

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044877.D
 Acq On : 10 Feb 2025 14:06
 Operator : JC/MD
 Sample : VX0210WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 11 06:03:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

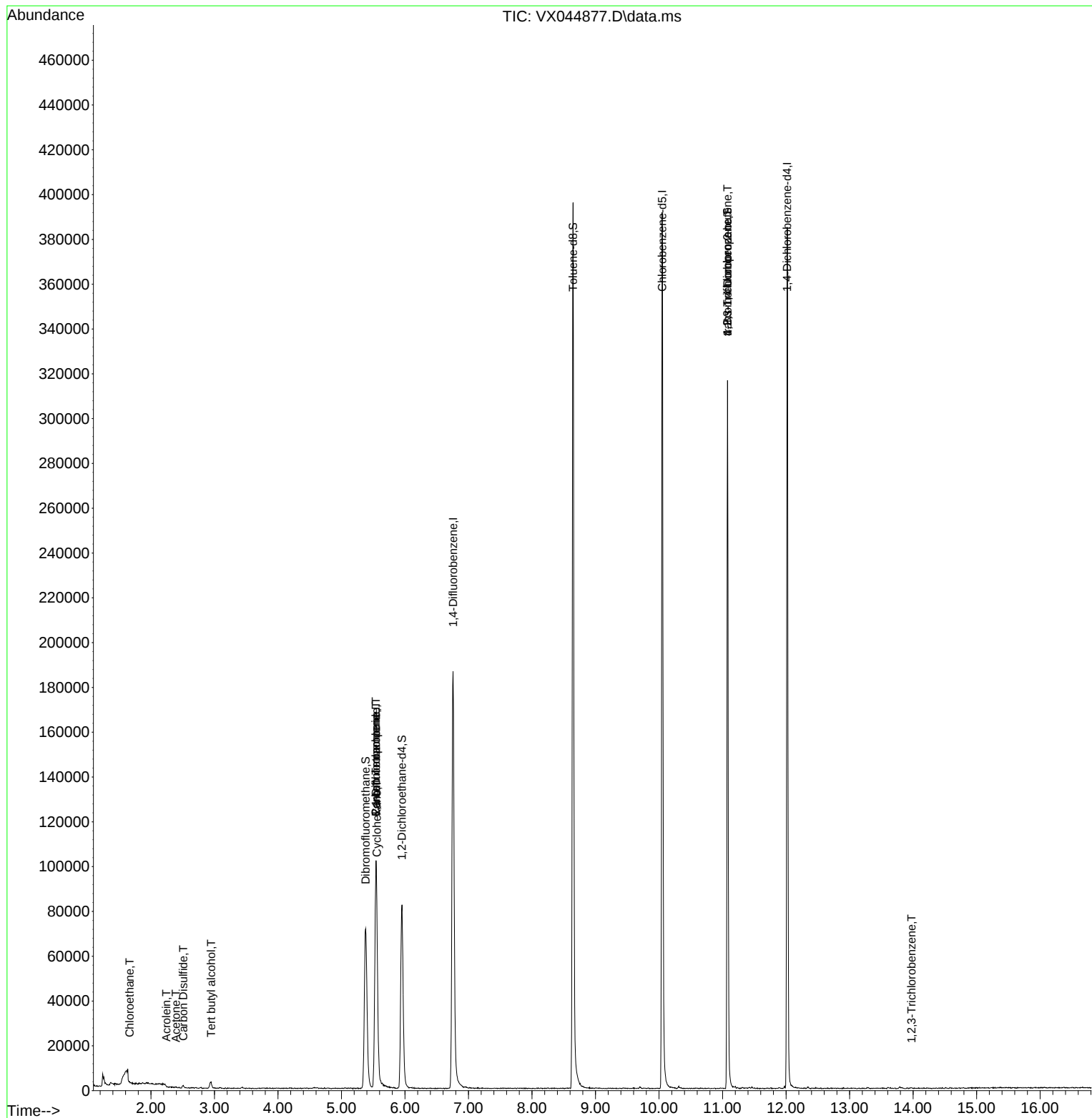
Internal Standards						
1) Pentafluorobenzene	5.544	168	95840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	200206	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	182254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77815	55.466	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.940%	
35) Dibromofluoromethane	5.379	113	64882	49.845	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.700%	
50) Toluene-d8	8.647	98	248550	50.496	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.000%	
62) 4-Bromofluorobenzene	11.079	95	84896	51.162	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.320%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.666	64	211	1.616	ug/l #	42
11) Tert butyl alcohol	2.947	59	1486	5.710	ug/l #	78
13) Acrolein	2.239	56	72	0.268	ug/l #	74
16) Acetone	2.392	43	435	0.771	ug/l #	42
17) Carbon Disulfide	2.508	76	1545	0.456	ug/l	100
31) Cyclohexane	5.556	56	2271	1.042	ug/l #	27
36) 1,1-Dichloropropene	5.544	75	8768	4.669	ug/l #	50
38) Carbon Tetrachloride	5.544	117	10296	5.595	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	44241	26.011	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	44241	66.909	ug/l #	11
96) 1,2,3-Trichlorobenzene	13.975	180	321	0.208	ug/l #	58

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 11 06:03:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

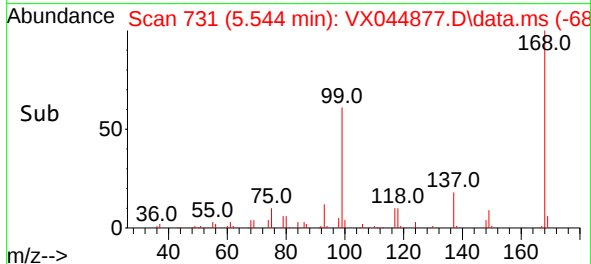
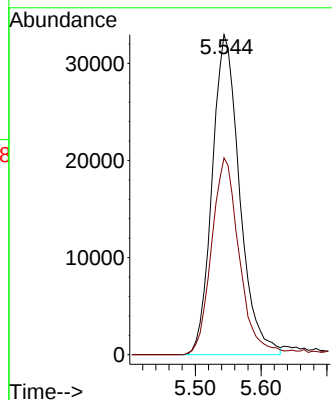
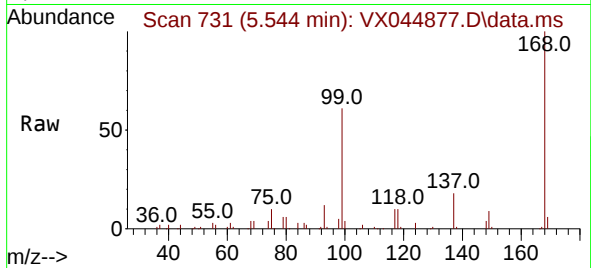




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044877.D
Acq: 10 Feb 2025 14:06

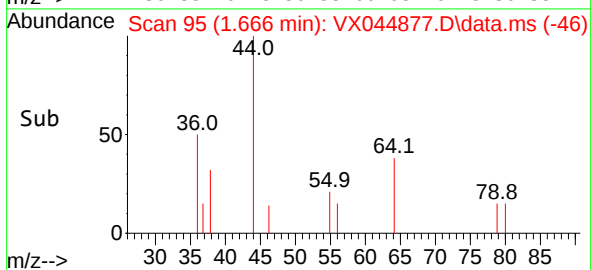
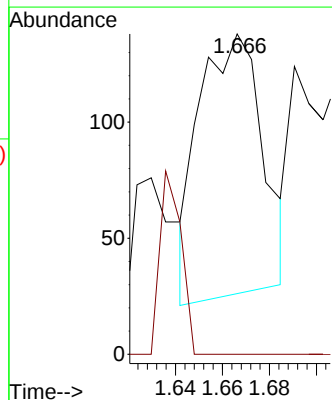
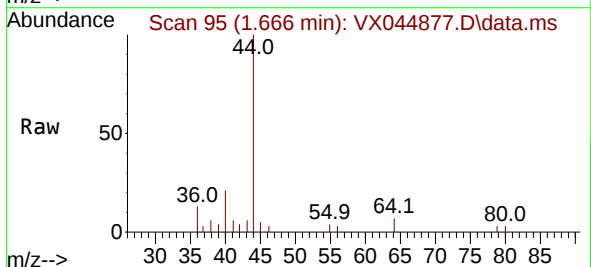
Instrument :
MSVOA_X
ClientSampleId :

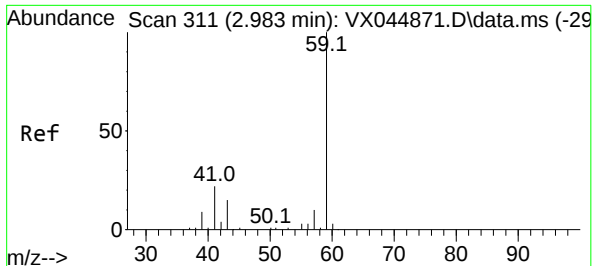
Tgt Ion:168 Resp: 95840
Ion Ratio Lower Upper
168 100
99 61.5 51.2 76.8



#6
Chloroethane
Concen: 1.616 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044877.D
Acq: 10 Feb 2025 14:06

Tgt Ion: 64 Resp: 211
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 5.710 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.036 min

Lab File: VX044877.D

Acq: 10 Feb 2025 14:06

Instrument :

MSVOA_X

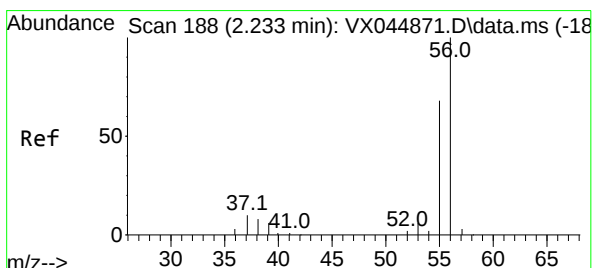
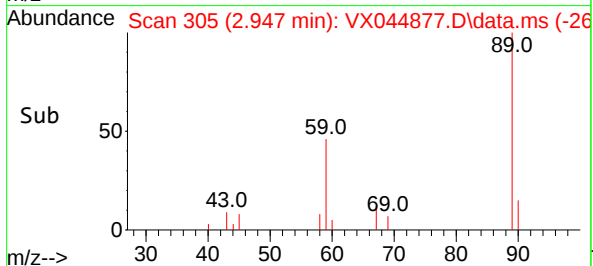
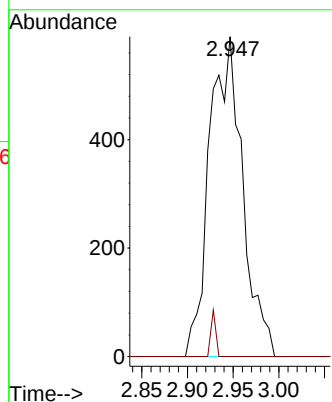
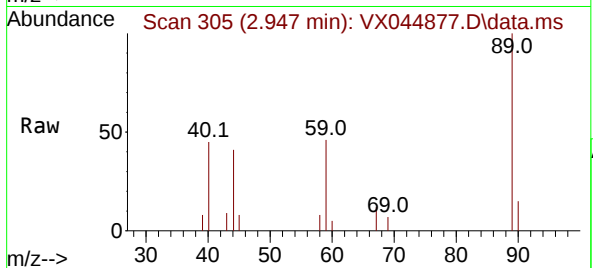
ClientSampleId :

Tgt Ion: 59 Resp: 1486

Ion Ratio Lower Upper

59 100

57 2.1 8.1 12.1#



#13

Acrolein

Concen: 0.268 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX044877.D

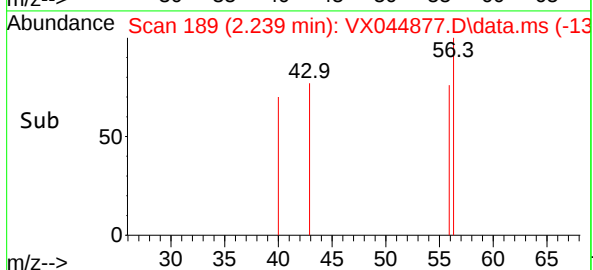
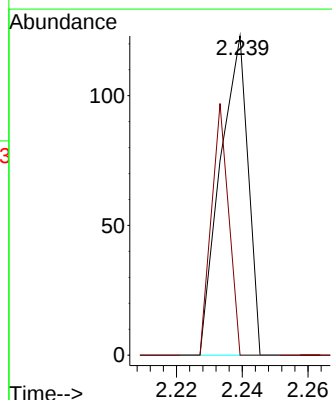
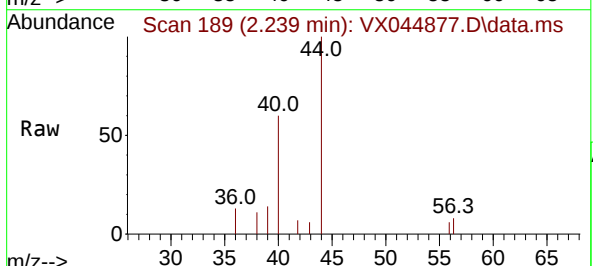
Acq: 10 Feb 2025 14:06

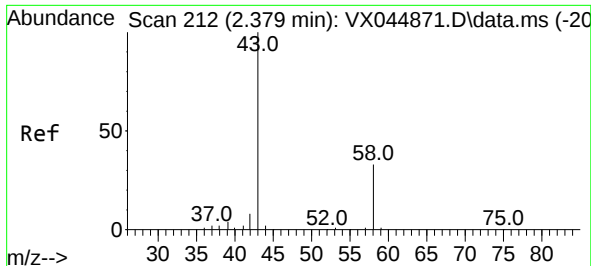
Tgt Ion: 56 Resp: 72

Ion Ratio Lower Upper

56 100

55 48.6 55.7 83.5#

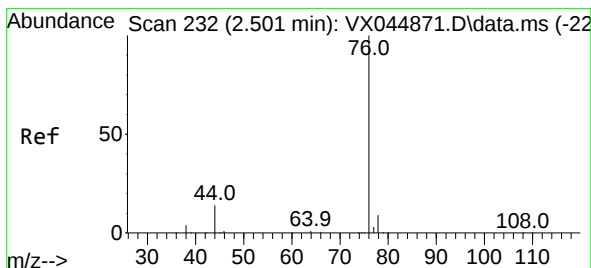
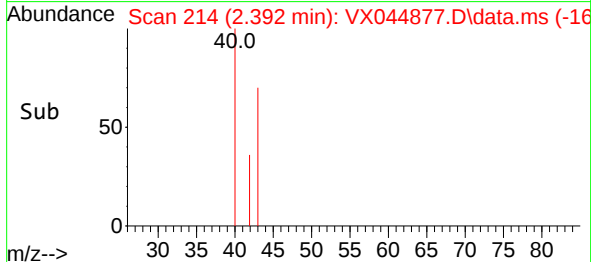
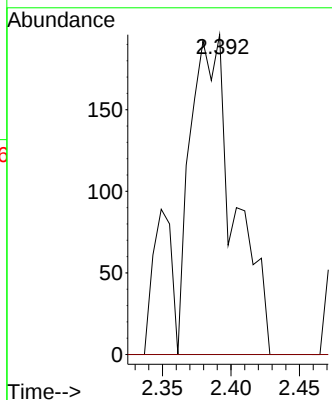
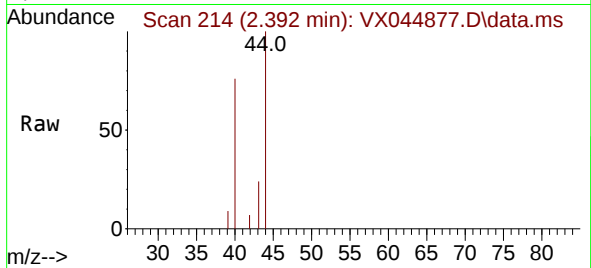




#16
Acetone
Concen: 0.771 ug/l
RT: 2.392 min Scan# 212
Delta R.T. 0.012 min
Lab File: VX044877.D
Acq: 10 Feb 2025 14:06

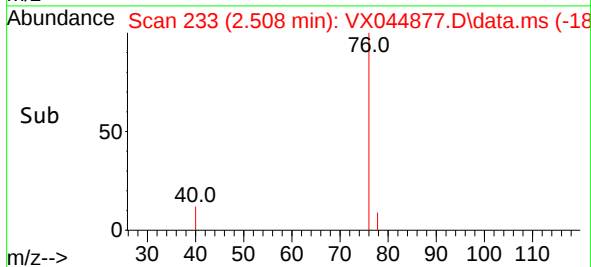
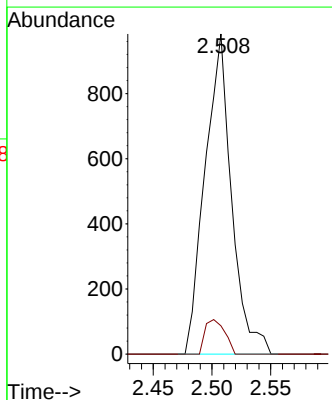
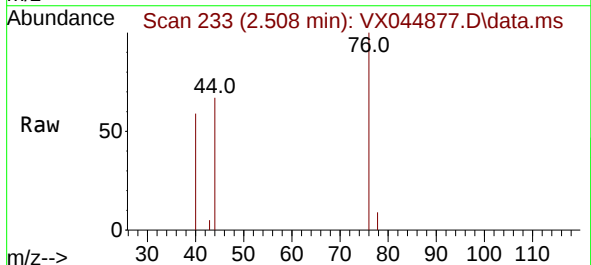
Instrument :
MSVOA_X
ClientSampleId :

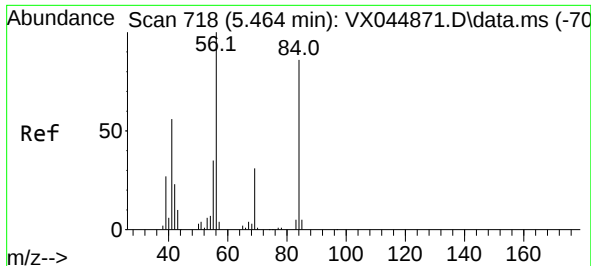
Tgt Ion: 43 Resp: 435
Ion Ratio Lower Upper
43 100
58 0.0 26.5 39.7#



#17
Carbon Disulfide
Concen: 0.456 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX044877.D
Acq: 10 Feb 2025 14:06

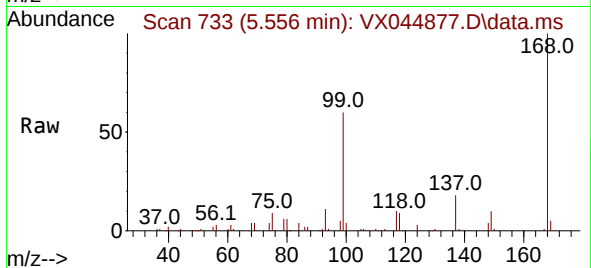
Tgt Ion: 76 Resp: 1545
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



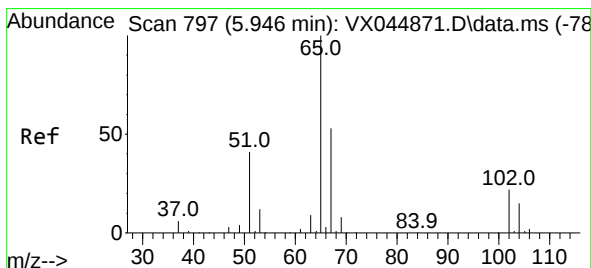
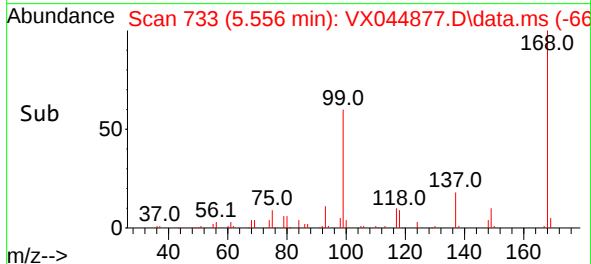
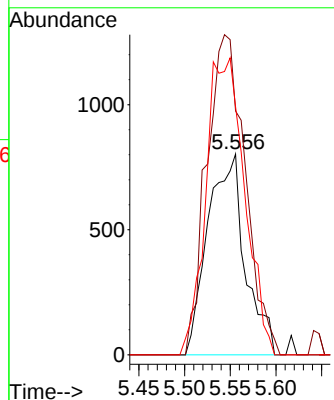


#31
Cyclohexane
Concen: 1.042 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX044877.D
Acq: 10 Feb 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :

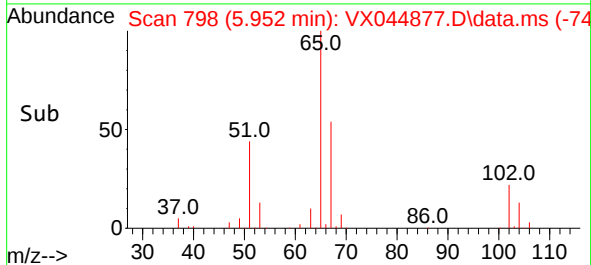
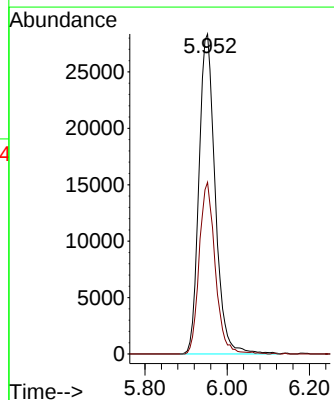
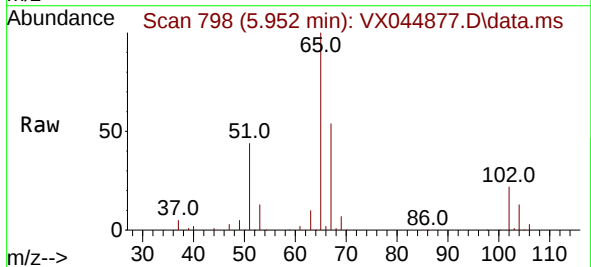


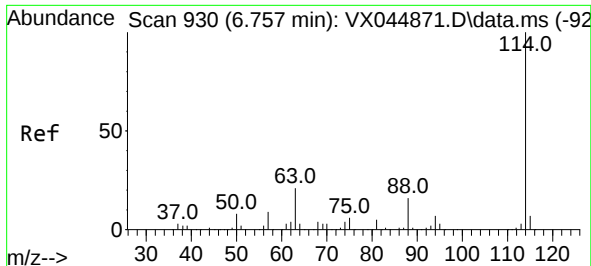
Tgt Ion: 56 Resp: 2271
Ion Ratio Lower Upper
56 100
69 121.4 24.4 36.6#
84 123.5 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 55.466 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044877.D
Acq: 10 Feb 2025 14:06

Tgt Ion: 65 Resp: 77815
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.2

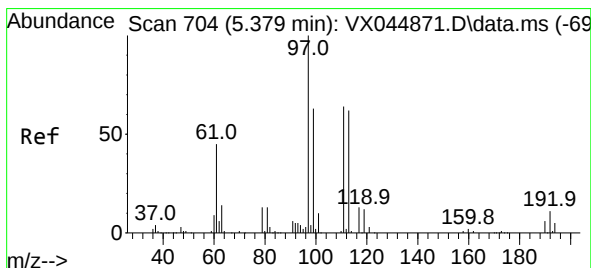
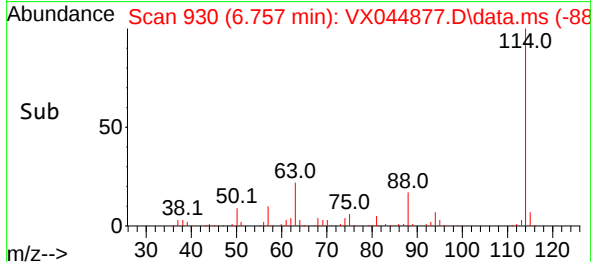
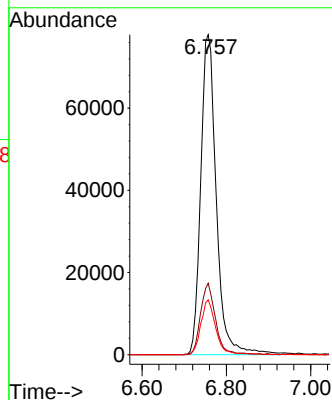
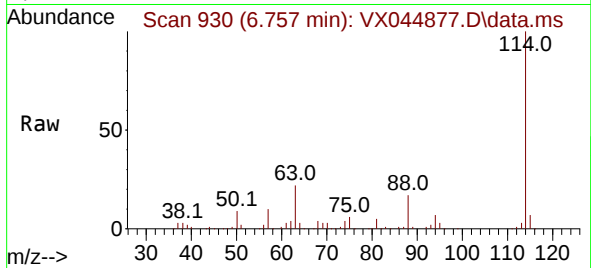




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX044877.D
 Acq: 10 Feb 2025 14:06

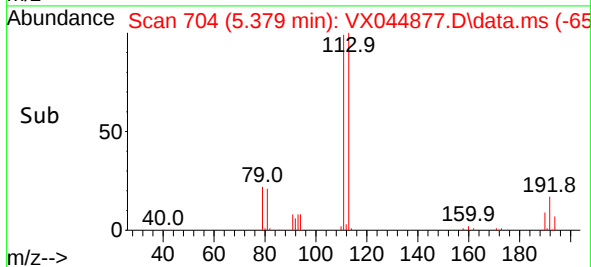
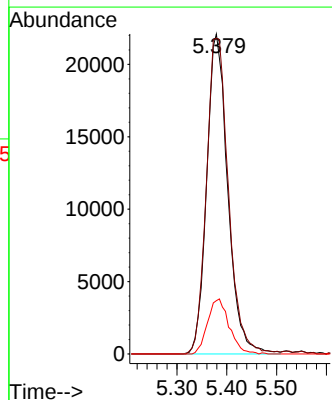
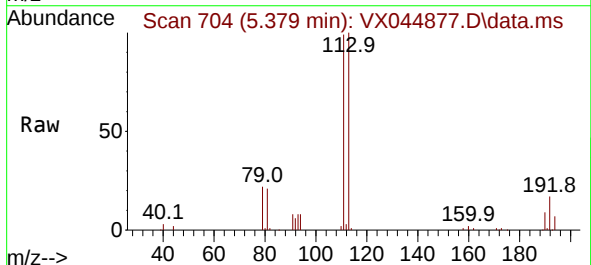
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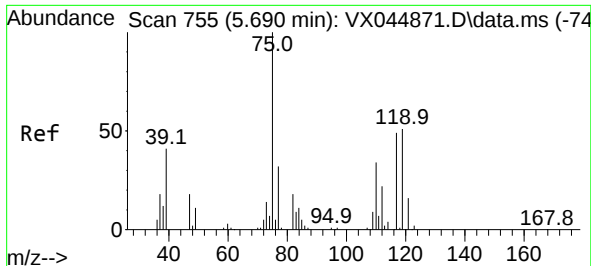
Tgt Ion:114 Resp: 200206
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 42.4
 88 17.2 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 49.845 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX044877.D
 Acq: 10 Feb 2025 14:06

Tgt Ion:113 Resp: 64882
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.5 125.3
 192 17.6 14.4 21.6





#36

1,1-Dichloropropene

Concen: 4.669 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

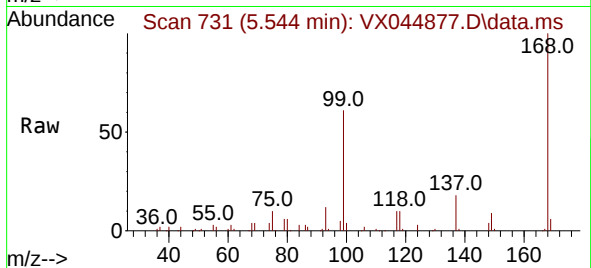
Lab File: VX044877.D

Acq: 10 Feb 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :



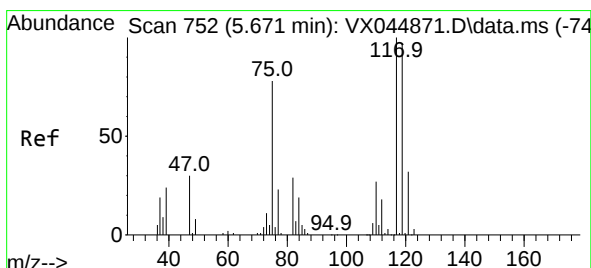
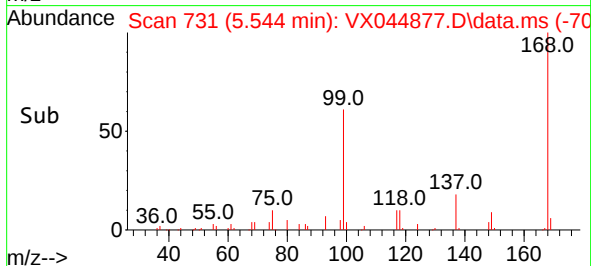
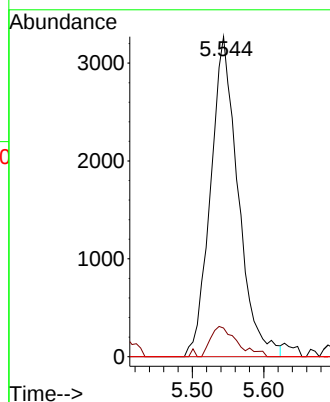
Tgt Ion: 75 Resp: 8768

Ion Ratio Lower Upper

75 100

110 9.0 17.2 51.6#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.595 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX044877.D

Acq: 10 Feb 2025 14:06

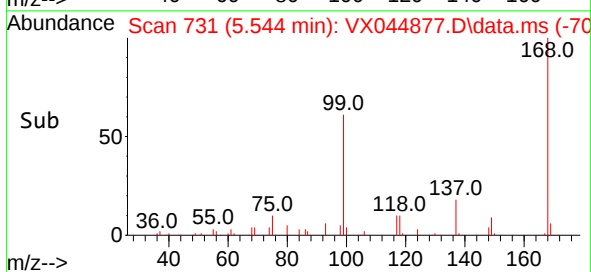
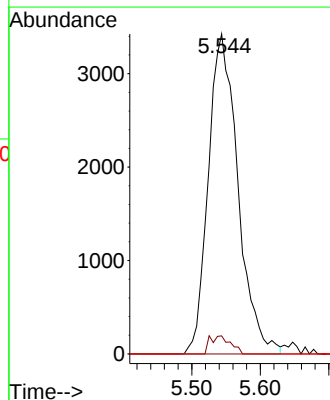
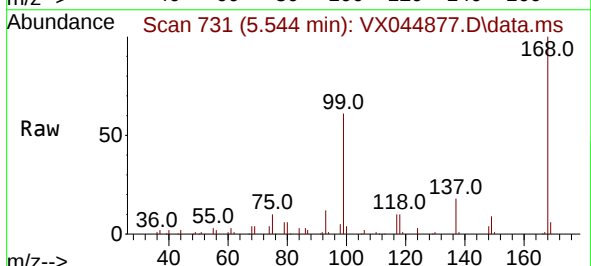
Tgt Ion: 117 Resp: 10296

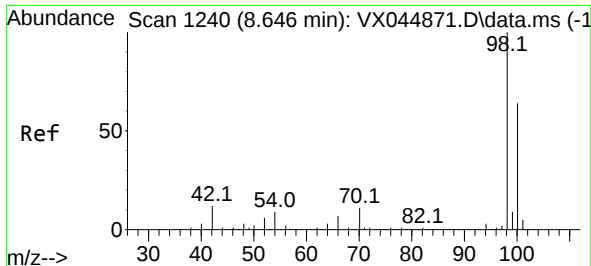
Ion Ratio Lower Upper

117 100

119 5.6 77.5 116.3#

121 0.0 25.6 38.4#

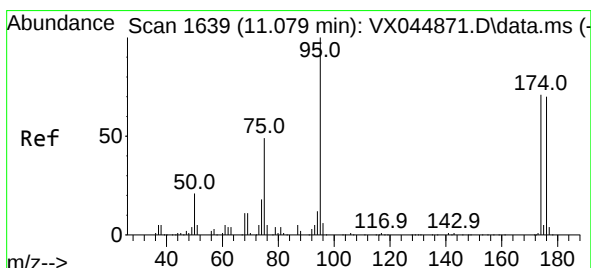
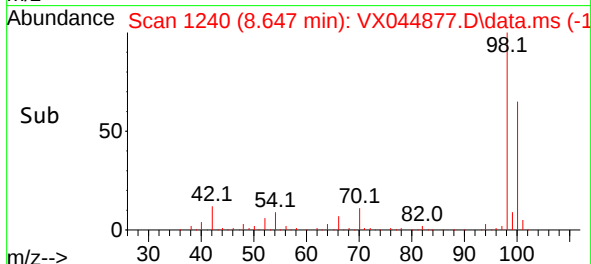
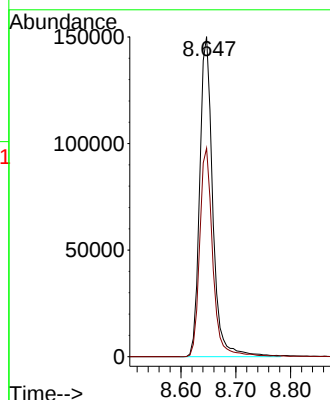
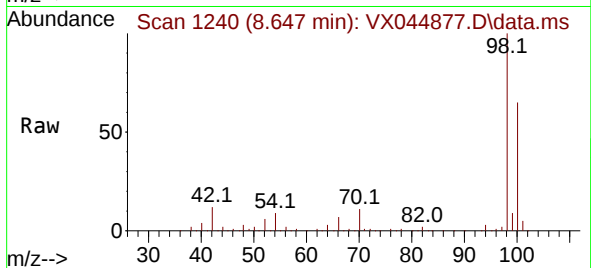




#50
Toluene-d8
Concen: 50.496 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044877.D
Acq: 10 Feb 2025 14:06

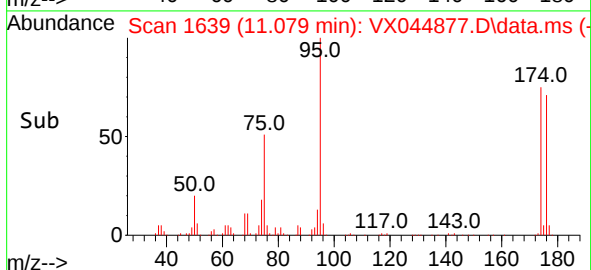
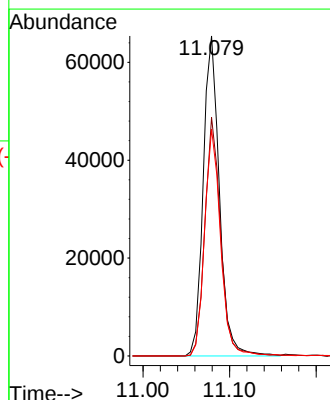
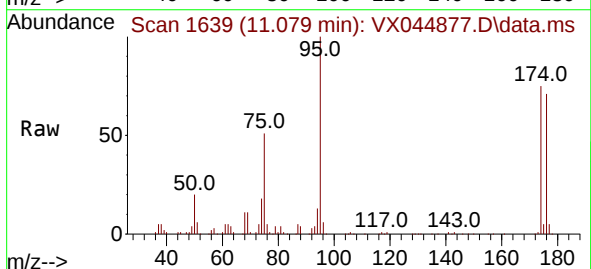
Instrument :
MSVOA_X
ClientSampleId :

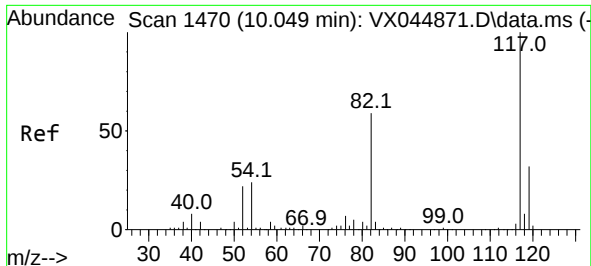
Tgt Ion: 98 Resp: 248550
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 51.162 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044877.D
Acq: 10 Feb 2025 14:06

Tgt Ion: 95 Resp: 84896
Ion Ratio Lower Upper
95 100
174 72.9 0.0 142.6
176 70.3 0.0 141.6

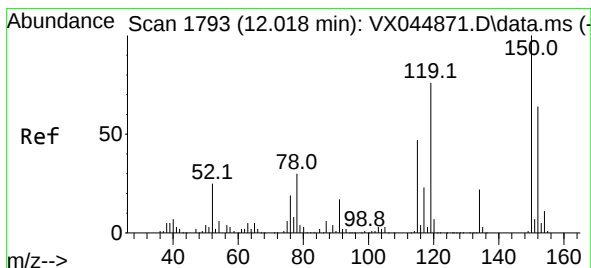
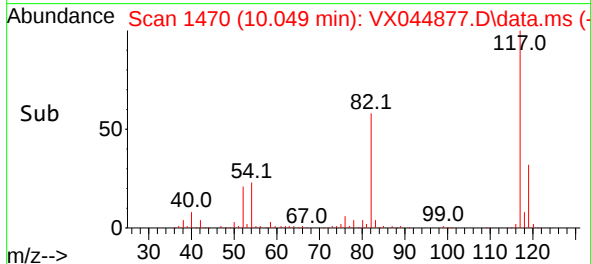
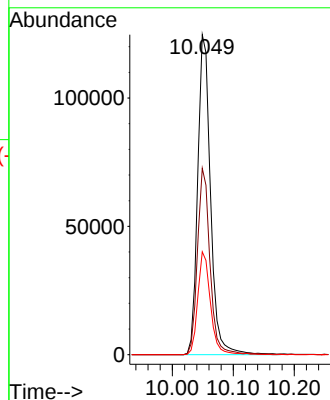
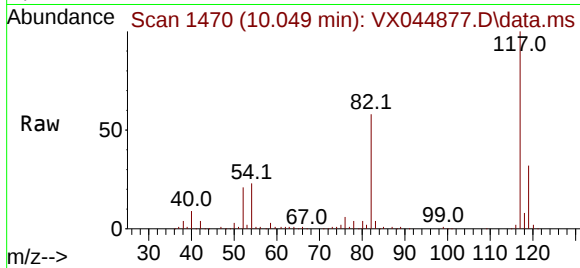




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044877.D
Acq: 10 Feb 2025 14:06

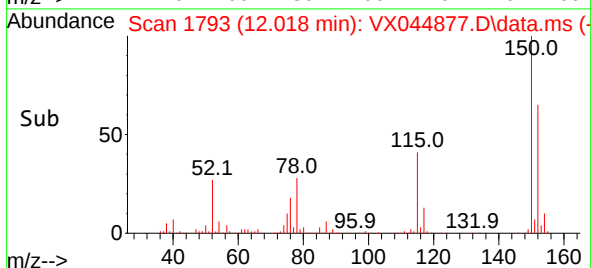
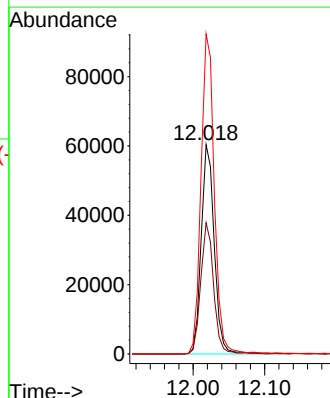
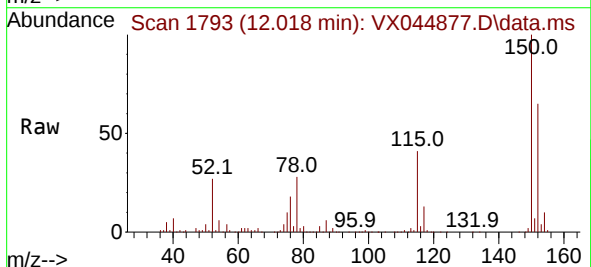
Instrument :
MSVOA_X
ClientSampleId :

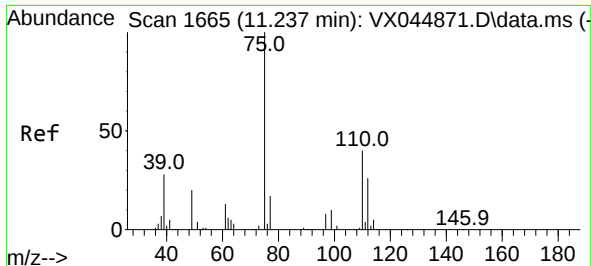
Tgt Ion:117 Resp: 182254
Ion Ratio Lower Upper
117 100
82 58.2 47.5 71.3
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044877.D
Acq: 10 Feb 2025 14:06

Tgt Ion:152 Resp: 76715
Ion Ratio Lower Upper
152 100
115 61.6 43.4 130.1
150 155.4 0.0 350.4

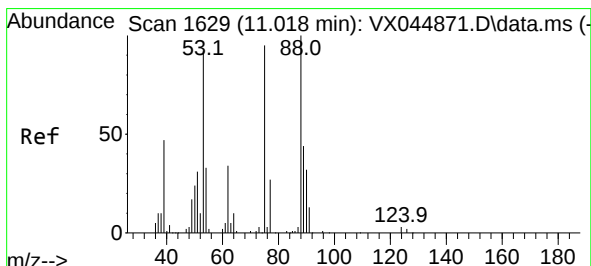
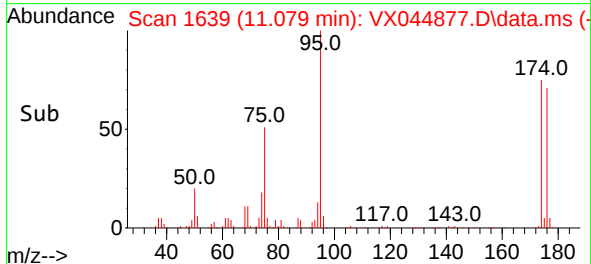
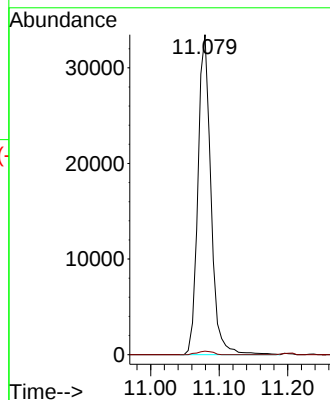
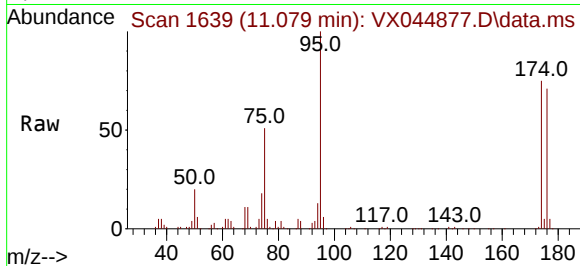




#76
1,2,3-Trichloropropane
Concen: 26.011 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044877.D
Acq: 10 Feb 2025 14:06

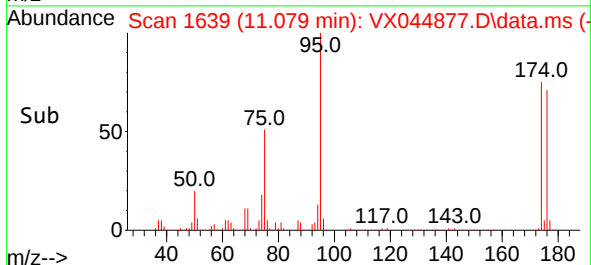
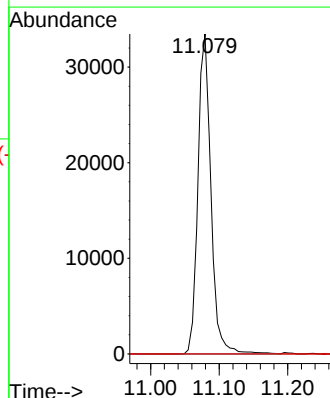
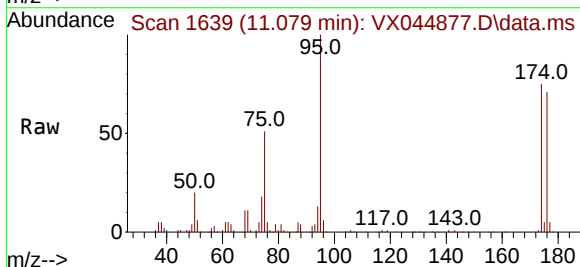
Instrument :
MSVOA_X
ClientSampleId :

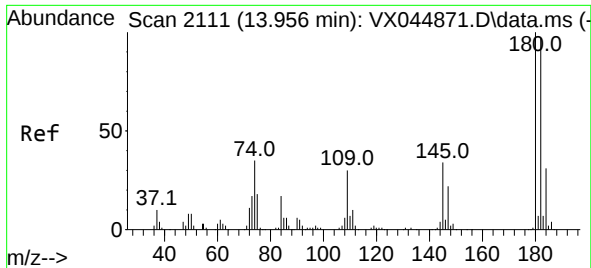
Tgt Ion: 75 Resp: 44241
Ion Ratio Lower Upper
75 100
77 1.3 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.909 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044877.D
Acq: 10 Feb 2025 14:06

Tgt Ion: 75 Resp: 44241
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#





#96

1,2,3-Trichlorobenzene

Concen: 0.208 ug/l

RT: 13.975 min Scan# 21

Delta R.T. 0.019 min

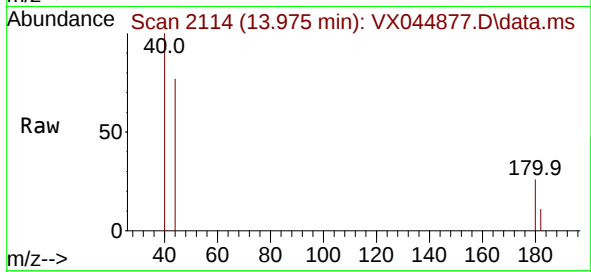
Lab File: VX044877.D

Acq: 10 Feb 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 321

Ion Ratio Lower Upper

180 100

182 61.4 47.9 143.6

145 0.0 17.1 51.3#

