

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046305.D
 Acq On : 21 May 2025 18:12
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 22 01:53:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

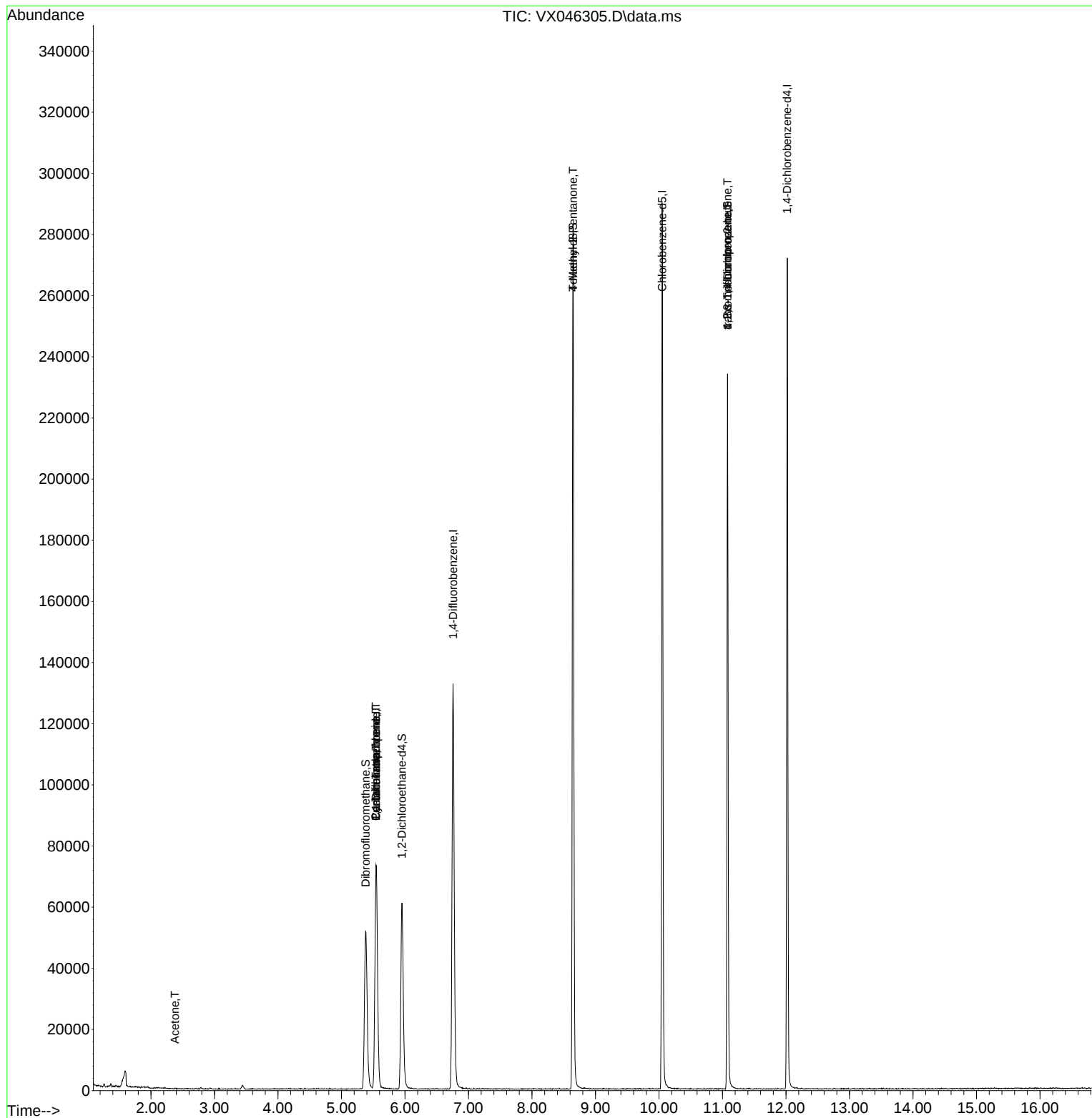
Internal Standards						
1) Pentafluorobenzene	5.544	168	62448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124837	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62293	53.506	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.020%	
35) Dibromofluoromethane	5.379	113	45532	50.650	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.300%	
50) Toluene-d8	8.647	98	157915	50.753	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.500%	
62) 4-Bromofluorobenzene	11.079	95	60921	51.044	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.080%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	167	0.358	ug/l #	48
31) Cyclohexane	5.544	56	1704	1.228	ug/l #	33
36) 1,1-Dichloropropene	5.544	75	6391	5.291	ug/l #	52
38) Carbon Tetrachloride	5.544	117	7606	5.605	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	941	0.623	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34160	28.590	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34160	93.079	ug/l #	1

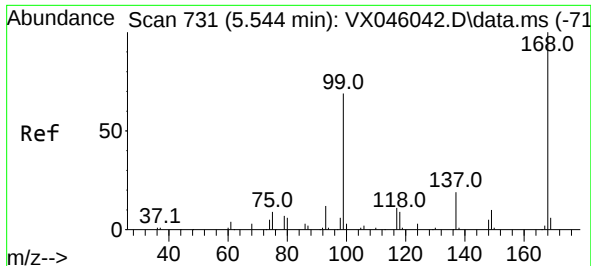
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
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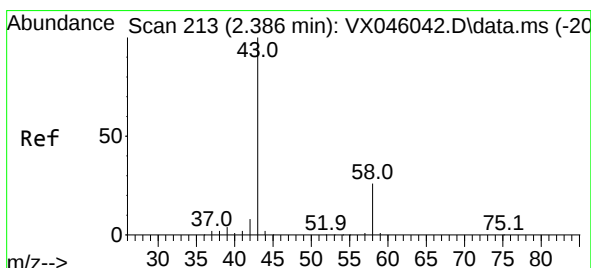
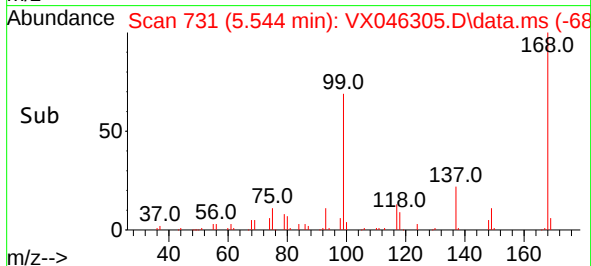
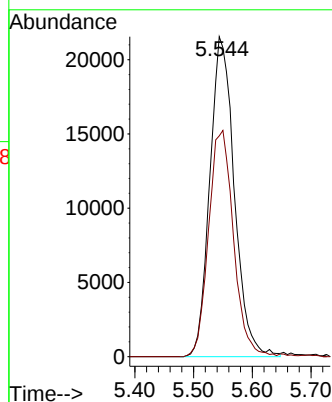
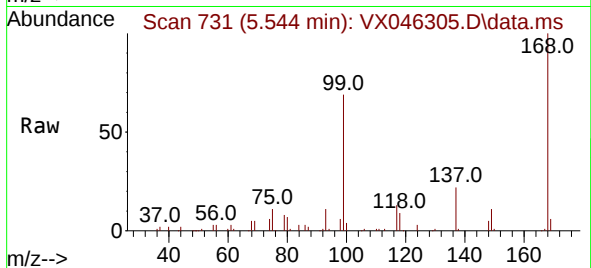




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046305.D
Acq: 21 May 2025 18:12

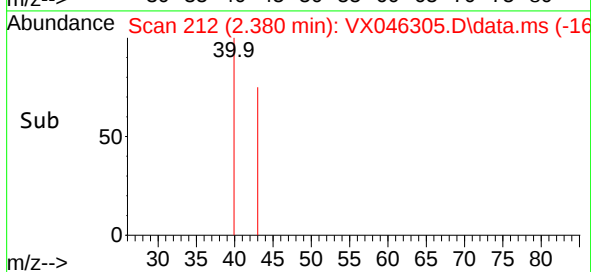
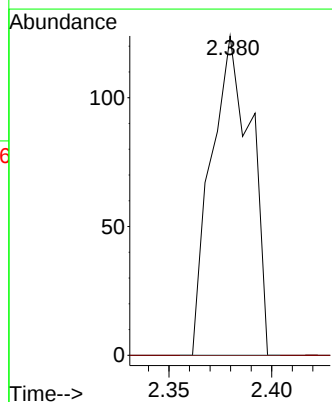
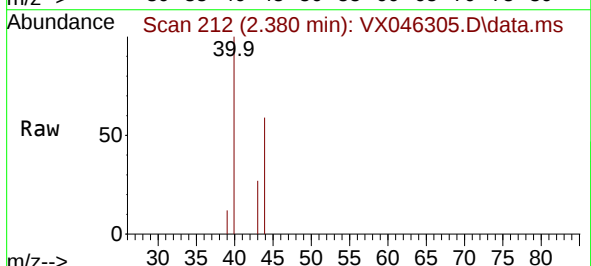
Instrument :
MSVOA_X
ClientSampleId :
IBLK

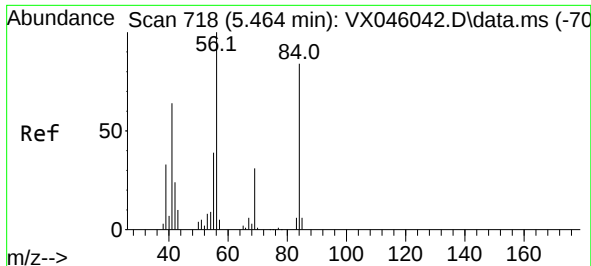
Tgt Ion:168 Resp: 62448
Ion Ratio Lower Upper
168 100
99 69.0 54.9 82.3



#16
Acetone
Concen: 0.358 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046305.D
Acq: 21 May 2025 18:12

Tgt Ion: 43 Resp: 167
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#

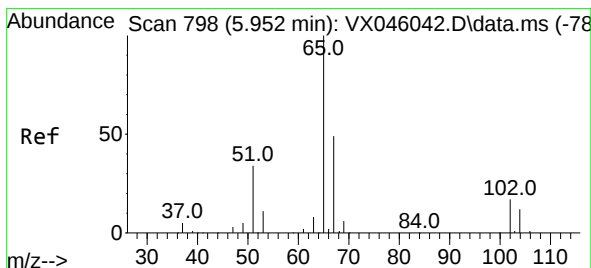
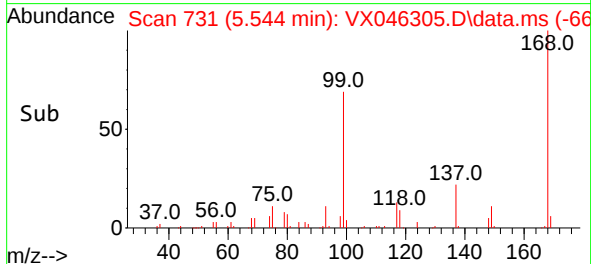
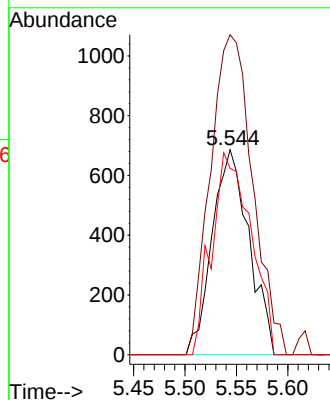
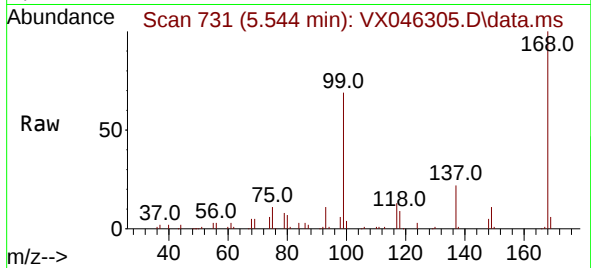




#31
Cyclohexane
Concen: 1.228 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046305.D
Acq: 21 May 2025 18:12

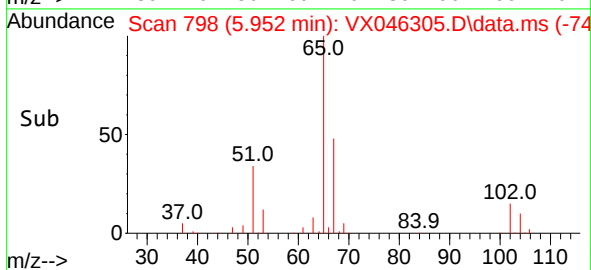
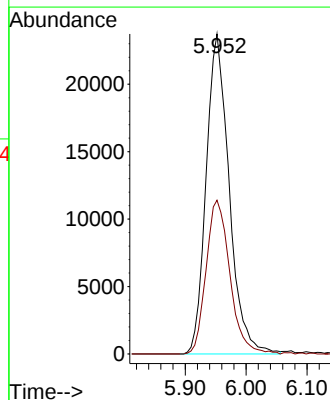
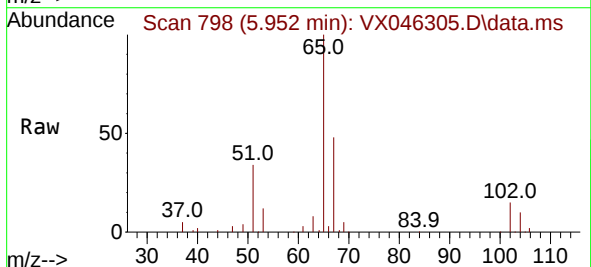
Instrument :
MSVOA_X
ClientSampleId :
IBLK

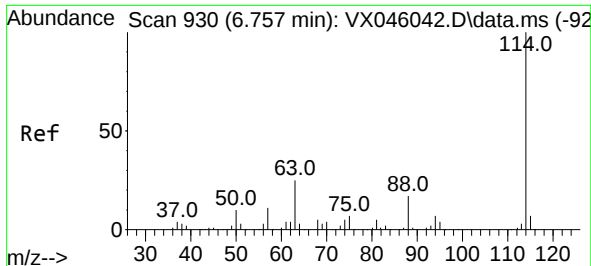
Tgt Ion: 56 Resp: 1704
Ion Ratio Lower Upper
56 100
69 156.1 24.4 36.6#
84 90.8 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 53.506 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046305.D
Acq: 21 May 2025 18:12

Tgt Ion: 65 Resp: 62293
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.0

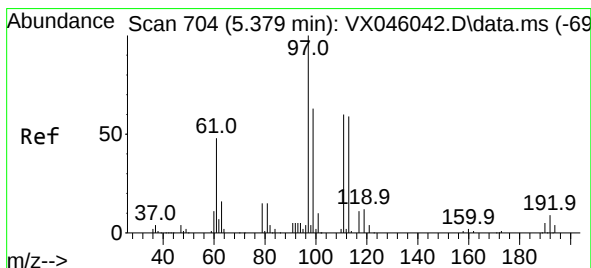
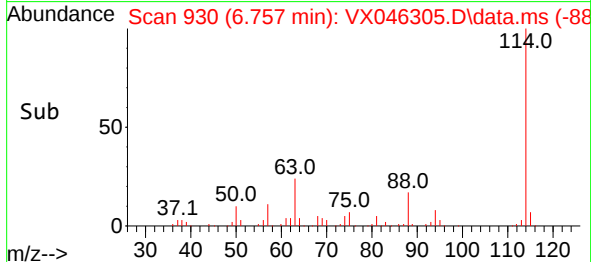
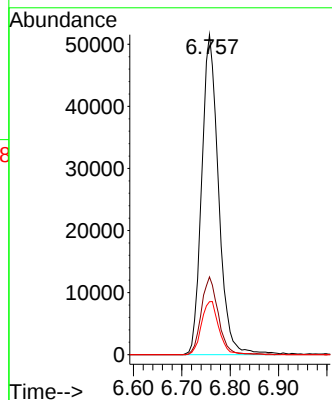
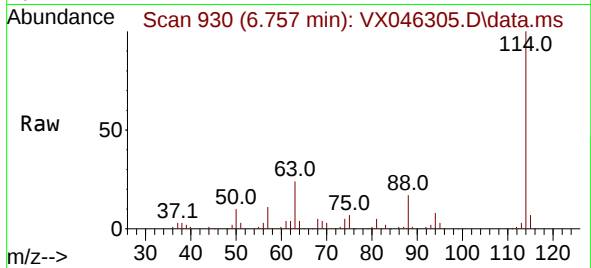




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046305.D
Acq: 21 May 2025 18:12

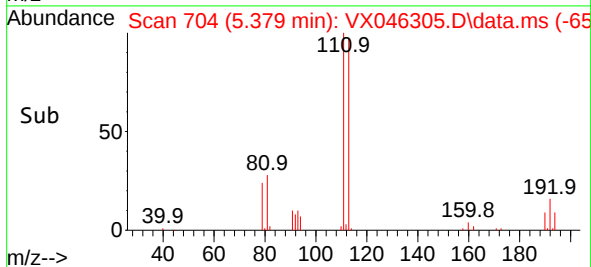
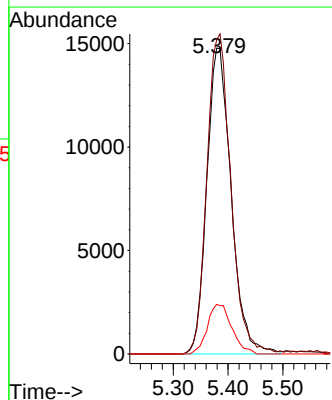
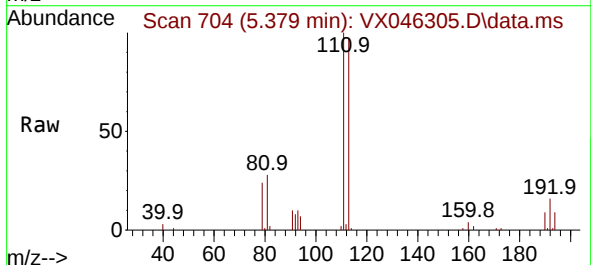
Instrument :
MSVOA_X
ClientSampleId :
IBLK

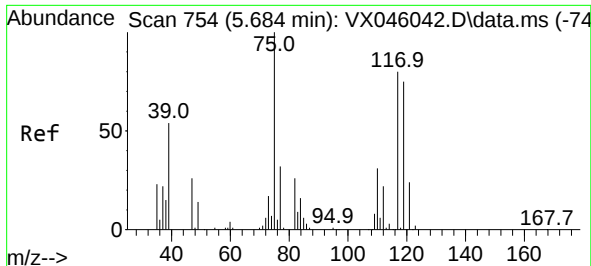
Tgt Ion:114 Resp: 124837
Ion Ratio Lower Upper
114 100
63 24.3 0.0 49.2
88 16.6 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.650 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046305.D
Acq: 21 May 2025 18:12

Tgt Ion:113 Resp: 45532
Ion Ratio Lower Upper
113 100
111 103.0 83.1 124.7
192 16.3 13.3 19.9

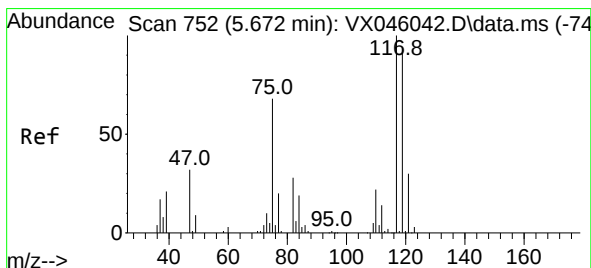
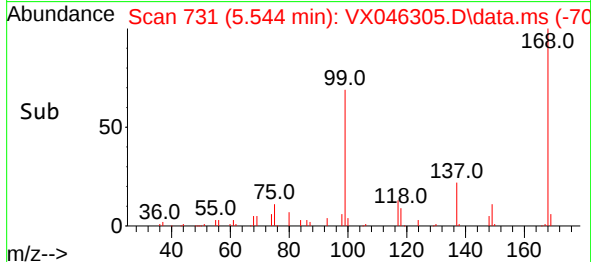
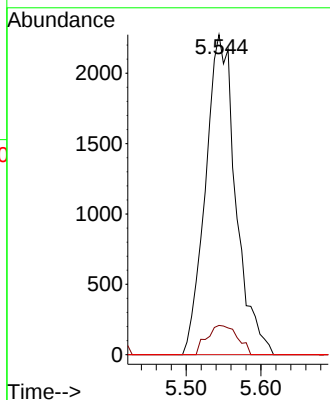
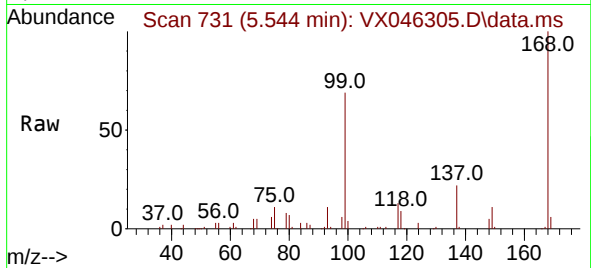




#36
1,1-Dichloropropene
Concen: 5.291 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX046305.D
Acq: 21 May 2025 18:12

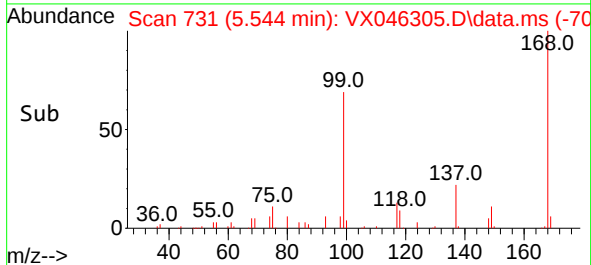
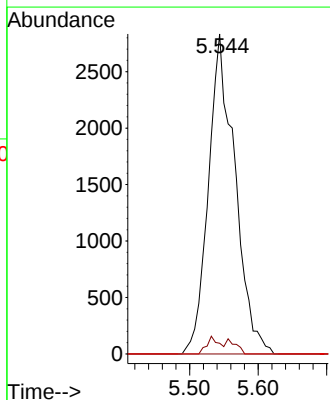
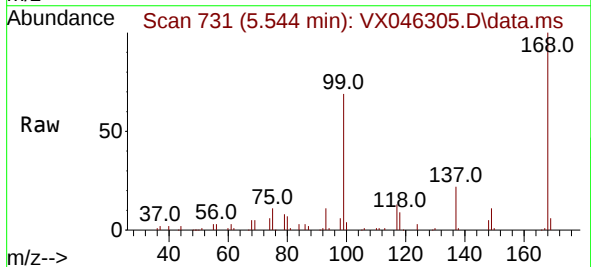
Instrument :
MSVOA_X
ClientSampleId :
IBLK

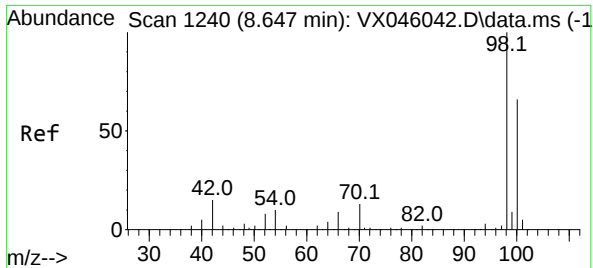
Tgt Ion: 75 Resp: 6391
Ion Ratio Lower Upper
75 100
110 9.2 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.605 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046305.D
Acq: 21 May 2025 18:12

Tgt Ion: 117 Resp: 7606
Ion Ratio Lower Upper
117 100
119 3.4 75.2 112.8#
121 0.0 24.2 36.4#

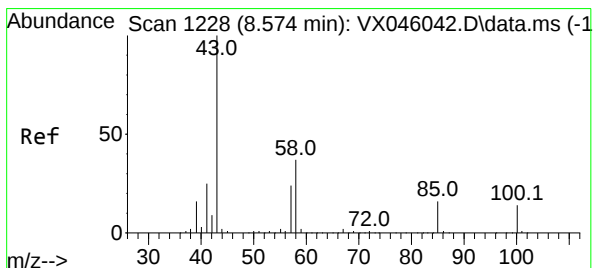
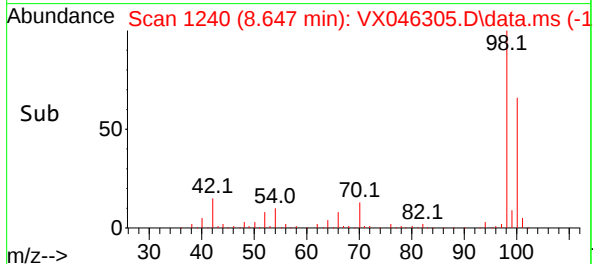
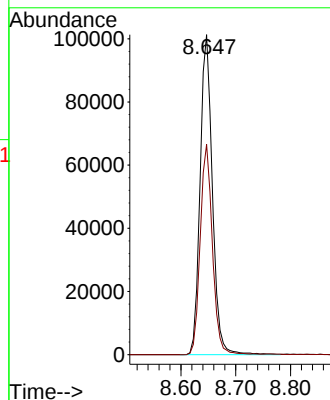
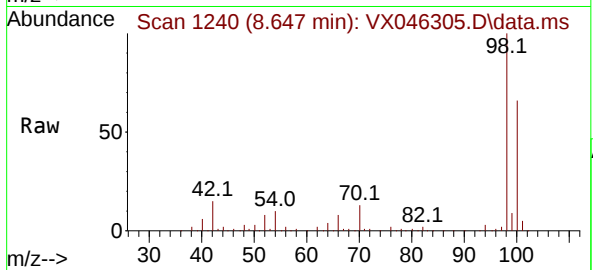




#50
Toluene-d8
Concen: 50.753 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046305.D
Acq: 21 May 2025 18:12

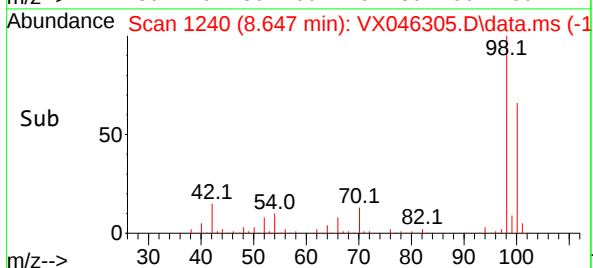
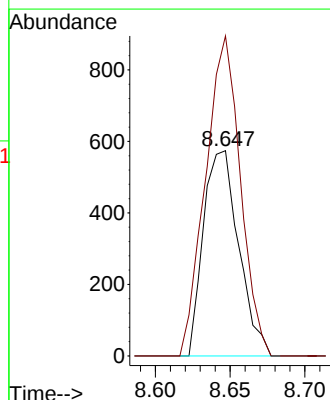
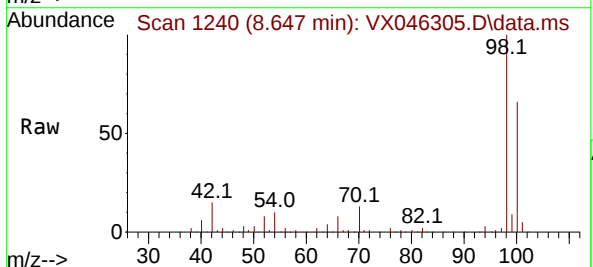
Instrument :
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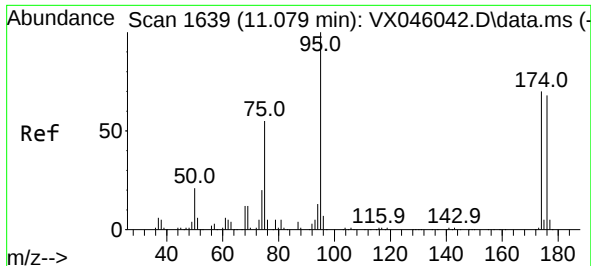
Tgt Ion: 98 Resp: 157915
Ion Ratio Lower Upper
98 100
100 65.4 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.623 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX046305.D
Acq: 21 May 2025 18:12

Tgt Ion: 43 Resp: 941
Ion Ratio Lower Upper
43 100
58 154.4 28.9 43.3#





#62

4-Bromofluorobenzene

Concen: 51.044 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX046305.D

Acq: 21 May 2025 18:12

Instrument :

MSVOA_X

ClientSampleId :

IBLK

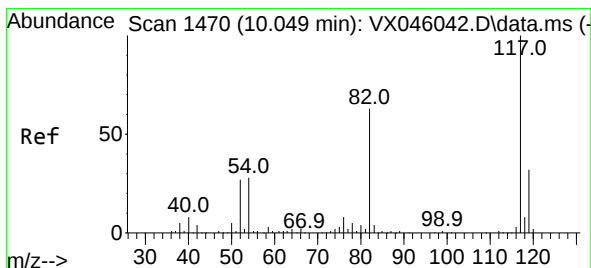
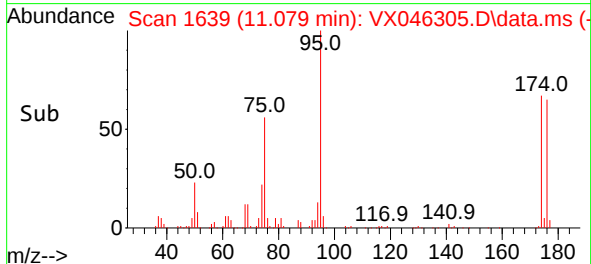
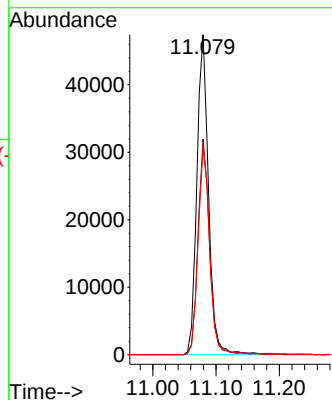
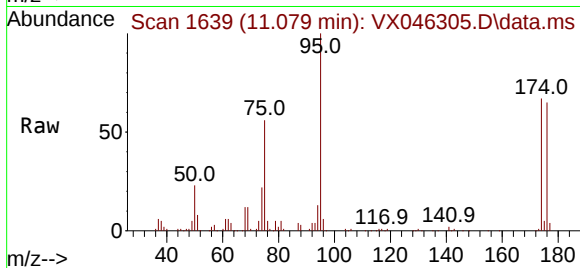
Tgt Ion: 95 Resp: 60921

Ion Ratio Lower Upper

95 100

174 66.5 0.0 135.8

176 63.9 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: VX046305.D

Acq: 21 May 2025 18:12

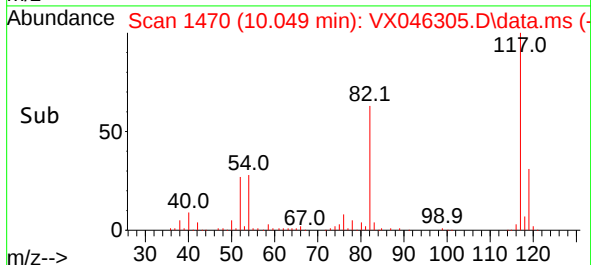
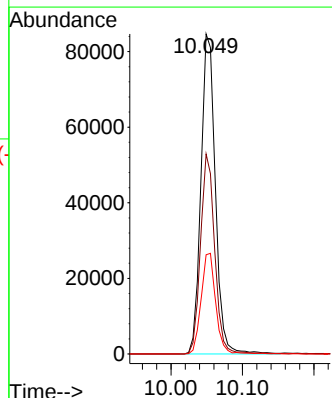
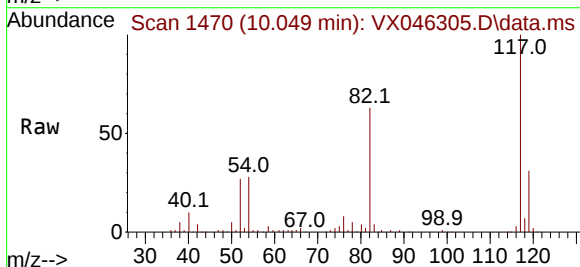
Tgt Ion: 117 Resp: 118730

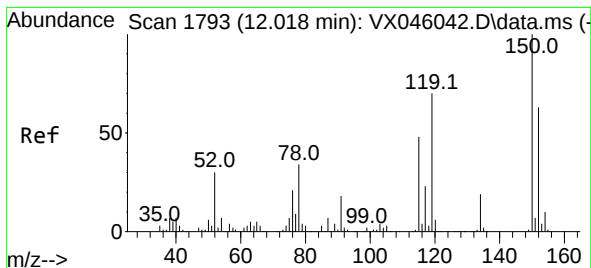
Ion Ratio Lower Upper

117 100

82 62.5 50.6 76.0

119 31.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX046305.D

Acq: 21 May 2025 18:12

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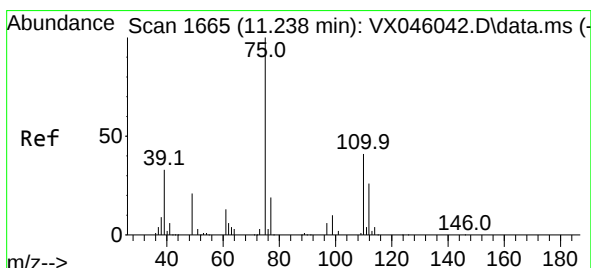
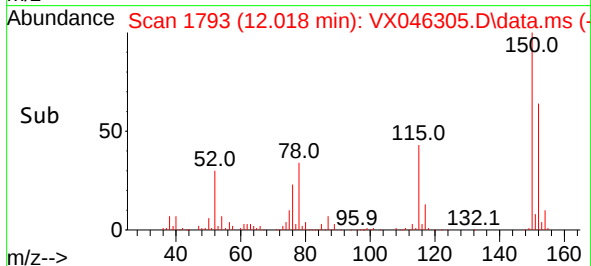
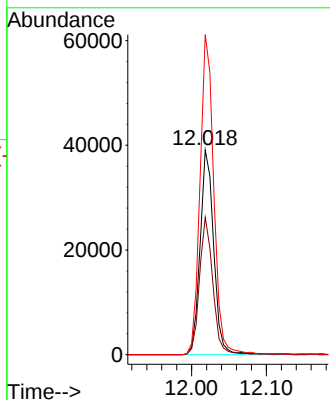
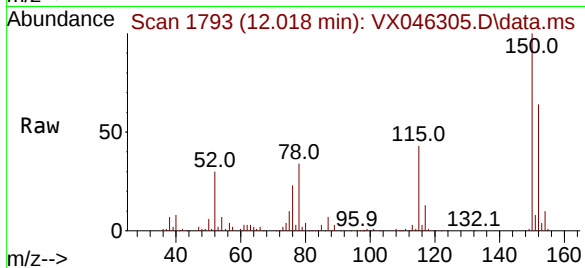
Tgt Ion:152 Resp: 49639

Ion Ratio Lower Upper

152 100

115 65.5 46.9 140.7

150 157.4 0.0 351.0



#76

1,2,3-Trichloropropane

Concen: 28.590 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX046305.D

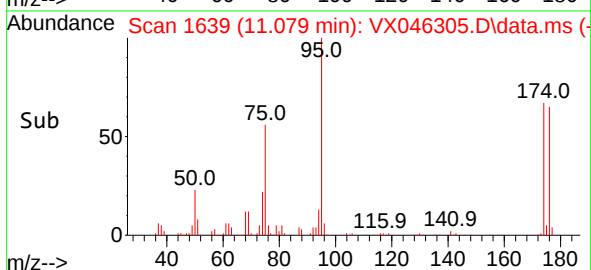
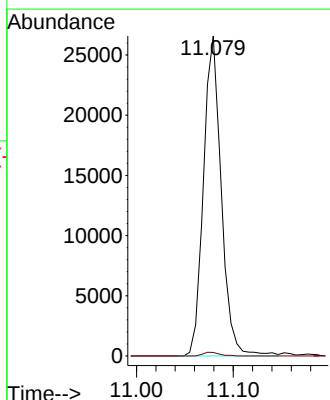
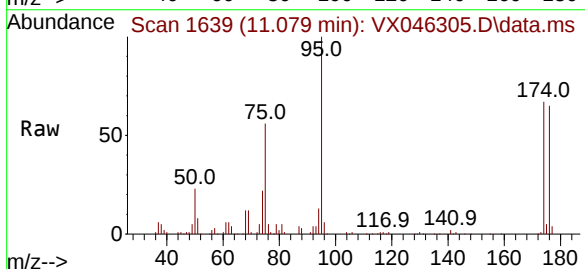
Acq: 21 May 2025 18:12

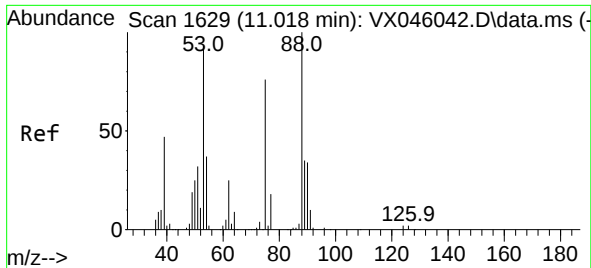
Tgt Ion: 75 Resp: 34160

Ion Ratio Lower Upper

75 100

77 1.1 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.079 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX046305.D
 Acq: 21 May 2025 18:12

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 34160
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

