

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045680.D
 Acq On : 09 Apr 2025 16:52
 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 10 01:36:37 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	70975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139082	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70921	54.641	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.280%	
35) Dibromofluoromethane	5.379	113	50768	51.448	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.900%	
50) Toluene-d8	8.647	98	174476	50.657	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.320%	
62) 4-Bromofluorobenzene	11.079	95	66174	52.746	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.500%	
Target Compounds						
					Qvalue	
13) Acrolein	2.240	56	53	0.221	ug/l #	15
16) Acetone	2.380	43	364	0.683	ug/l #	81
18) Methyl Acetate	2.697	43	702	0.572	ug/l #	54
31) Cyclohexane	5.544	56	1981	1.244	ug/l #	55
36) 1,1-Dichloropropene	5.544	75	6914	5.189	ug/l #	51
38) Carbon Tetrachloride	5.538	117	8354	5.802	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1072	0.635	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38053	28.002	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	38053	95.035	ug/l #	1

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

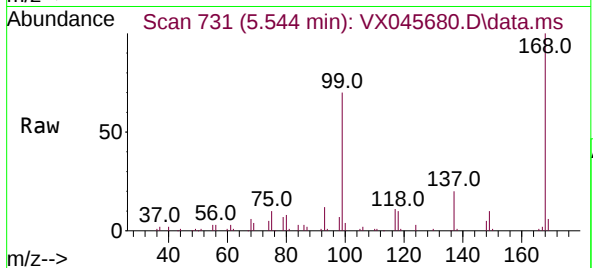
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



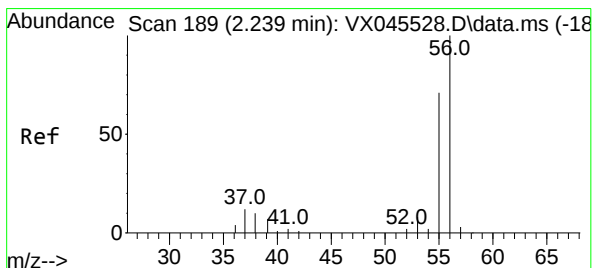
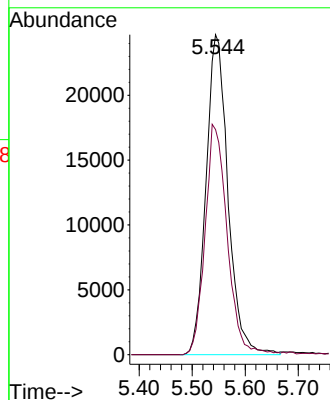
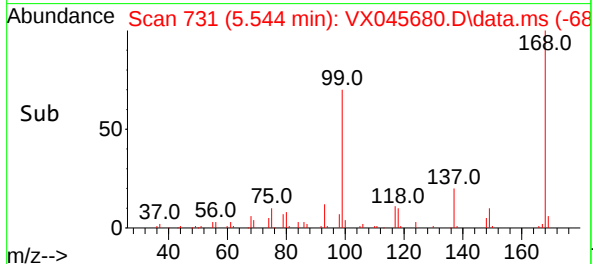


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045680.D
Acq: 09 Apr 2025 16:52

Instrument :
MSVOA_X
ClientSampleId :
IBLK

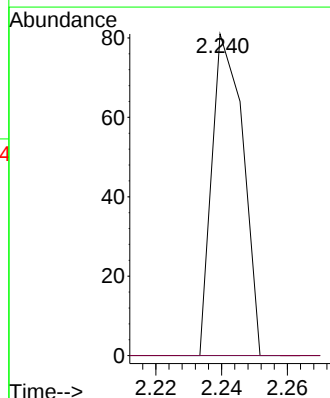
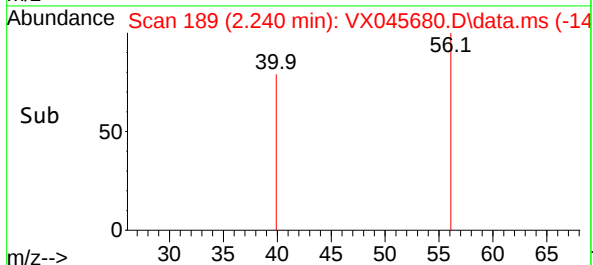
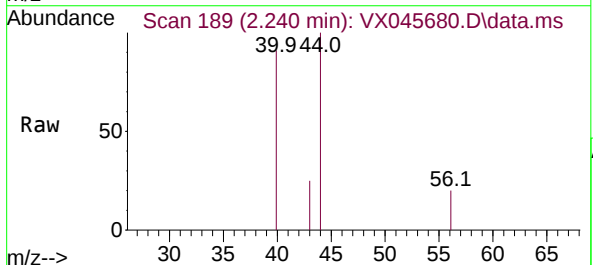


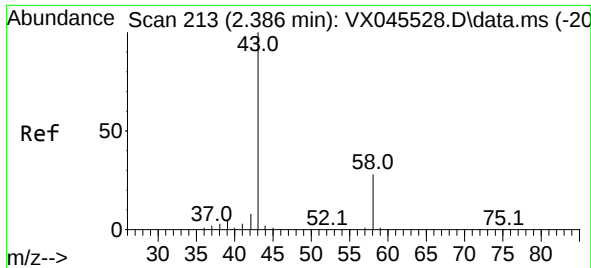
Tgt Ion:168 Resp: 70975
Ion Ratio Lower Upper
168 100
99 70.3 52.3 78.5



#13
Acrolein
Concen: 0.221 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX045680.D
Acq: 09 Apr 2025 16:52

Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 0.0 56.2 84.2#





#16

Acetone

Concen: 0.683 ug/l

RT: 2.380 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX045680.D

Acq: 09 Apr 2025 16:52

Instrument :

MSVOA_X

ClientSampleId :

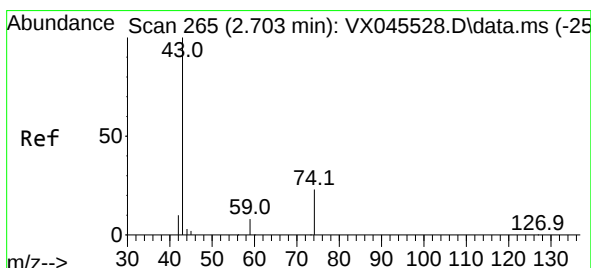
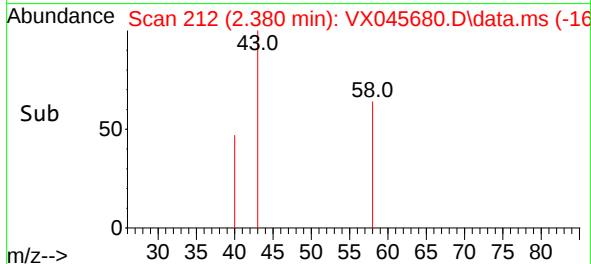
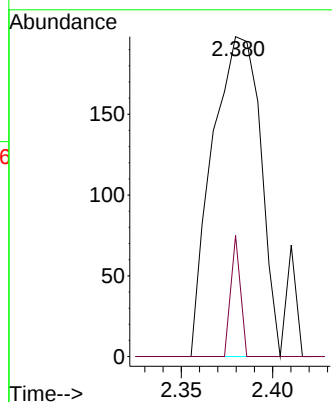
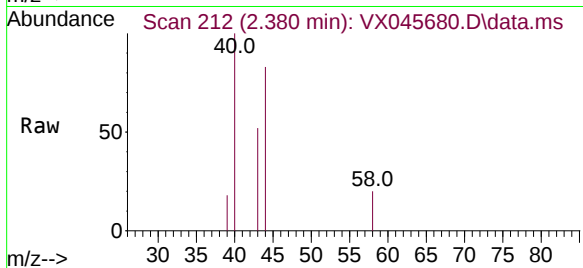
IBLK

Tgt Ion: 43 Resp: 364

Ion Ratio Lower Upper

43 100

58 37.9 22.3 33.5#



#18

Methyl Acetate

Concen: 0.572 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX045680.D

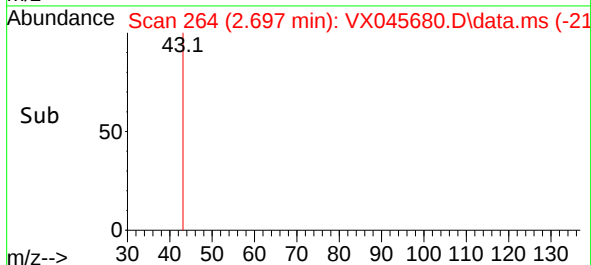
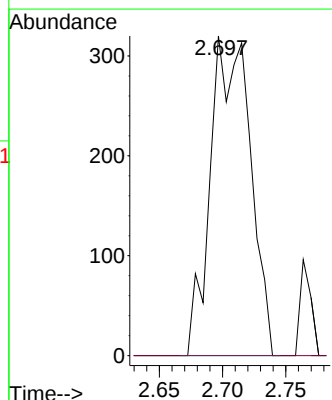
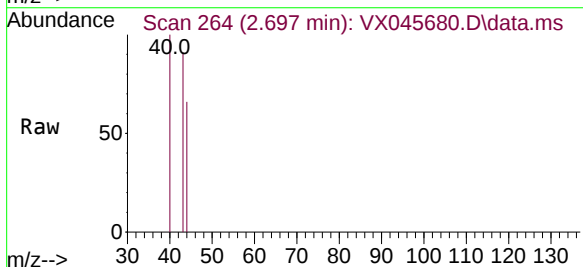
Acq: 09 Apr 2025 16:52

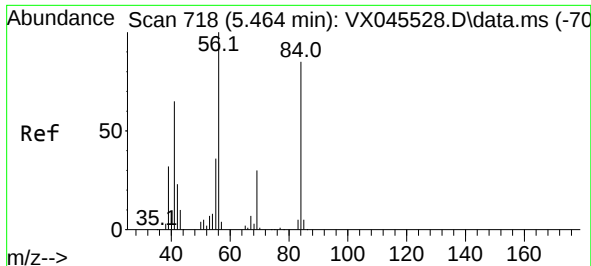
Tgt Ion: 43 Resp: 702

Ion Ratio Lower Upper

43 100

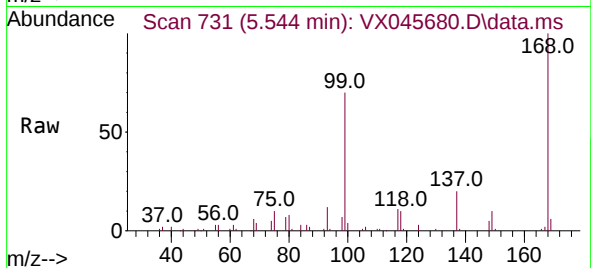
74 0.0 17.5 26.3#



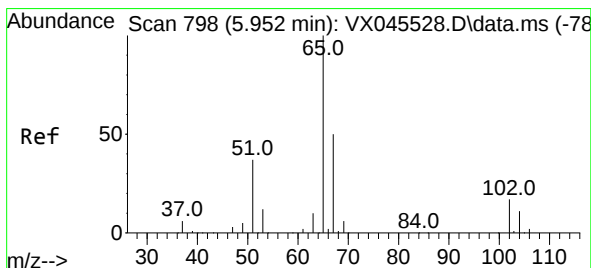
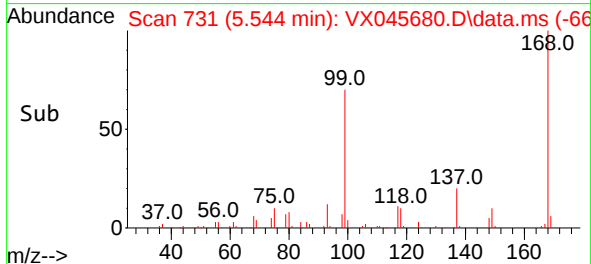
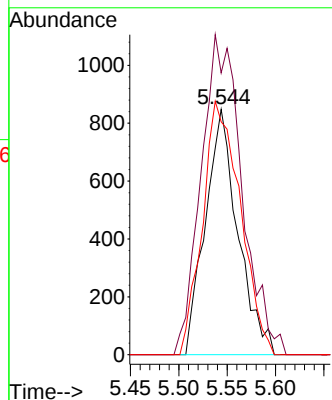


#31
Cyclohexane
Concen: 1.244 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045680.D
Acq: 09 Apr 2025 16:52

Instrument :
MSVOA_X
ClientSampleId :
IBLK

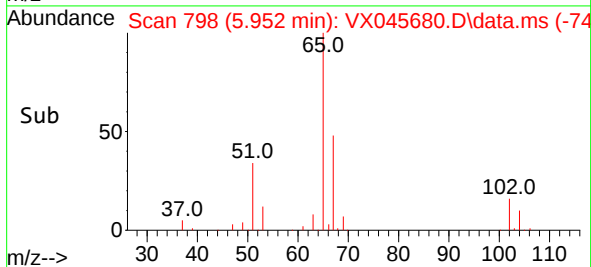
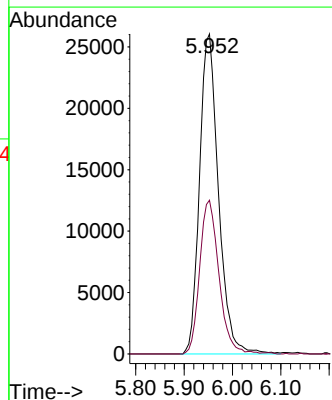
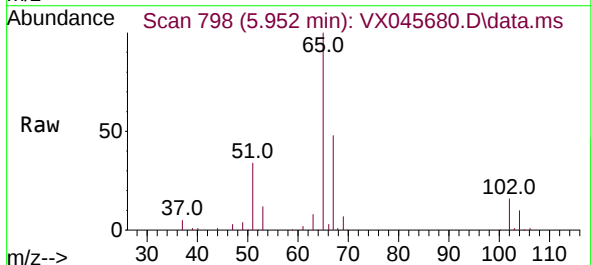


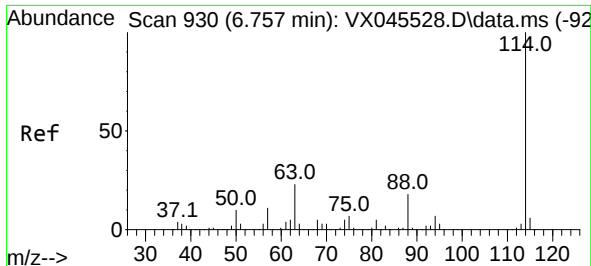
Tgt Ion: 56 Resp: 1981
Ion Ratio Lower Upper
56 100
69 106.5 23.6 35.4#
84 94.9 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 54.641 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045680.D
Acq: 09 Apr 2025 16:52

Tgt Ion: 65 Resp: 70921
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.0

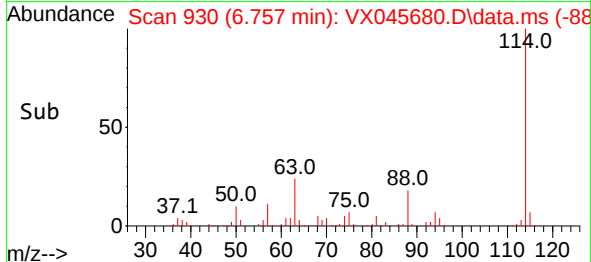
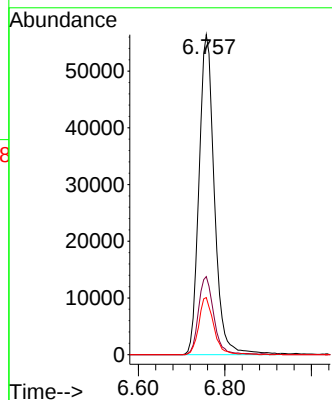
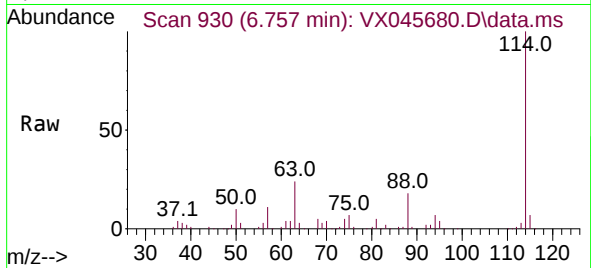




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045680.D
Acq: 09 Apr 2025 16:52

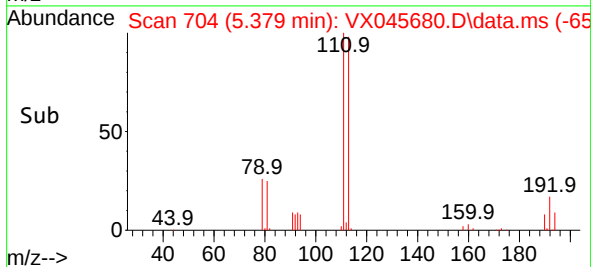
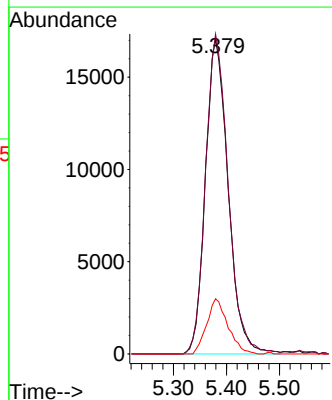
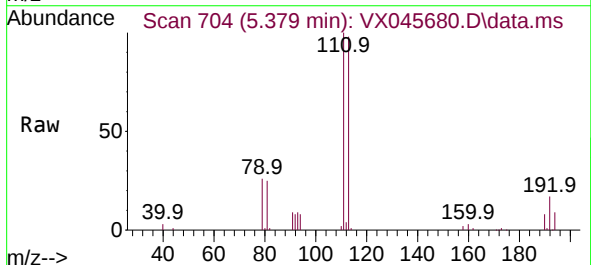
Instrument :
MSVOA_X
ClientSampleId :
IBLK

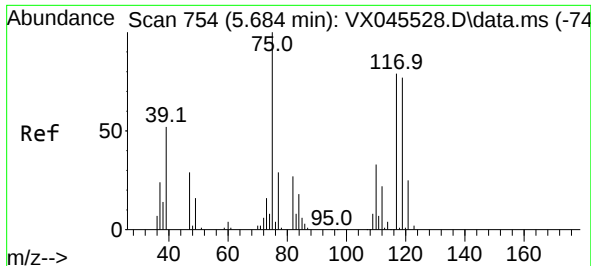
Tgt Ion:114 Resp: 139082
Ion Ratio Lower Upper
114 100
63 24.4 0.0 46.8
88 17.9 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.448 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045680.D
Acq: 09 Apr 2025 16:52

Tgt Ion:113 Resp: 50768
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.6
192 16.3 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.189 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045680.D

Acq: 09 Apr 2025 16:52

Instrument :

MSVOA_X

ClientSampleId :

IBLK

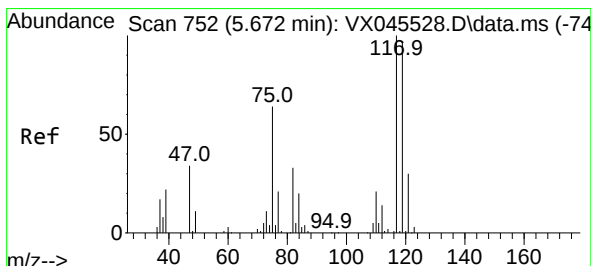
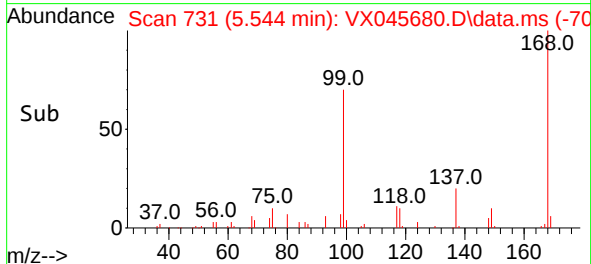
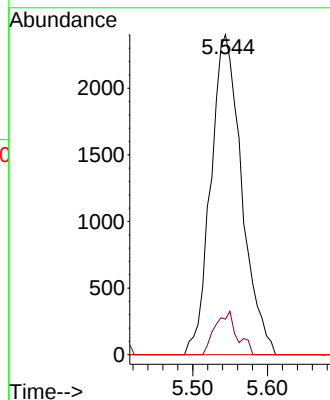
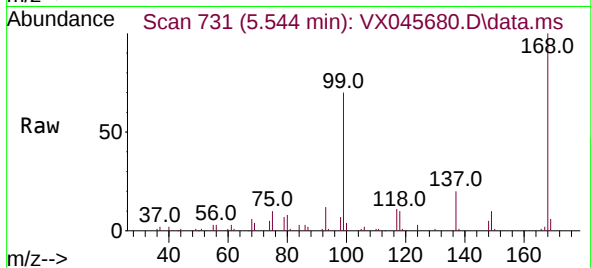
Tgt Ion: 75 Resp: 6914

Ion Ratio Lower Upper

75 100

110 9.6 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.802 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.134 min

Lab File: VX045680.D

Acq: 09 Apr 2025 16:52

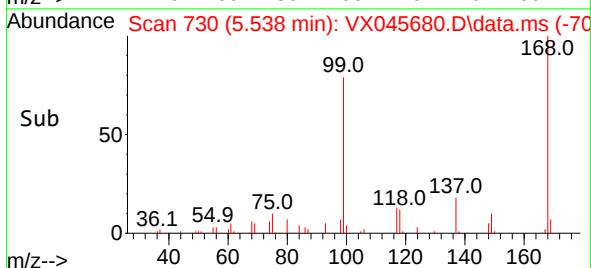
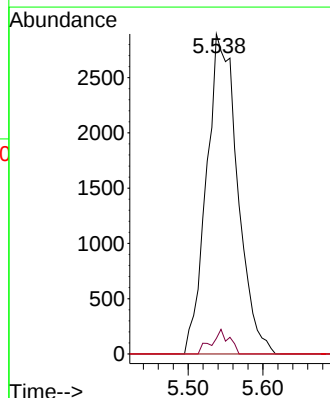
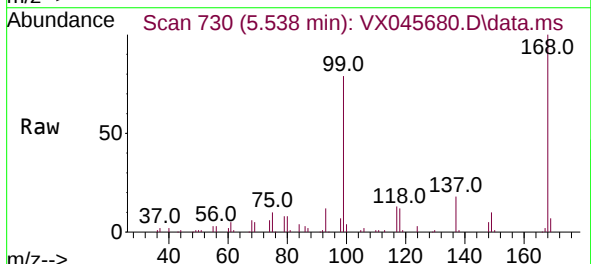
Tgt Ion: 117 Resp: 8354

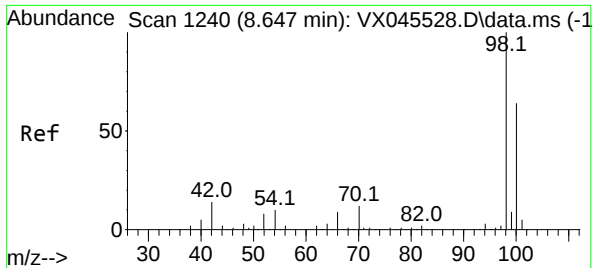
Ion Ratio Lower Upper

117 100

119 4.9 76.9 115.3#

121 0.0 24.2 36.2#

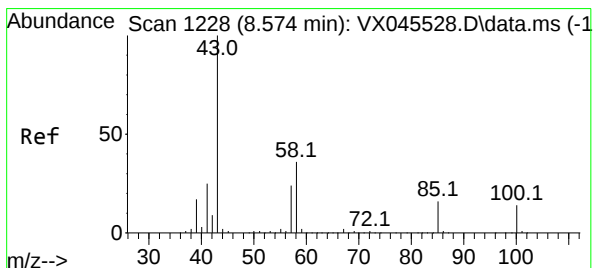
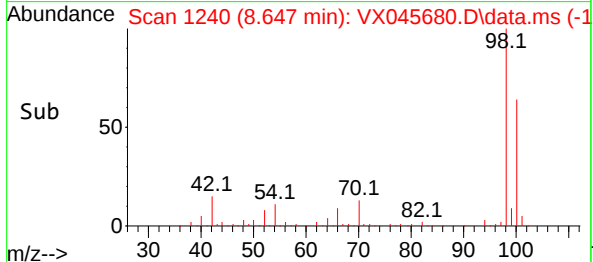
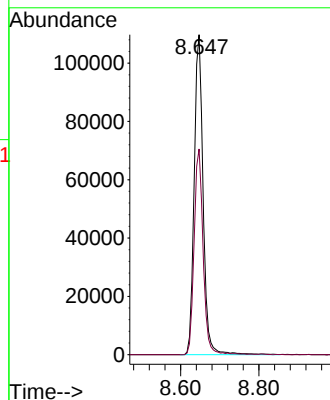
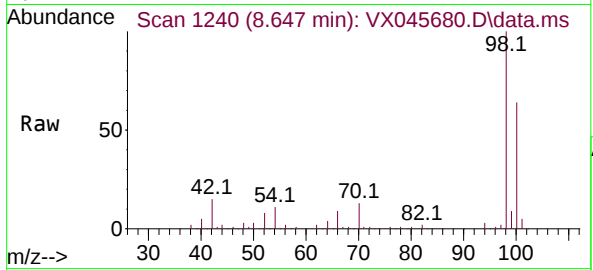




#50
Toluene-d8
Concen: 50.657 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045680.D
Acq: 09 Apr 2025 16:52

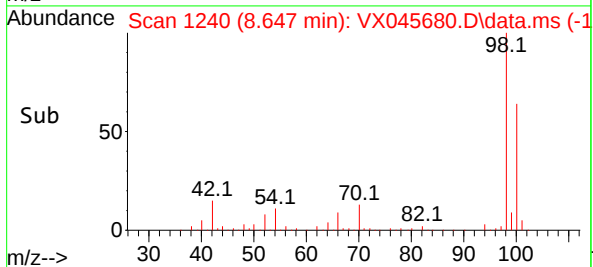
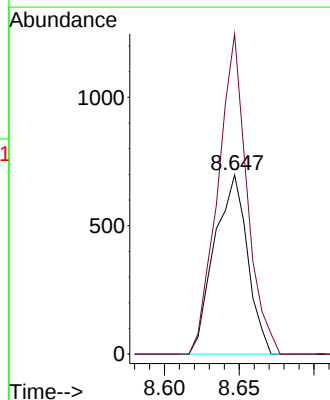
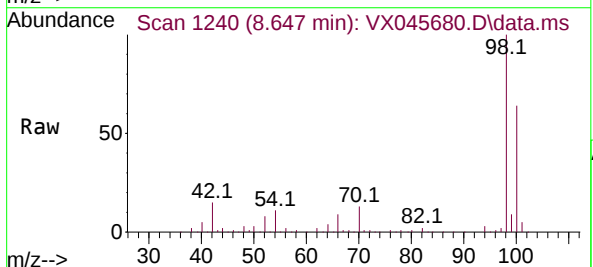
Instrument :
MSVOA_X
ClientSampleId :
IBLK

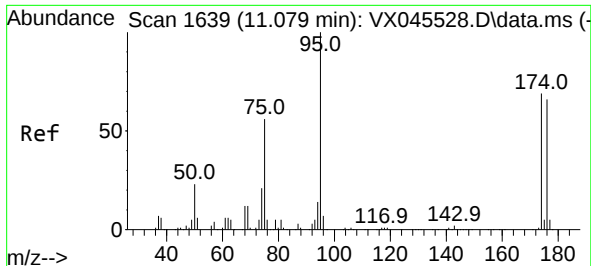
Tgt Ion: 98 Resp: 174476
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.635 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045680.D
Acq: 09 Apr 2025 16:52

Tgt Ion: 43 Resp: 1072
Ion Ratio Lower Upper
43 100
58 157.8 28.5 42.7#





#62

4-Bromofluorobenzene

Concen: 52.746 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045680.D

Acq: 09 Apr 2025 16:52

Instrument :

MSVOA_X

ClientSampleId :

IBLK

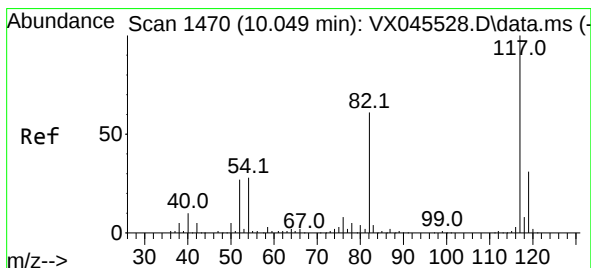
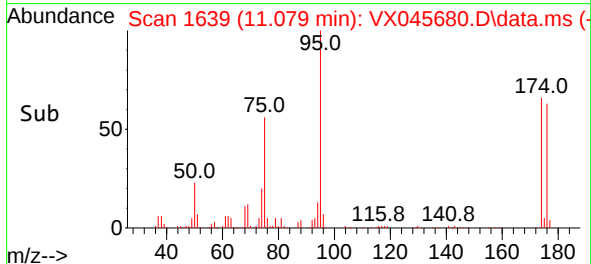
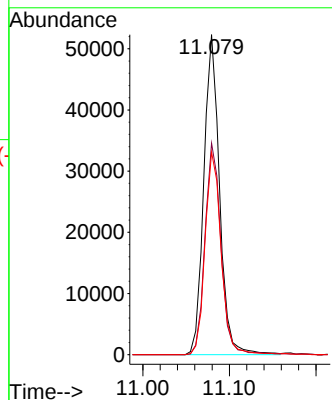
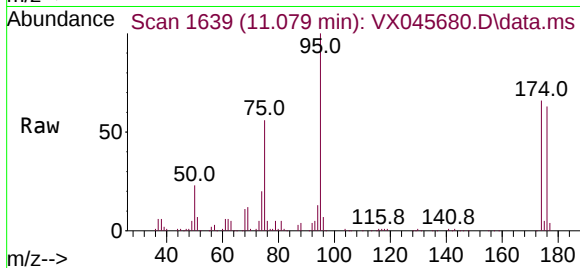
Tgt Ion: 95 Resp: 66174

Ion Ratio Lower Upper

95 100

174 67.3 0.0 135.8

176 64.6 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: VX045680.D

Acq: 09 Apr 2025 16:52

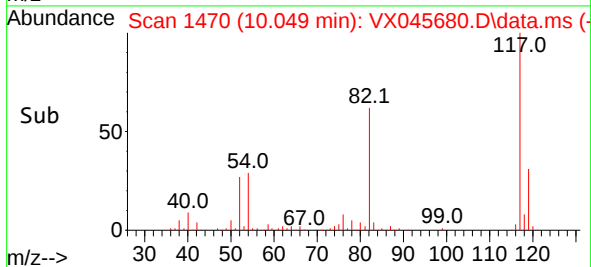
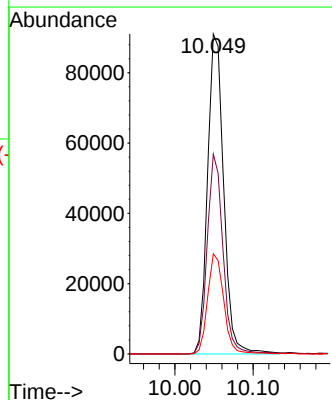
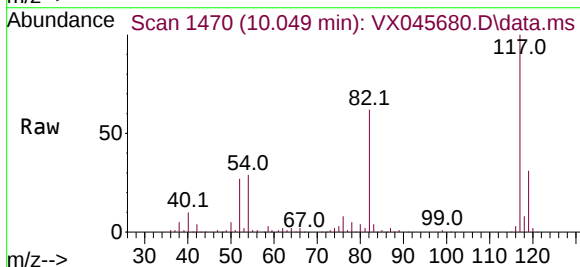
Tgt Ion: 117 Resp: 129872

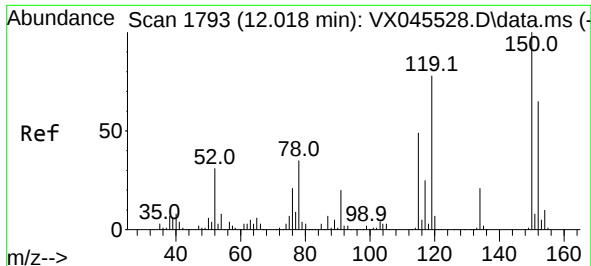
Ion Ratio Lower Upper

117 100

82 62.5 49.2 73.8

119 31.3 25.1 37.7

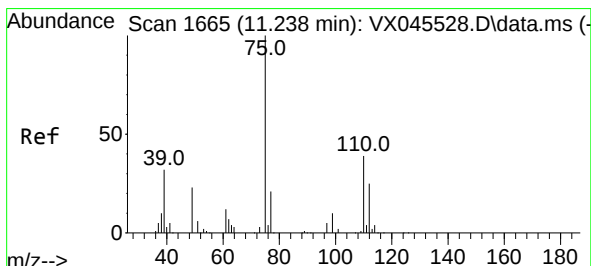
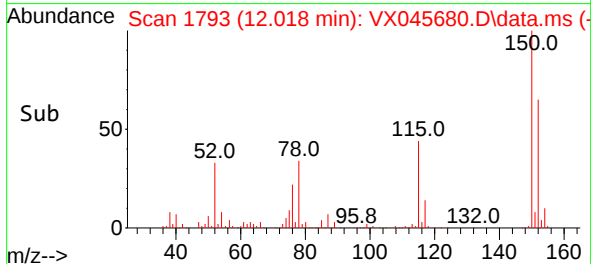
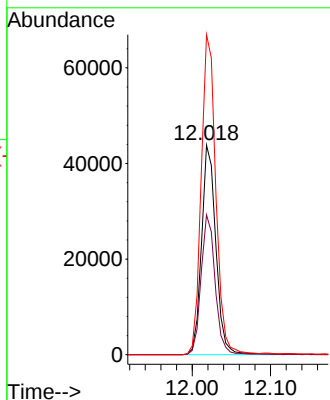
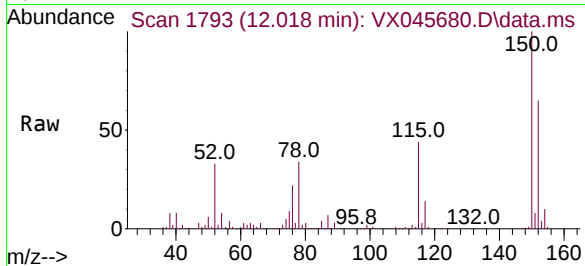




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045680.D
 Acq: 09 Apr 2025 16:52

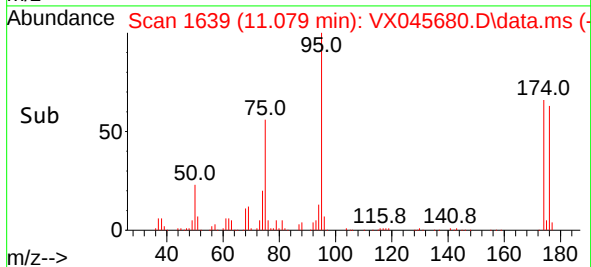
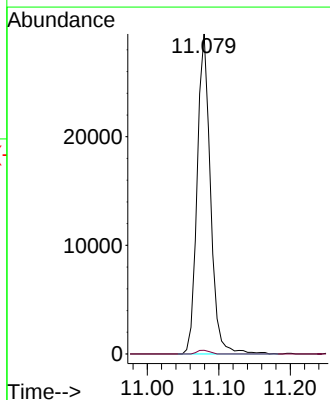
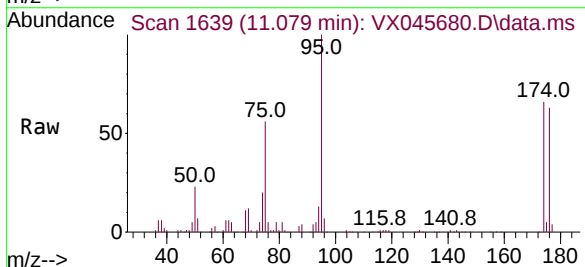
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

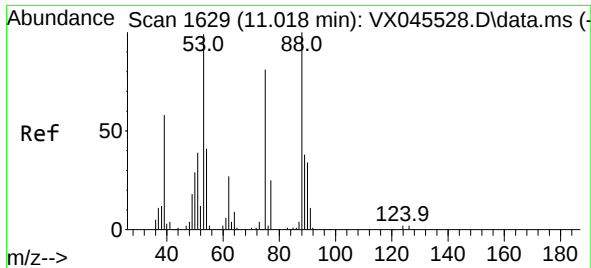
Tgt Ion:152 Resp: 55712
 Ion Ratio Lower Upper
 152 100
 115 65.6 46.9 140.7
 150 155.7 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 28.002 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX045680.D
 Acq: 09 Apr 2025 16:52

Tgt Ion: 75 Resp: 38053
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.035 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045680.D
 Acq: 09 Apr 2025 16:52

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 38053
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

