

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045813.D
 Acq On : 16 Apr 2025 17:17
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 17 01:38:25 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)

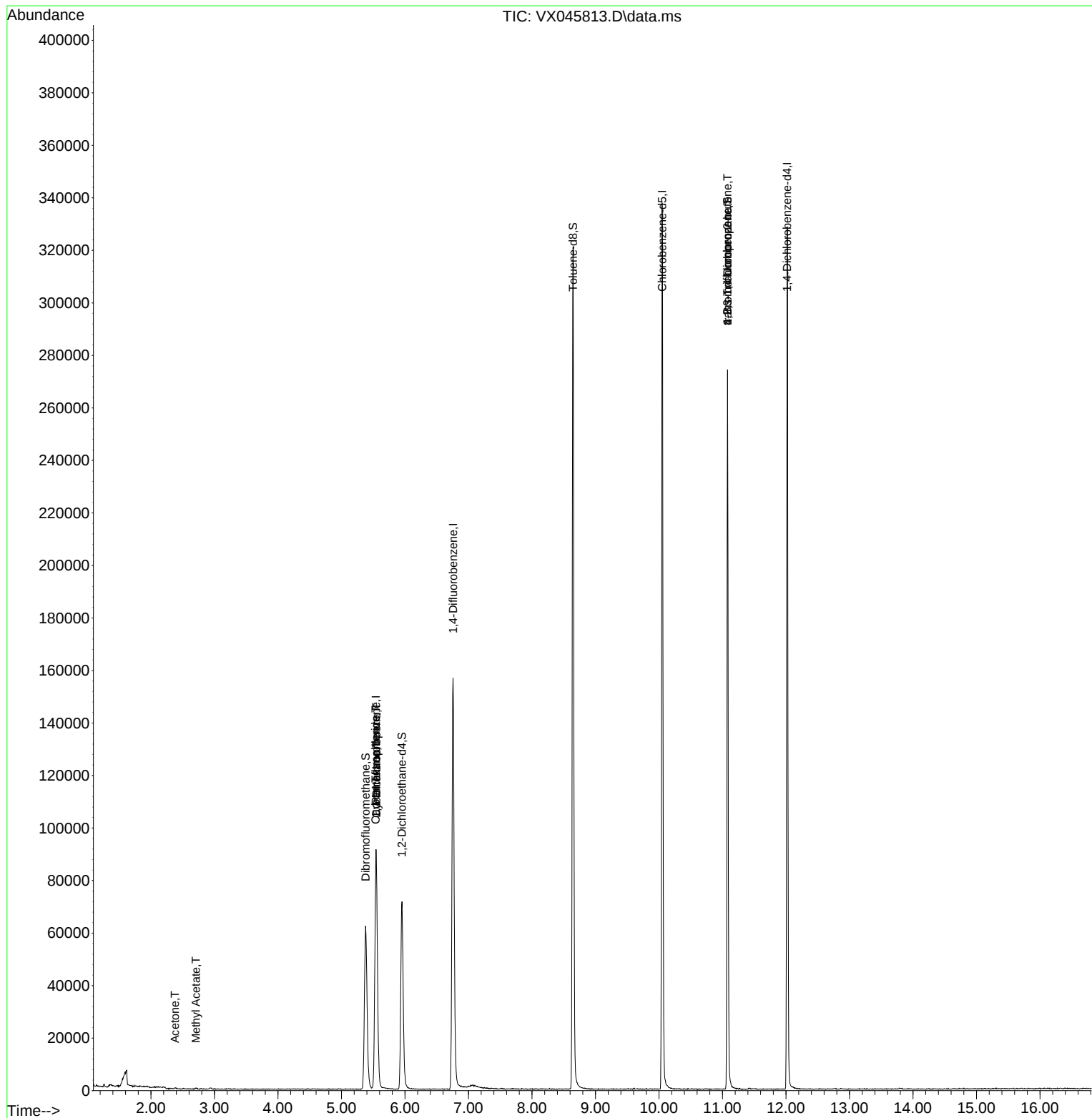
Internal Standards						
1) Pentafluorobenzene	5.544	168	75481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	139284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74217	53.767	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.540%	
35) Dibromofluoromethane	5.379	113	53574	50.263	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.520%	
50) Toluene-d8	8.647	98	185759	49.931	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.860%	
62) 4-Bromofluorobenzene	11.079	95	70259	51.847	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.700%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	569	1.004	ug/l #	80
18) Methyl Acetate	2.709	43	652	0.500	ug/l #	68
31) Cyclohexane	5.550	56	2192	1.295	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	7808	5.425	ug/l #	51
38) Carbon Tetrachloride	5.538	117	8661	5.568	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	40750	27.311	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	40750	92.690	ug/l #	1

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

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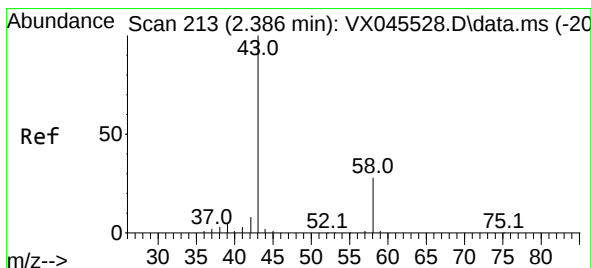
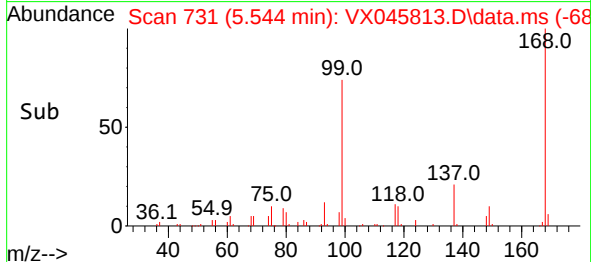
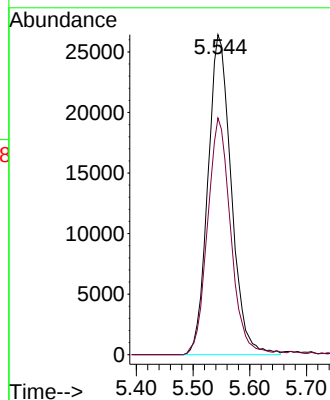
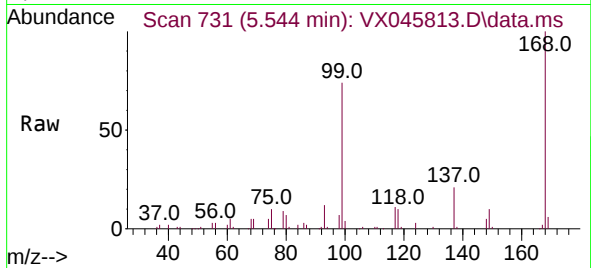




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045813.D
Acq: 16 Apr 2025 17:17

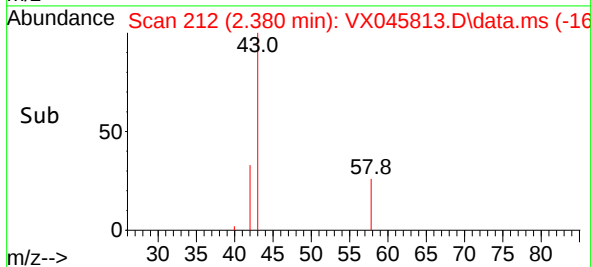
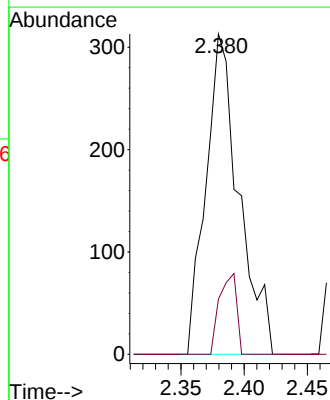
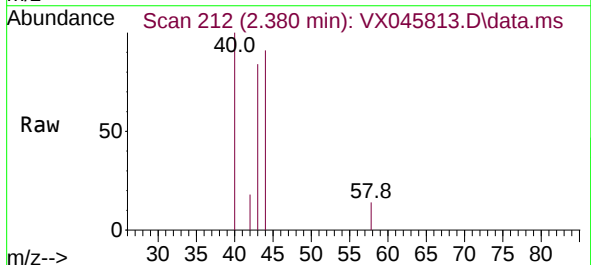
Instrument :
MSVOA_X
ClientSampleId :
IBLK

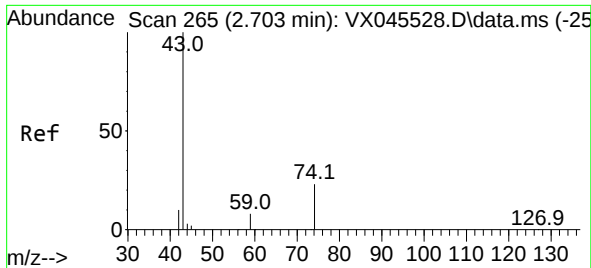
Tgt Ion:168 Resp: 75481
Ion Ratio Lower Upper
168 100
99 73.9 52.3 78.5



#16
Acetone
Concen: 1.004 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045813.D
Acq: 16 Apr 2025 17:17

Tgt Ion: 43 Resp: 569
Ion Ratio Lower Upper
43 100
58 17.3 22.3 33.5#

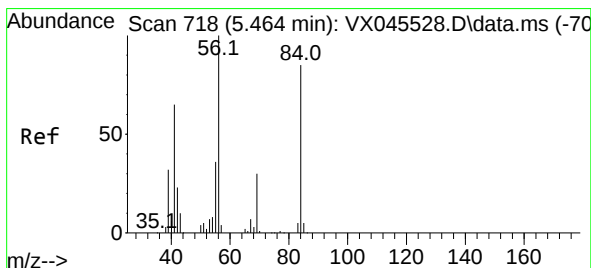
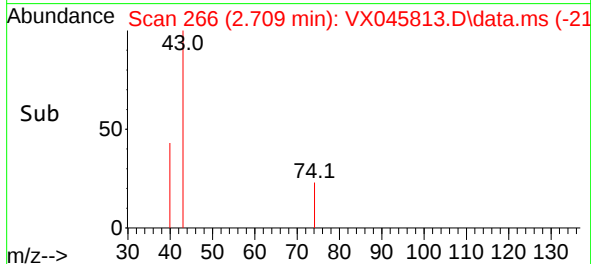
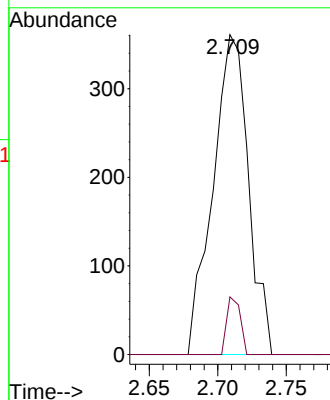
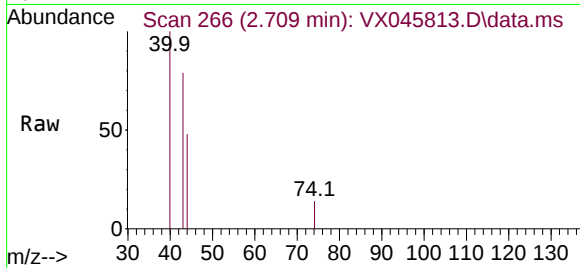




#18
Methyl Acetate
Concen: 0.500 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045813.D
Acq: 16 Apr 2025 17:17

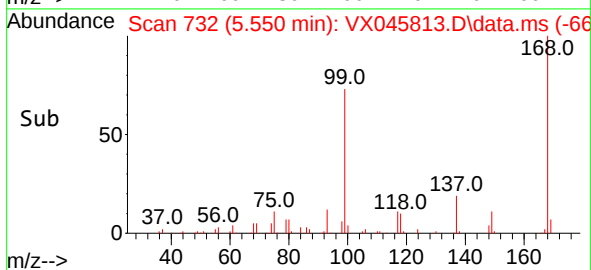
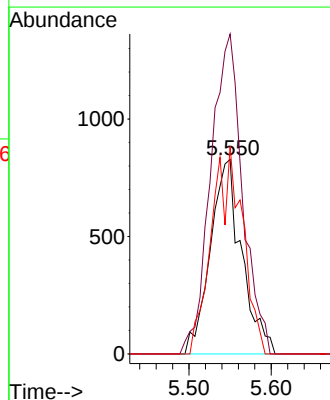
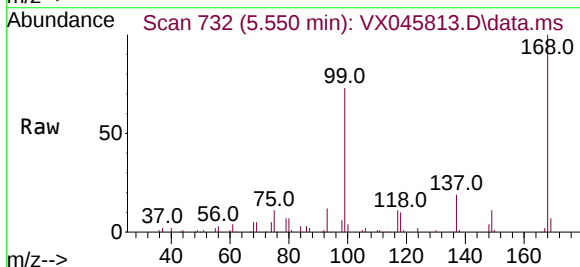
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 43 Resp: 652
Ion Ratio Lower Upper
43 100
74 6.7 17.5 26.3#



#31
Cyclohexane
Concen: 1.295 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX045813.D
Acq: 16 Apr 2025 17:17

Tgt Ion: 56 Resp: 2192
Ion Ratio Lower Upper
56 100
69 164.5 23.6 35.4#
84 106.8 67.7 101.5#





#33

1,2-Dichloroethane-d4

Concen: 53.767 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045813.D

Acq: 16 Apr 2025 17:17

Instrument :

MSVOA_X

ClientSampleId :

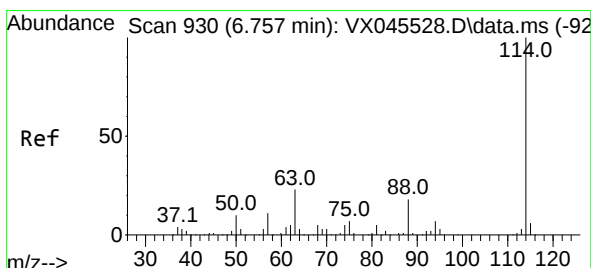
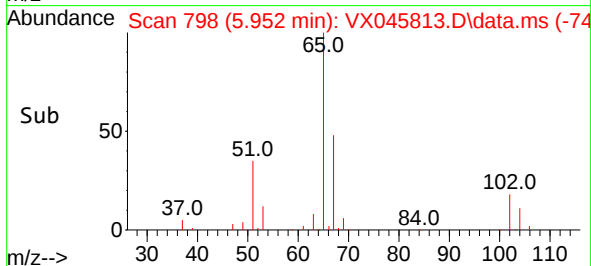
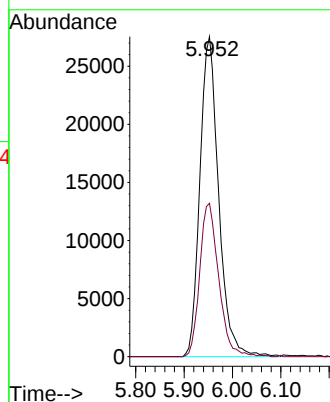
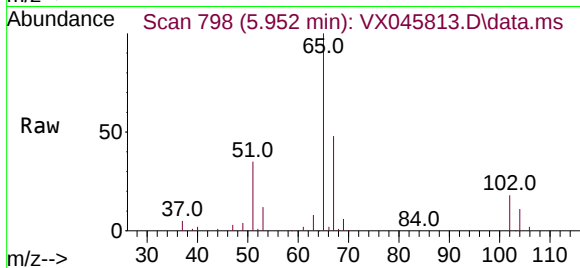
IBLK

Tgt Ion: 65 Resp: 74217

Ion Ratio Lower Upper

65 100

67 48.4 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: VX045813.D

Acq: 16 Apr 2025 17:17

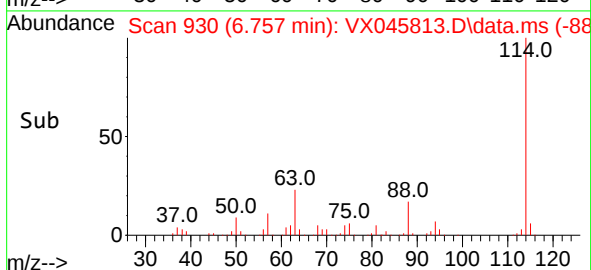
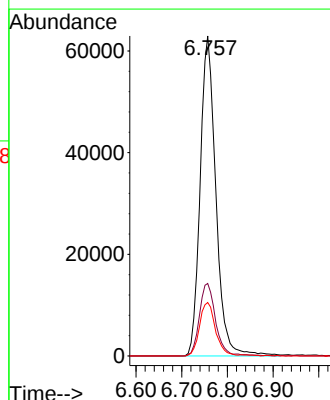
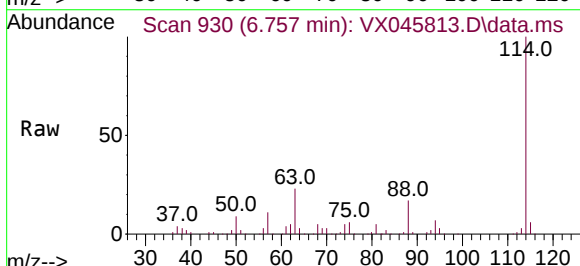
Tgt Ion: 114 Resp: 150229

Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.8

88 16.7 0.0 35.4

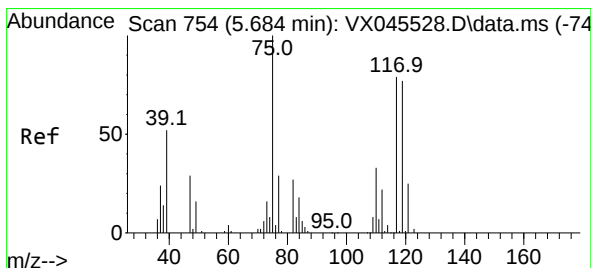
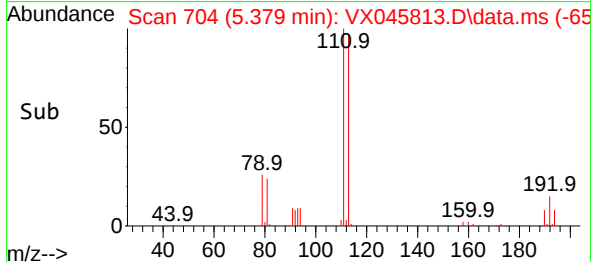
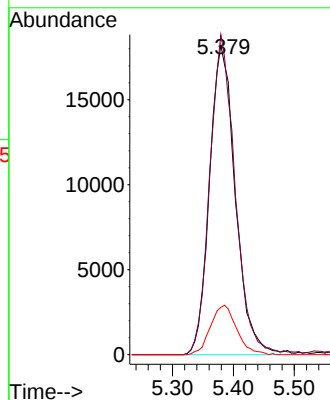
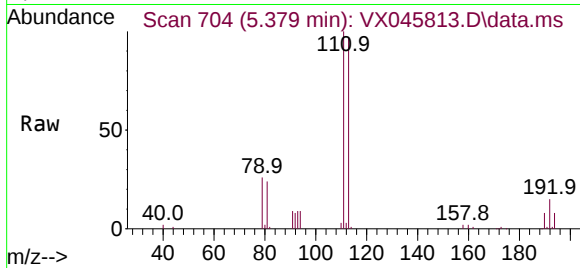




#35
Dibromofluoromethane
Concen: 50.263 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045813.D
Acq: 16 Apr 2025 17:17

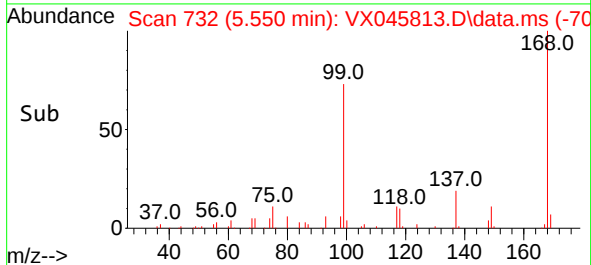
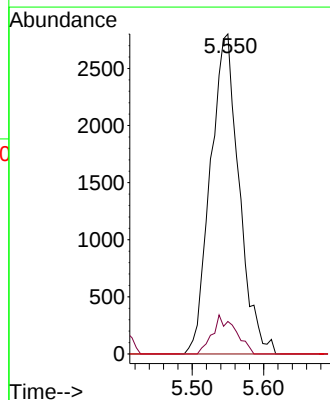
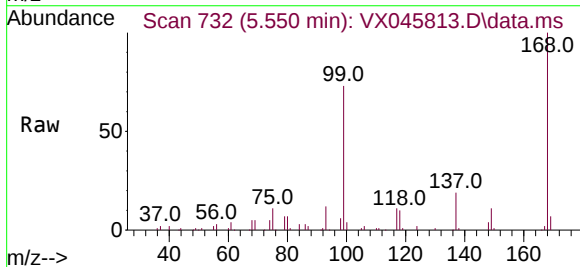
Instrument :
MSVOA_X
ClientSampleId :
IBLK

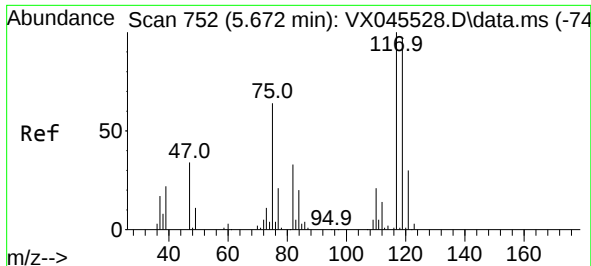
Tgt Ion:113 Resp: 53574
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.6
192 16.2 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.425 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX045813.D
Acq: 16 Apr 2025 17:17

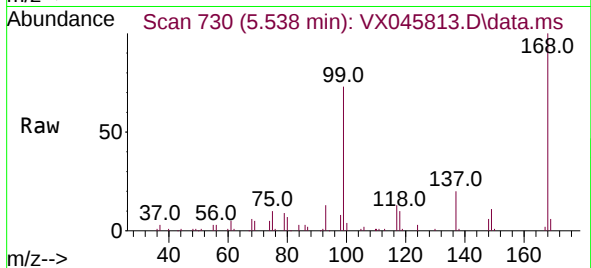
Tgt Ion: 75 Resp: 7808
Ion Ratio Lower Upper
75 100
110 9.8 16.9 50.6#
77 0.0 25.0 37.4#



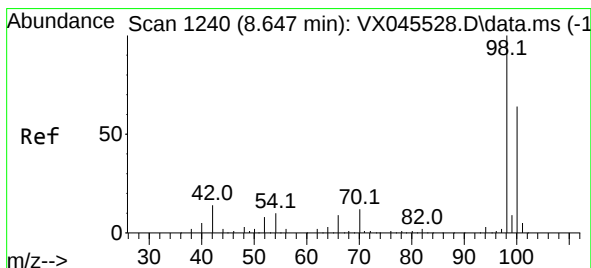
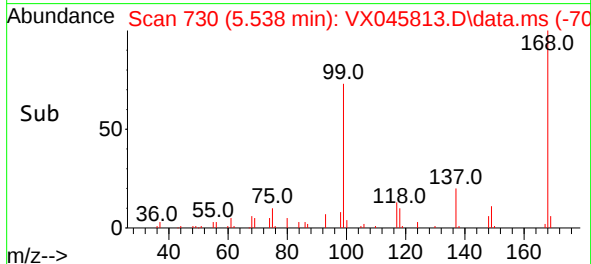
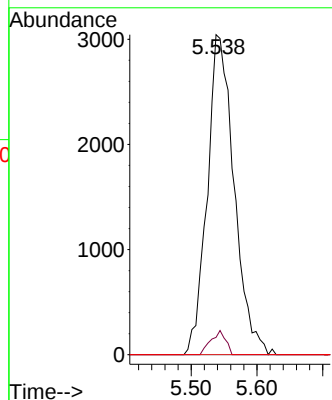


#38
Carbon Tetrachloride
Concen: 5.568 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX045813.D
Acq: 16 Apr 2025 17:17

Instrument :
MSVOA_X
ClientSampleId :
IBLK

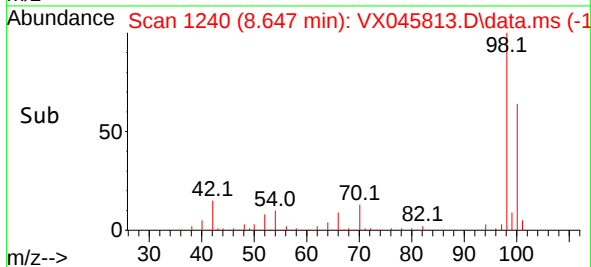
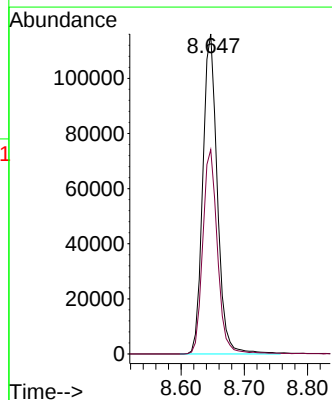
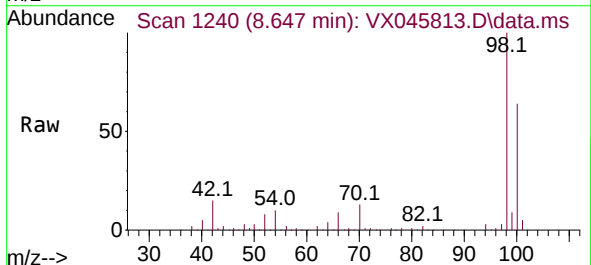


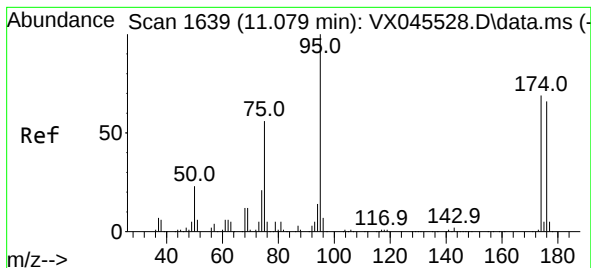
Tgt Ion:117 Resp: 8661
Ion Ratio Lower Upper
117 100
119 5.4 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.931 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045813.D
Acq: 16 Apr 2025 17:17

Tgt Ion: 98 Resp: 185759
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4

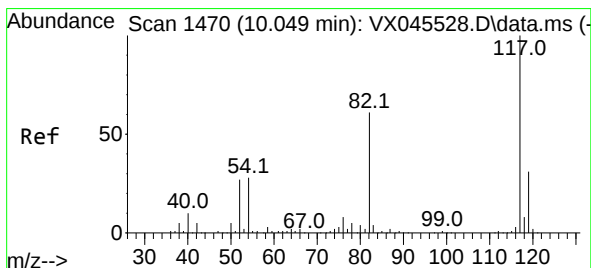
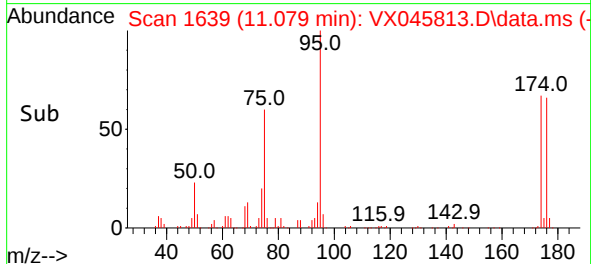
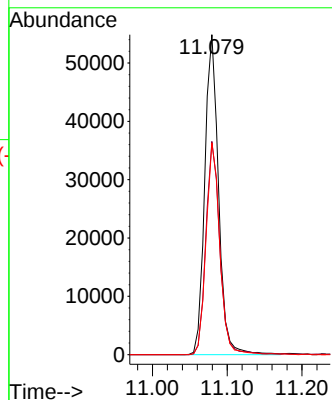
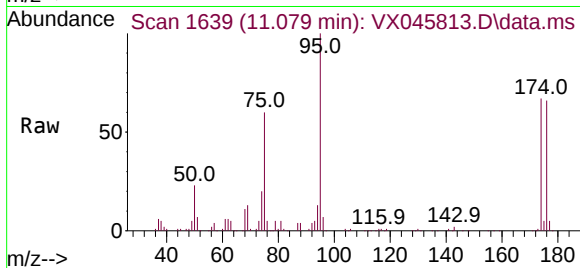




#62
4-Bromofluorobenzene
Concen: 51.847 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045813.D
Acq: 16 Apr 2025 17:17

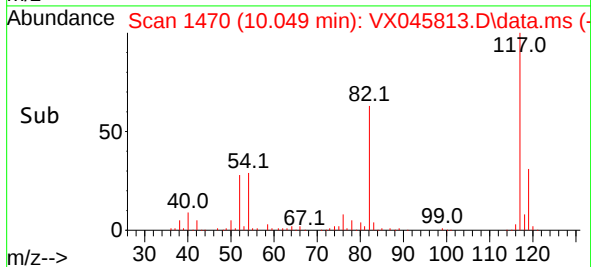
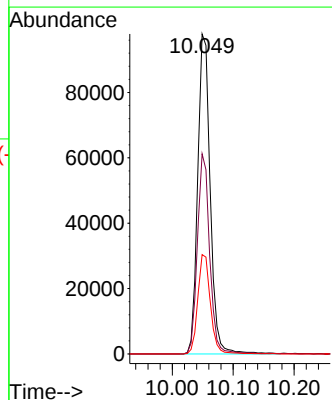
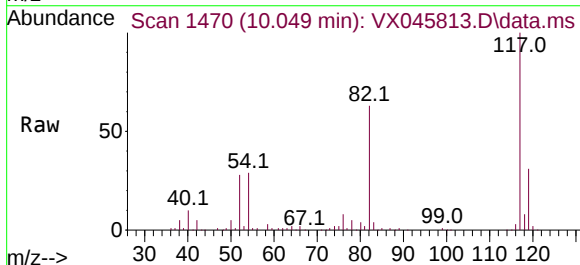
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 70259
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.8
176 66.0 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: VX045813.D
Acq: 16 Apr 2025 17:17

Tgt Ion: 117 Resp: 139284
Ion Ratio Lower Upper
117 100
82 62.6 49.2 73.8
119 31.1 25.1 37.7

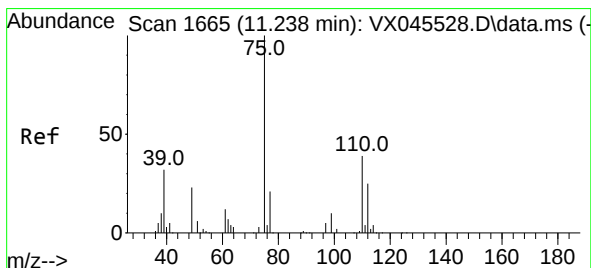
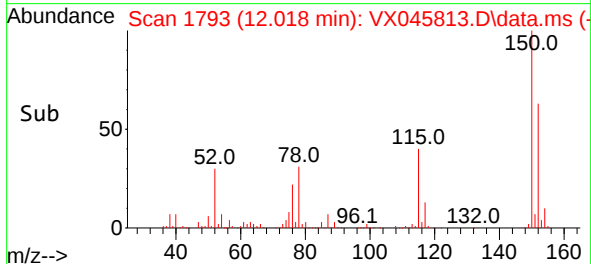
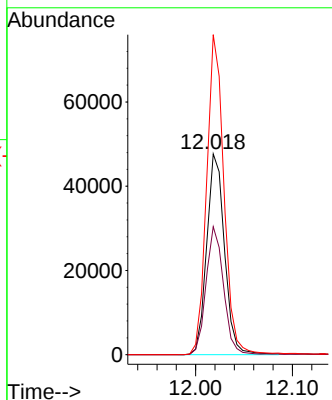
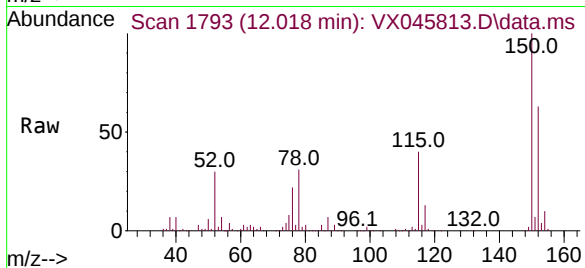




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045813.D
 Acq: 16 Apr 2025 17:17

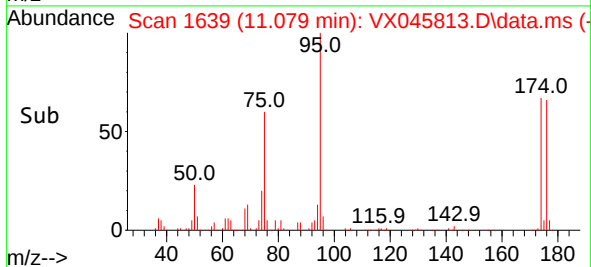
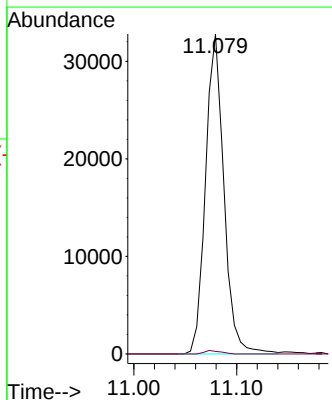
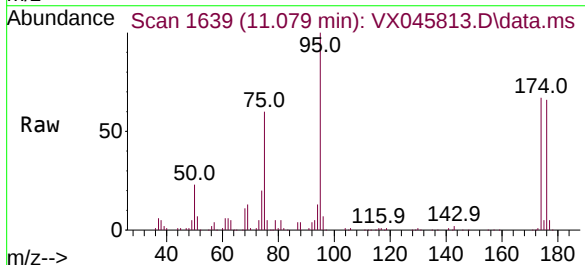
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

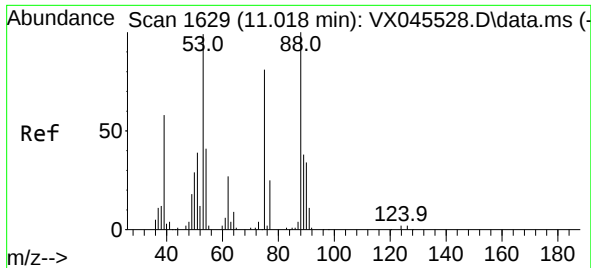
Tgt Ion:152 Resp: 61170
 Ion Ratio Lower Upper
 152 100
 115 62.8 46.9 140.7
 150 155.0 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 27.311 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX045813.D
 Acq: 16 Apr 2025 17:17

Tgt Ion: 75 Resp: 40750
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.690 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX045813.D
 Acq: 16 Apr 2025 17:17

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 40750
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

