

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040425\
 Data File : VX045598.D
 Acq On : 04 Apr 2025 14:46
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 04 23:12:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

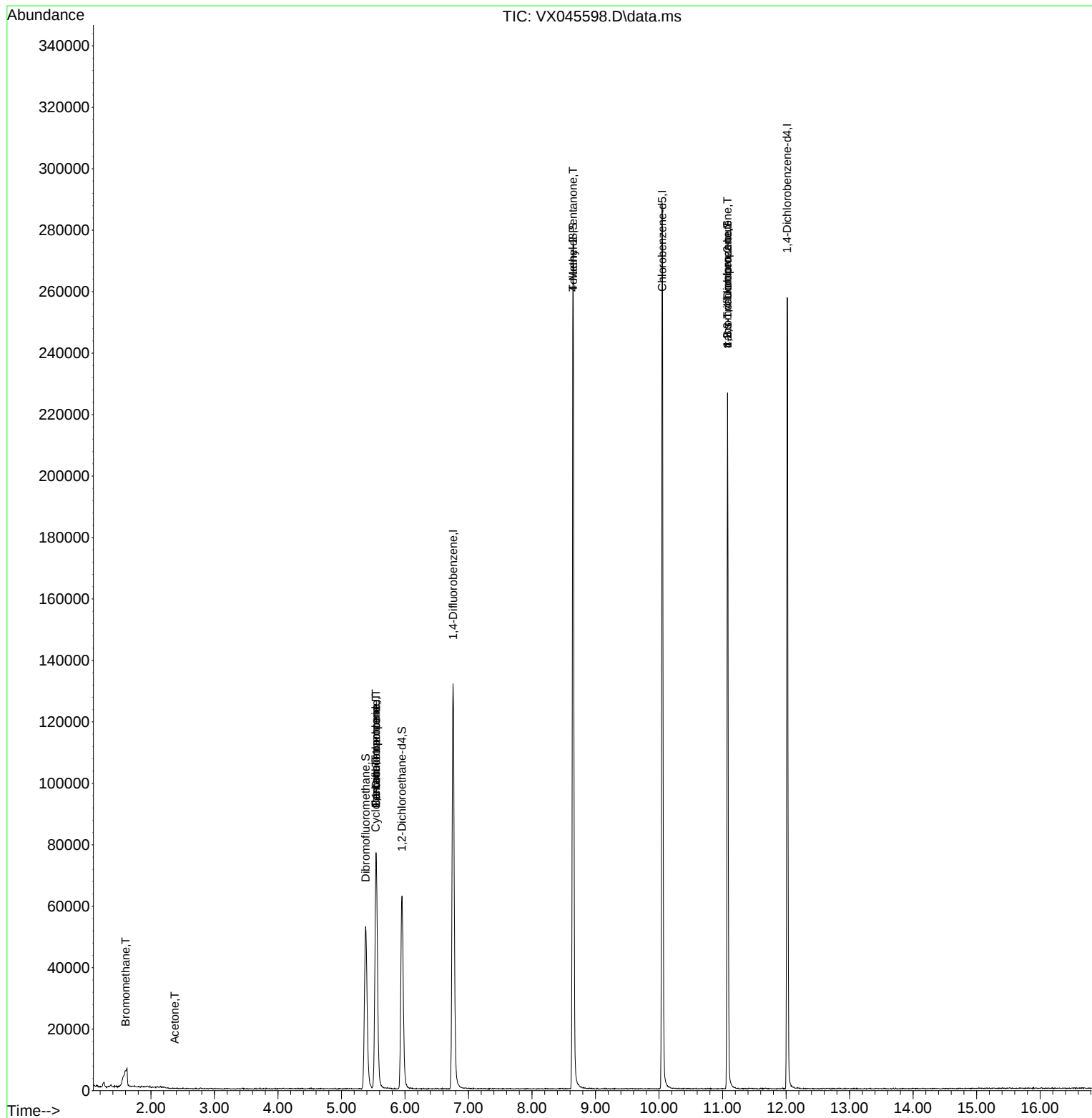
Internal Standards						
1) Pentafluorobenzene	5.544	168	64406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127759	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64209	54.515	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.040%			
35) Dibromofluoromethane	5.379	113	46112	50.871	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.740%			
50) Toluene-d8	8.647	98	158534	50.108	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.220%			
62) 4-Bromofluorobenzene	11.079	95	57271	49.695	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.400%			
Target Compounds						Qvalue
5) Bromomethane	1.599	94	107	0.249	ug/l #	74
16) Acetone	2.373	43	183	0.378	ug/l #	47
31) Cyclohexane	5.537	56	1909	1.321	ug/l #	12
36) 1,1-Dichloropropene	5.544	75	6438	5.260	ug/l #	47
38) Carbon Tetrachloride	5.544	117	7356	5.561	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1075	0.694	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33463	29.112	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33463	98.804	ug/l #	1

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

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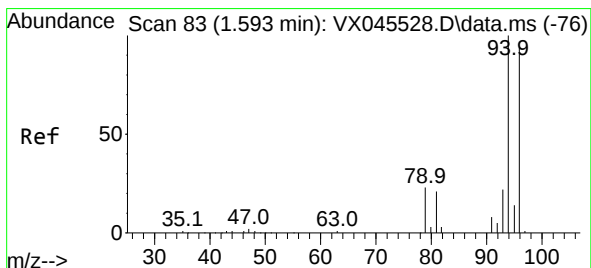
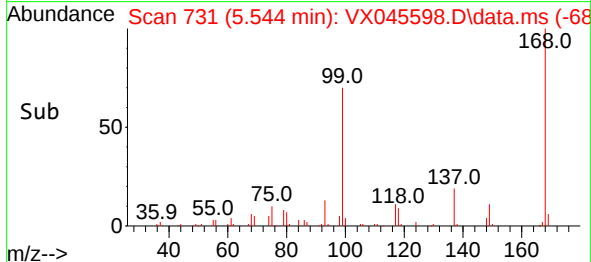
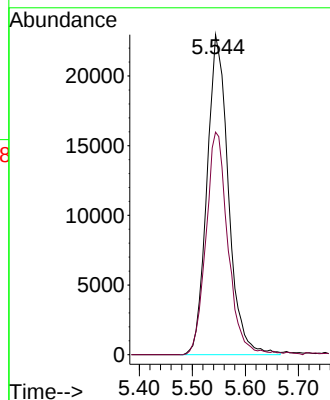
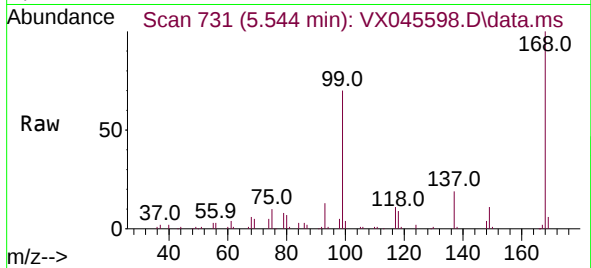




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045598.D
Acq: 04 Apr 2025 14:46

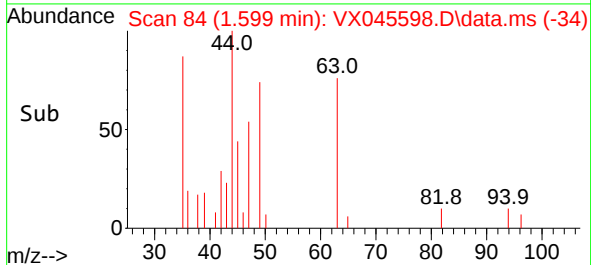
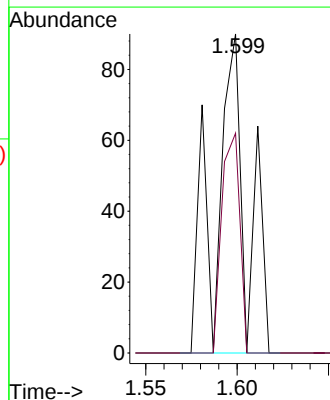
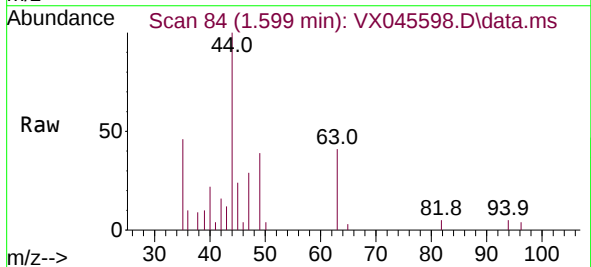
Instrument :
MSVOA_X
ClientSampleId :
IBLK

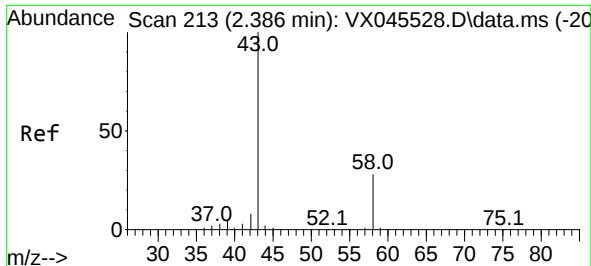
Tgt Ion:168 Resp: 64406
Ion Ratio Lower Upper
168 100
99 69.5 52.3 78.5



#5
Bromomethane
Concen: 0.249 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045598.D
Acq: 04 Apr 2025 14:46

Tgt Ion: 94 Resp: 107
Ion Ratio Lower Upper
94 100
96 68.9 74.8 112.2#

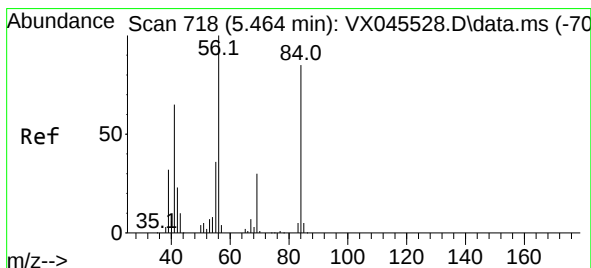
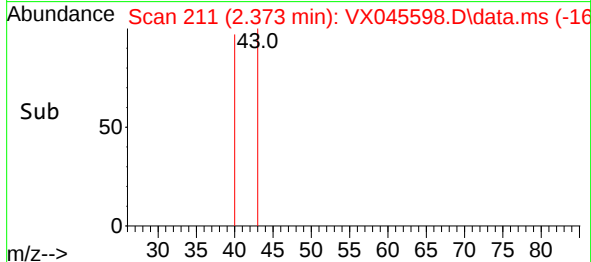
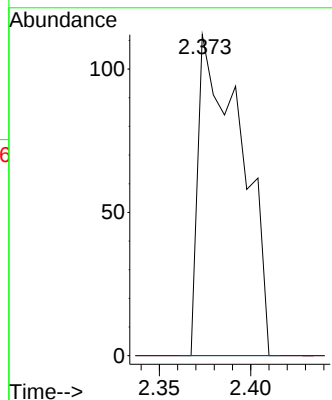
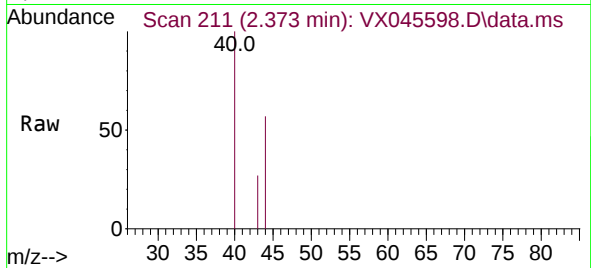




#16
Acetone
Concen: 0.378 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX045598.D
Acq: 04 Apr 2025 14:46

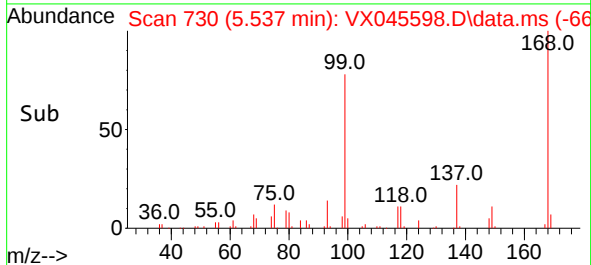
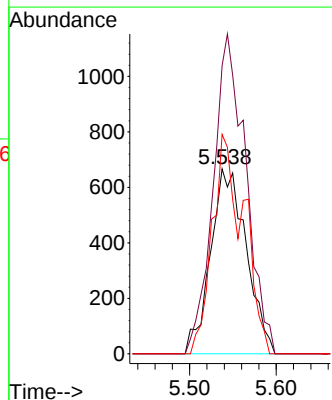
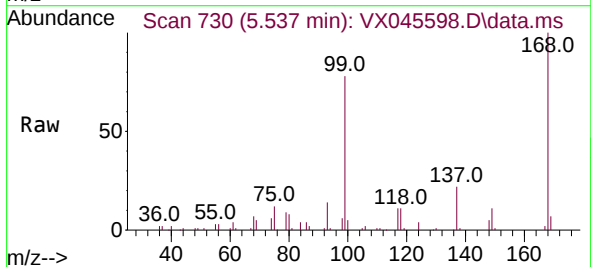
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 43 Resp: 183
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#



#31
Cyclohexane
Concen: 1.321 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX045598.D
Acq: 04 Apr 2025 14:46

Tgt Ion: 56 Resp: 1909
Ion Ratio Lower Upper
56 100
69 155.8 23.6 35.4#
84 118.6 67.7 101.5#

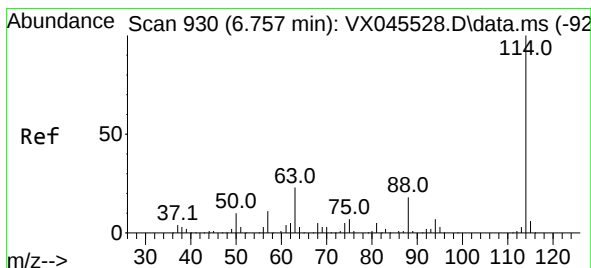
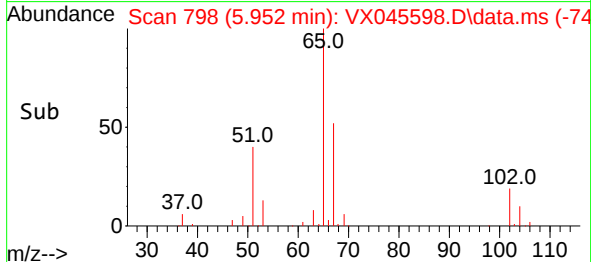
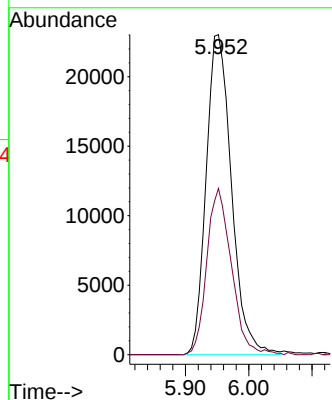
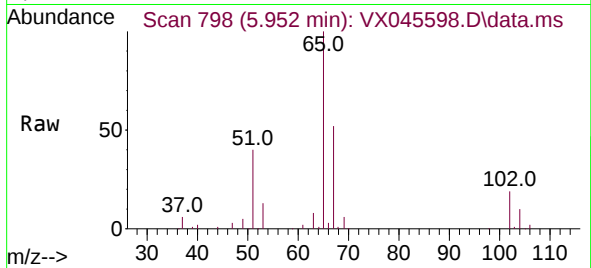




#33
 1,2-Dichloroethane-d4
 Concen: 54.515 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045598.D
 Acq: 04 Apr 2025 14:46

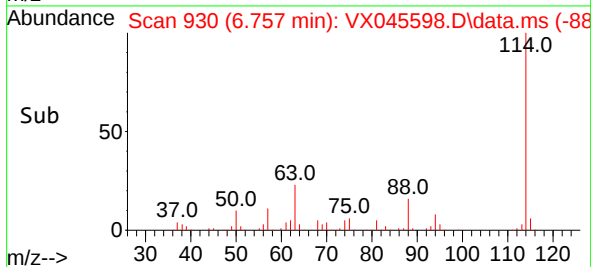
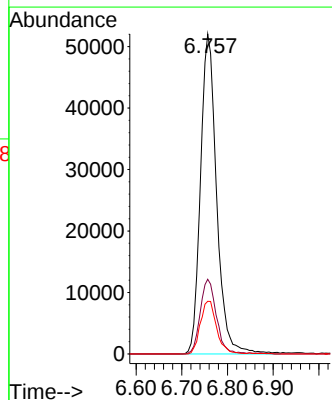
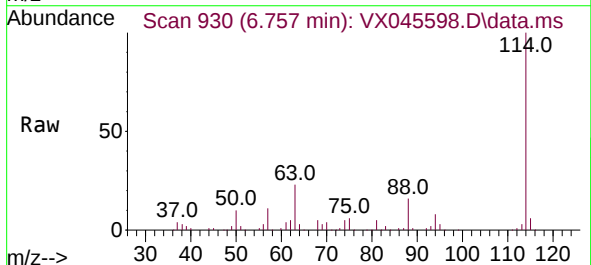
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 65 Resp: 64209
 Ion Ratio Lower Upper
 65 100
 67 50.4 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: VX045598.D
 Acq: 04 Apr 2025 14:46

Tgt Ion: 114 Resp: 127759
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 46.8
 88 16.5 0.0 35.4

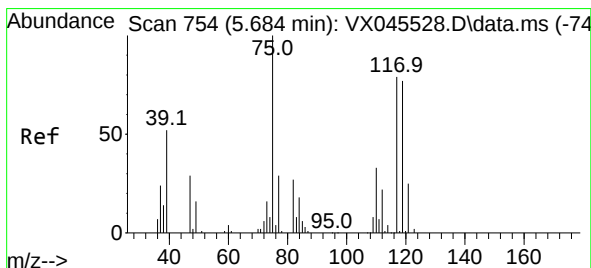
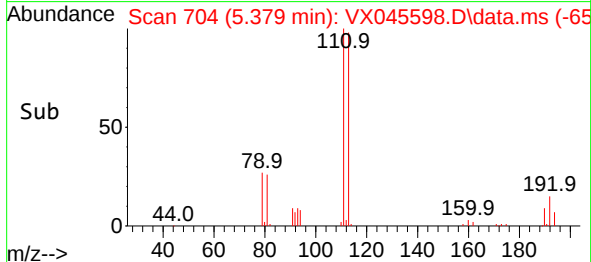
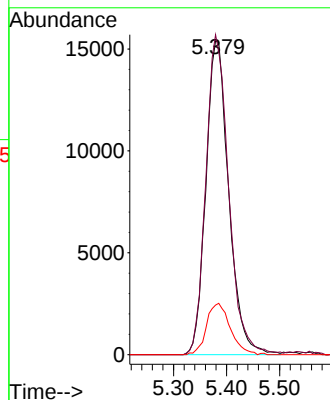
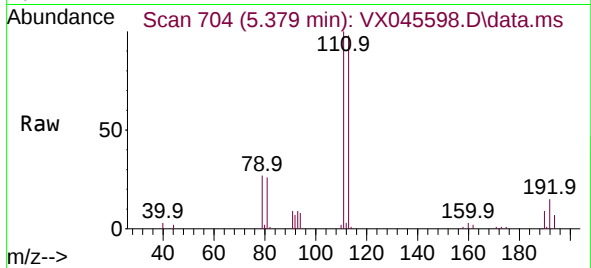




#35
Dibromofluoromethane
Concen: 50.871 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045598.D
Acq: 04 Apr 2025 14:46

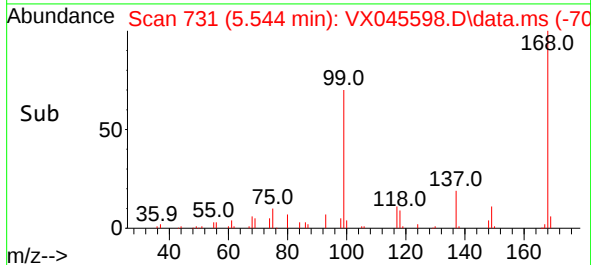
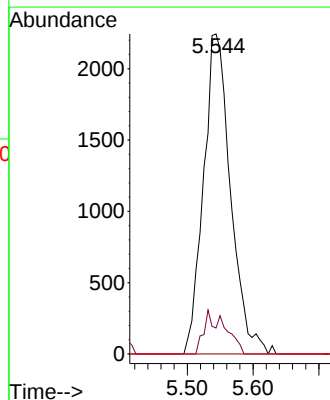
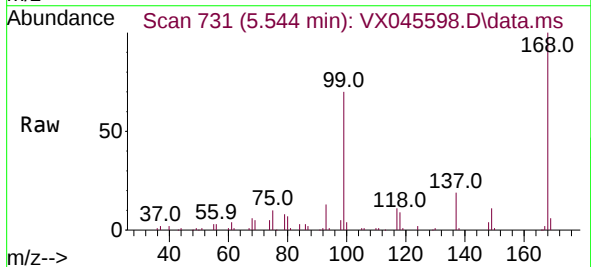
Instrument :
MSVOA_X
ClientSampleId :
IBLK

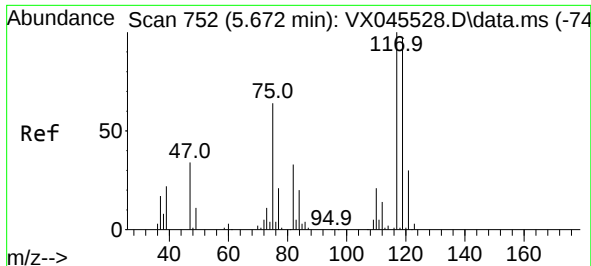
Tgt Ion:113 Resp: 46112
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.6
192 17.0 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.260 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX045598.D
Acq: 04 Apr 2025 14:46

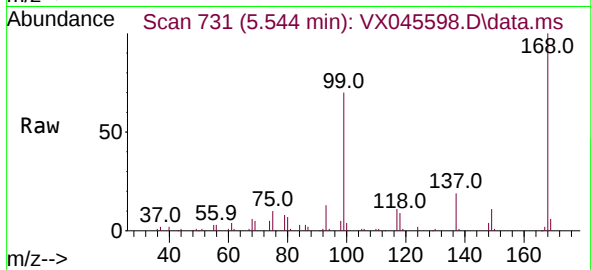
Tgt Ion: 75 Resp: 6438
Ion Ratio Lower Upper
75 100
110 5.4 16.9 50.6#
77 0.0 25.0 37.4#



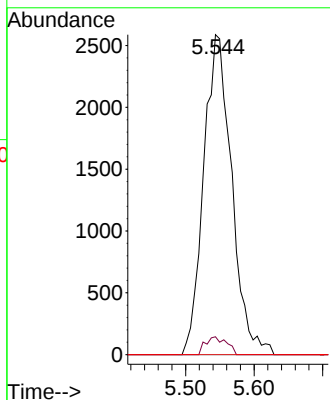
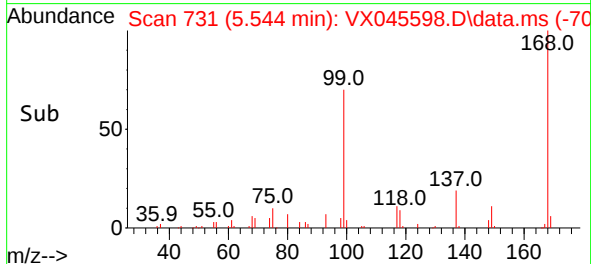


#38
Carbon Tetrachloride
Concen: 5.561 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045598.D
Acq: 04 Apr 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :
IBLK

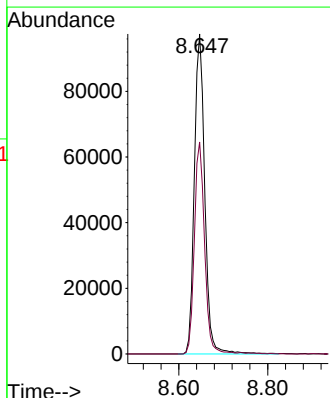
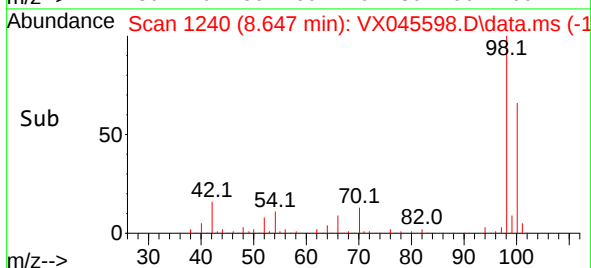
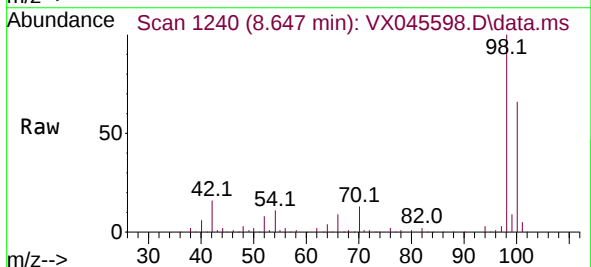


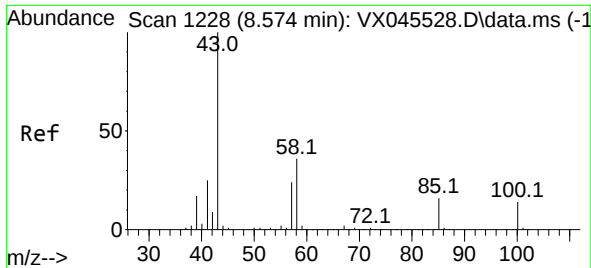
Tgt Ion:117 Resp: 7356
Ion Ratio Lower Upper
117 100
119 5.6 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.108 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045598.D
Acq: 04 Apr 2025 14:46

Tgt Ion: 98 Resp: 158534
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4

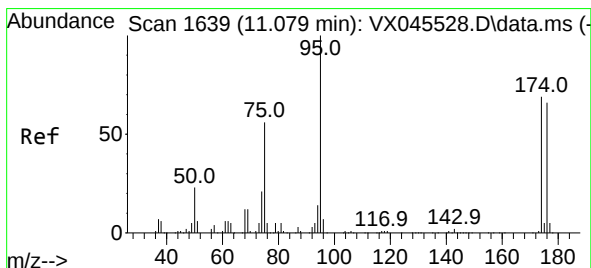
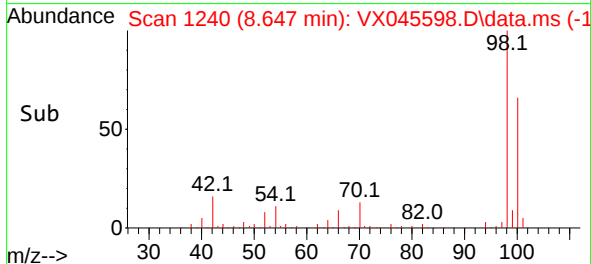
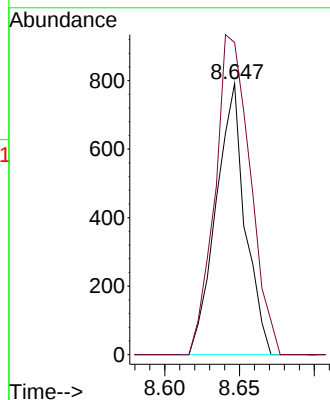
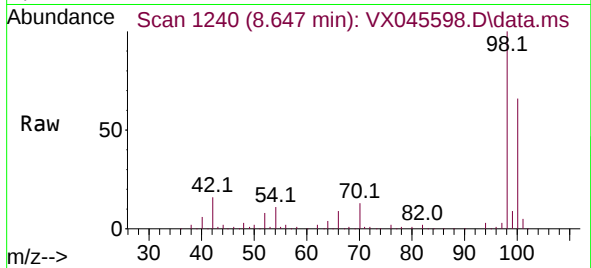




#51
4-Methyl-2-Pentanone
Concen: 0.694 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045598.D
Acq: 04 Apr 2025 14:46

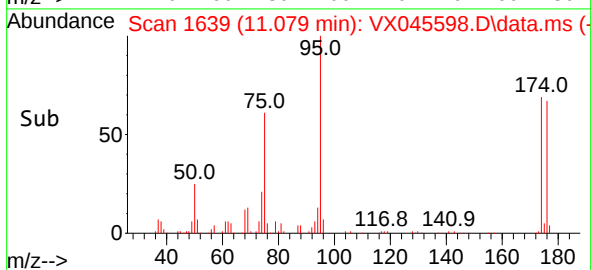
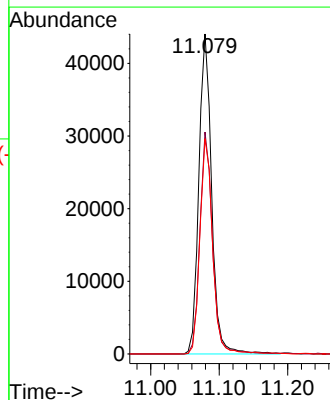
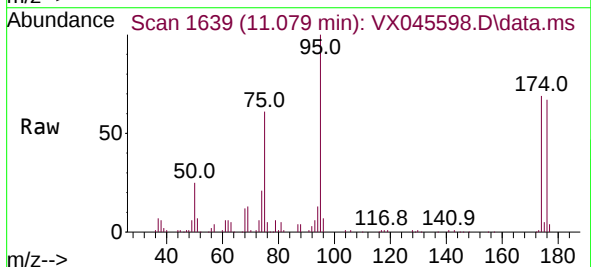
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ClientSampleId :
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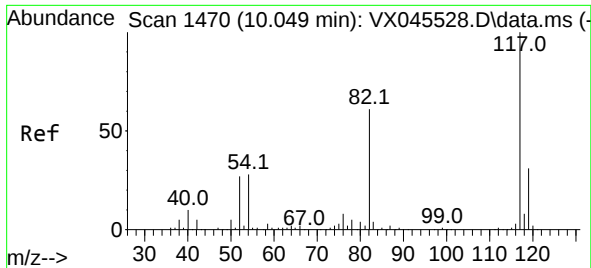
Tgt Ion: 43 Resp: 1075
Ion Ratio Lower Upper
43 100
58 142.5 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 49.695 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045598.D
Acq: 04 Apr 2025 14:46

Tgt Ion: 95 Resp: 57271
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.8
176 66.8 0.0 131.4

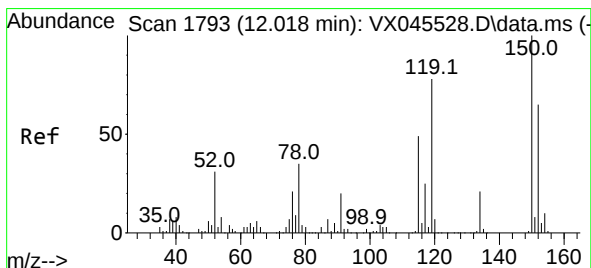
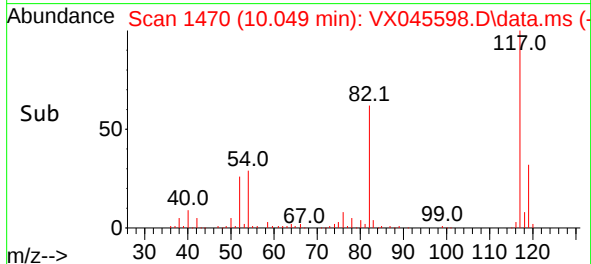
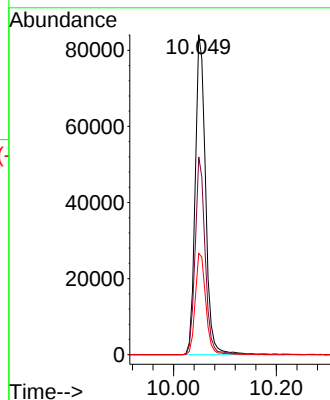
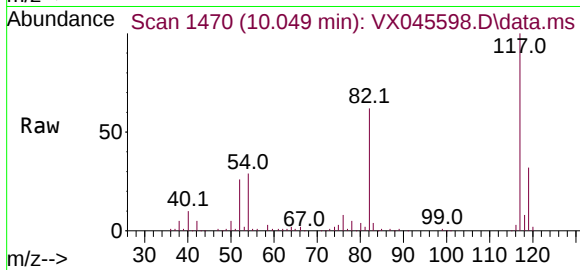




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045598.D
Acq: 04 Apr 2025 14:46

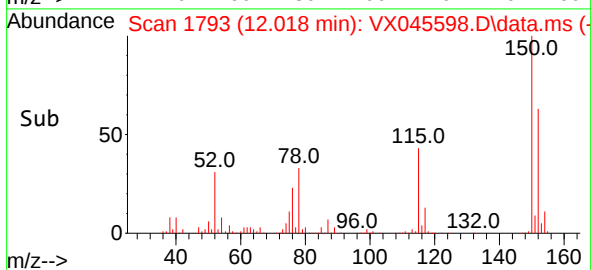
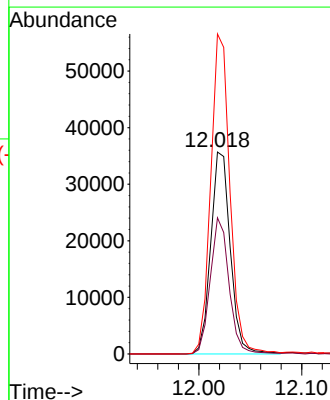
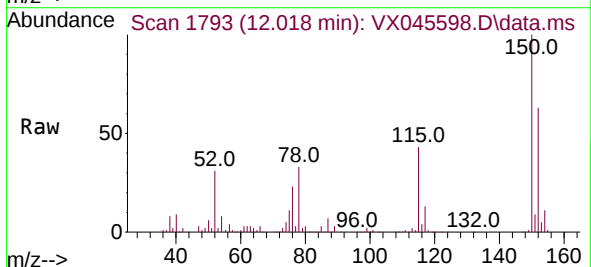
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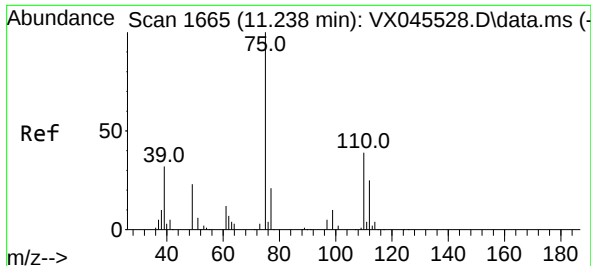
Tgt Ion:117 Resp: 117827
Ion Ratio Lower Upper
117 100
82 61.8 49.2 73.8
119 31.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045598.D
Acq: 04 Apr 2025 14:46

Tgt Ion:152 Resp: 47123
Ion Ratio Lower Upper
152 100
115 64.7 46.9 140.7
150 156.0 0.0 349.4

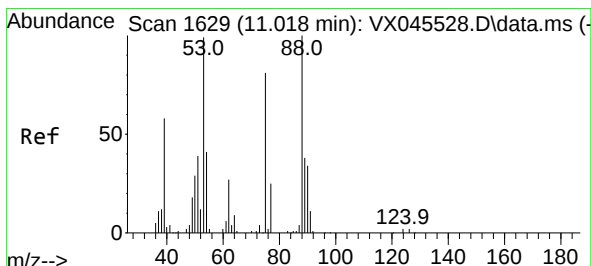
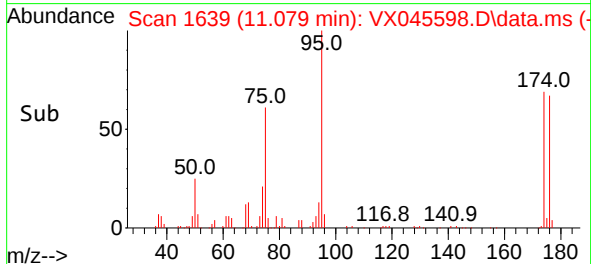
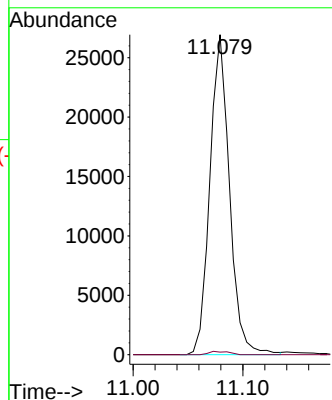
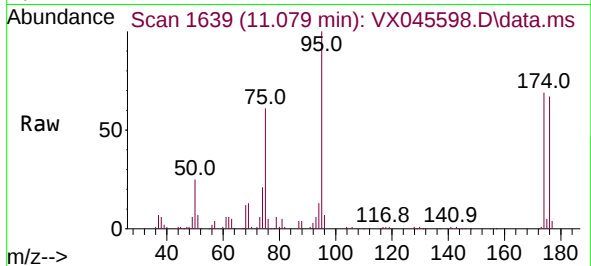




#76
1,2,3-Trichloropropane
Concen: 29.112 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045598.D
Acq: 04 Apr 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 33463
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.804 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045598.D
Acq: 04 Apr 2025 14:46

Tgt Ion: 75 Resp: 33463
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

