

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
 Data File : VX047181.D
 Acq On : 30 Jul 2025 12:44
 Operator : JC/MD
 Sample : VX0730WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBL01

Quant Time: Jul 31 03:13:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

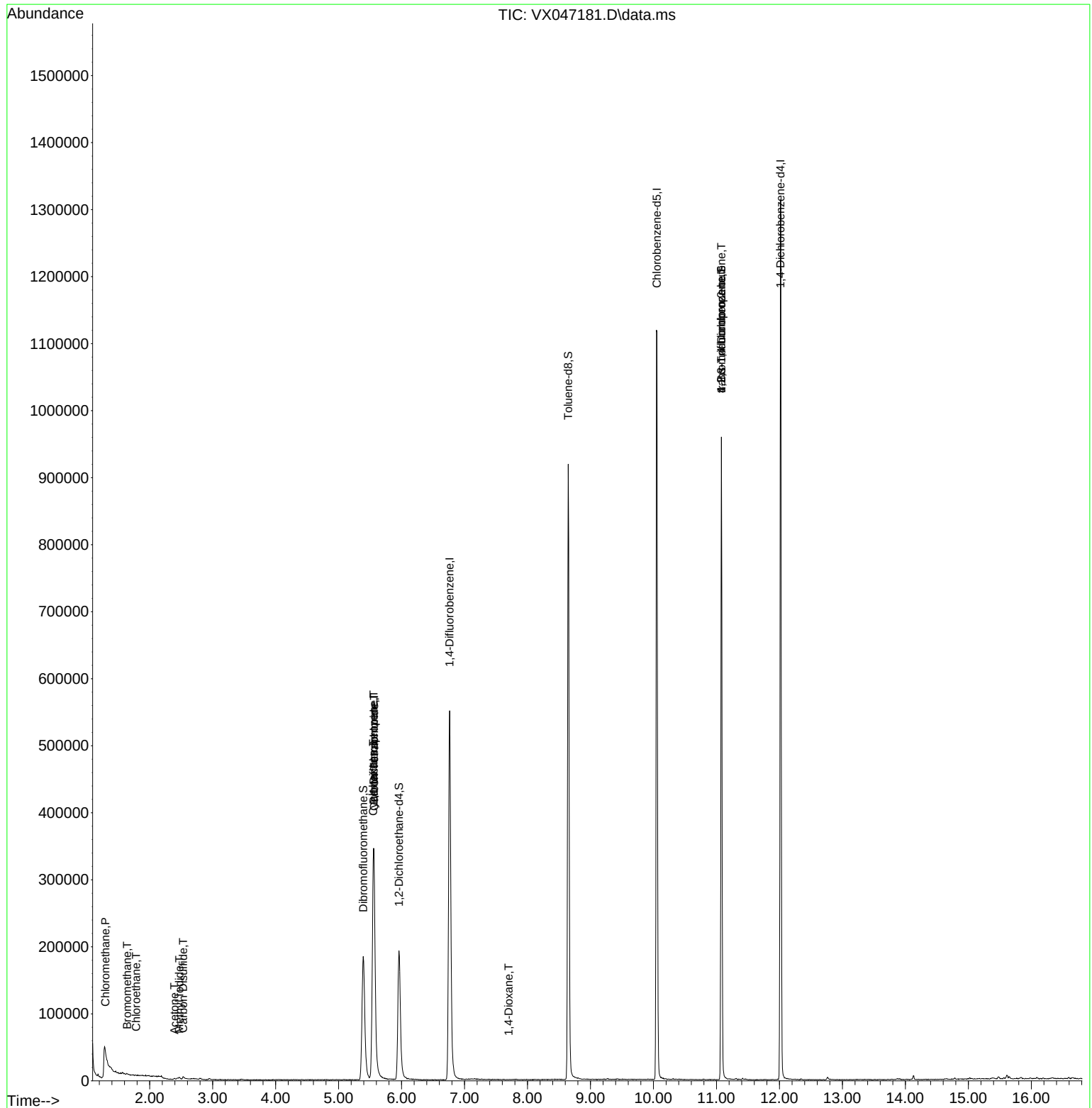
Internal Standards						
1) Pentafluorobenzene	5.556	168	349455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	583262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	517110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	255739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	205953	47.312	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.620%		
35) Dibromofluoromethane	5.391	113	176880	49.116	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.240%		
50) Toluene-d8	8.647	98	556355	47.704	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.400%		
62) 4-Bromofluorobenzene	11.079	95	252399	50.219	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.440%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	3224	0.702	ug/l #	43
5) Bromomethane	1.642	94	906	0.338	ug/l	94
6) Chloroethane	1.782	64	1006	0.310	ug/l #	62
10) Methyl Iodide	2.471	142	3788	0.838	ug/l	99
11) Tert butyl alcohol	2.952	59	119	Below Cal	#	72
16) Acetone	2.392	43	1812	1.039	ug/l #	77
17) Carbon Disulfide	2.532	76	5135	0.404	ug/l	99
31) Cyclohexane	5.550	56	7494	0.921	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	29488	4.804	ug/l #	49
38) Carbon Tetrachloride	5.562	117	37857	5.778	ug/l #	16
49) 1,4-Dioxane	7.702	88	67	1.226	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	131843	27.853	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	131843	71.759	ug/l #	8

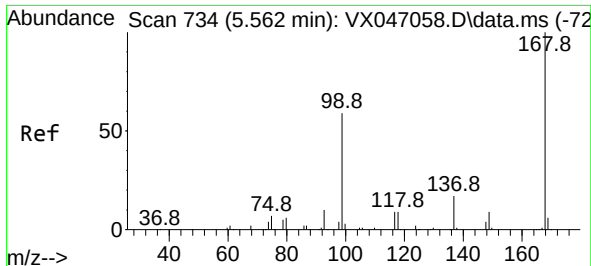
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\  
Data File : VX047181.D  
Acq On    : 30 Jul 2025 12:44  
Operator  : JC/MD  
Sample    : VX0730WBL01  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 5    Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBL01

Quant Time: Jul 31 03:13:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
Qlast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

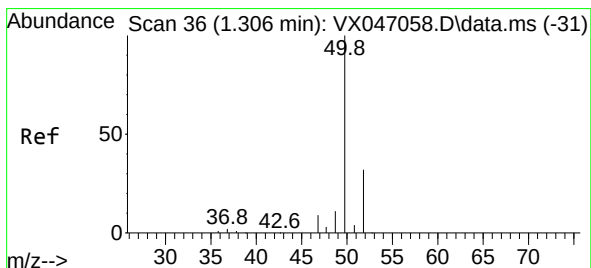
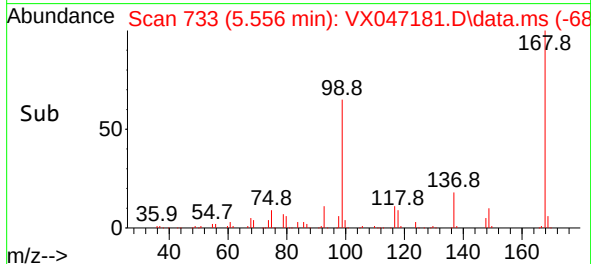
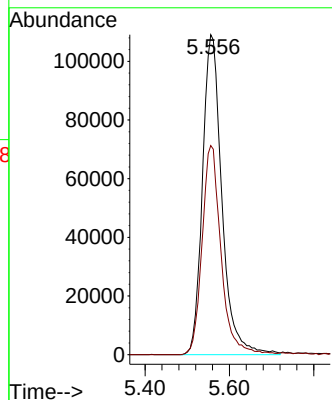
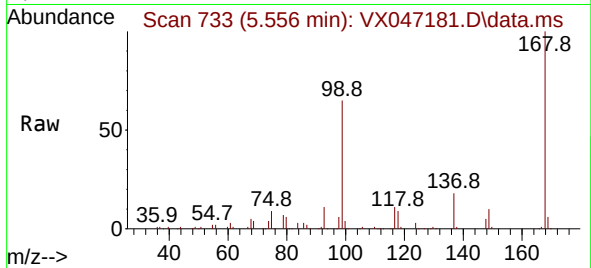




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

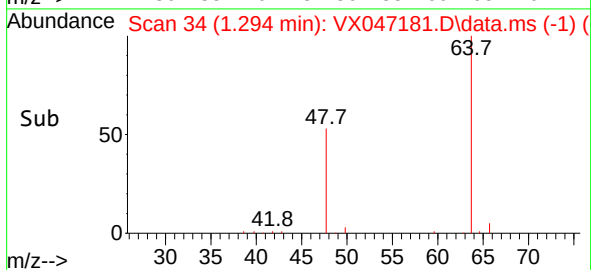
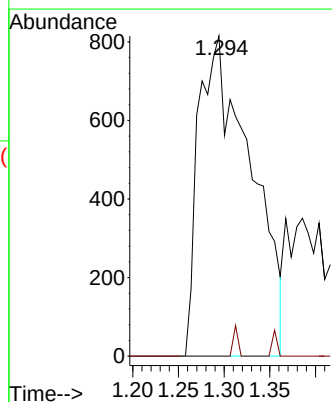
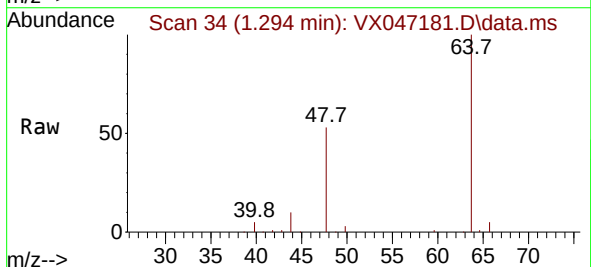
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBL01

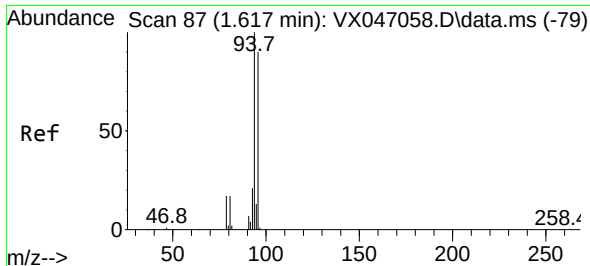
Tgt Ion:168 Resp: 349455
Ion Ratio Lower Upper
168 100
99 65.3 48.0 72.0



#3
Chloromethane
Concen: 0.702 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

Tgt Ion: 50 Resp: 3224
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

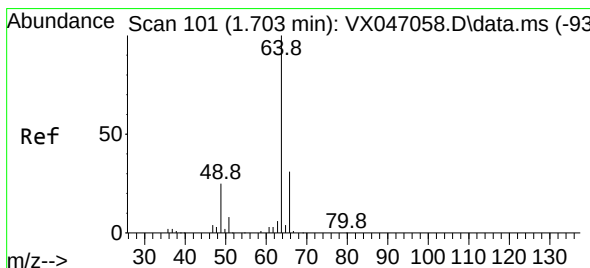
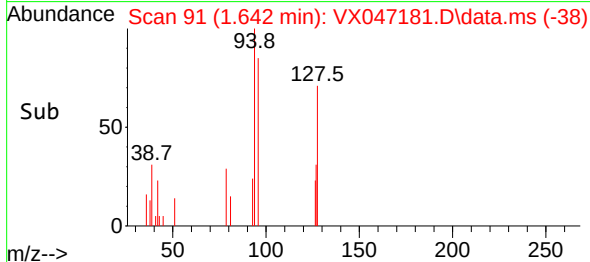
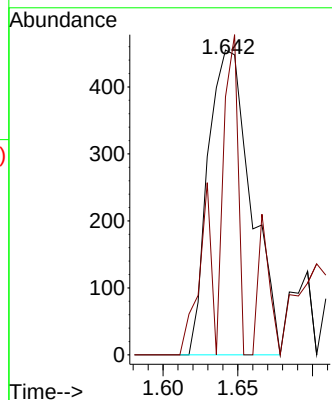
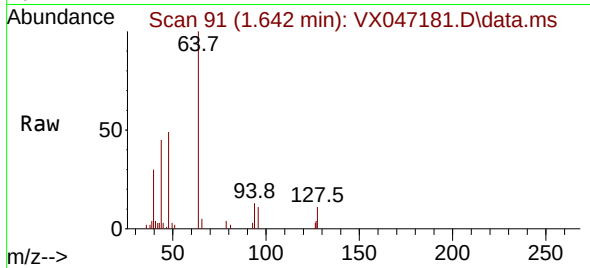




#5
Bromomethane
Concen: 0.338 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.025 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

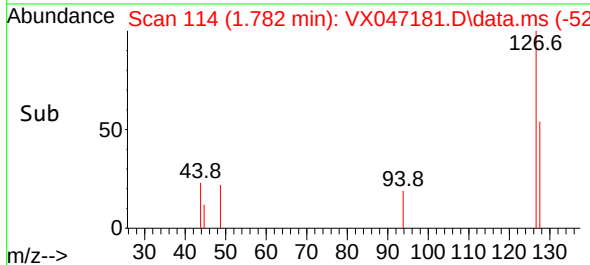
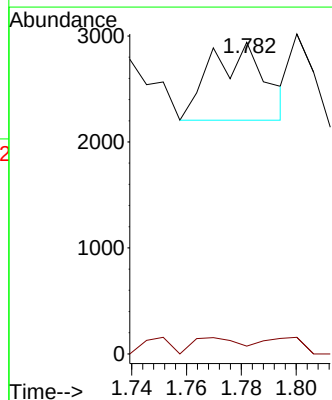
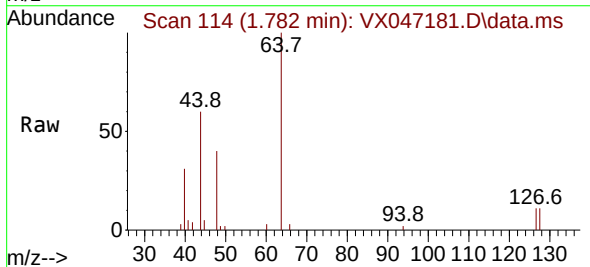
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBL01

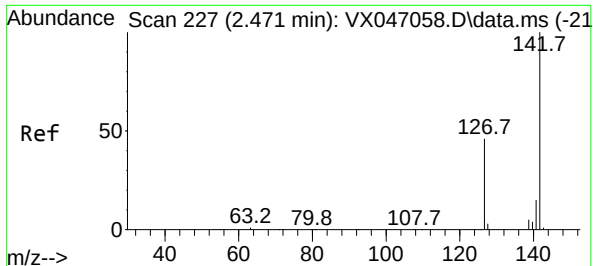
Tgt Ion: 94 Resp: 906
Ion Ratio Lower Upper
94 100
96 84.6 72.3 108.5



#6
Chloroethane
Concen: 0.310 ug/l
RT: 1.782 min Scan# 114
Delta R.T. 0.079 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

Tgt Ion: 64 Resp: 1006
Ion Ratio Lower Upper
64 100
66 10.1 25.0 37.6#

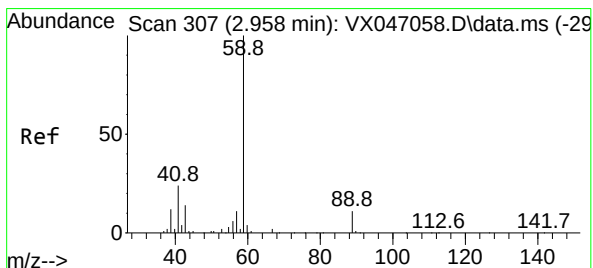
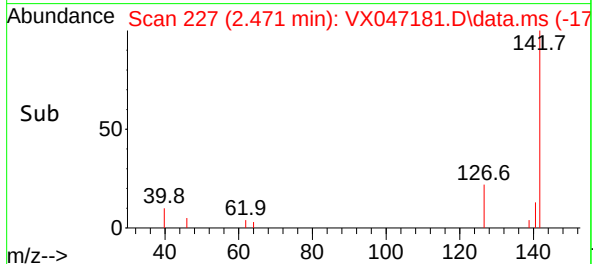
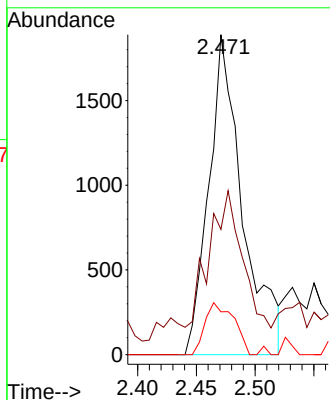
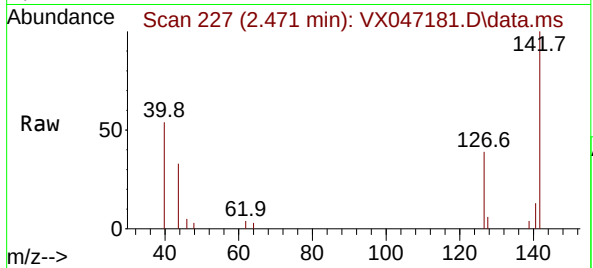




#10
Methyl Iodide
Concen: 0.838 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

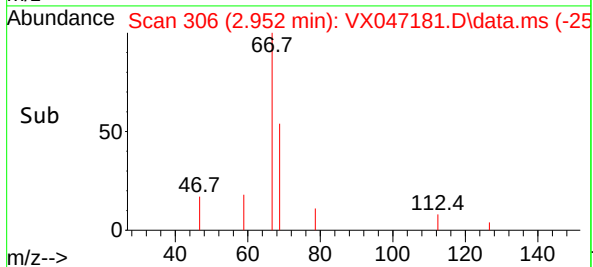
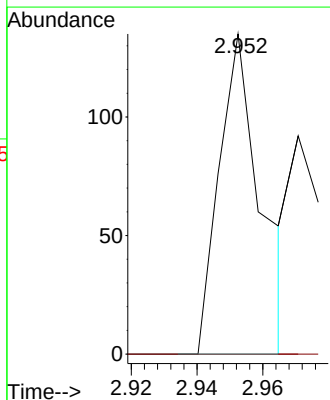
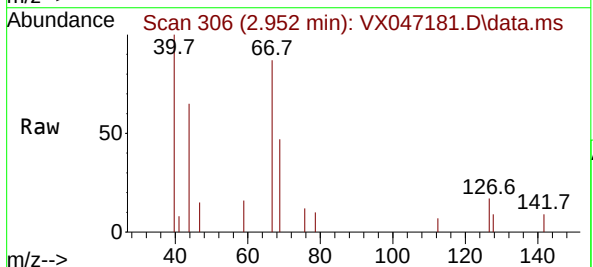
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBL01

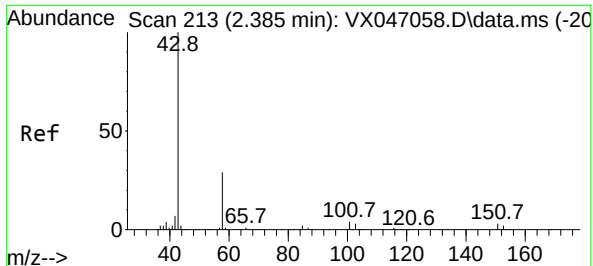
Tgt Ion:142 Resp: 3788
Ion Ratio Lower Upper
142 100
127 46.9 36.6 54.8
141 13.8 10.9 16.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.952 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

Tgt Ion: 59 Resp: 119
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

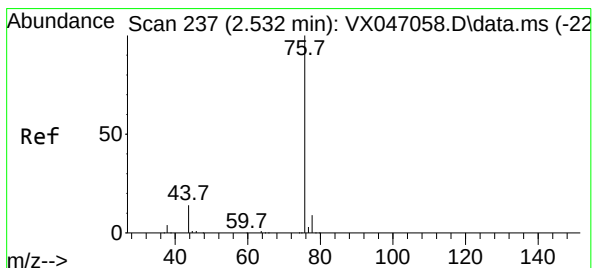
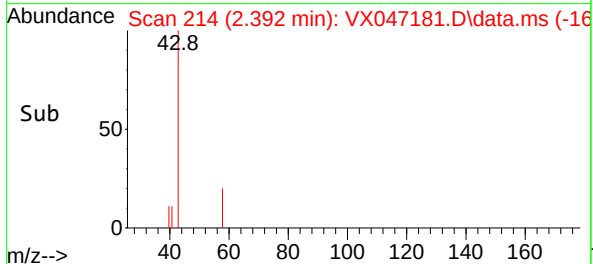
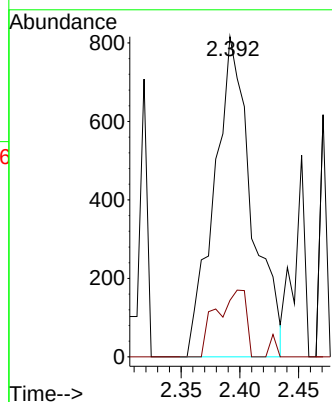
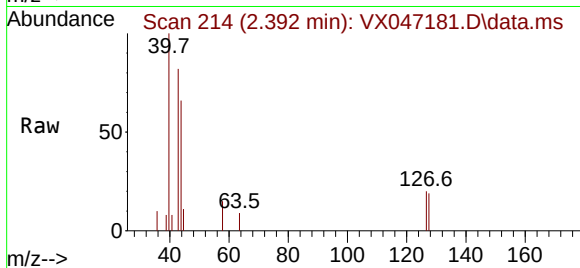




#16
Acetone
Concen: 1.039 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

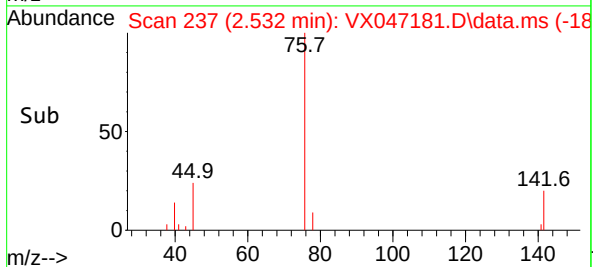
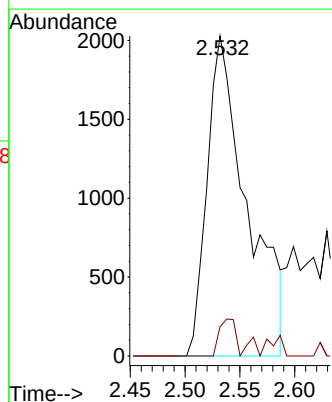
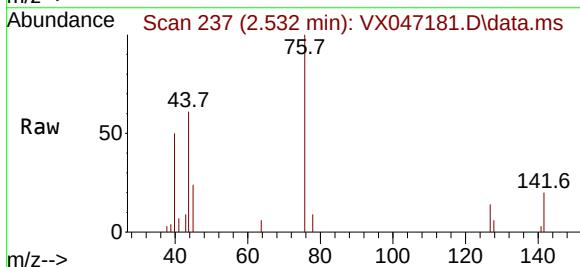
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBL01

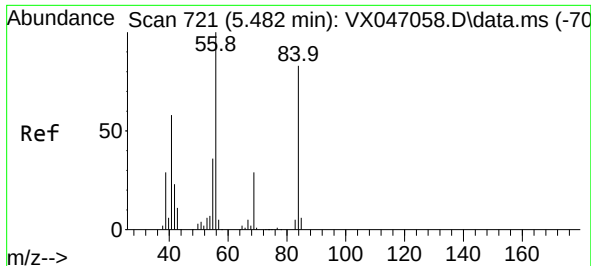
Tgt Ion: 43 Resp: 1812
Ion Ratio Lower Upper
43 100
58 17.6 24.0 36.0#



#17
Carbon Disulfide
Concen: 0.404 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

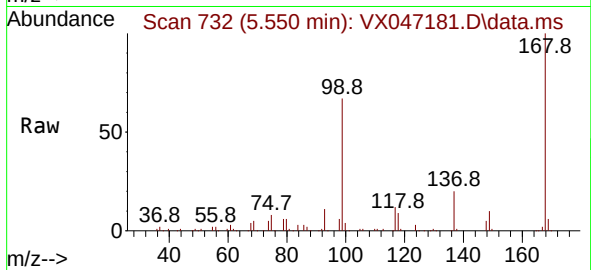
Tgt Ion: 76 Resp: 5135
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



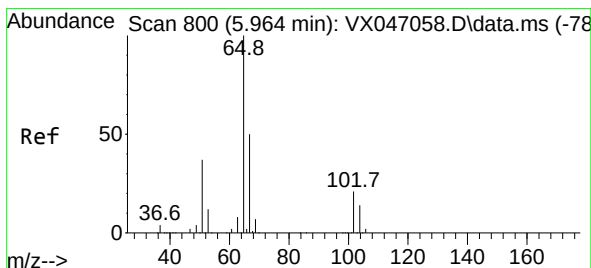
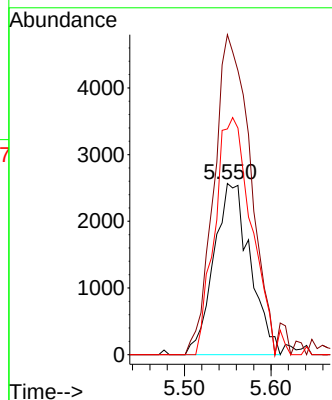
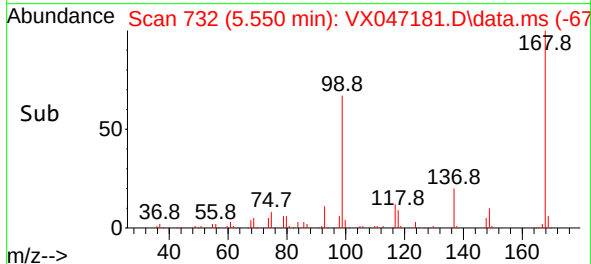


#31
Cyclohexane
Concen: 0.921 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBL01

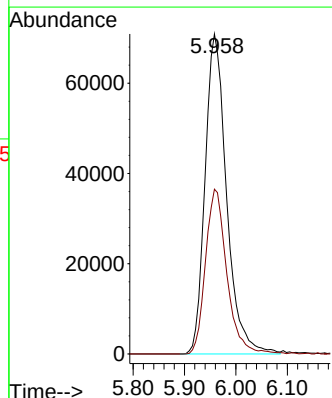
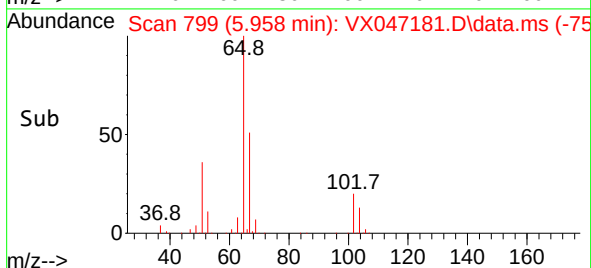
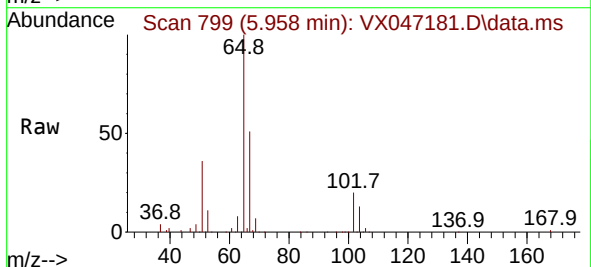


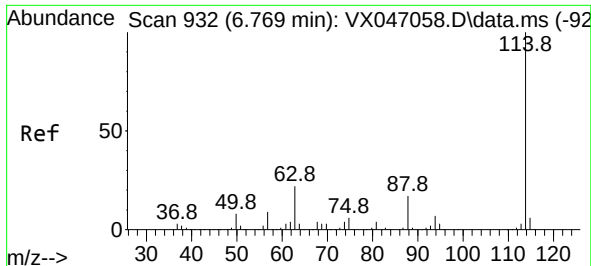
Tgt Ion: 56 Resp: 7494
Ion Ratio Lower Upper
56 100
69 186.8 23.3 34.9#
84 131.9 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 47.312 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

Tgt Ion: 65 Resp: 205953
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8

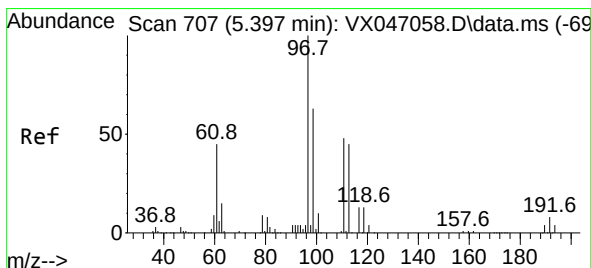
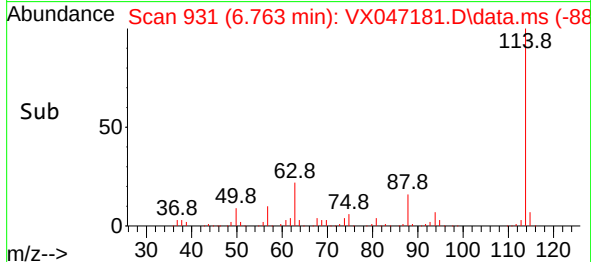
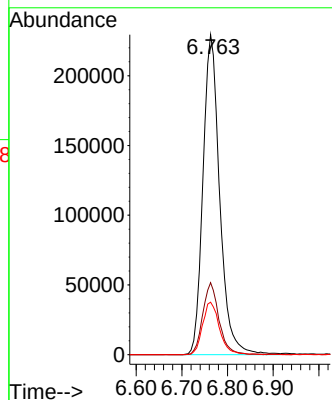
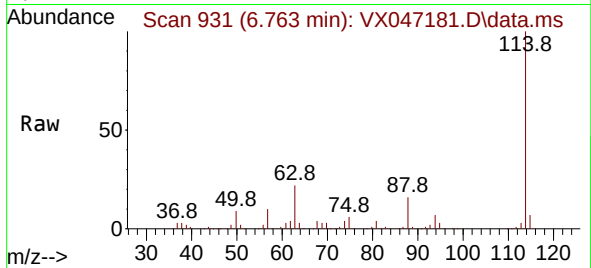




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

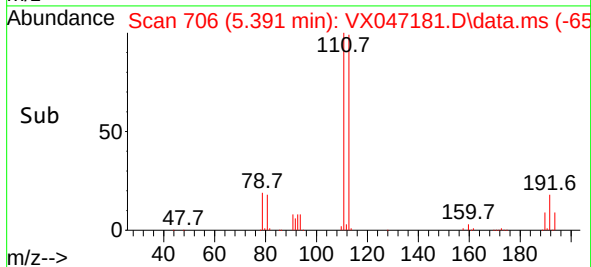
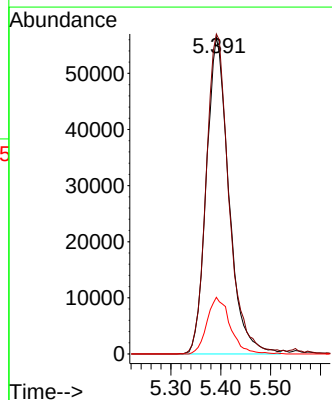
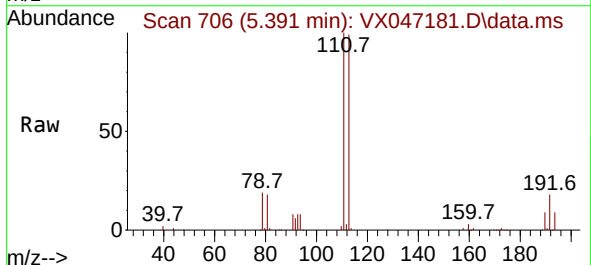
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBL01

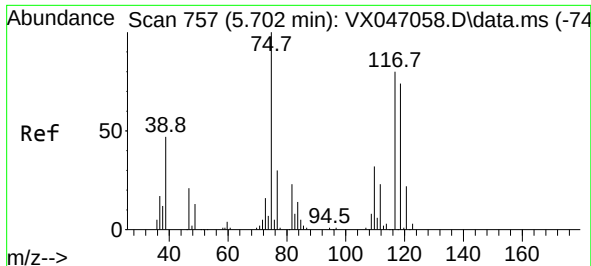
Tgt Ion:114 Resp: 583262
Ion Ratio Lower Upper
114 100
63 22.5 0.0 43.2
88 16.4 0.0 33.8



#35
Dibromofluoromethane
Concen: 49.116 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

Tgt Ion:113 Resp: 176880
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 18.4 14.9 22.3

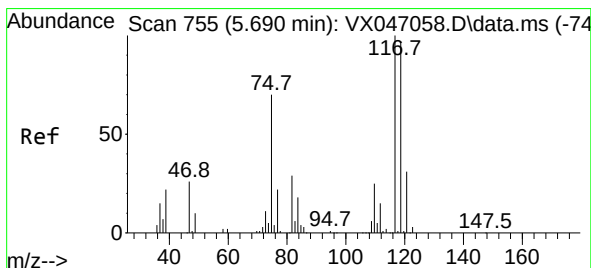
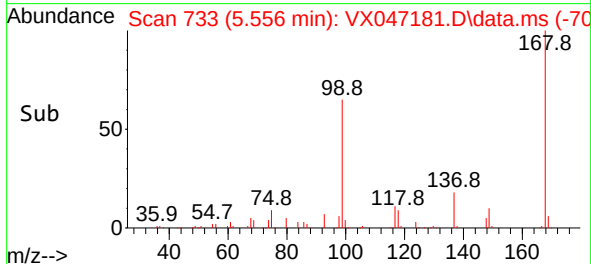
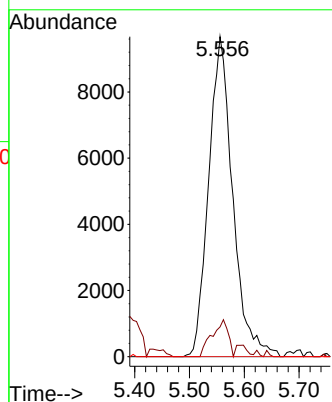
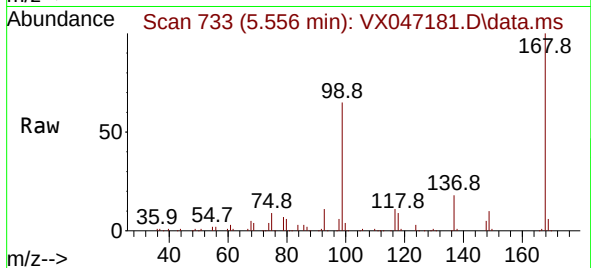




#36
1,1-Dichloropropene
Concen: 4.804 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

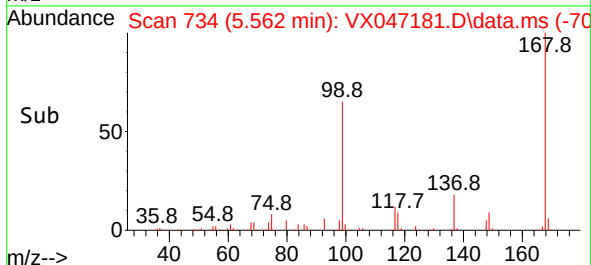
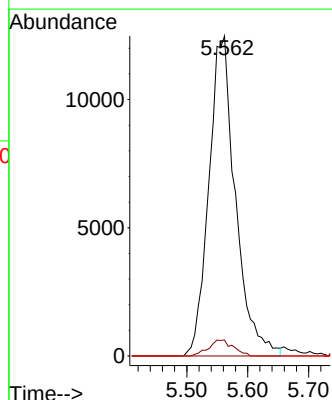
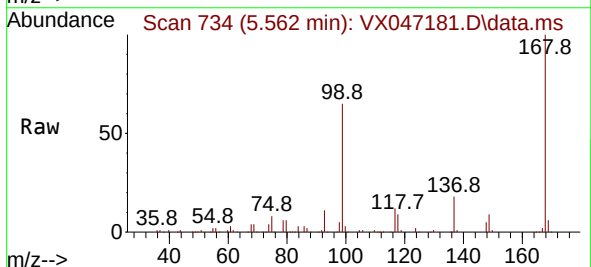
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBL01

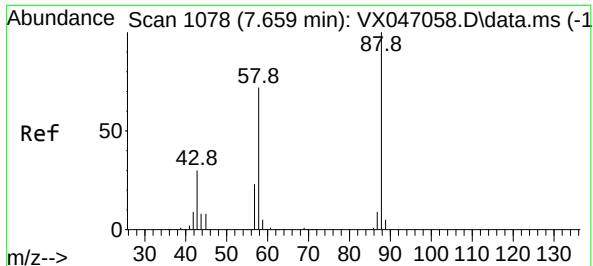
Tgt Ion: 75 Resp: 29488
Ion Ratio Lower Upper
75 100
110 7.8 17.2 51.5#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.778 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

Tgt Ion: 117 Resp: 37857
Ion Ratio Lower Upper
117 100
119 5.0 76.6 115.0#
121 0.0 24.4 36.6#





#49

1,4-Dioxane

Concen: 1.226 ug/l

RT: 7.702 min Scan# 1

Delta R.T. 0.043 min

Lab File: VX047181.D

Acq: 30 Jul 2025 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBL01

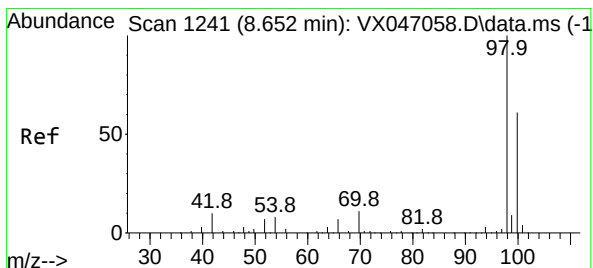
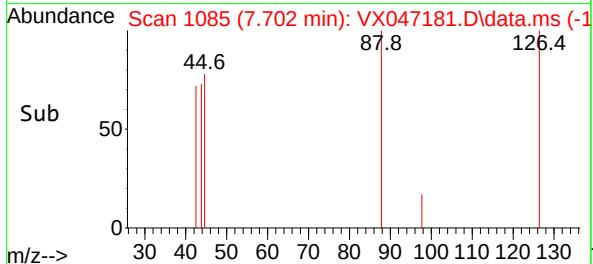
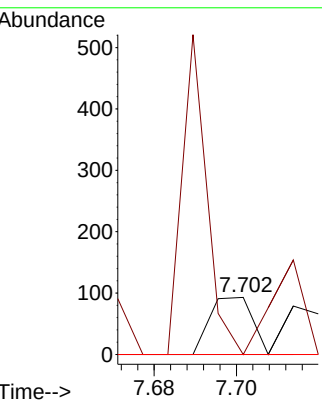
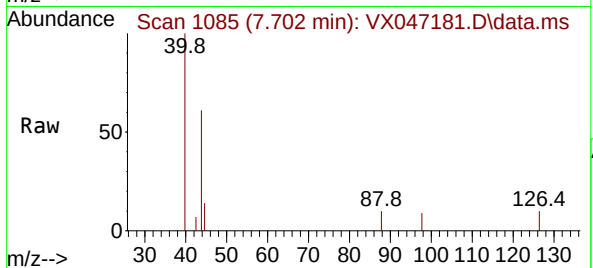
Tgt Ion: 88 Resp: 67

Ion Ratio Lower Upper

88 100

43 125.4 33.6 50.4#

58 0.0 58.8 88.2#



#50

Toluene-d8

Concen: 47.704 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX047181.D

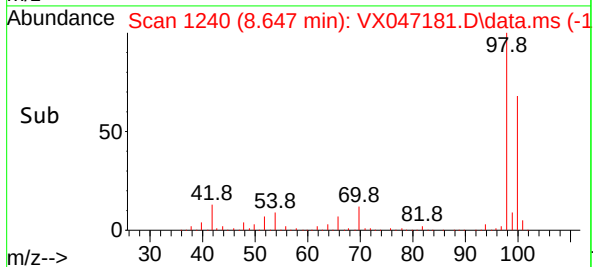
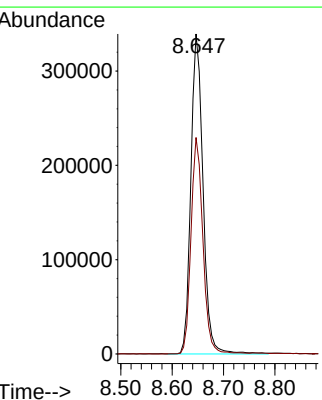
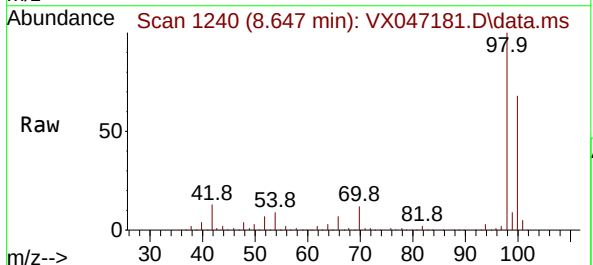
Acq: 30 Jul 2025 12:44

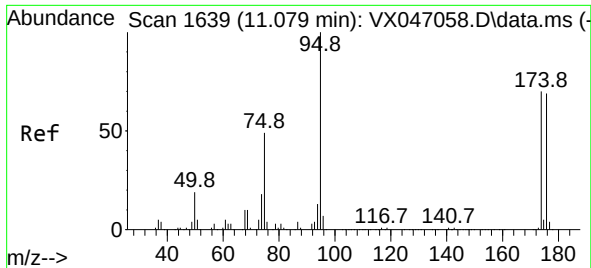
Tgt Ion: 98 Resp: 556355

Ion Ratio Lower Upper

98 100

100 66.5 53.3 79.9

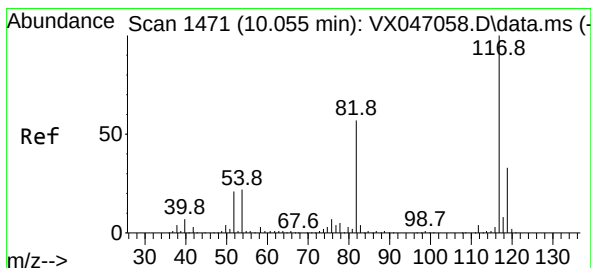
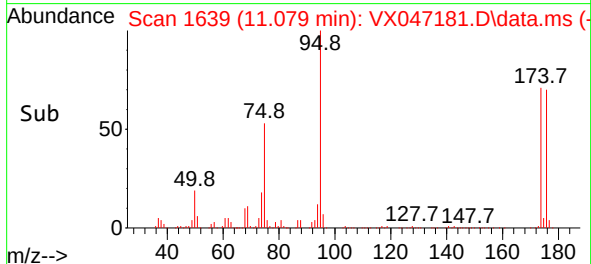
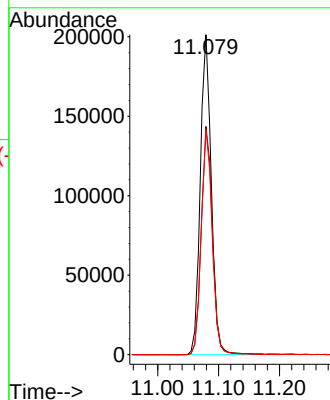
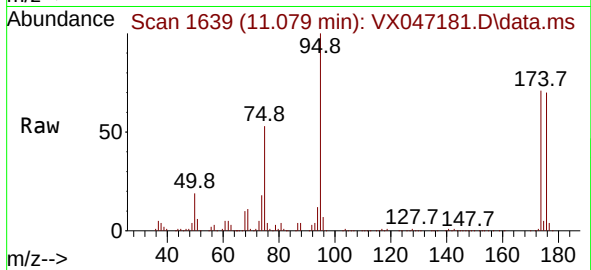




#62
4-Bromofluorobenzene
Concen: 50.219 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

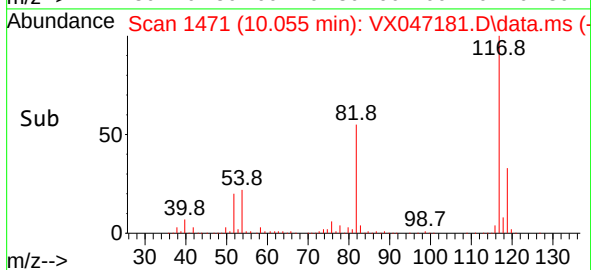
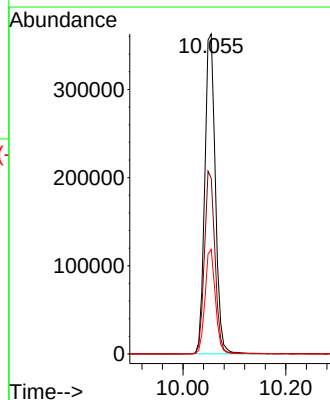
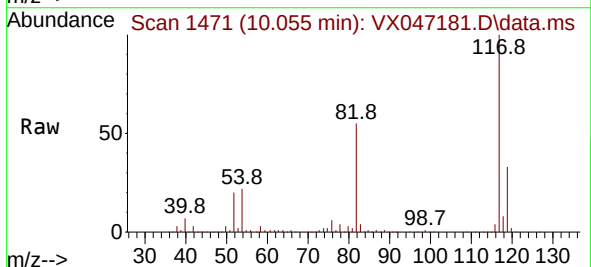
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBL01

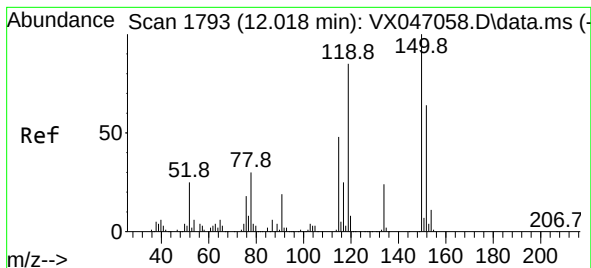
Tgt Ion: 95 Resp: 252399
Ion Ratio Lower Upper
95 100
174 72.1 0.0 144.6
176 70.2 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

Tgt Ion: 117 Resp: 517110
Ion Ratio Lower Upper
117 100
82 54.9 45.4 68.2
119 32.7 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047181.D

Acq: 30 Jul 2025 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBL01

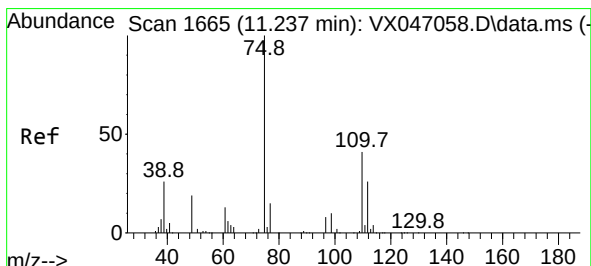
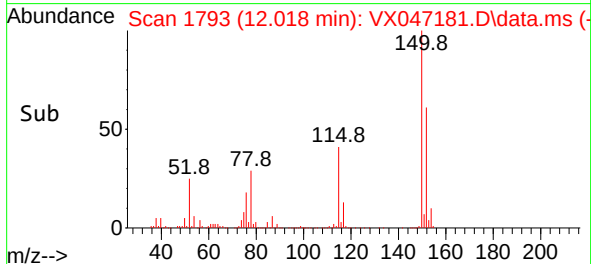
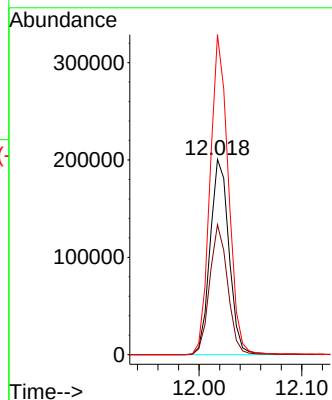
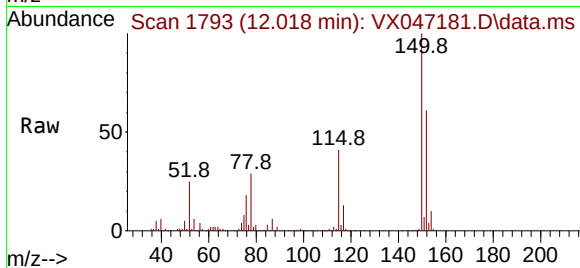
Tgt Ion:152 Resp: 255739

Ion Ratio Lower Upper

152 100

115 63.9 45.6 136.7

150 159.3 0.0 354.6



#76

1,2,3-Trichloropropane

Concen: 27.853 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX047181.D

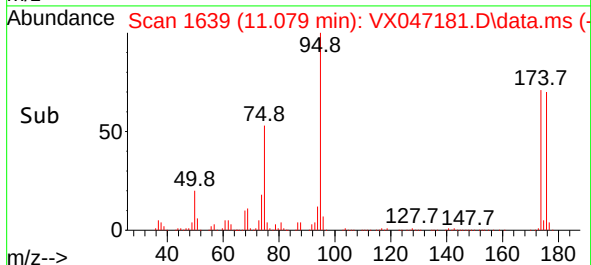
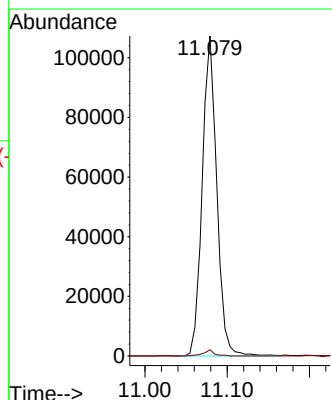
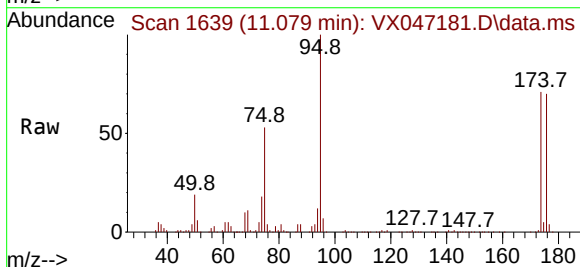
Acq: 30 Jul 2025 12:44

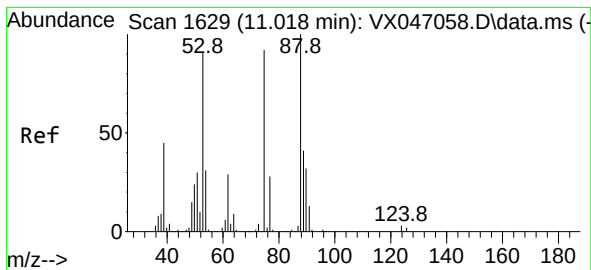
Tgt Ion: 75 Resp: 131843

Ion Ratio Lower Upper

75 100

77 1.4 21.6 65.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.759 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX047181.D
 Acq: 30 Jul 2025 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBL01

Tgt Ion: 75 Resp: 131843
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.2 126.4#
 89 0.0 36.0 54.0#

