

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
 Data File : VX045910.D
 Acq On : 23 Apr 2025 15:20
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 24 02:15:37 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)

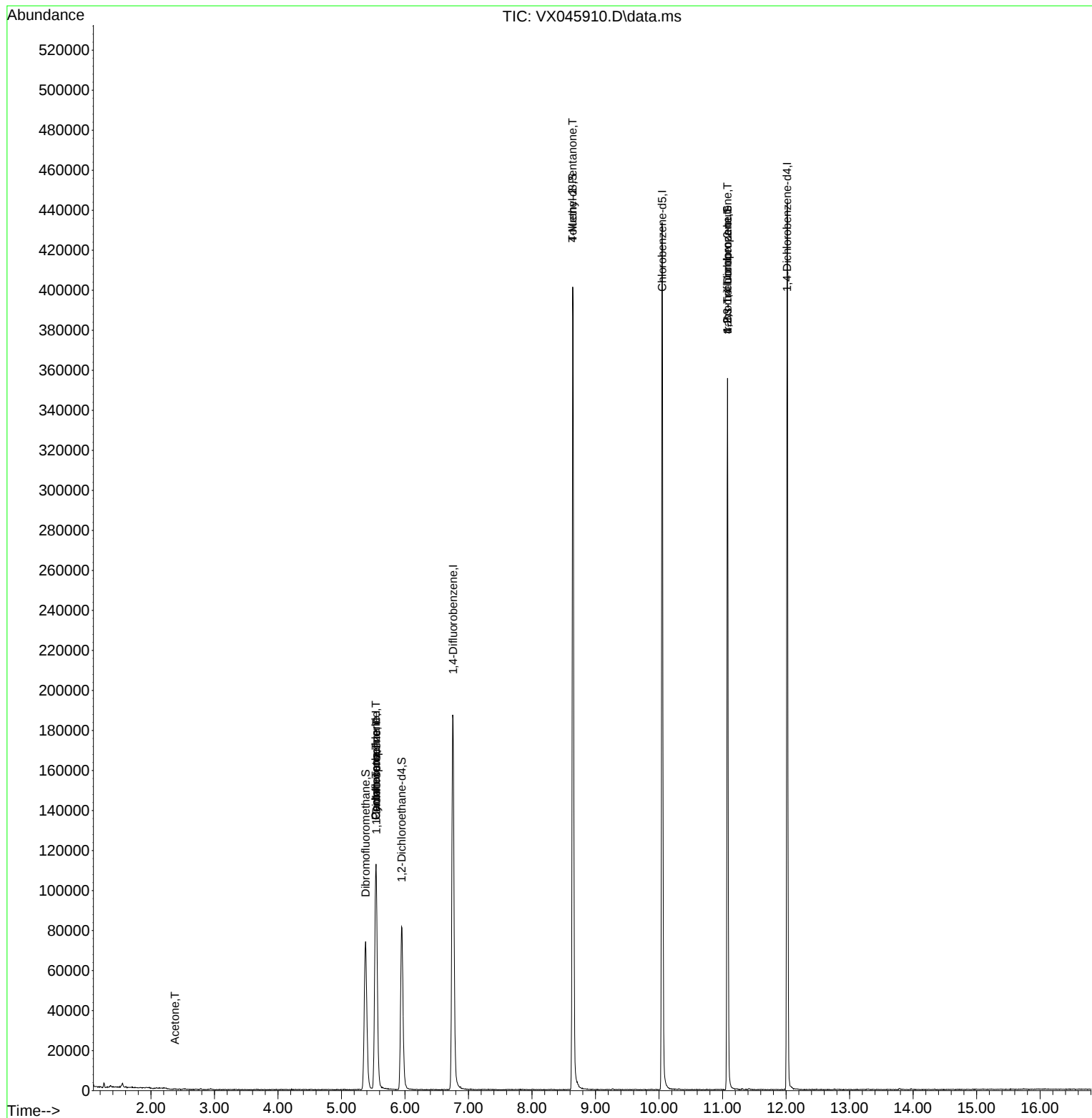
Internal Standards						
1) Pentafluorobenzene	5.544	168	95072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181488	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	174128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83983	48.304	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.600%
35) Dibromofluoromethane	5.379	113	62835	48.798	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.600%
50) Toluene-d8	8.641	98	233866	52.035	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.060%
62) 4-Bromofluorobenzene	11.079	95	92017	56.207	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.420%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	440	0.616	ug/l #	88
31) Cyclohexane	5.544	56	2672	1.253	ug/l #	36
36) 1,1-Dichloropropene	5.550	75	9492	5.460	ug/l #	49
38) Carbon Tetrachloride	5.544	117	11243	5.984	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1350	0.613	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52787	27.430	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	52787	93.094	ug/l #	1

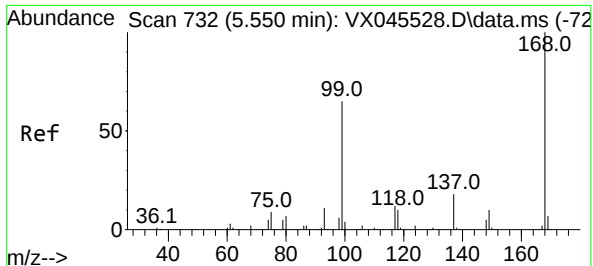
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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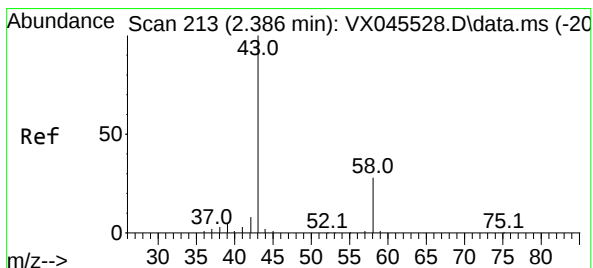
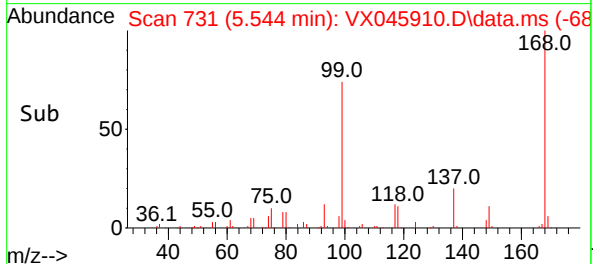
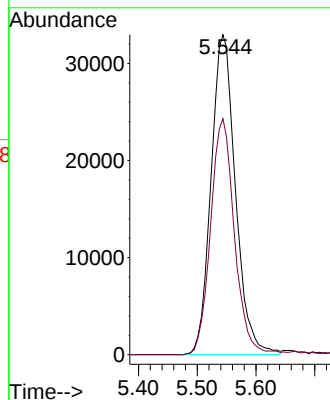
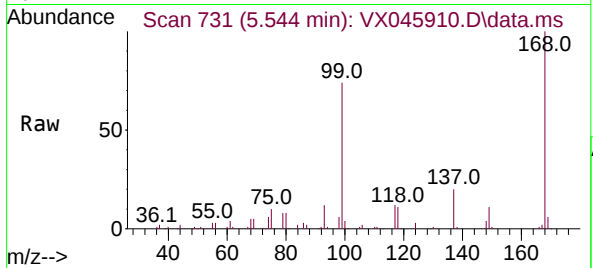




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045910.D
Acq: 23 Apr 2025 15:20

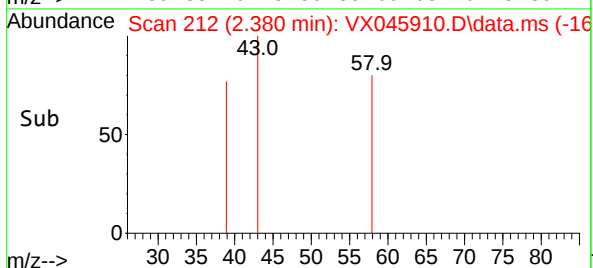
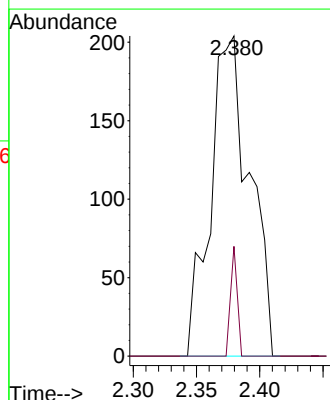
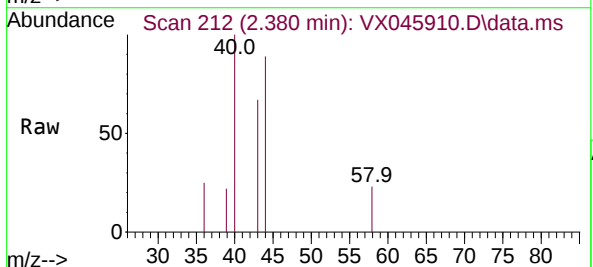
Instrument :
MSVOA_X
ClientSampleId :
IBLK

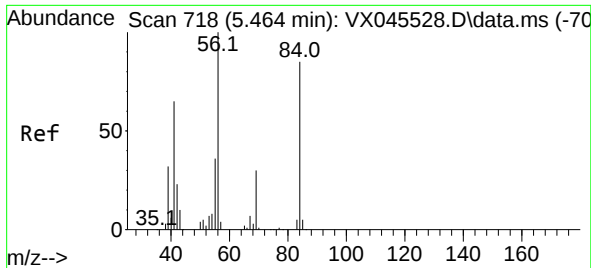
Tgt Ion:168 Resp: 95072
Ion Ratio Lower Upper
168 100
99 73.8 52.3 78.5



#16
Acetone
Concen: 0.616 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045910.D
Acq: 23 Apr 2025 15:20

Tgt Ion: 43 Resp: 440
Ion Ratio Lower Upper
43 100
58 34.3 22.3 33.5#

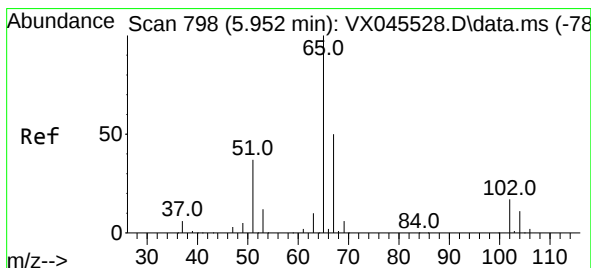
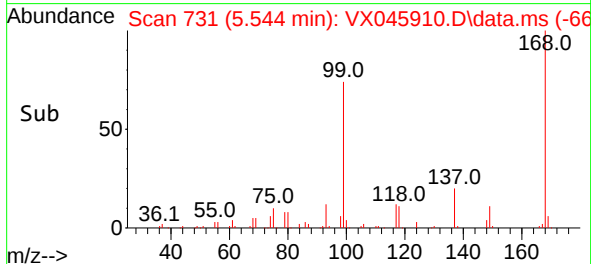
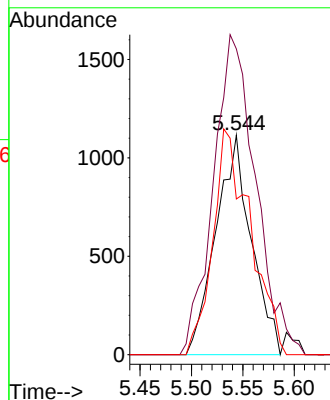
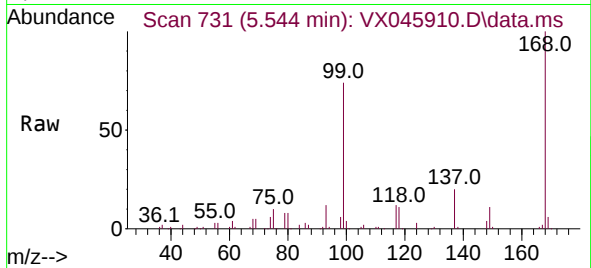




#31
Cyclohexane
Concen: 1.253 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045910.D
Acq: 23 Apr 2025 15:20

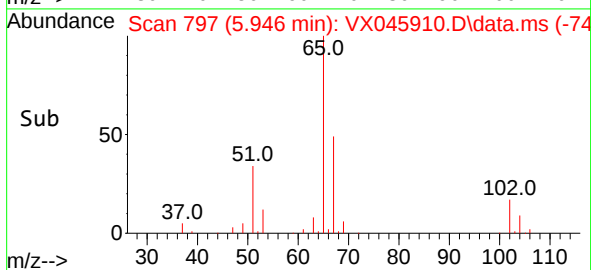
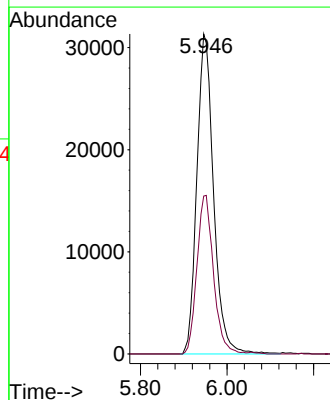
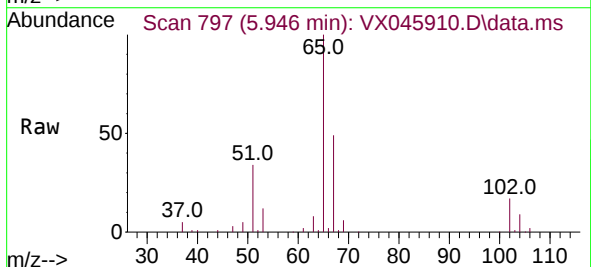
Instrument :
MSVOA_X
ClientSampleId :
IBLK

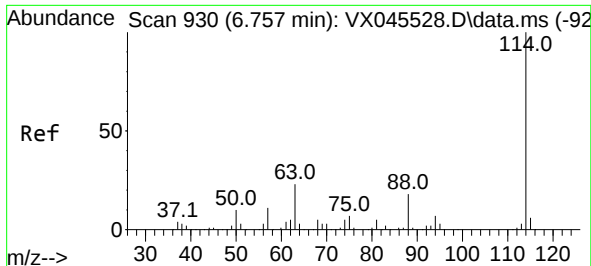
Tgt Ion: 56 Resp: 2672
Ion Ratio Lower Upper
56 100
69 139.4 23.6 35.4#
84 70.9 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 48.304 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045910.D
Acq: 23 Apr 2025 15:20

Tgt Ion: 65 Resp: 83983
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.0

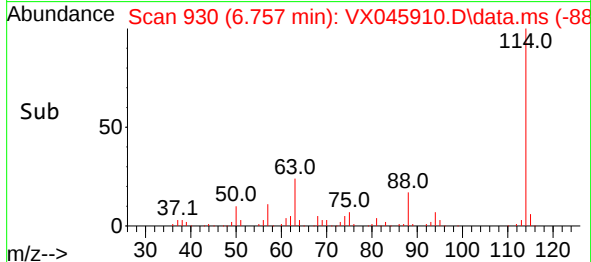
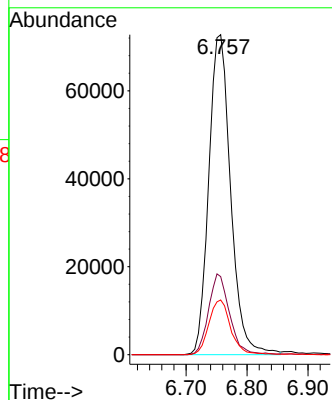
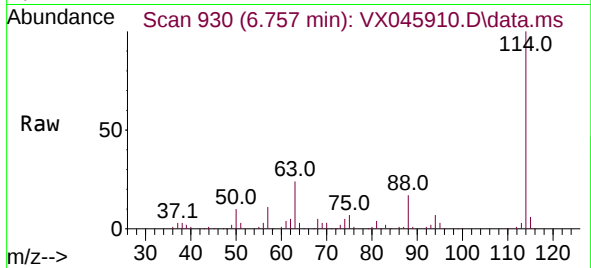




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045910.D
Acq: 23 Apr 2025 15:20

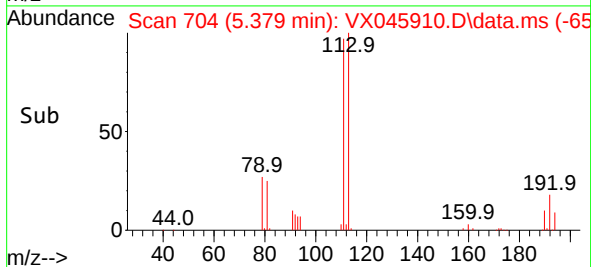
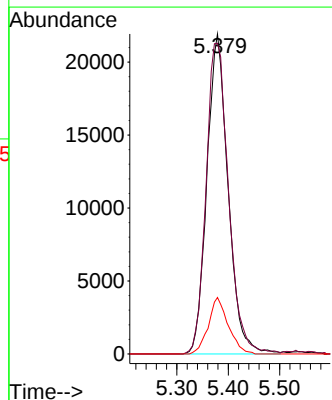
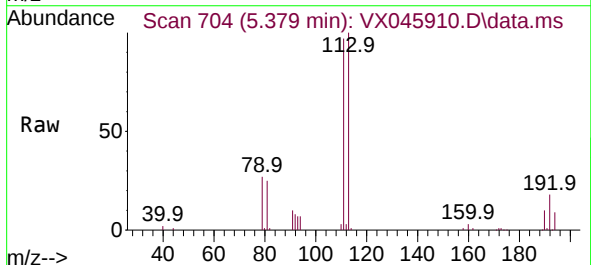
Instrument :
MSVOA_X
ClientSampleId :
IBLK

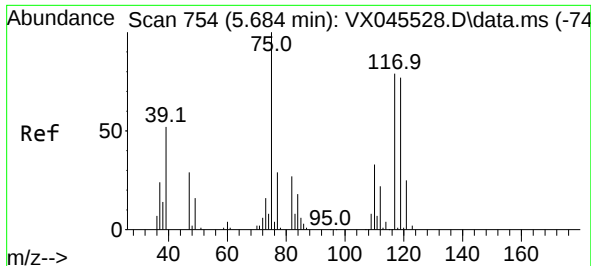
Tgt Ion:114 Resp: 181488
Ion Ratio Lower Upper
114 100
63 24.4 0.0 46.8
88 17.1 0.0 35.4



#35
Dibromofluoromethane
Concen: 48.798 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045910.D
Acq: 23 Apr 2025 15:20

Tgt Ion:113 Resp: 62835
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.6
192 16.6 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.460 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX045910.D

Acq: 23 Apr 2025 15:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK

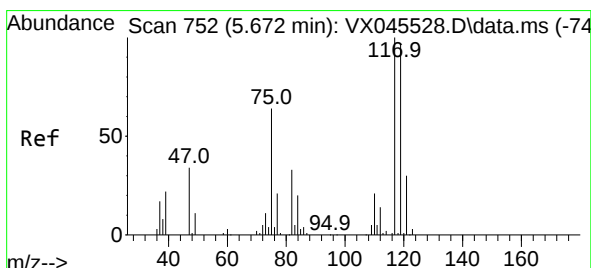
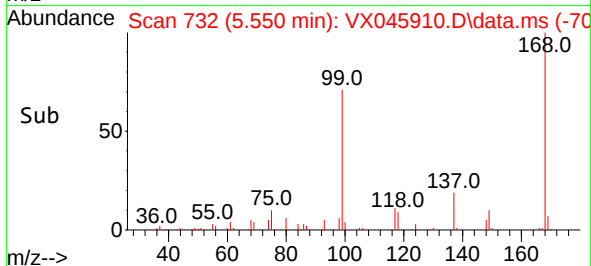
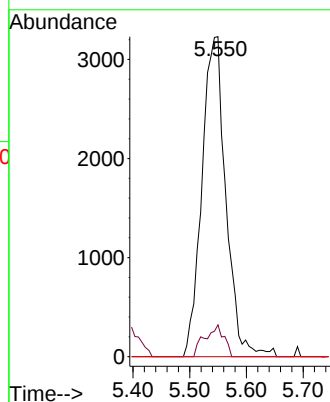
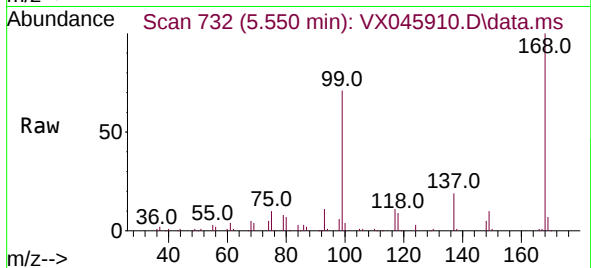
Tgt Ion: 75 Resp: 9492

Ion Ratio Lower Upper

75 100

110 7.9 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.984 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045910.D

Acq: 23 Apr 2025 15:20

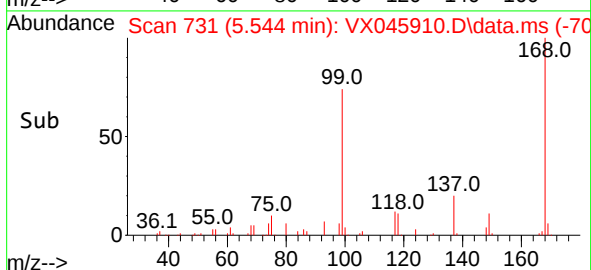
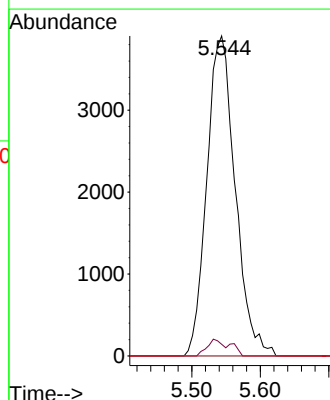
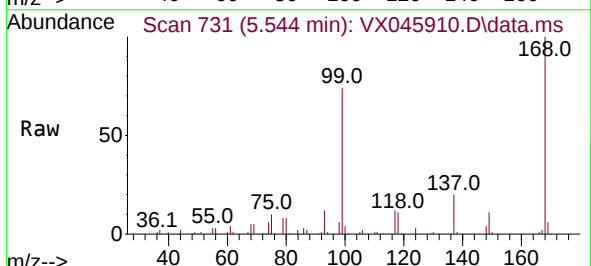
Tgt Ion: 117 Resp: 11243

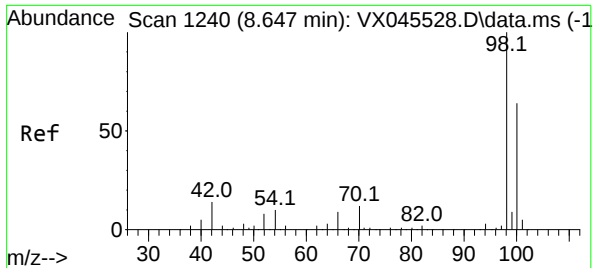
Ion Ratio Lower Upper

117 100

119 3.7 76.9 115.3#

121 0.0 24.2 36.2#

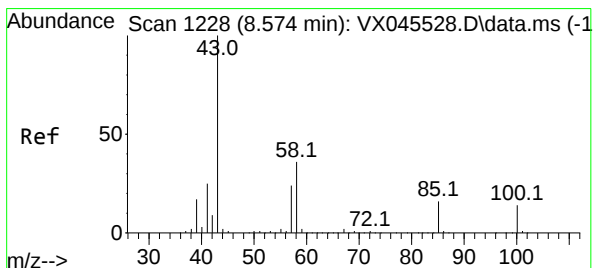
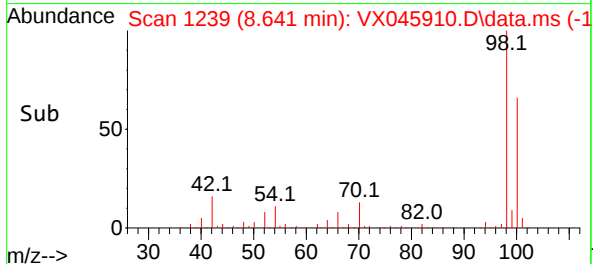
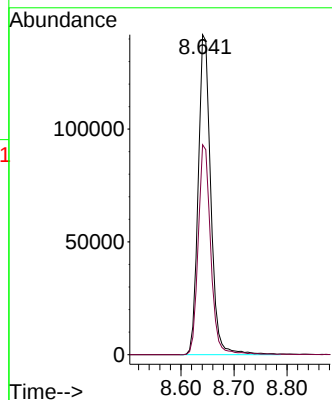
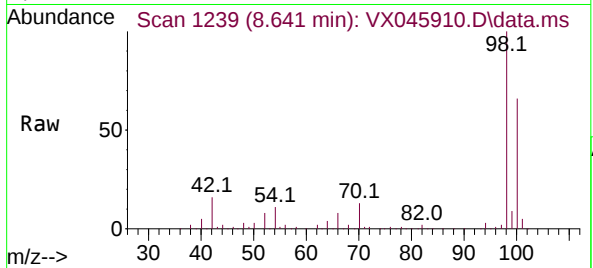




#50
Toluene-d8
Concen: 52.035 ug/l
RT: 8.641 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045910.D
Acq: 23 Apr 2025 15:20

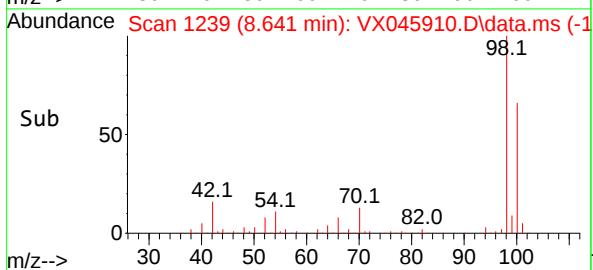
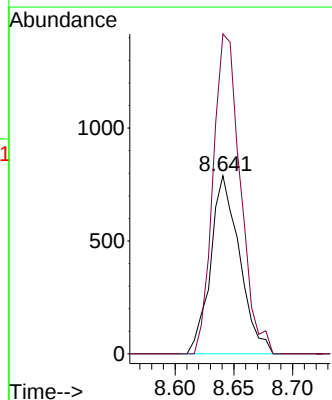
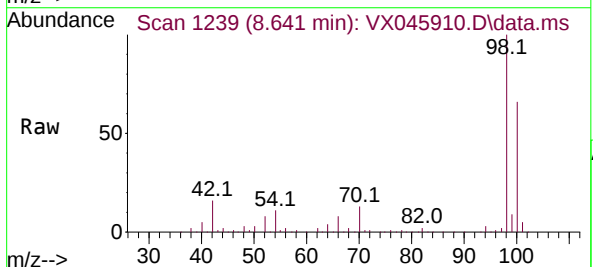
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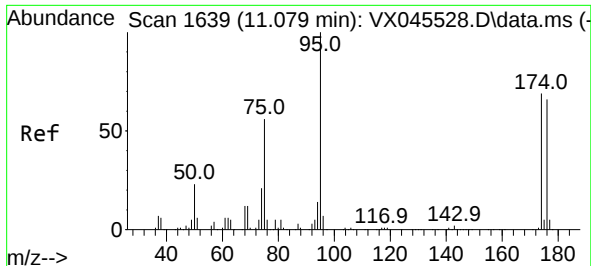
Tgt Ion: 98 Resp: 233866
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.613 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045910.D
Acq: 23 Apr 2025 15:20

Tgt Ion: 43 Resp: 1350
Ion Ratio Lower Upper
43 100
58 169.5 28.5 42.7#

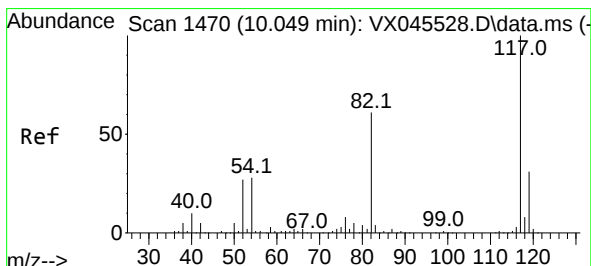
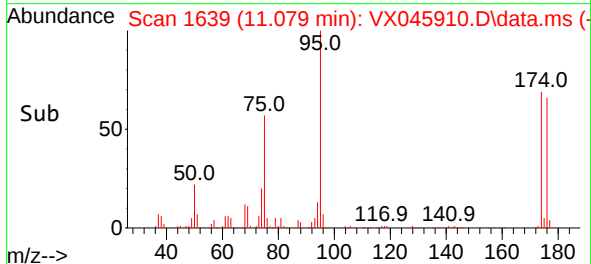
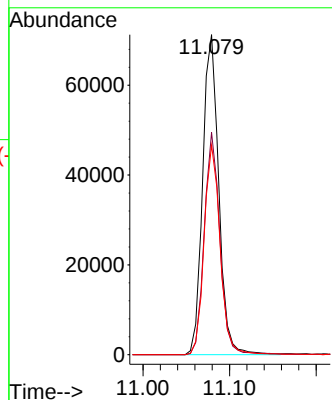
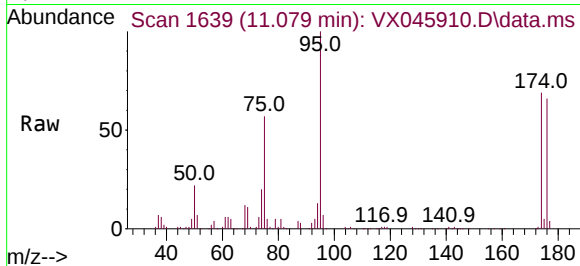




#62
4-Bromofluorobenzene
Concen: 56.207 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045910.D
Acq: 23 Apr 2025 15:20

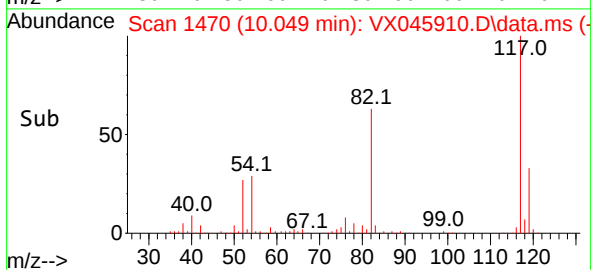
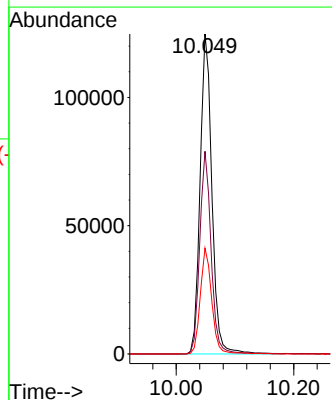
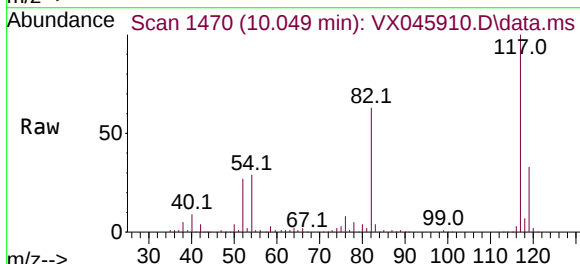
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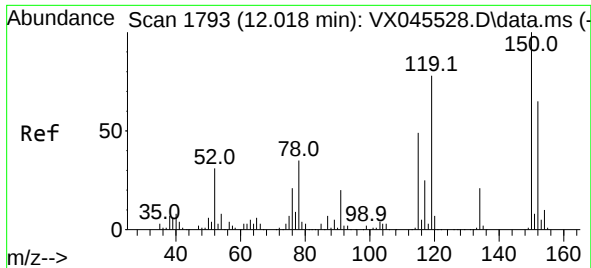
Tgt Ion: 95 Resp: 92017
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.8
176 65.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045910.D
Acq: 23 Apr 2025 15:20

Tgt Ion: 117 Resp: 174128
Ion Ratio Lower Upper
117 100
82 63.4 49.2 73.8
119 33.1 25.1 37.7

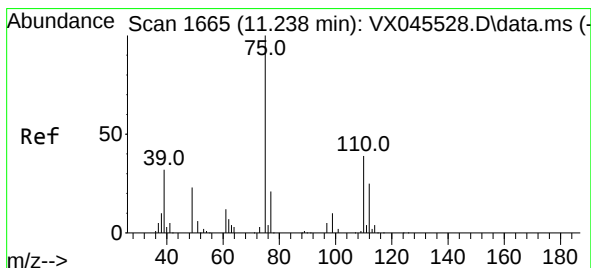
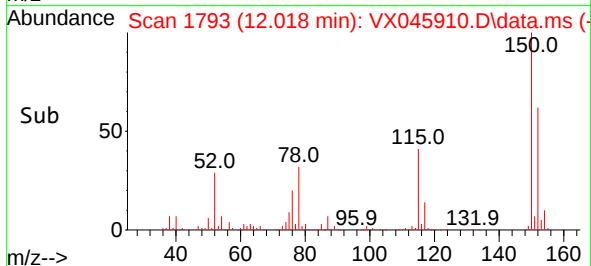
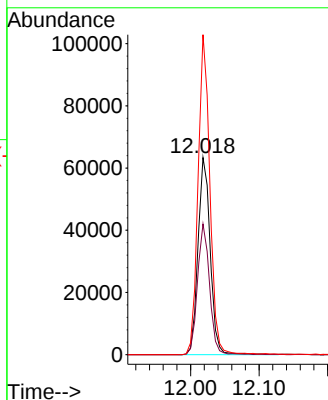
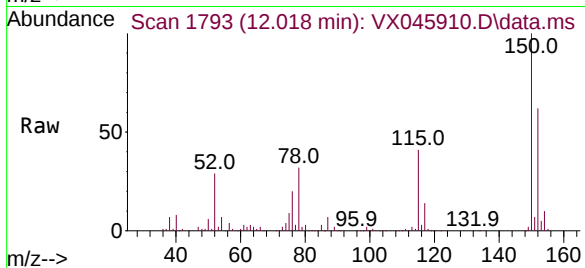




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045910.D
 Acq: 23 Apr 2025 15:20

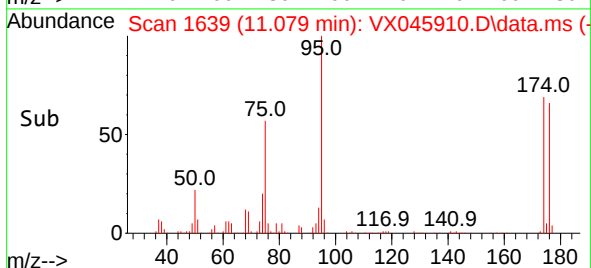
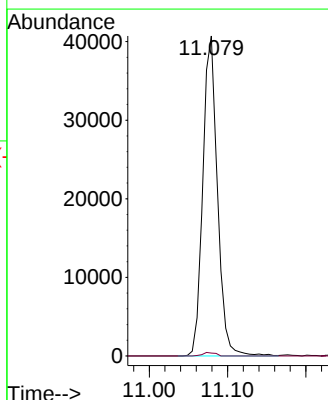
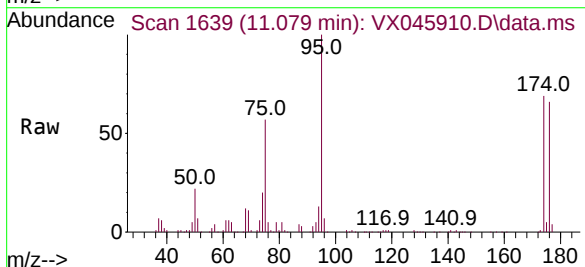
Instrument :
 MSVOA_X
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 IBLK

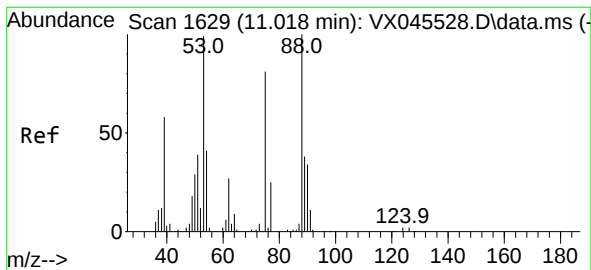
Tgt Ion:152 Resp: 78895
 Ion Ratio Lower Upper
 152 100
 115 65.4 46.9 140.7
 150 156.6 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 27.430 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045910.D
 Acq: 23 Apr 2025 15:20

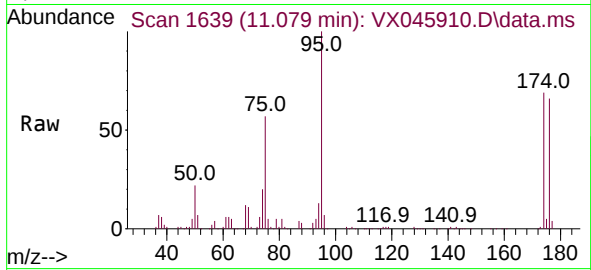
Tgt Ion: 75 Resp: 52787
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.094 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045910.D
 Acq: 23 Apr 2025 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion: 75 Resp: 52787
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

