

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044609.D
 Acq On : 07 Jan 2025 18:28
 Operator : JC/MD
 Sample : Q1022-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 08 05:56:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 03:57:12 2025
 Response via : Initial Calibration

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

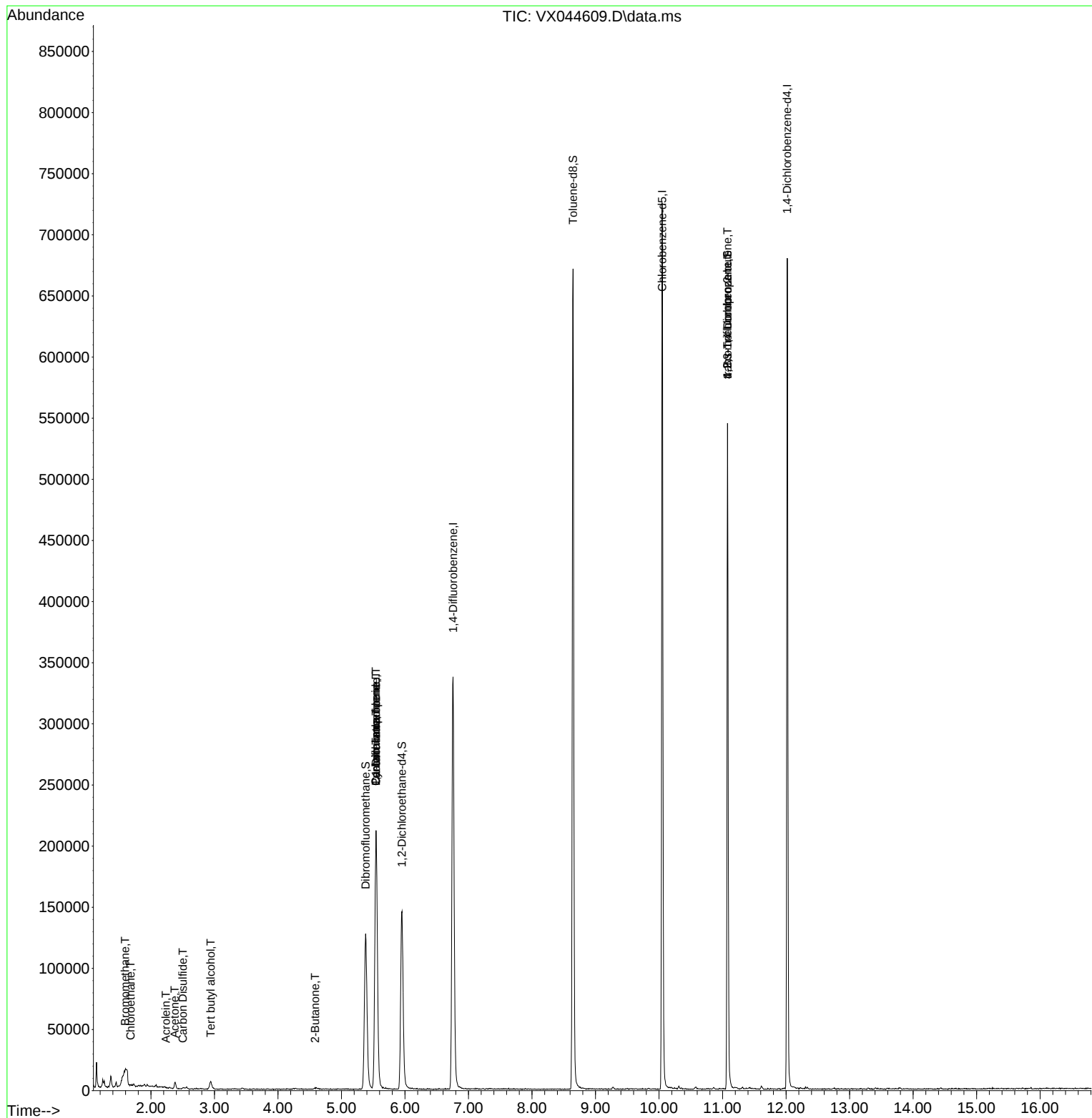
Internal Standards						
1) Pentafluorobenzene	5.544	168	188583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	335673	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	308993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	131138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	153060	50.337	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.680%	
35) Dibromofluoromethane	5.379	113	109447	47.549	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.100%	
50) Toluene-d8	8.647	98	403684	51.344	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.680%	
62) 4-Bromofluorobenzene	11.079	95	143530	51.721	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.440%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	661	0.500	ug/l #	37
6) Chloroethane	1.679	64	320	0.219	ug/l #	41
11) Tert butyl alcohol	2.941	59	3854	10.293	ug/l #	72
13) Acrolein	2.233	56	166	0.335	ug/l #	71
16) Acetone	2.374	43	6058	6.321	ug/l #	88
17) Carbon Disulfide	2.502	76	1381	0.317	ug/l #	91
25) 2-Butanone	4.587	43	460	0.333	ug/l #	50
31) Cyclohexane	5.544	56	4990	1.446	ug/l #	19
36) 1,1-Dichloropropene	5.544	75	16734	5.622	ug/l #	46
38) Carbon Tetrachloride	5.544	117	20624	6.245	ug/l #	18
76) 1,2,3-Trichloropropane	11.079	75	79713	30.323	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	79713	92.303	ug/l #	4

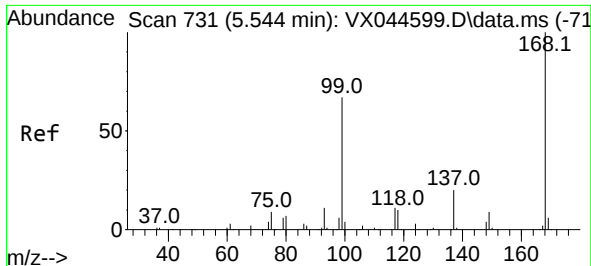
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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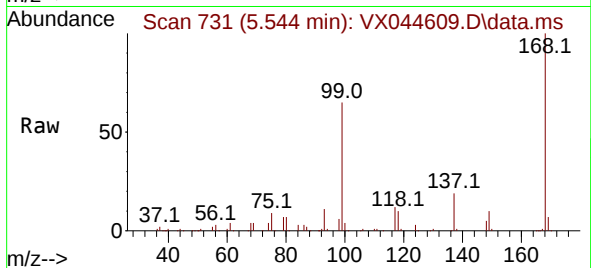
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
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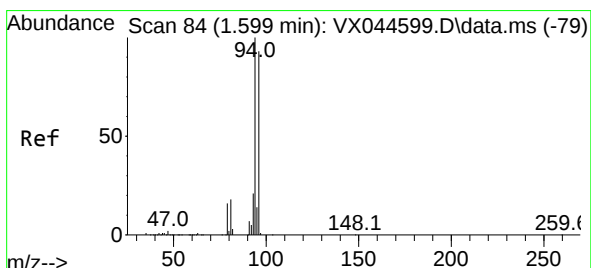
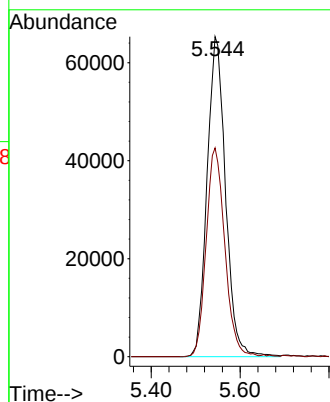
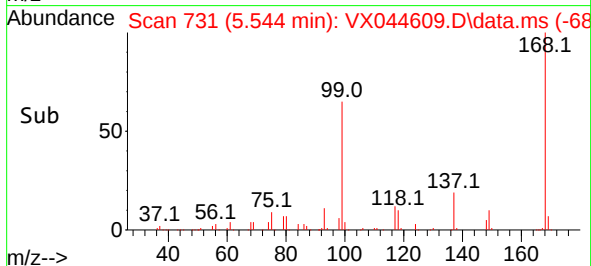


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044609.D
Acq: 07 Jan 2025 18:28

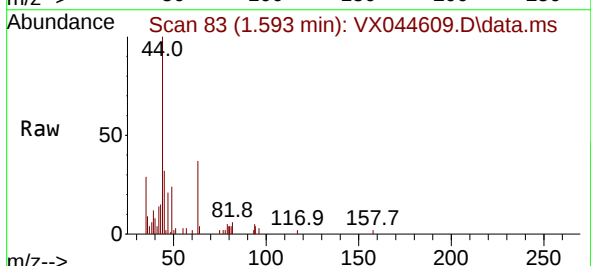
Instrument :
MSVOA_X
ClientSampleId :



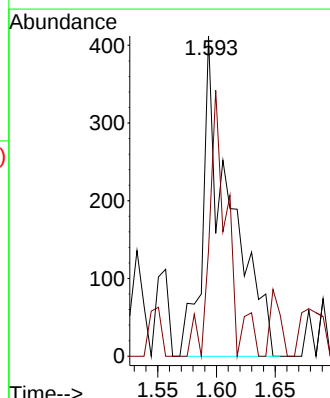
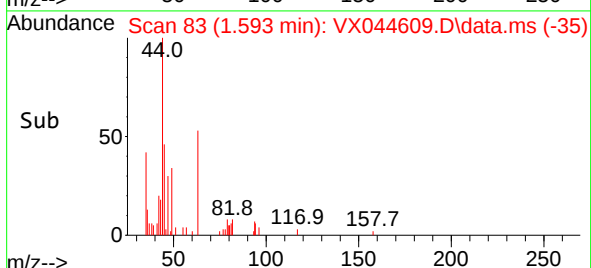
Tgt Ion:168 Resp: 188583
Ion Ratio Lower Upper
168 100
99 65.2 53.5 80.3

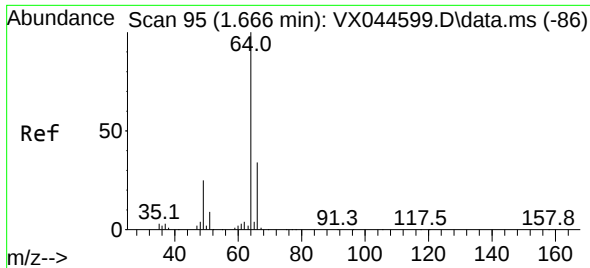


#5
Bromomethane
Concen: 0.500 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX044609.D
Acq: 07 Jan 2025 18:28



Tgt Ion: 94 Resp: 661
Ion Ratio Lower Upper
94 100
96 33.0 74.6 112.0#

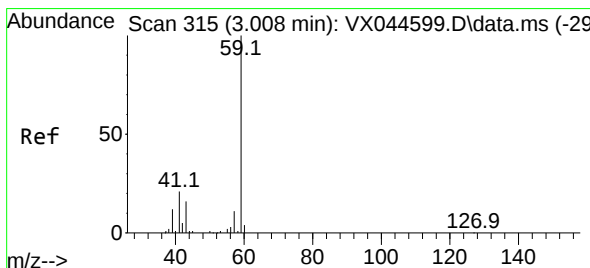
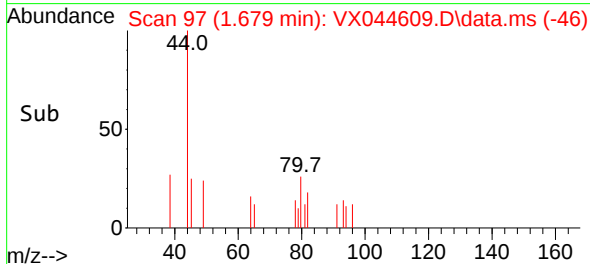
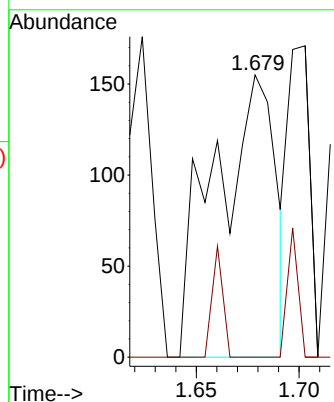
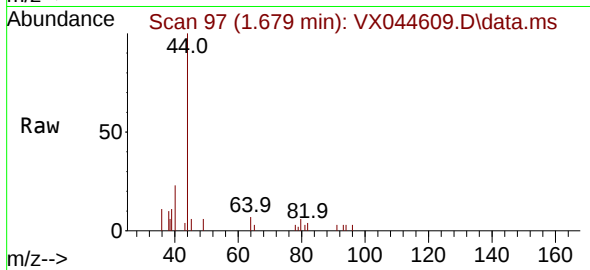




#6
Chloroethane
Concen: 0.219 ug/l
RT: 1.679 min Scan# 91
Delta R.T. 0.013 min
Lab File: VX044609.D
Acq: 07 Jan 2025 18:28

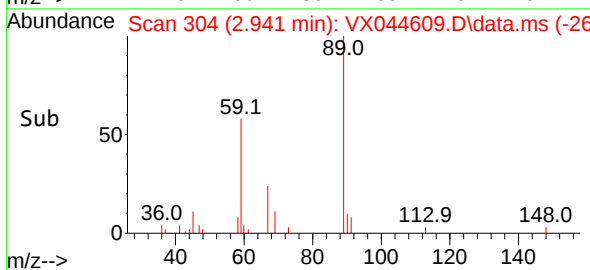
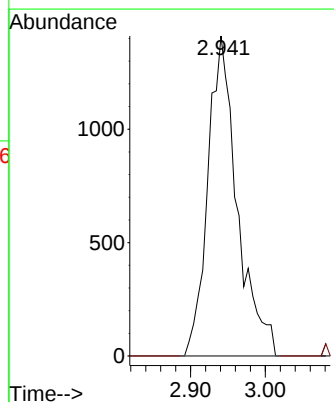
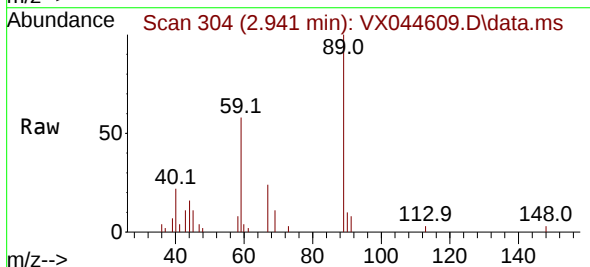
Instrument :
MSVOA_X
ClientSampleId :

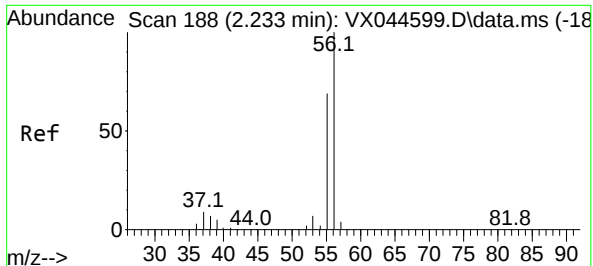
Tgt Ion: 64 Resp: 320
Ion Ratio Lower Upper
64 100
66 0.0 27.3 40.9#



#11
Tert butyl alcohol
Concen: 10.293 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX044609.D
Acq: 07 Jan 2025 18:28

Tgt Ion: 59 Resp: 3854
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

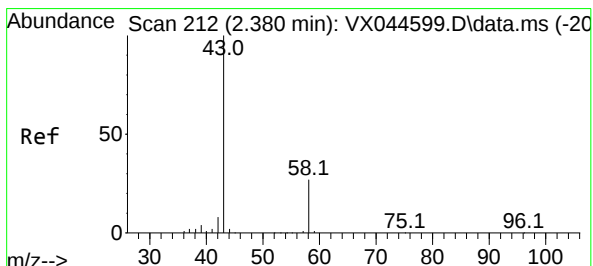
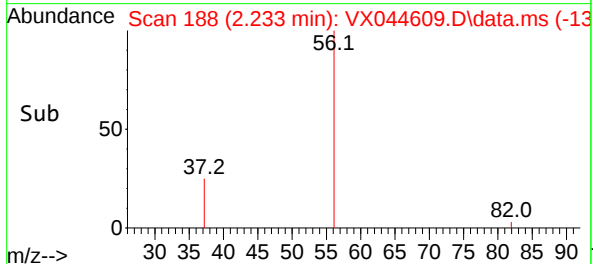
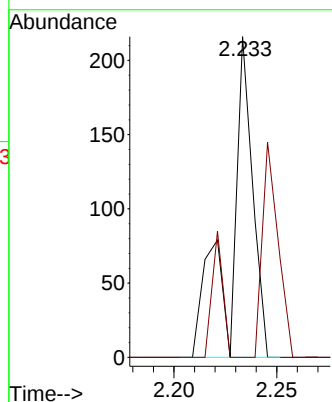
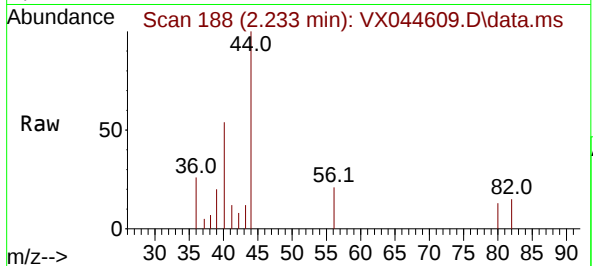




#13
Acrolein
Concen: 0.335 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044609.D
Acq: 07 Jan 2025 18:28

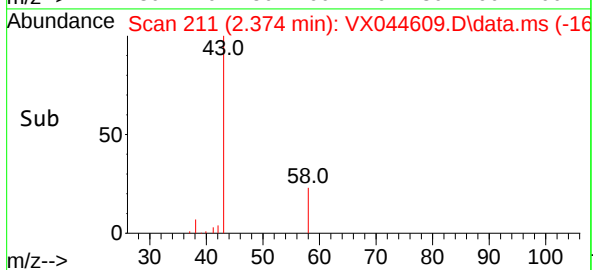
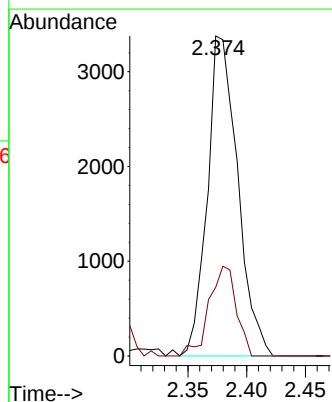
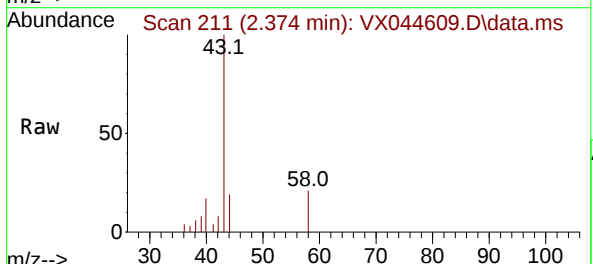
Instrument :
MSVOA_X
ClientSampleId :

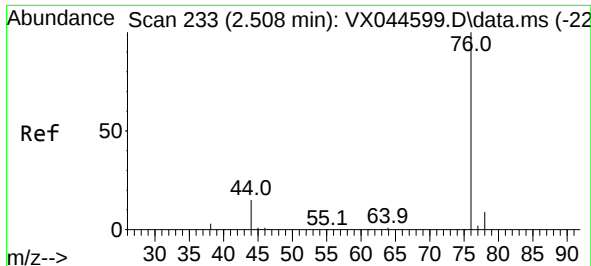
Tgt Ion: 56 Resp: 166
Ion Ratio Lower Upper
56 100
55 46.4 55.8 83.8#



#16
Acetone
Concen: 6.321 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX044609.D
Acq: 07 Jan 2025 18:28

Tgt Ion: 43 Resp: 6058
Ion Ratio Lower Upper
43 100
58 21.5 22.0 33.0#

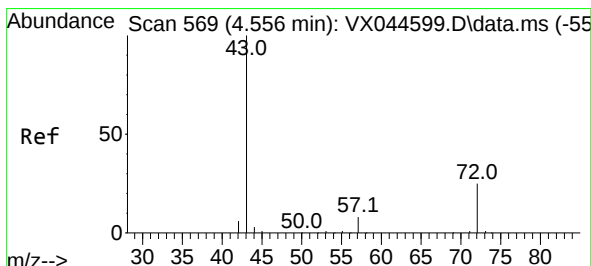
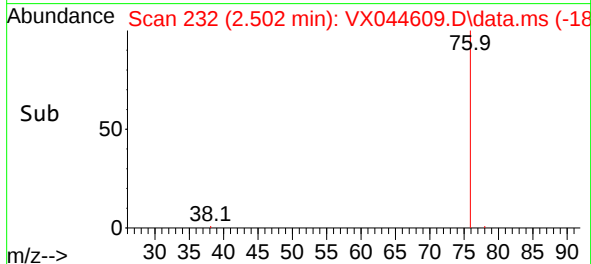
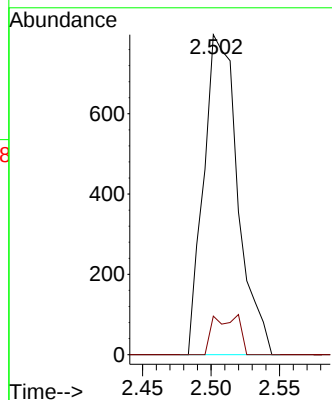
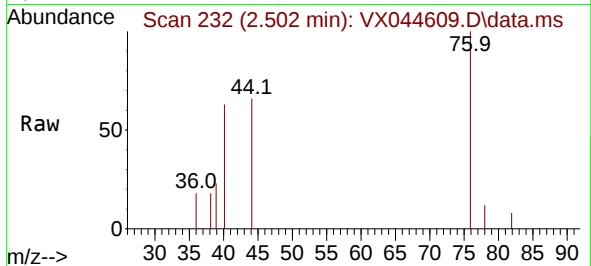




#17
Carbon Disulfide
Concen: 0.317 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX044609.D
Acq: 07 Jan 2025 18:28

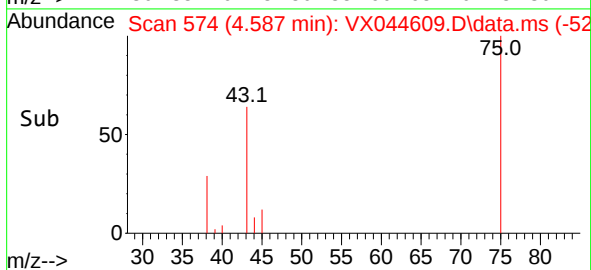
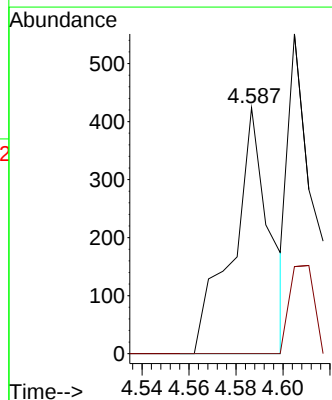
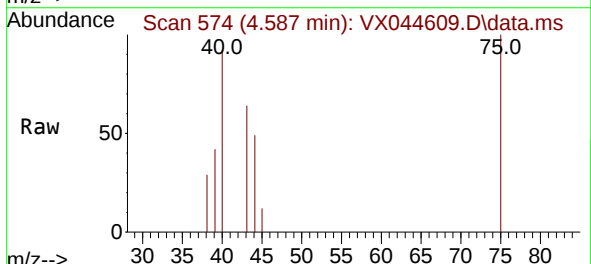
Instrument :
MSVOA_X
ClientSampleId :

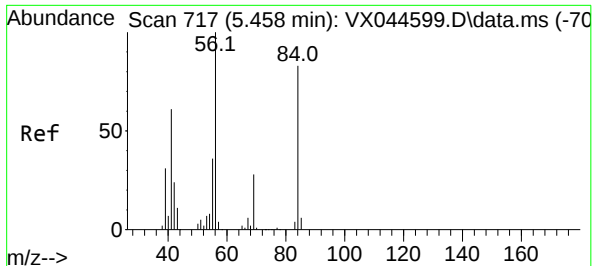
Tgt Ion: 76 Resp: 1381
Ion Ratio Lower Upper
76 100
78 12.0 7.1 10.7#



#25
2-Butanone
Concen: 0.333 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.030 min
Lab File: VX044609.D
Acq: 07 Jan 2025 18:28

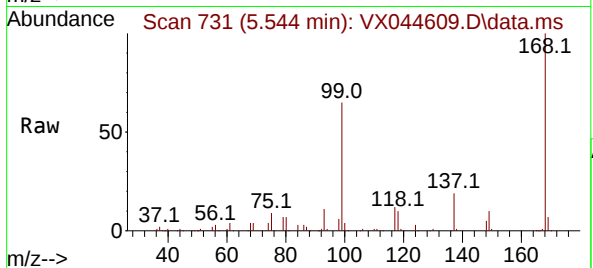
Tgt Ion: 43 Resp: 460
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#



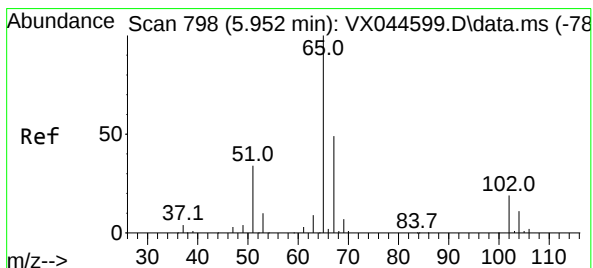
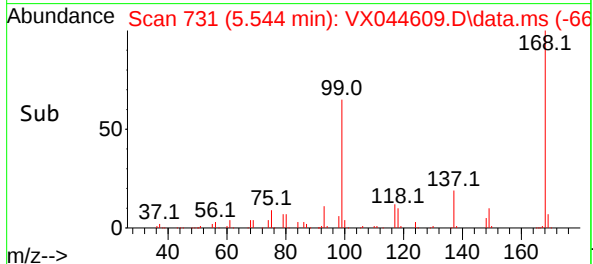
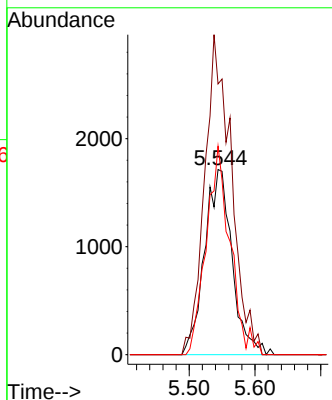


#31
Cyclohexane
Concen: 1.446 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX044609.D
Acq: 07 Jan 2025 18:28

Instrument :
MSVOA_X
ClientSampleId :

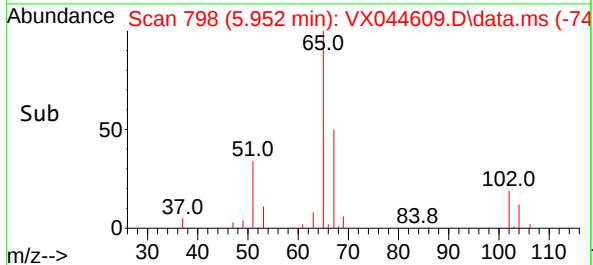
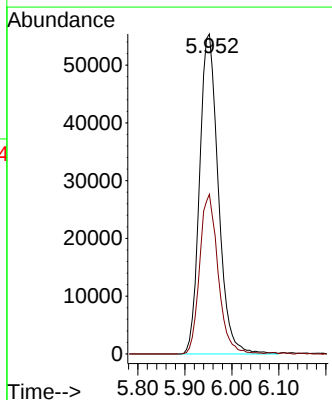
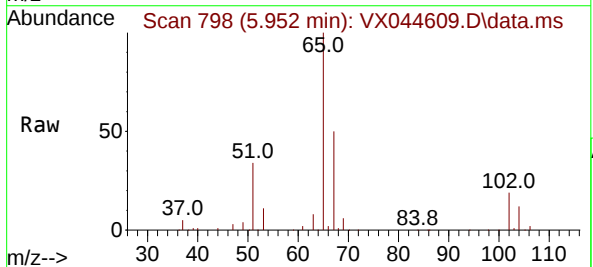


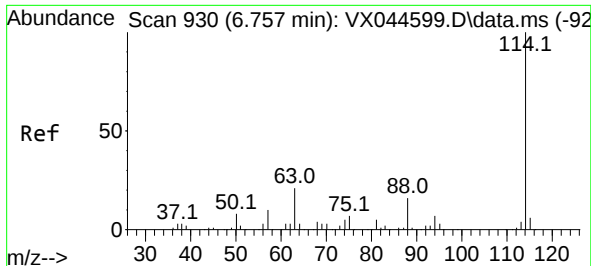
Tgt Ion: 56 Resp: 4990
Ion Ratio Lower Upper
56 100
69 146.2 22.2 33.4#
84 112.7 66.6 100.0#



#33
1,2-Dichloroethane-d4
Concen: 50.337 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044609.D
Acq: 07 Jan 2025 18:28

Tgt Ion: 65 Resp: 153060
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0

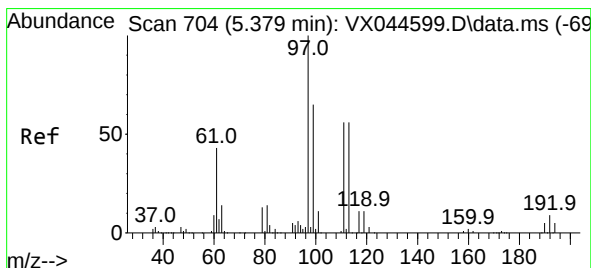
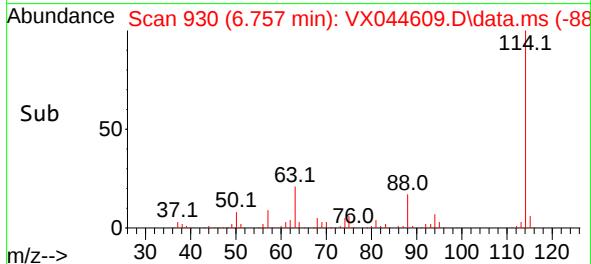
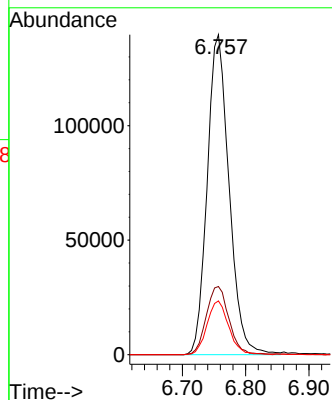
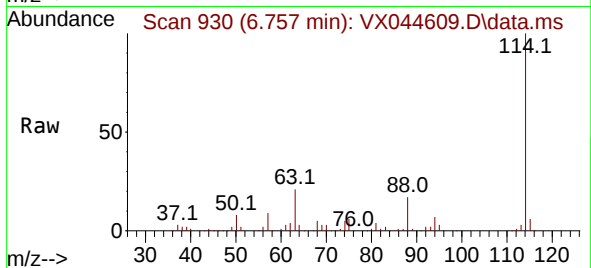




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044609.D
Acq: 07 Jan 2025 18:28

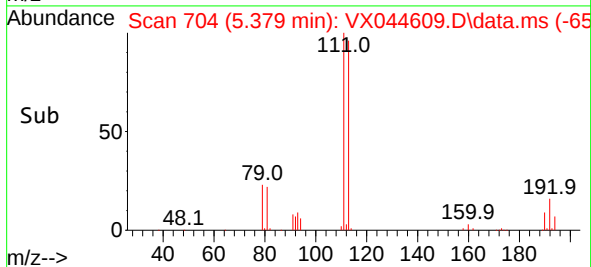
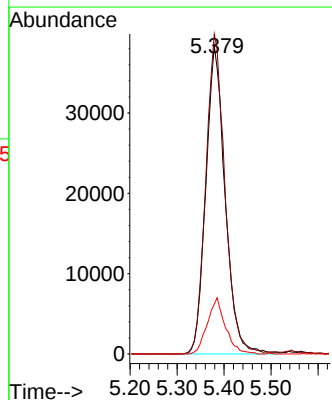
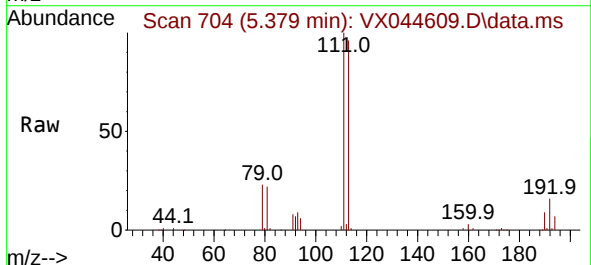
Instrument :
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ClientSampleId :

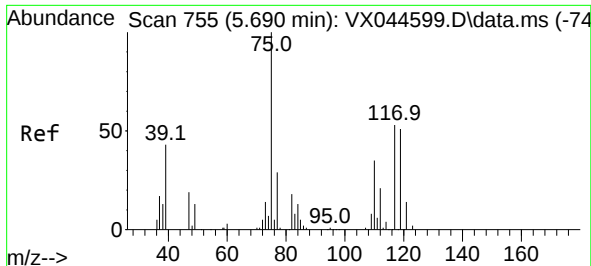
Tgt Ion:114 Resp: 335673
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.6
88 16.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.549 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044609.D
Acq: 07 Jan 2025 18:28

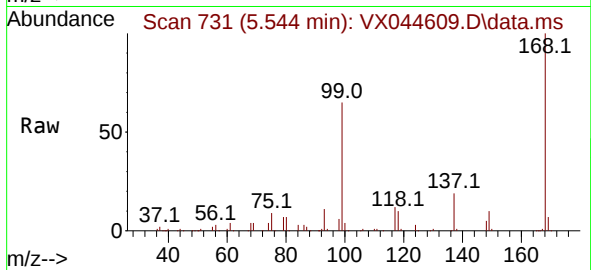
Tgt Ion:113 Resp: 109447
Ion Ratio Lower Upper
113 100
111 103.1 83.3 124.9
192 17.1 14.3 21.5



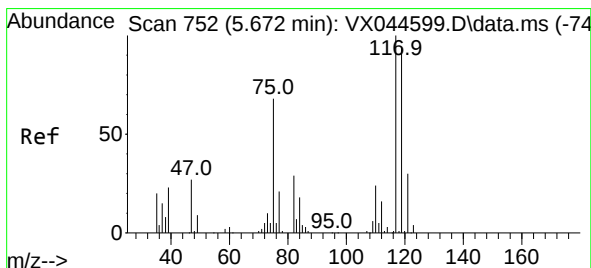
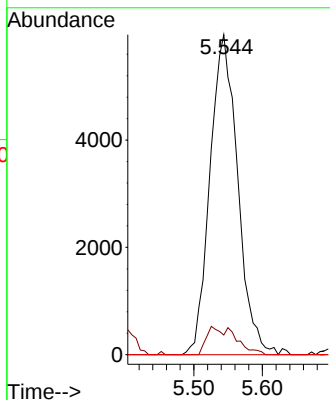
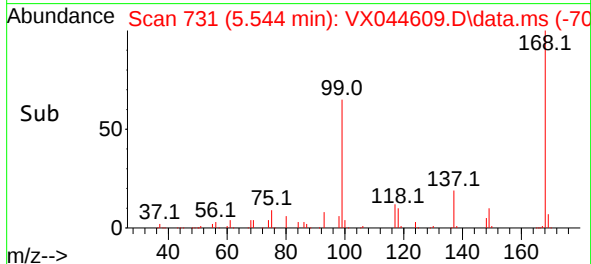


#36
1,1-Dichloropropene
Concen: 5.622 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX044609.D
Acq: 07 Jan 2025 18:28

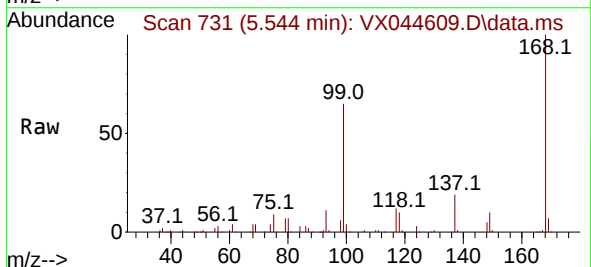
Instrument :
MSVOA_X
ClientSampleId :



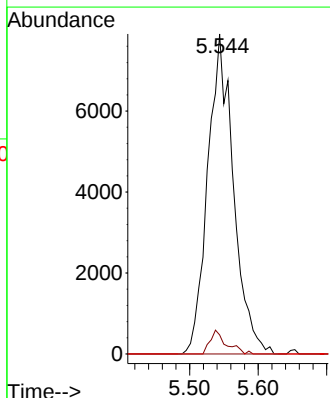
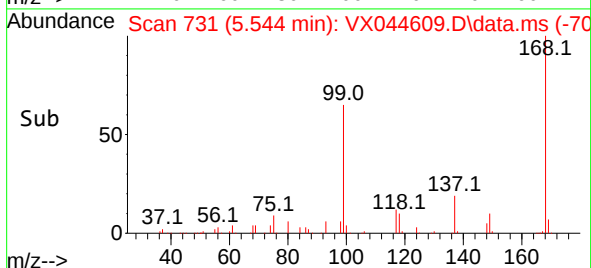
Tgt Ion: 75 Resp: 16734
Ion Ratio Lower Upper
75 100
110 5.1 17.3 51.9#
77 0.0 24.7 37.1#

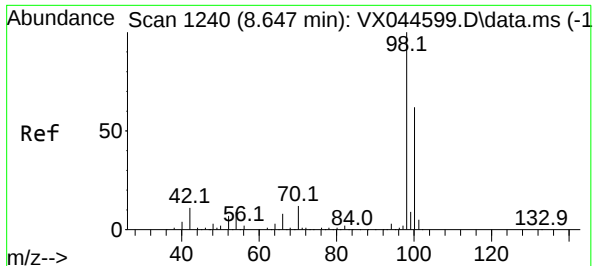


#38
Carbon Tetrachloride
Concen: 6.245 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044609.D
Acq: 07 Jan 2025 18:28



Tgt Ion: 117 Resp: 20624
Ion Ratio Lower Upper
117 100
119 6.0 74.5 111.7#
121 0.0 24.1 36.1#

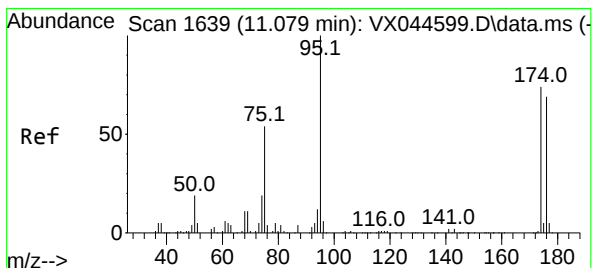
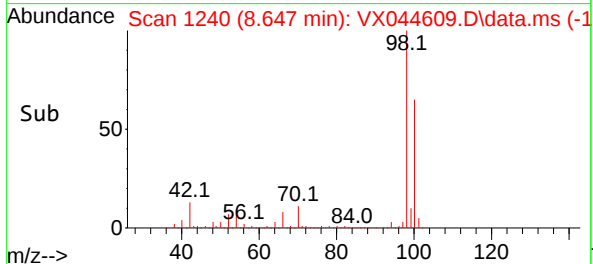
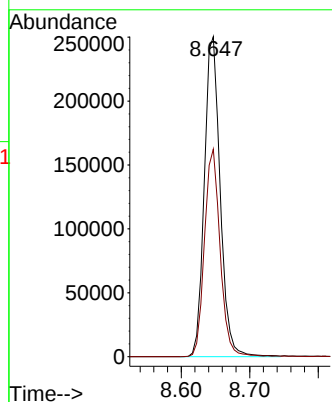
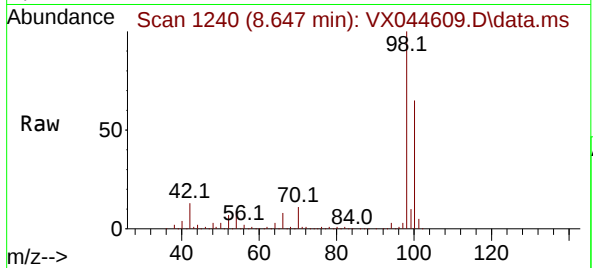




#50
Toluene-d8
Concen: 51.344 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044609.D
Acq: 07 Jan 2025 18:28

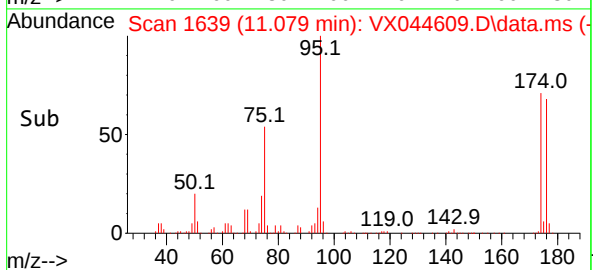
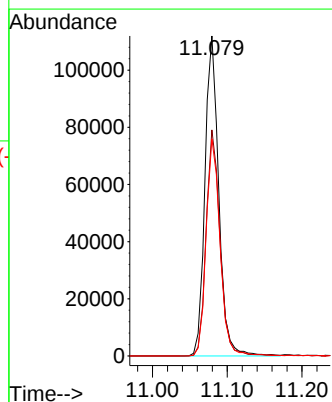
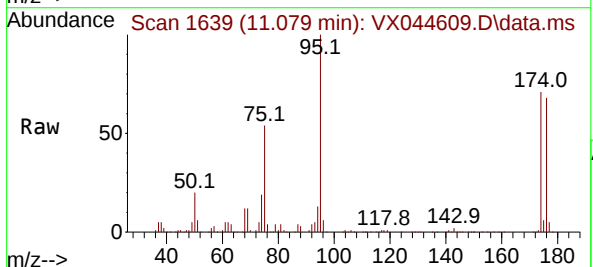
Instrument :
MSVOA_X
ClientSampleId :

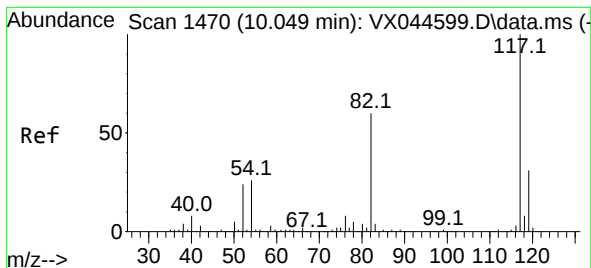
Tgt Ion: 98 Resp: 403684
Ion Ratio Lower Upper
98 100
100 64.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.721 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044609.D
Acq: 07 Jan 2025 18:28

Tgt Ion: 95 Resp: 143530
Ion Ratio Lower Upper
95 100
174 71.2 0.0 148.8
176 68.5 0.0 139.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044609.D

Acq: 07 Jan 2025 18:28

Instrument :

MSVOA_X

ClientSampleId :

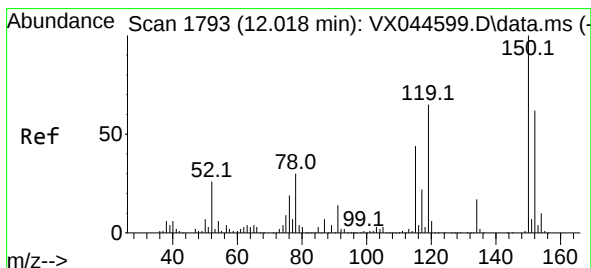
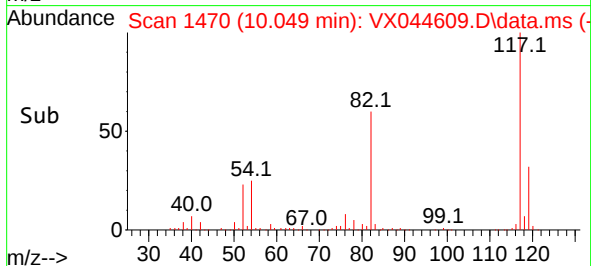
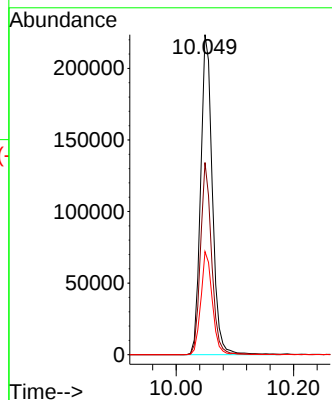
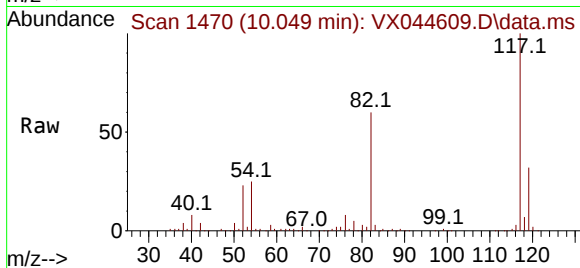
Tgt Ion:117 Resp: 308993

Ion Ratio Lower Upper

117 100

82 60.0 47.8 71.6

119 32.2 25.0 37.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044609.D

Acq: 07 Jan 2025 18:28

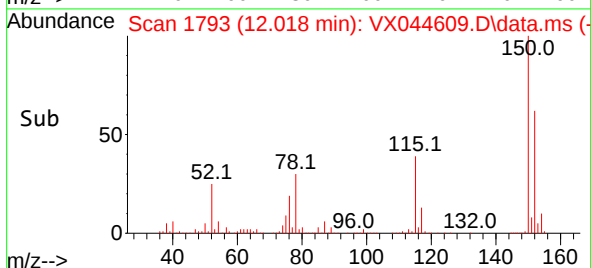
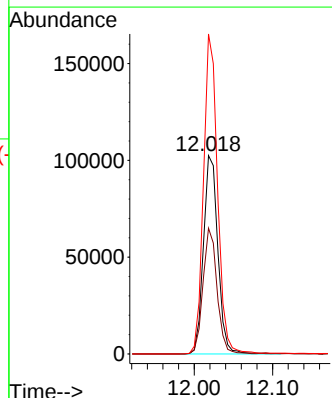
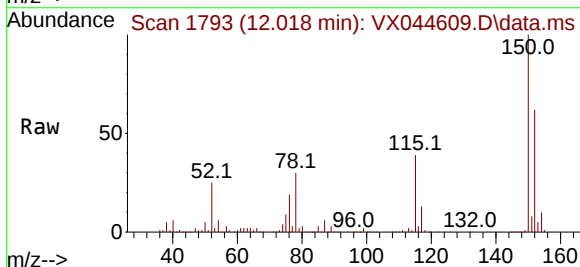
Tgt Ion:152 Resp: 131138

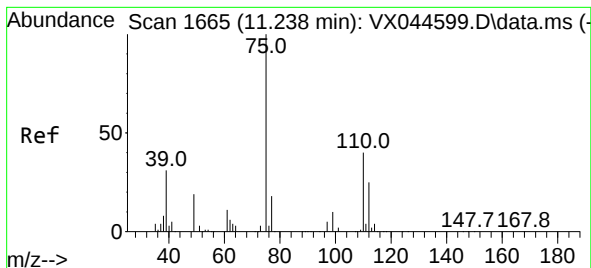
Ion Ratio Lower Upper

152 100

115 61.5 44.4 133.1

150 157.4 0.0 355.0





#76

1,2,3-Trichloropropane

Concen: 30.323 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX044609.D

Acq: 07 Jan 2025 18:28

Instrument :

MSVOA_X

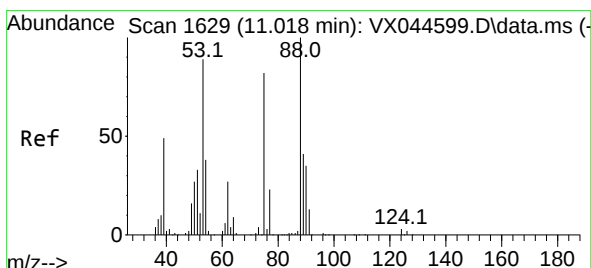
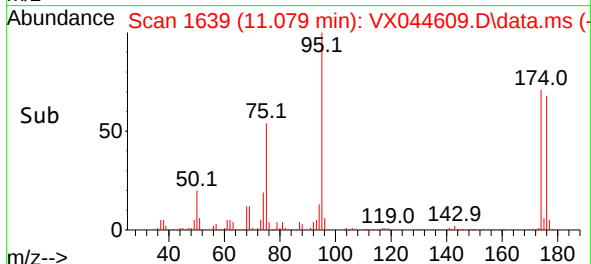
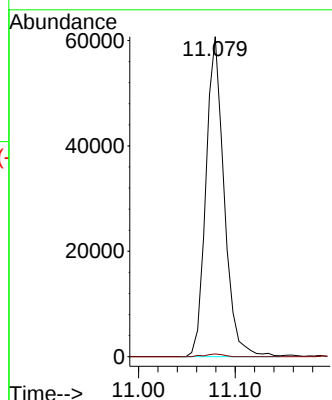
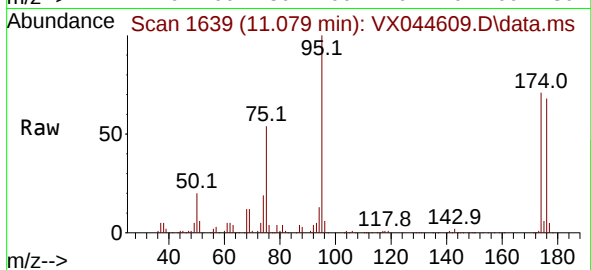
ClientSampleId :

Tgt Ion: 75 Resp: 79713

Ion Ratio Lower Upper

75 100

77 0.9 21.1 63.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 92.303 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044609.D

Acq: 07 Jan 2025 18:28

Tgt Ion: 75 Resp: 79713

Ion Ratio Lower Upper

75 100

53 0.0 92.7 139.1#

89 0.1 38.3 57.5#

