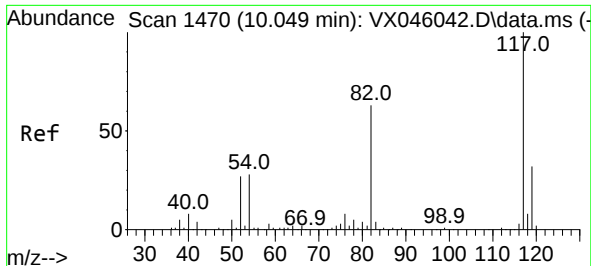
Tgt Ion:129 Resp: 962
Ion Ratio Lower Upper
129 100
127 0.0 39.3 117.8#



#62
4-Bromofluorobenzene
Concen: 49.616 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046211.D
Acq: 15 May 2025 14:11

Tgt Ion: 95 Resp: 57300
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.8
176 64.4 0.0 131.4

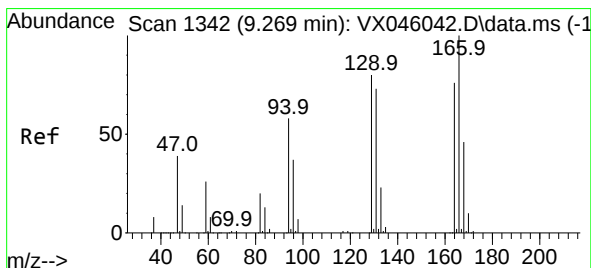
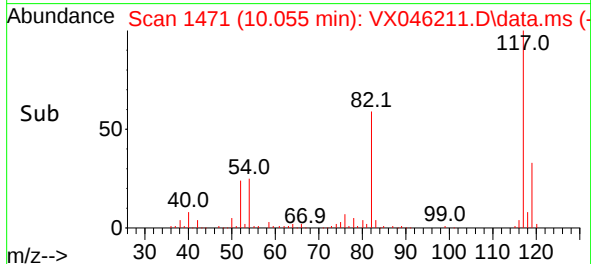
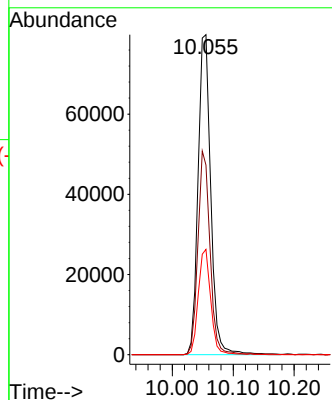
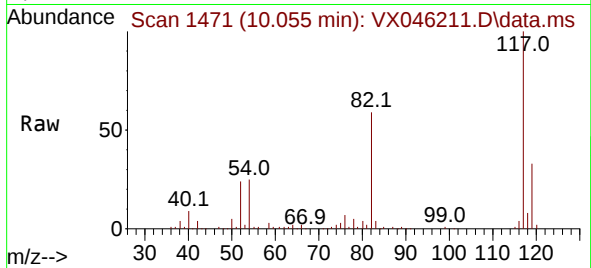




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046211.D
Acq: 15 May 2025 14:11

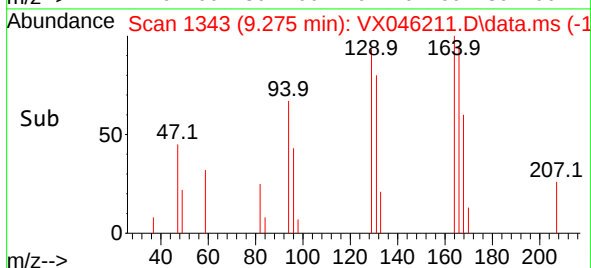
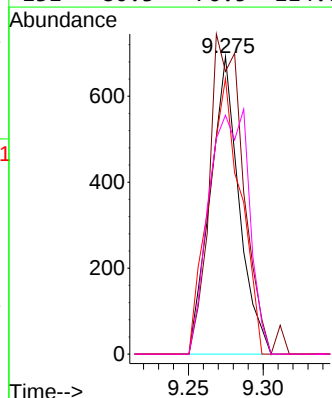
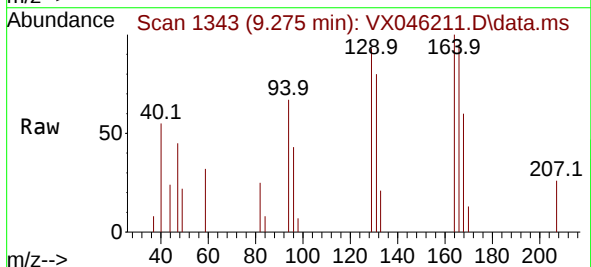
Instrument :
MSVOA_X
ClientSampleId :

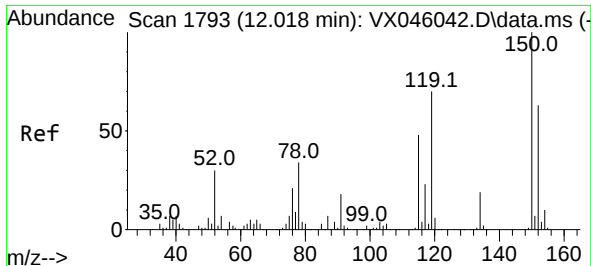
Tgt Ion:117 Resp: 115485
Ion Ratio Lower Upper
117 100
82 59.3 50.6 76.0
119 32.9 25.8 38.6



#64
Tetrachloroethene
Concen: 1.136 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX046211.D
Acq: 15 May 2025 14:11

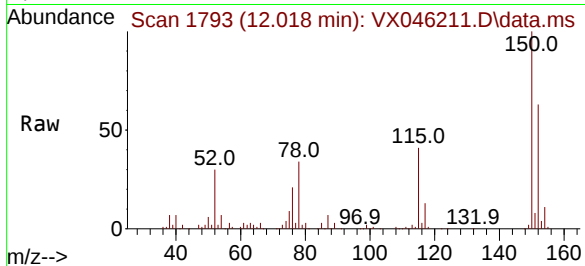
Tgt Ion:164 Resp: 928
Ion Ratio Lower Upper
164 100
166 95.1 105.0 157.6#
129 92.6 83.5 125.3
131 80.3 76.5 114.7



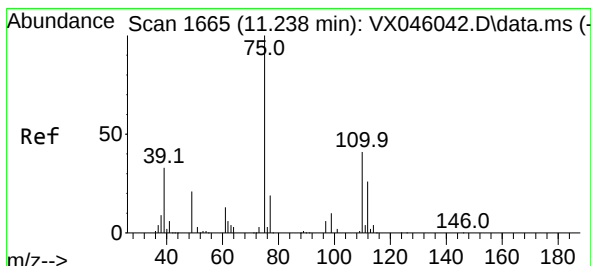
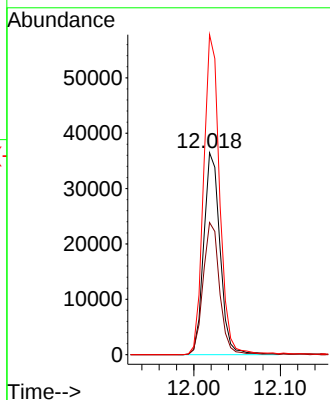
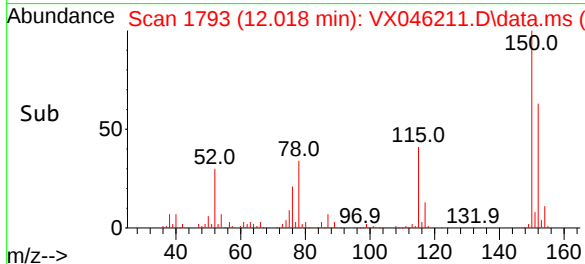


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046211.D
 Acq: 15 May 2025 14:11

Instrument :
 MSVOA_X
 ClientSampleId :

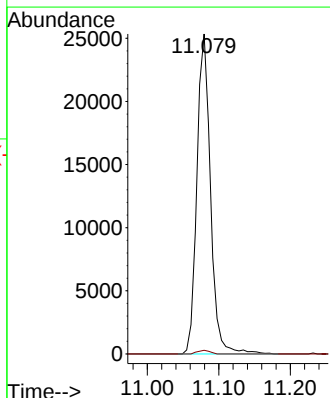
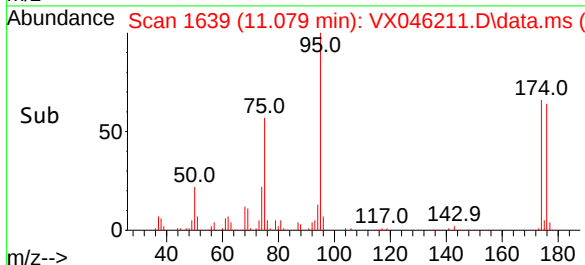
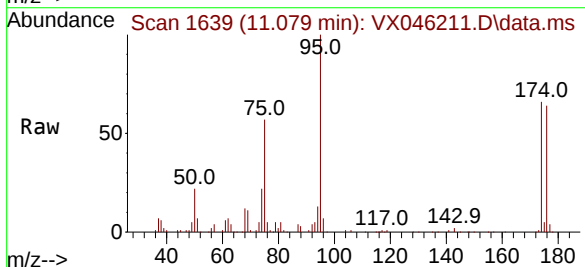


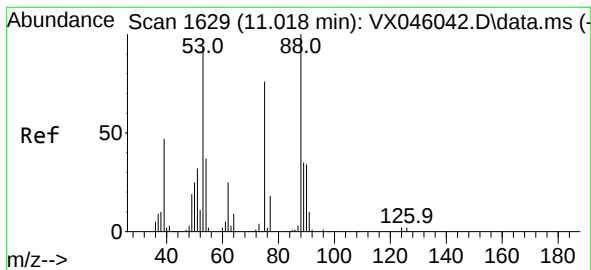
Tgt Ion:152 Resp: 47647
 Ion Ratio Lower Upper
 152 100
 115 66.6 46.9 140.7
 150 156.8 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 29.150 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046211.D
 Acq: 15 May 2025 14:11

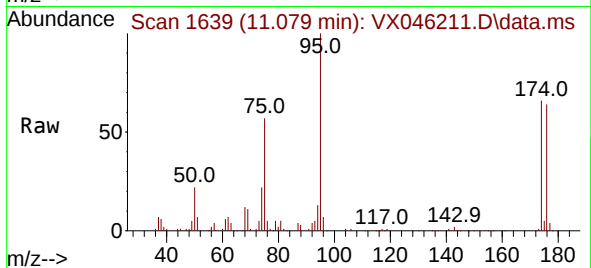
Tgt Ion: 75 Resp: 33432
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.904 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046211.D
 Acq: 15 May 2025 14:11

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 33432
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

