

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044903.D
 Acq On : 11 Feb 2025 14:06
 Operator : JC/MD
 Sample : Q1283-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 12 02:42:08 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)

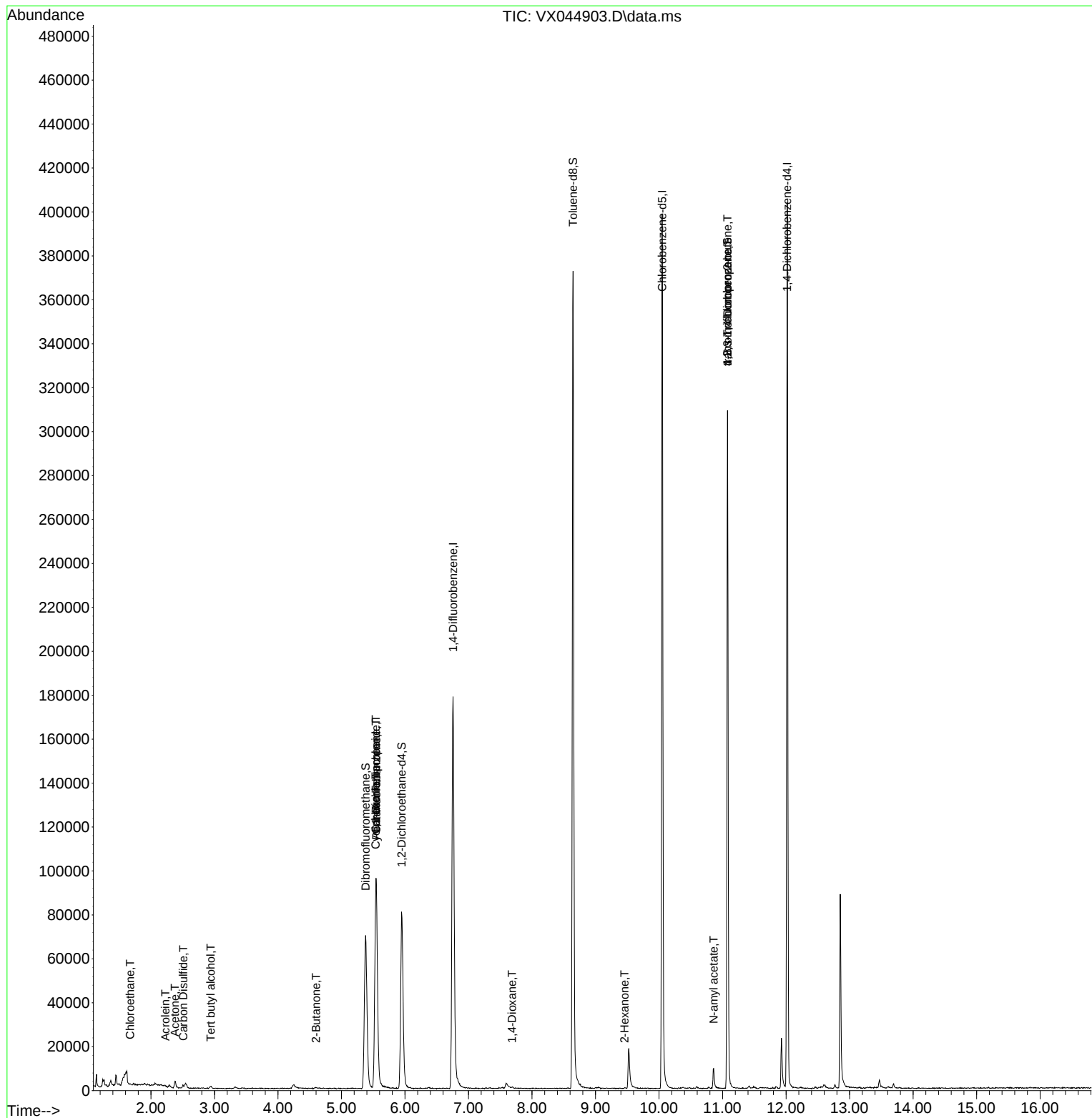
Internal Standards						
1) Pentafluorobenzene	5.550	168	92053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	188552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	173671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	73292	54.392	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.780%	
35) Dibromofluoromethane	5.379	113	61697	50.328	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.660%	
50) Toluene-d8	8.647	98	234124	50.505	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.020%	
62) 4-Bromofluorobenzene	11.079	95	83740	53.584	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.160%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	137	1.527	ug/l #	42
11) Tert butyl alcohol	2.940	59	450	1.800	ug/l #	73
13) Acrolein	2.227	56	130	0.504	ug/l #	52
16) Acetone	2.380	43	3617	6.677	ug/l	96
17) Carbon Disulfide	2.508	76	1460	0.449	ug/l	99
25) 2-Butanone	4.599	43	401	0.456	ug/l #	48
31) Cyclohexane	5.538	56	2435	1.164	ug/l #	15
36) 1,1-Dichloropropene	5.544	75	8138	4.601	ug/l #	49
38) Carbon Tetrachloride	5.544	117	9578	5.526	ug/l #	16
49) 1,4-Dioxane	7.684	88	324	10.082	ug/l #	41
59) 2-Hexanone	9.458	43	370	0.266	ug/l	66
74) N-amyl acetate	10.860	43	1628	0.579	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43315	25.324	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	43315	65.144	ug/l #	11

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
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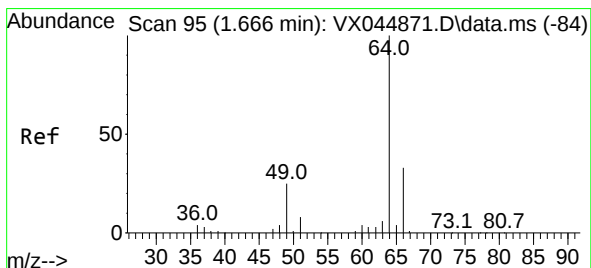
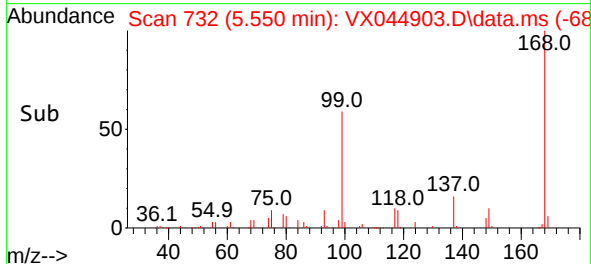
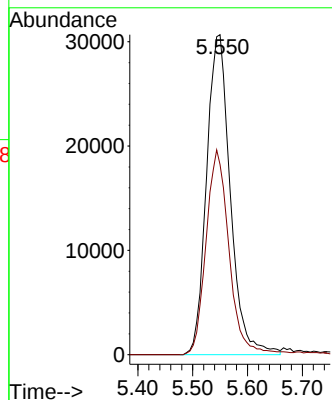
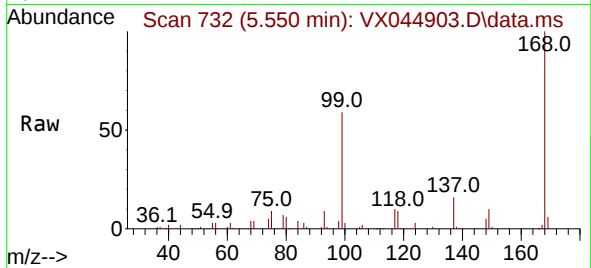




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX044903.D
Acq: 11 Feb 2025 14:06

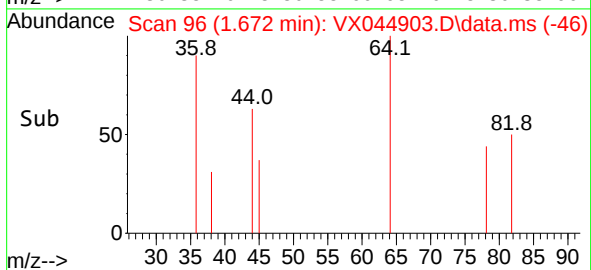
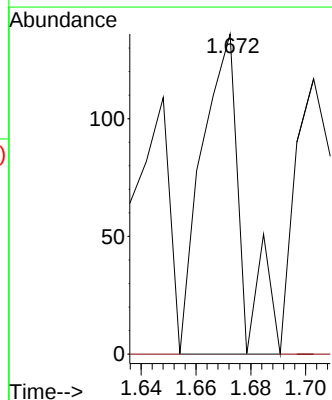
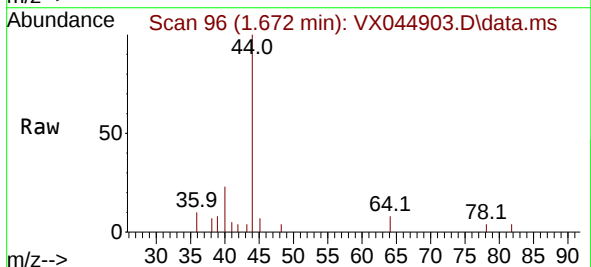
Instrument :
MSVOA_X
ClientSampleId :

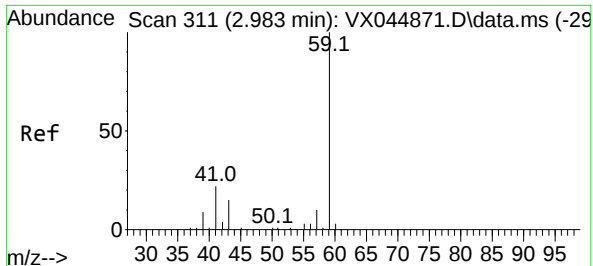
Tgt Ion:168 Resp: 92053
Ion Ratio Lower Upper
168 100
99 59.4 51.2 76.8



#6
Chloroethane
Concen: 1.527 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX044903.D
Acq: 11 Feb 2025 14:06

Tgt Ion: 64 Resp: 137
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 1.800 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.042 min

Lab File: VX044903.D

Acq: 11 Feb 2025 14:06

Instrument :

MSVOA_X

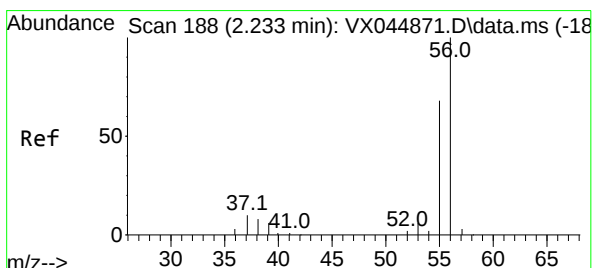
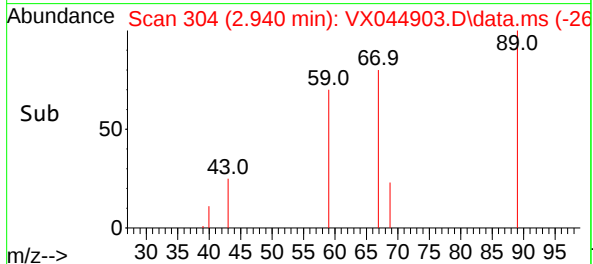
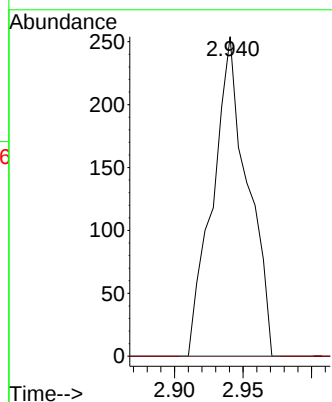
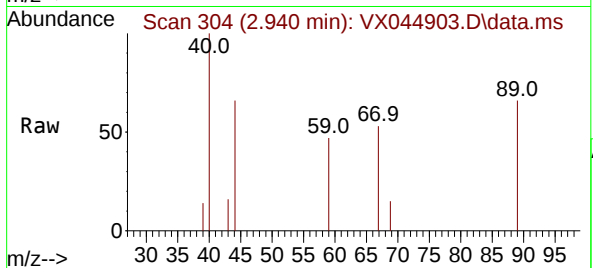
ClientSampleId :

Tgt Ion: 59 Resp: 450

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 0.504 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.006 min

Lab File: VX044903.D

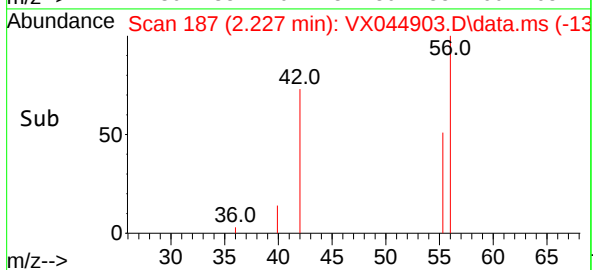
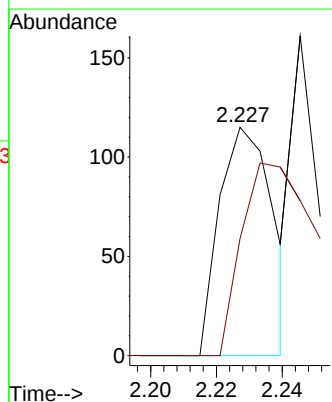
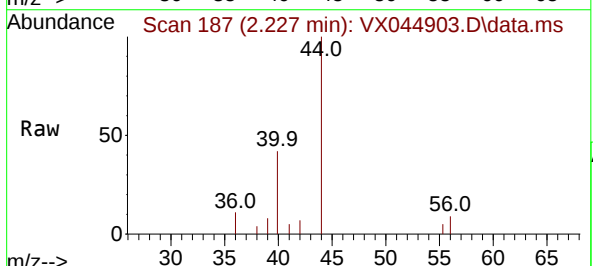
Acq: 11 Feb 2025 14:06

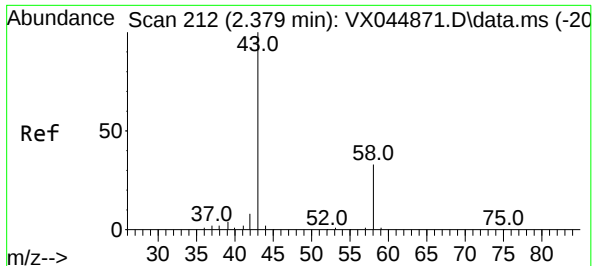
Tgt Ion: 56 Resp: 130

Ion Ratio Lower Upper

56 100

55 109.2 55.7 83.5#

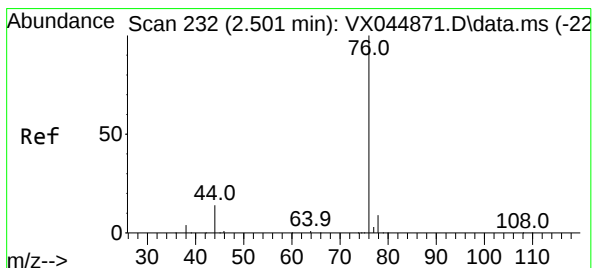
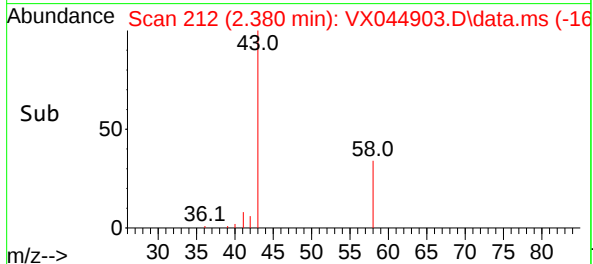
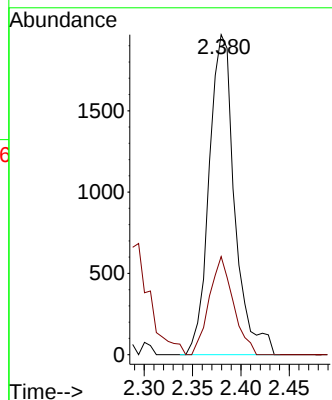
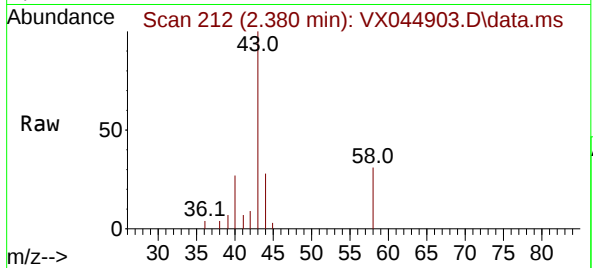




#16
Acetone
Concen: 6.677 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044903.D
Acq: 11 Feb 2025 14:06

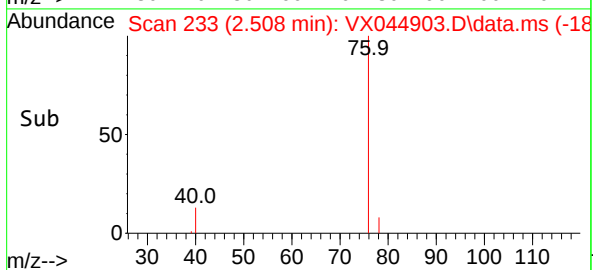
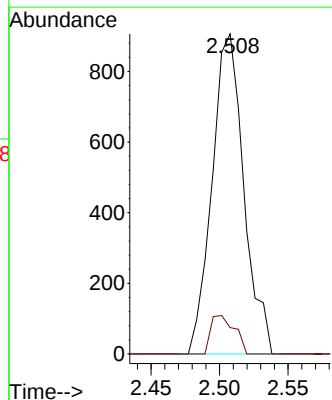
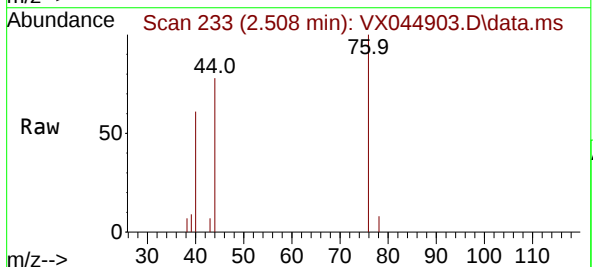
Instrument :
MSVOA_X
ClientSampleId :

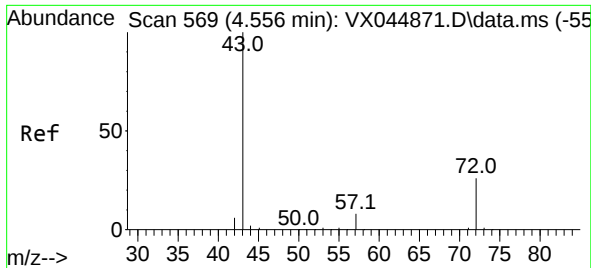
Tgt Ion: 43 Resp: 3617
Ion Ratio Lower Upper
43 100
58 30.6 26.5 39.7



#17
Carbon Disulfide
Concen: 0.449 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX044903.D
Acq: 11 Feb 2025 14:06

Tgt Ion: 76 Resp: 1460
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.4

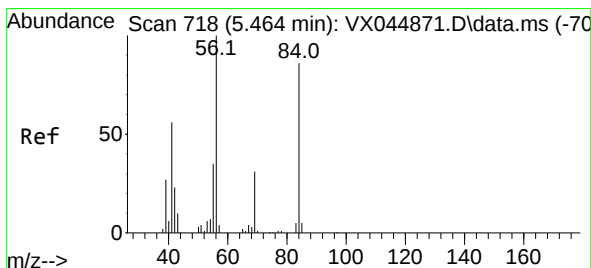
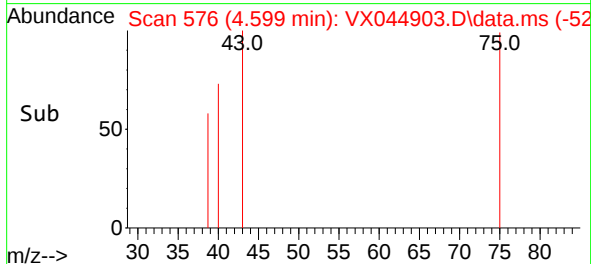
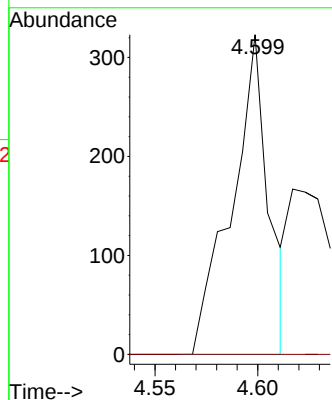
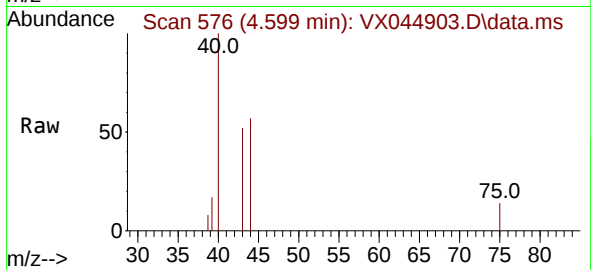




#25
2-Butanone
Concen: 0.456 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX044903.D
Acq: 11 Feb 2025 14:06

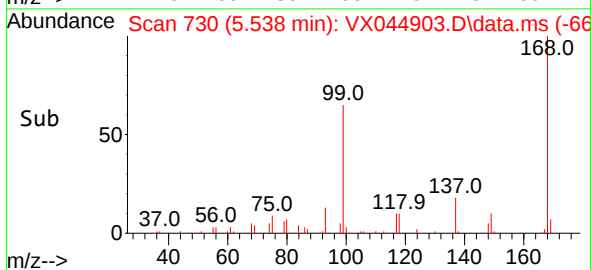
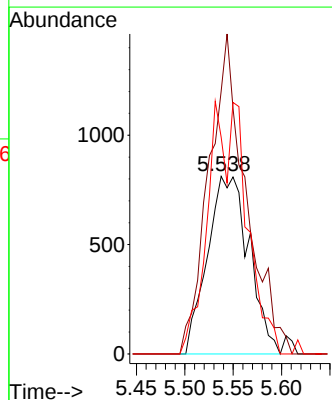
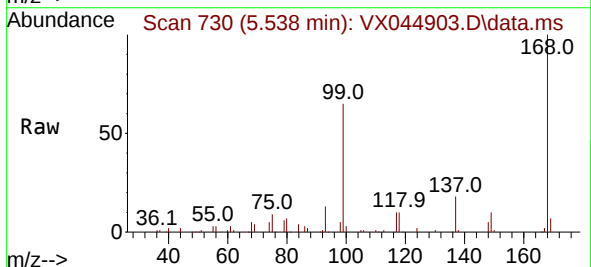
Instrument :
MSVOA_X
ClientSampleId :

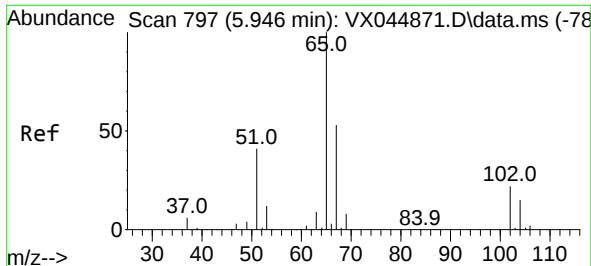
Tgt Ion: 43 Resp: 401
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#



#31
Cyclohexane
Concen: 1.164 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX044903.D
Acq: 11 Feb 2025 14:06

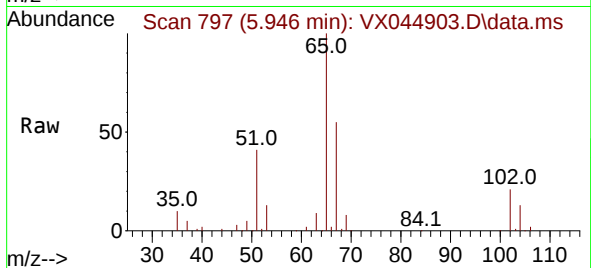
Tgt Ion: 56 Resp: 2435
Ion Ratio Lower Upper
56 100
69 147.9 24.4 36.6#
84 122.0 69.0 103.6#



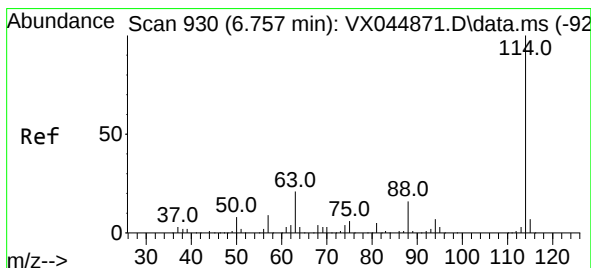
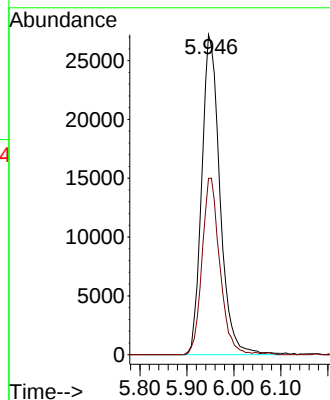
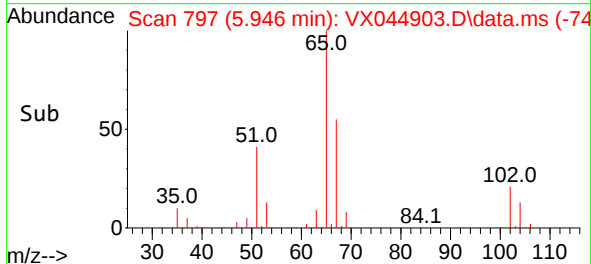


#33
 1,2-Dichloroethane-d4
 Concen: 54.392 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. 0.000 min
 Lab File: VX044903.D
 Acq: 11 Feb 2025 14:06

Instrument :
 MSVOA_X
 ClientSampleId :

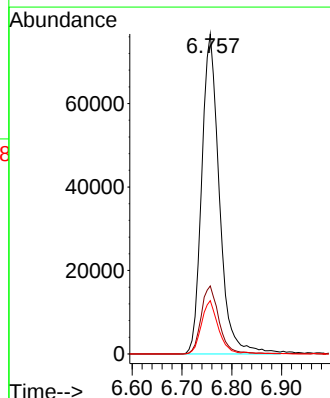
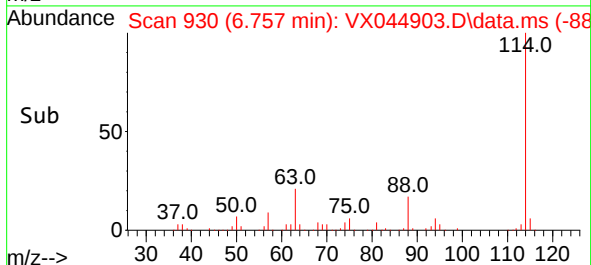
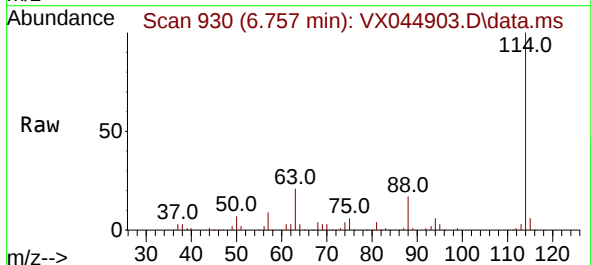


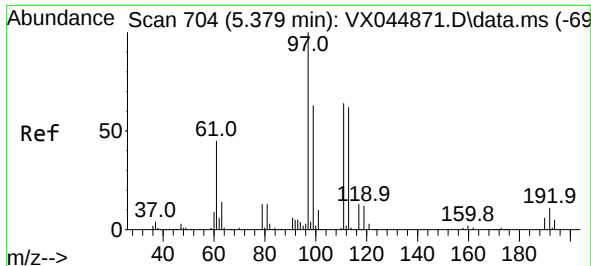
Tgt Ion: 65 Resp: 73292
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044903.D
 Acq: 11 Feb 2025 14:06

Tgt Ion: 114 Resp: 188552
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.4
 88 16.6 0.0 31.4

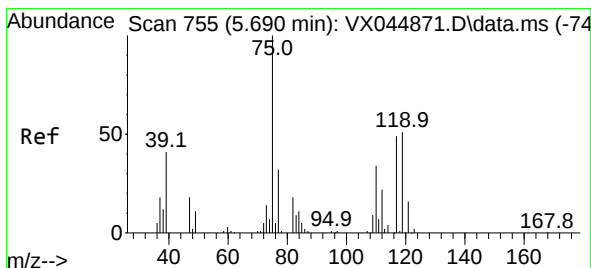
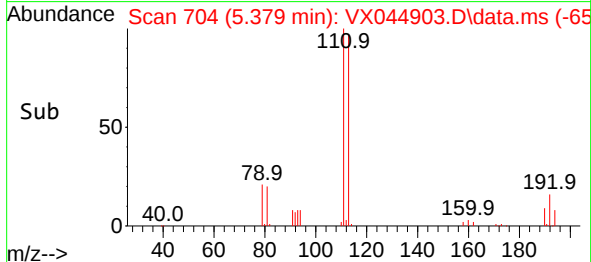
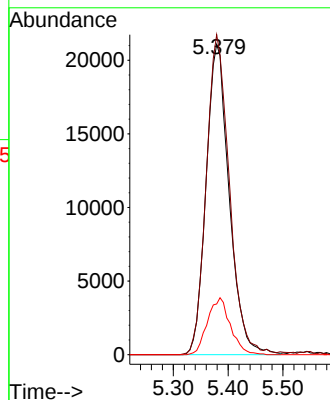
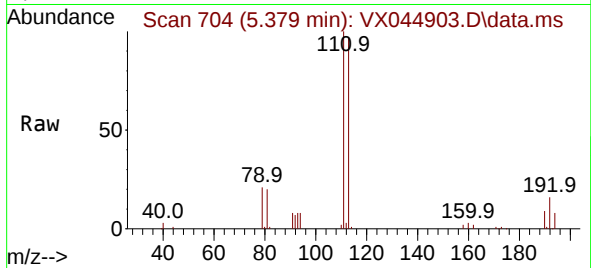




#35
Dibromofluoromethane
Concen: 50.328 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044903.D
Acq: 11 Feb 2025 14:06

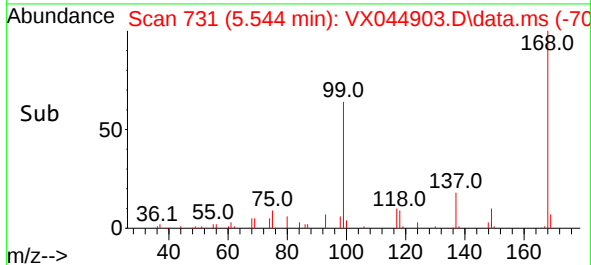
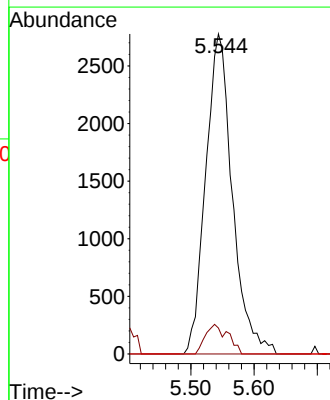
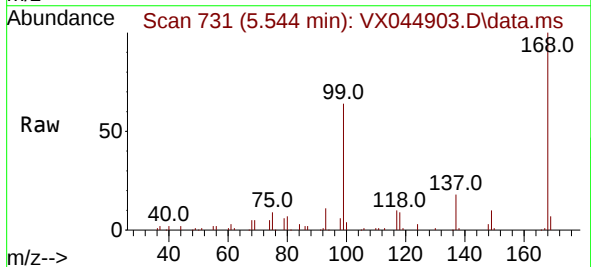
Instrument :
MSVOA_X
ClientSampleId :

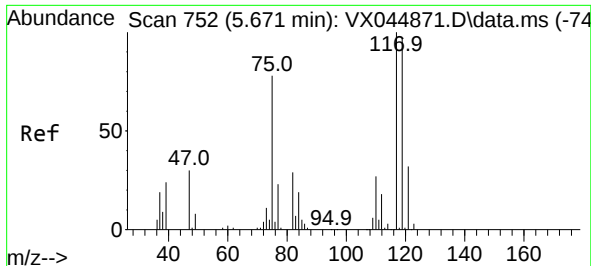
Tgt Ion:113 Resp: 61697
Ion Ratio Lower Upper
113 100
111 103.1 83.5 125.3
192 18.2 14.4 21.6



#36
1,1-Dichloropropene
Concen: 4.601 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX044903.D
Acq: 11 Feb 2025 14:06

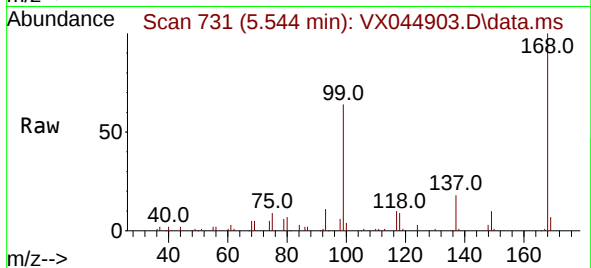
Tgt Ion: 75 Resp: 8138
Ion Ratio Lower Upper
75 100
110 7.8 17.2 51.6#
77 0.0 24.6 37.0#



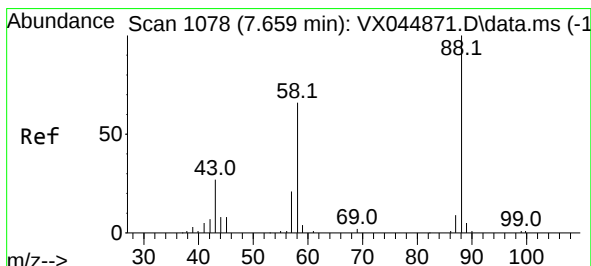
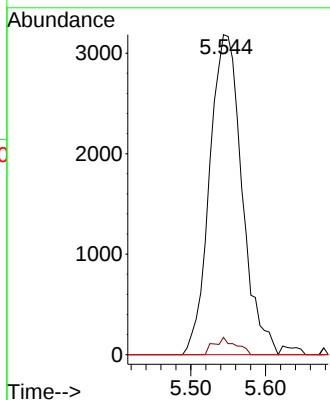
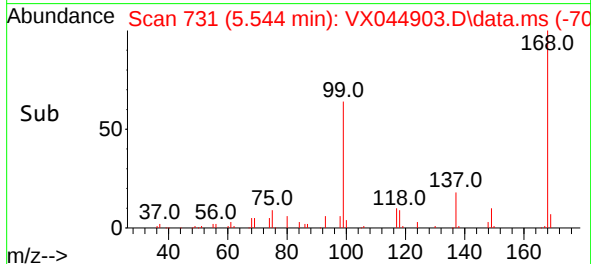


#38
Carbon Tetrachloride
Concen: 5.526 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044903.D
Acq: 11 Feb 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :

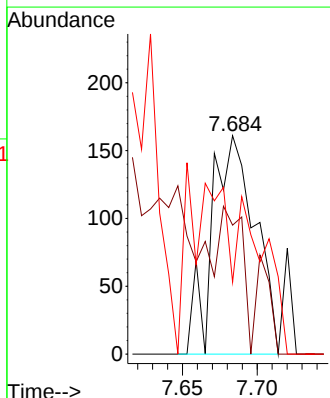
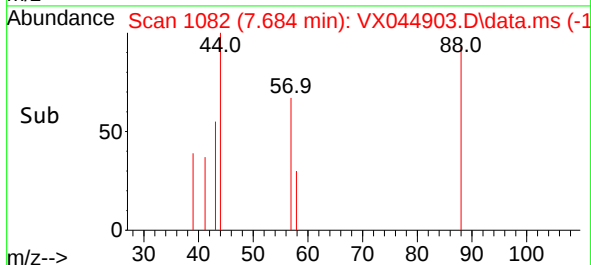
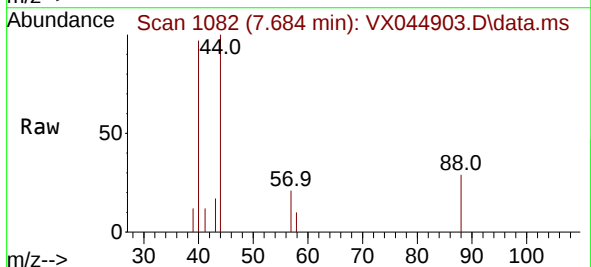


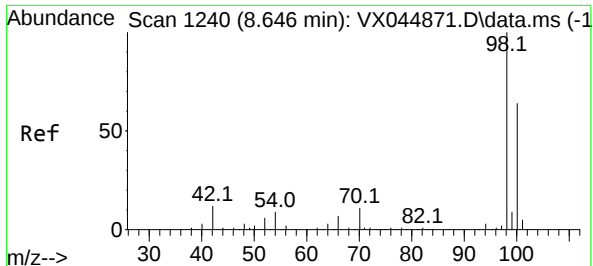
Tgt Ion:117 Resp: 9578
Ion Ratio Lower Upper
117 100
119 5.4 77.5 116.3#
121 0.0 25.6 38.4#



#49
1,4-Dioxane
Concen: 10.082 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.025 min
Lab File: VX044903.D
Acq: 11 Feb 2025 14:06

Tgt Ion: 88 Resp: 324
Ion Ratio Lower Upper
88 100
43 34.6 26.6 39.8
58 0.0 55.9 83.9#





#50

Toluene-d8

Concen: 50.505 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044903.D

Acq: 11 Feb 2025 14:06

Instrument :

MSVOA_X

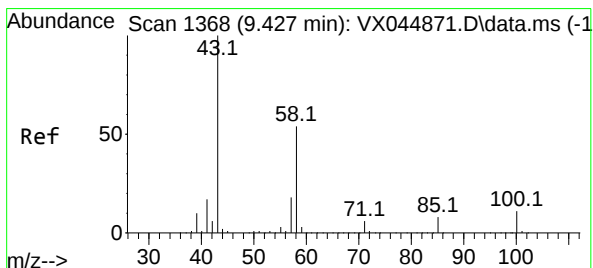
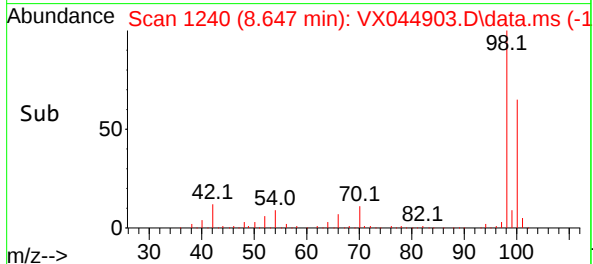
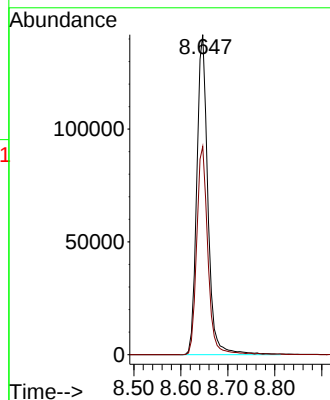
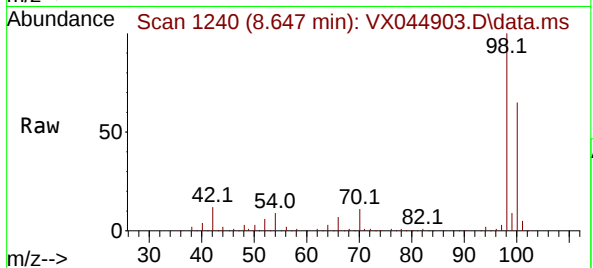
ClientSampleId :

Tgt Ion: 98 Resp: 234124

Ion Ratio Lower Upper

98 100

100 65.1 52.7 79.1



#59

2-Hexanone

Concen: 0.266 ug/l

RT: 9.458 min Scan# 1373

Delta R.T. 0.031 min

Lab File: VX044903.D

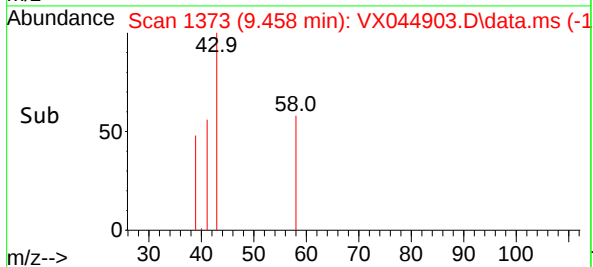
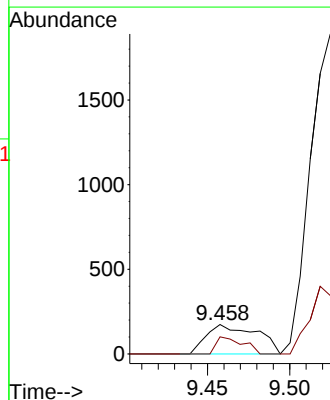
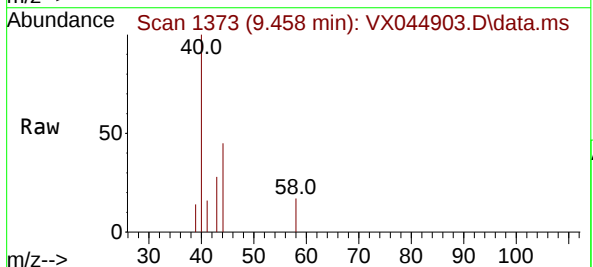
Acq: 11 Feb 2025 14:06

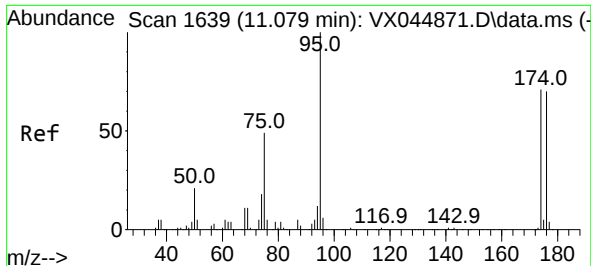
Tgt Ion: 43 Resp: 370

Ion Ratio Lower Upper

43 100

58 30.5 27.5 82.4

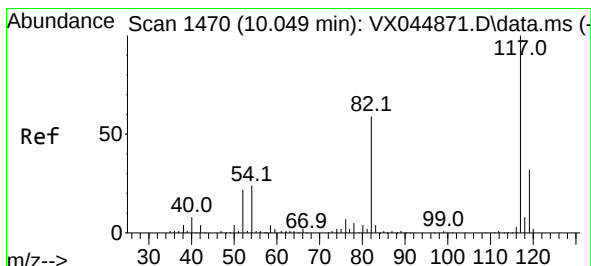
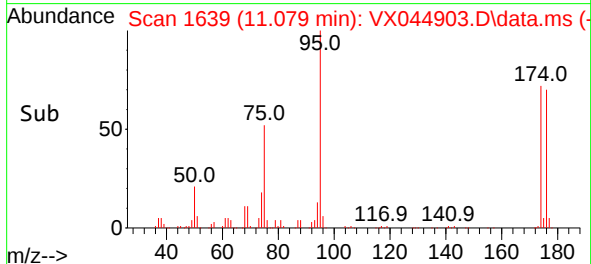
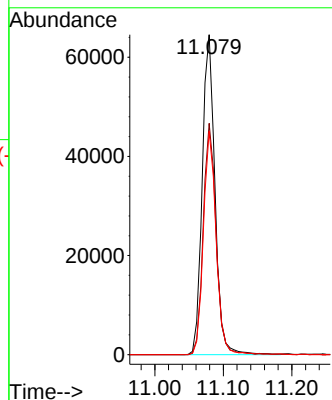
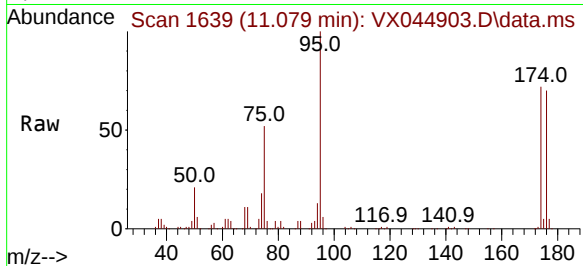




#62
4-Bromofluorobenzene
Concen: 53.584 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044903.D
Acq: 11 Feb 2025 14:06

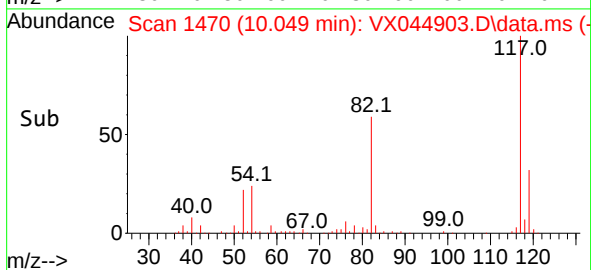
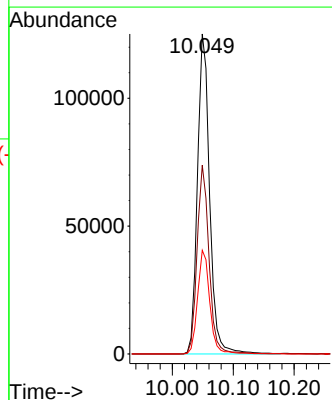
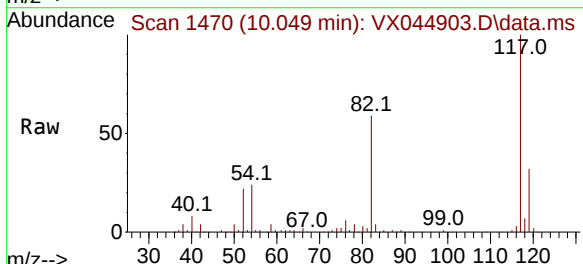
Instrument :
MSVOA_X
ClientSampleId :

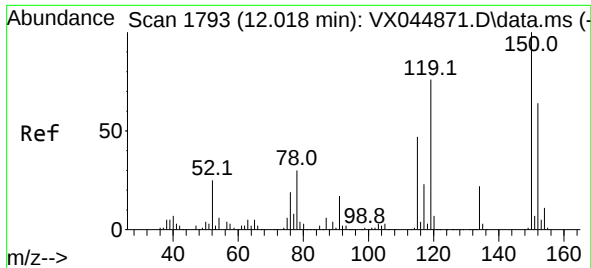
Tgt Ion: 95 Resp: 83740
Ion Ratio Lower Upper
95 100
174 72.9 0.0 142.6
176 69.5 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044903.D
Acq: 11 Feb 2025 14:06

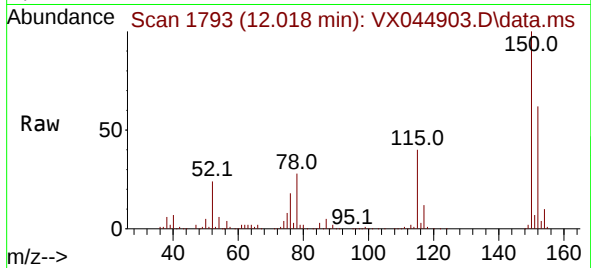
Tgt Ion: 117 Resp: 173671
Ion Ratio Lower Upper
117 100
82 59.0 47.5 71.3
119 32.4 25.4 38.0



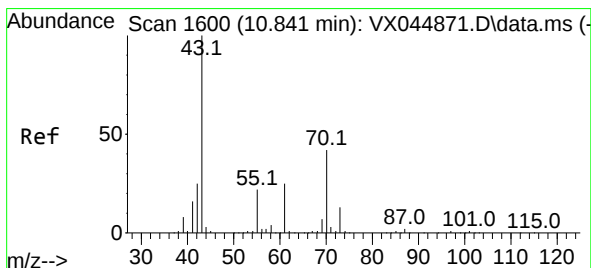
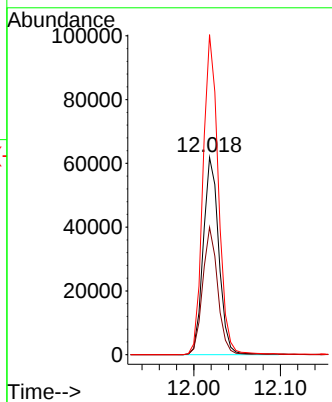
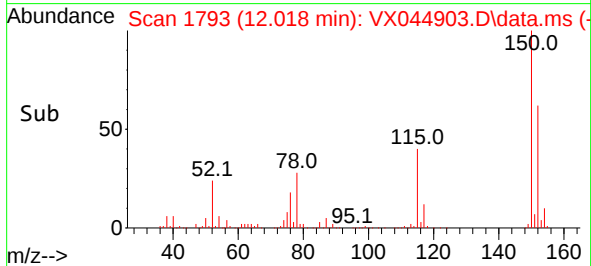


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044903.D
 Acq: 11 Feb 2025 14:06

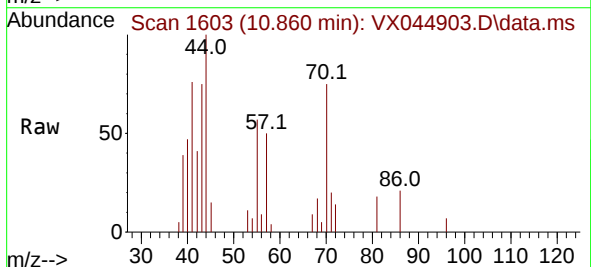
Instrument :
 MSVOA_X
 ClientSampleId :



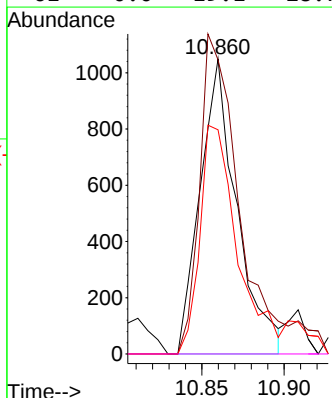
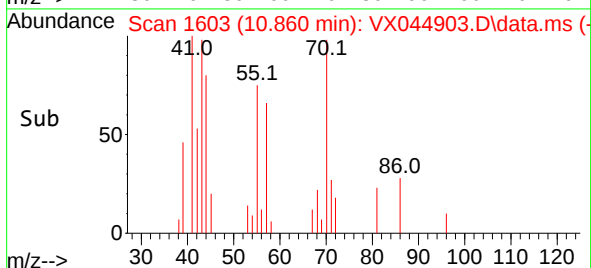
Tgt Ion:152 Resp: 77145
 Ion Ratio Lower Upper
 152 100
 115 62.4 43.4 130.1
 150 160.3 0.0 350.4

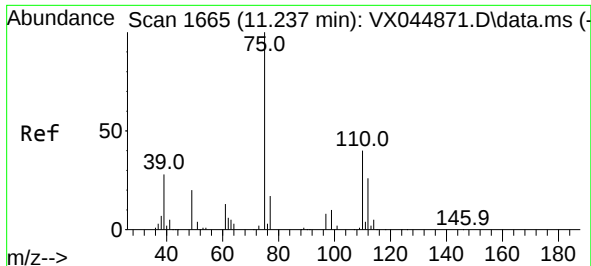


#74
 N-ethyl acetate
 Concen: 0.579 ug/l
 RT: 10.860 min Scan# 1603
 Delta R.T. 0.019 min
 Lab File: VX044903.D
 Acq: 11 Feb 2025 14:06



Tgt Ion: 43 Resp: 1628
 Ion Ratio Lower Upper
 43 100
 70 121.1 33.7 50.5#
 55 79.0 18.6 27.8#
 61 0.0 19.1 28.7#

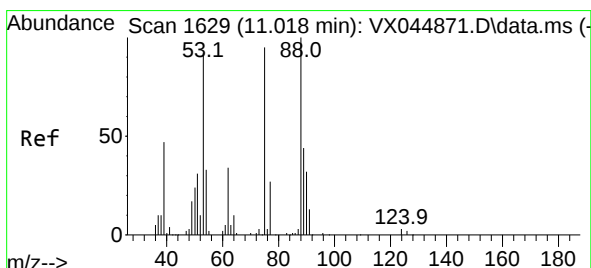
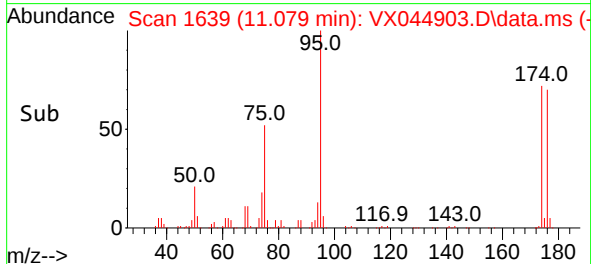
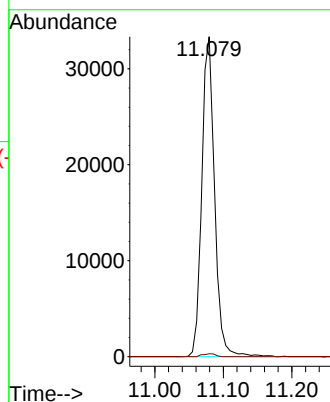
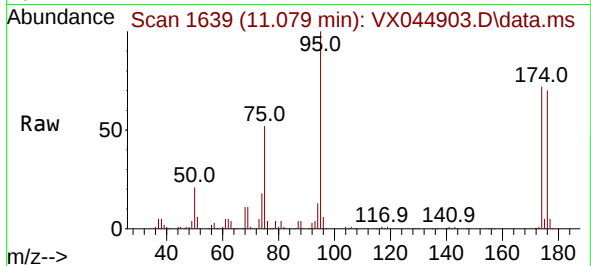




#76
1,2,3-Trichloropropane
Concen: 25.324 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044903.D
Acq: 11 Feb 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 43315
Ion Ratio Lower Upper
75 100
77 0.9 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.144 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044903.D
Acq: 11 Feb 2025 14:06

Tgt Ion: 75 Resp: 43315
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 36.6 54.8#

