

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046607.D
 Acq On : 10 Jun 2025 16:46
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 11 01:51:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

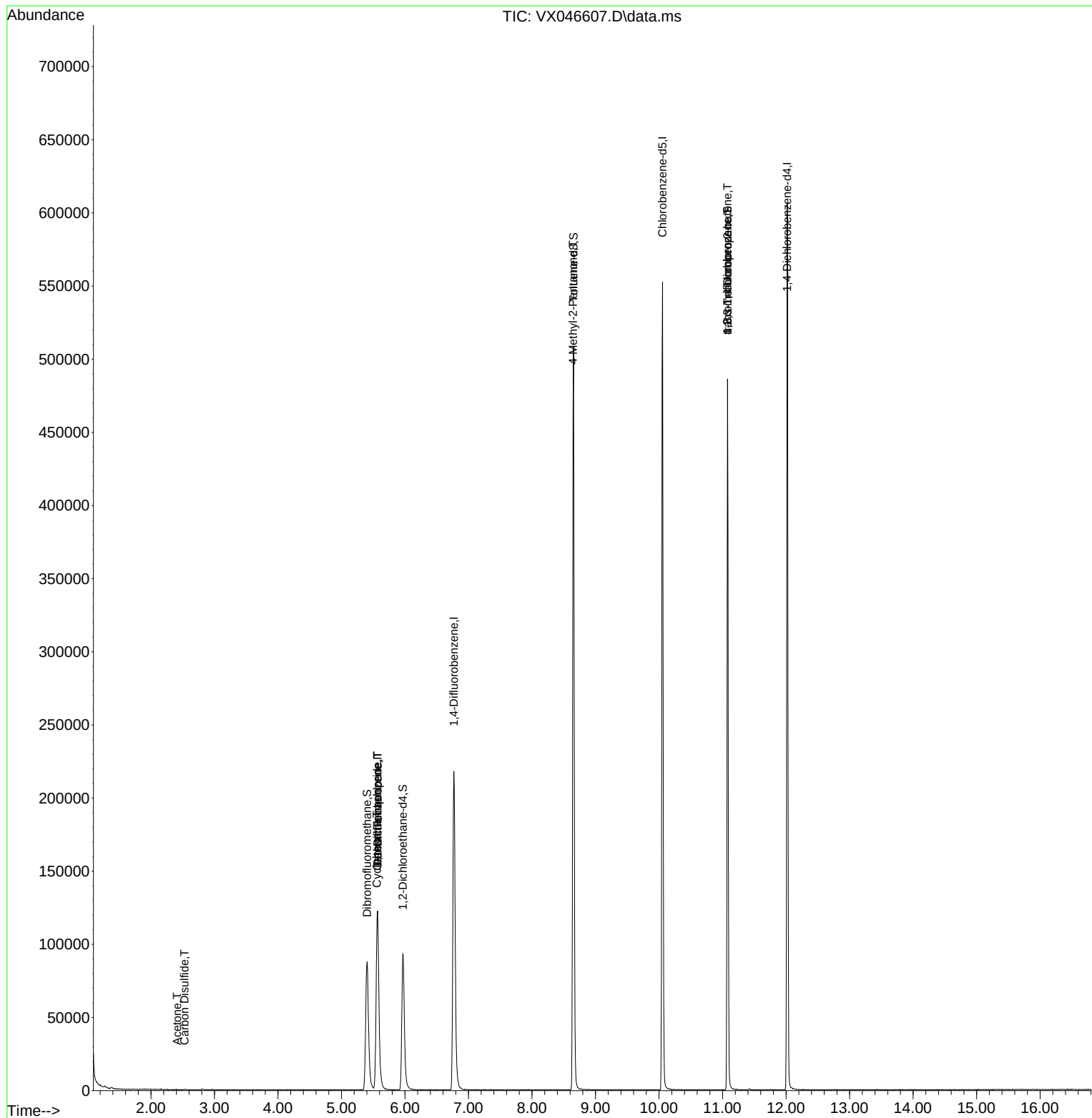
Internal Standards						
1) Pentafluorobenzene	5.568	168	116915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	228587	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	118237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99430	47.802	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.600%
35) Dibromofluoromethane	5.404	113	82307	48.963	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.920%
50) Toluene-d8	8.653	98	299190	53.985	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.960%
62) 4-Bromofluorobenzene	11.079	95	126131	55.006	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.020%
Target Compounds						
					Qvalue	
16) Acetone	2.410	43	451	5.136	ug/l #	48
17) Carbon Disulfide	2.526	76	131	0.247	ug/l #	76
31) Cyclohexane	5.556	56	2910	1.203	ug/l #	23
36) 1,1-Dichloropropene	5.568	75	10824	4.508	ug/l #	52
38) Carbon Tetrachloride	5.562	117	13135	4.884	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1543	0.594	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	69616	27.797	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	69616	80.185	ug/l #	1

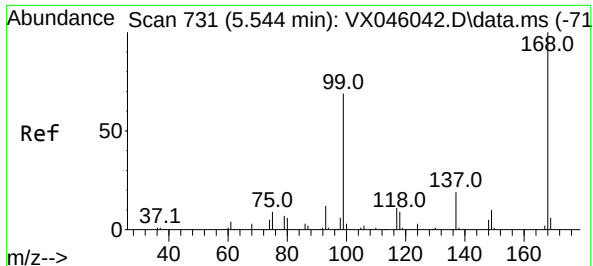
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
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MSVOA_X
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IBLK

Quant Time: Jun 11 01:51:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

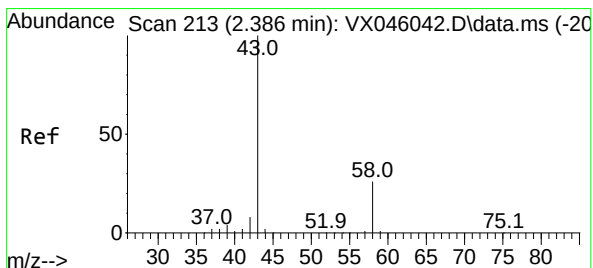
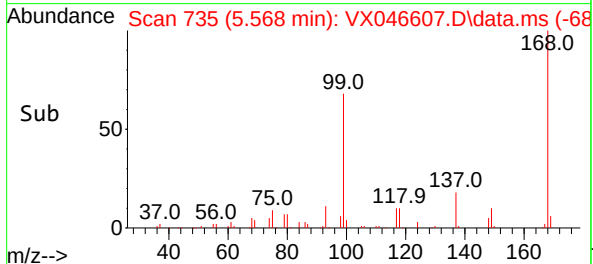
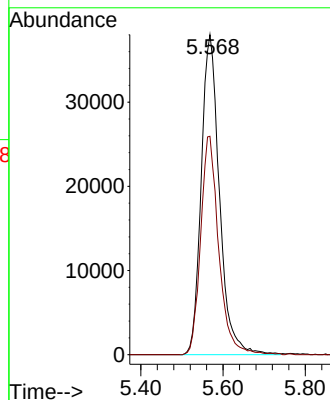
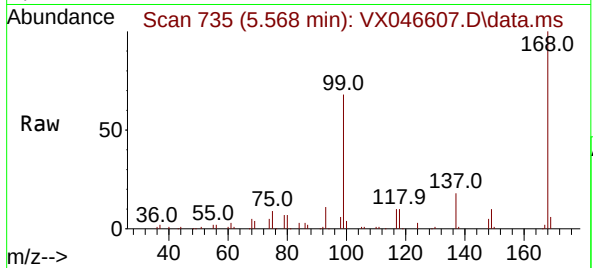




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046607.D
Acq: 10 Jun 2025 16:46

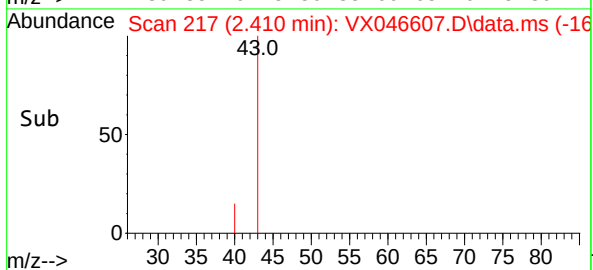
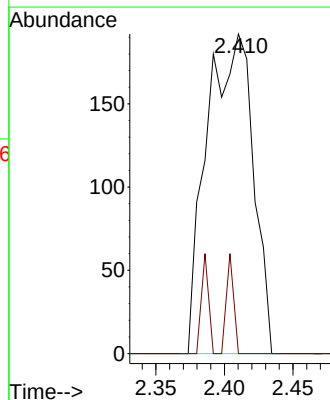
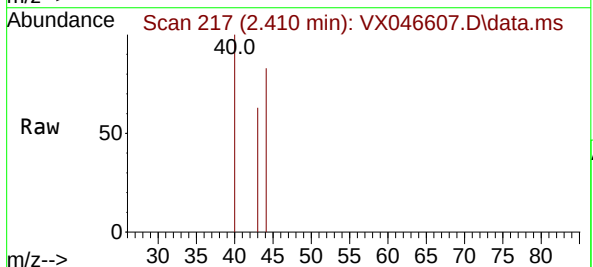
Instrument :
MSVOA_X
ClientSampleId :
IBLK

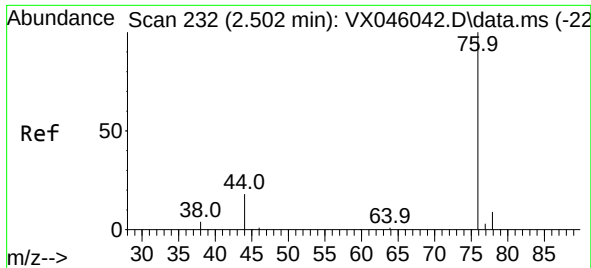
Tgt Ion:168 Resp: 116915
Ion Ratio Lower Upper
168 100
99 68.3 54.9 82.3



#16
Acetone
Concen: 5.136 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.018 min
Lab File: VX046607.D
Acq: 10 Jun 2025 16:46

Tgt Ion: 43 Resp: 451
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#

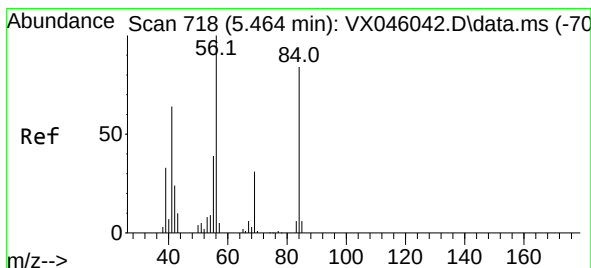
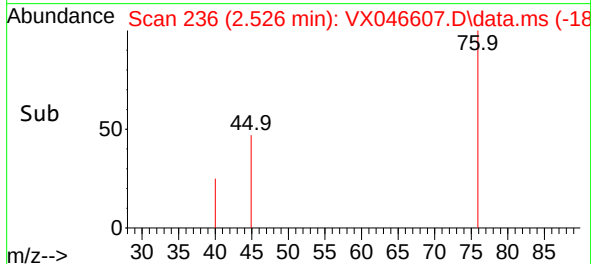
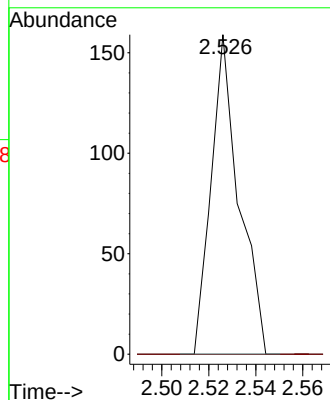
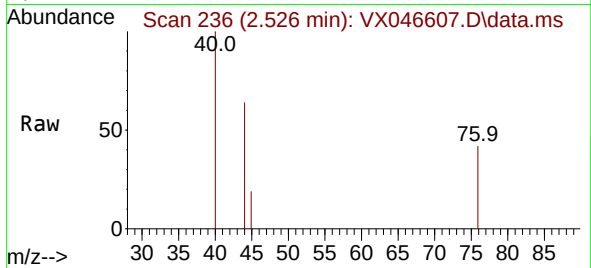




#17
Carbon Disulfide
Concen: 0.247 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046607.D
Acq: 10 Jun 2025 16:46

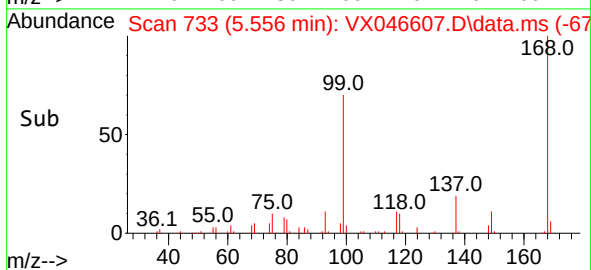
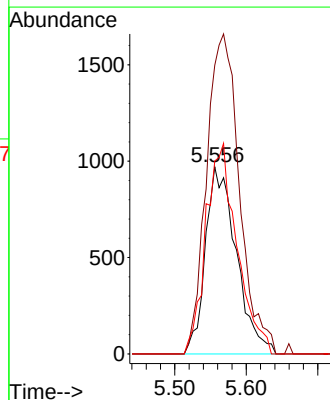
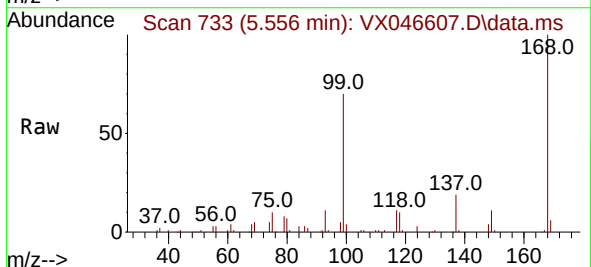
Instrument :
MSVOA_X
ClientSampleId :
IBLK

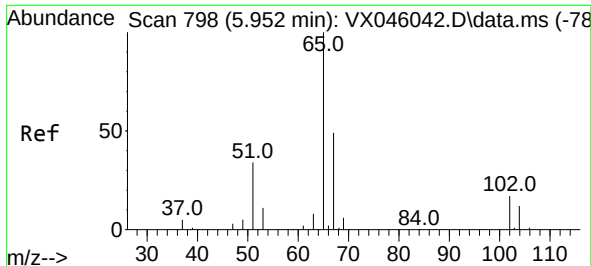
Tgt Ion: 76 Resp: 131
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#31
Cyclohexane
Concen: 1.203 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.067 min
Lab File: VX046607.D
Acq: 10 Jun 2025 16:46

Tgt Ion: 56 Resp: 2910
Ion Ratio Lower Upper
56 100
69 154.3 24.4 36.6#
84 103.2 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 47.802 ug/l

RT: 5.964 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX046607.D

Acq: 10 Jun 2025 16:46

Instrument :

MSVOA_X

ClientSampleId :

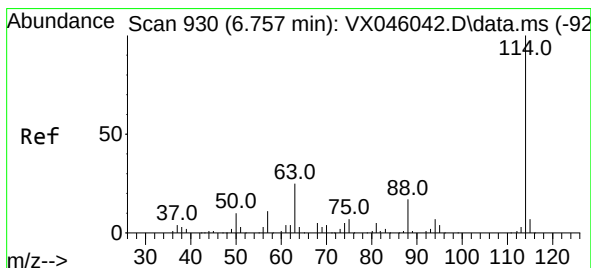
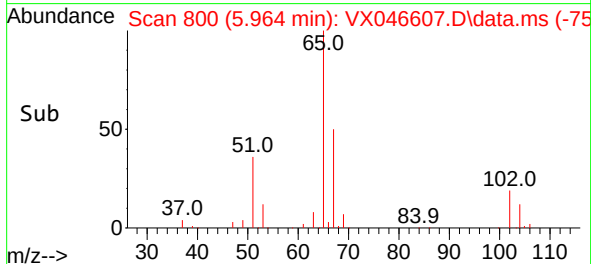
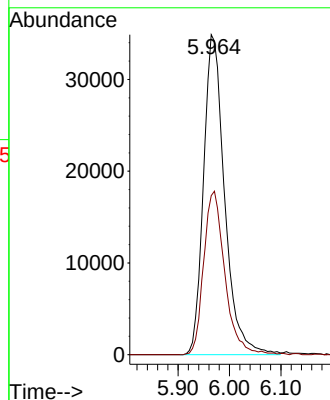
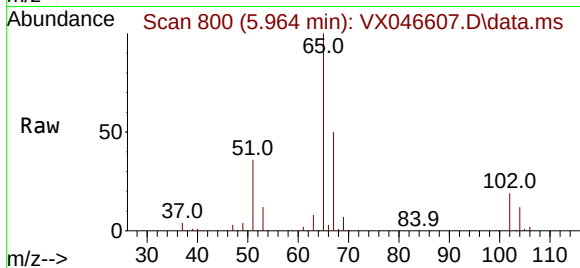
IBLK

Tgt Ion: 65 Resp: 99430

Ion Ratio Lower Upper

65 100

67 51.3 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.006 min

Lab File: VX046607.D

Acq: 10 Jun 2025 16:46

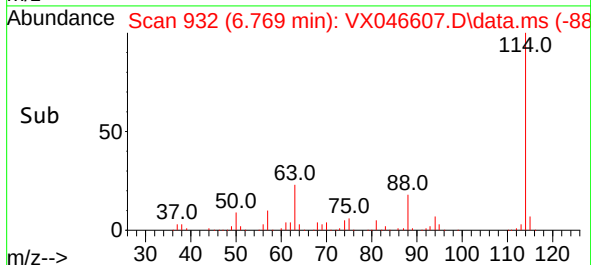
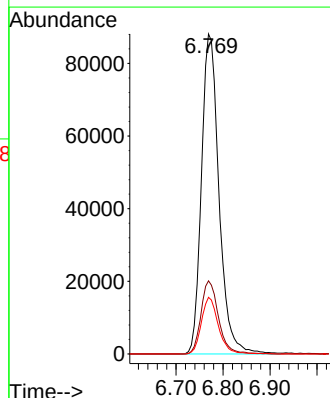
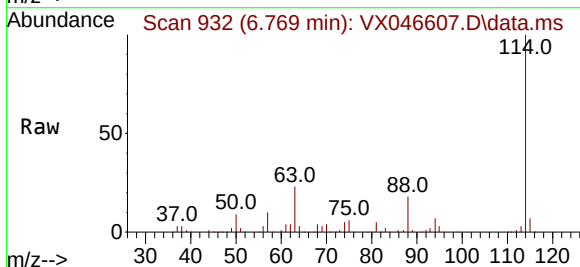
Tgt Ion: 114 Resp: 228587

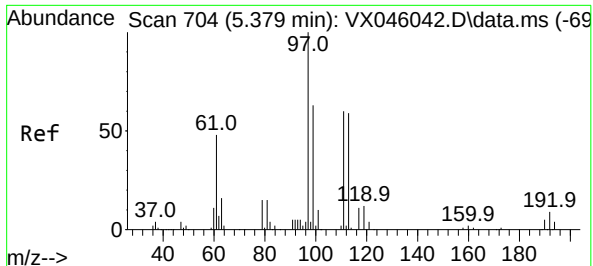
Ion Ratio Lower Upper

114 100

63 22.9 0.0 49.2

88 17.7 0.0 33.6

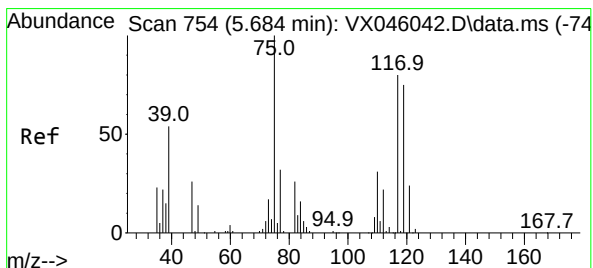
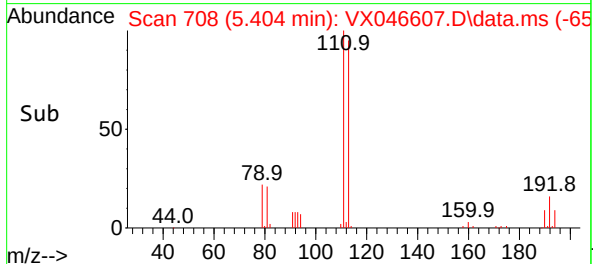
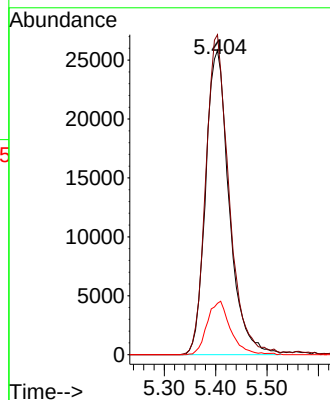
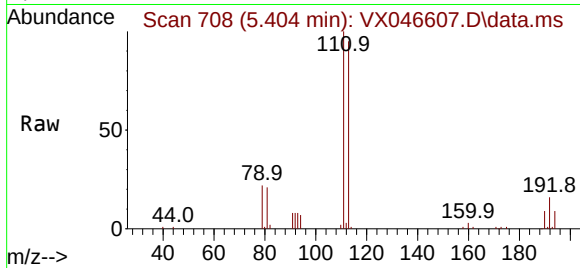




#35
Dibromofluoromethane
Concen: 48.963 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.001 min
Lab File: VX046607.D
Acq: 10 Jun 2025 16:46

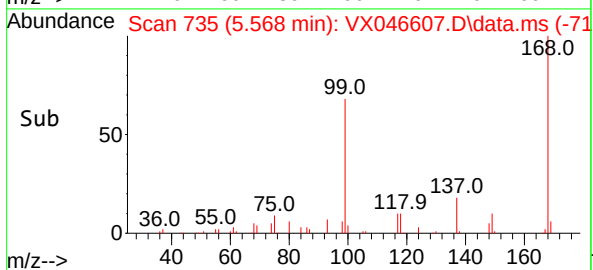
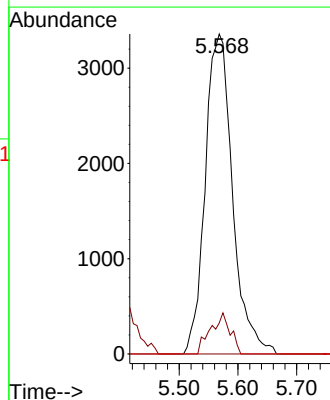
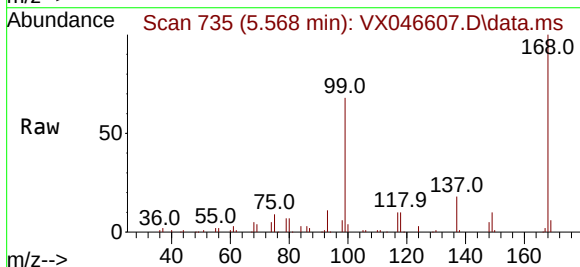
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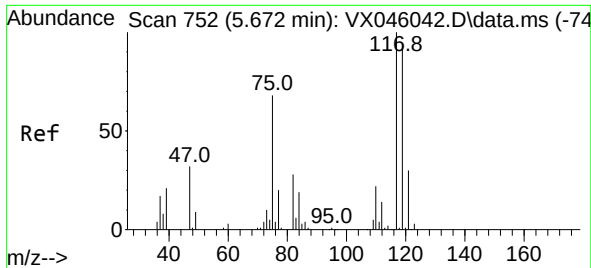
Tgt Ion:113 Resp: 82307
Ion Ratio Lower Upper
113 100
111 104.1 83.1 124.7
192 17.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.508 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.146 min
Lab File: VX046607.D
Acq: 10 Jun 2025 16:46

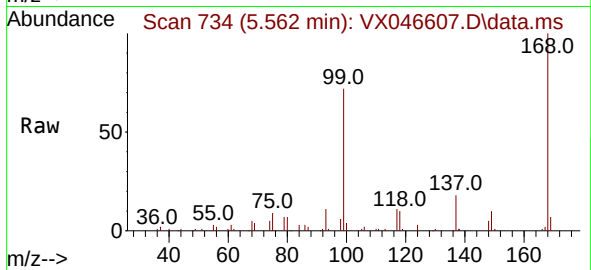
Tgt Ion: 75 Resp: 10824
Ion Ratio Lower Upper
75 100
110 9.3 16.3 48.9#
77 0.0 24.3 36.5#



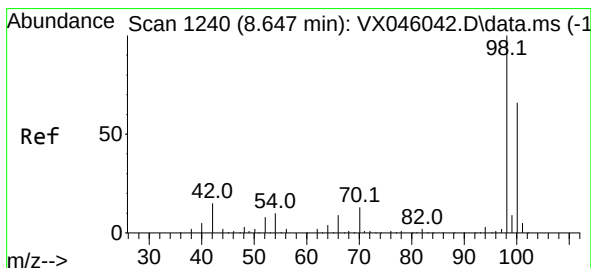
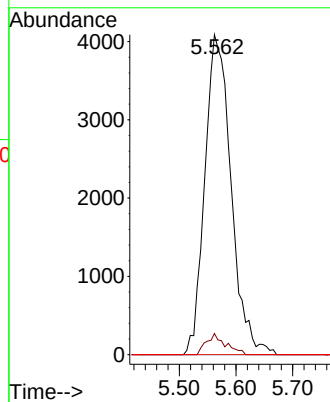
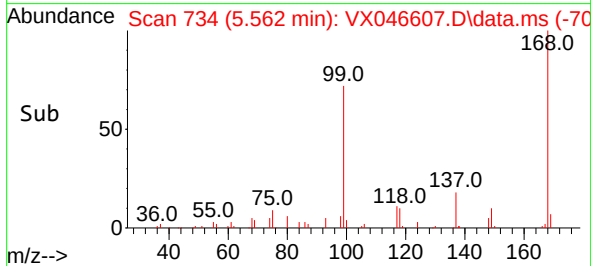


#38
Carbon Tetrachloride
Concen: 4.884 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX046607.D
Acq: 10 Jun 2025 16:46

Instrument :
MSVOA_X
ClientSampleId :
IBLK

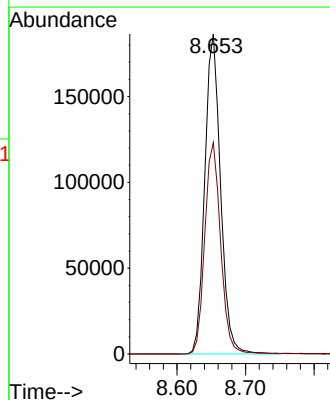
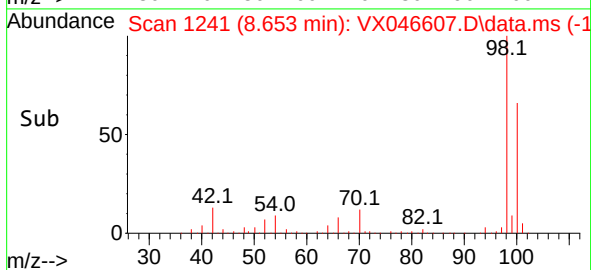
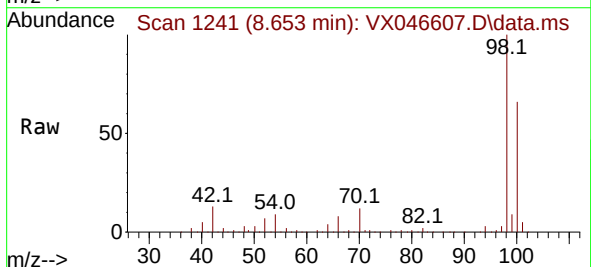


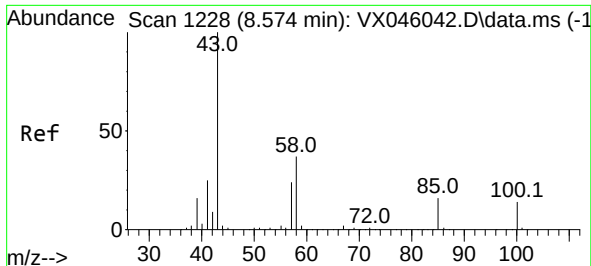
Tgt Ion:117 Resp: 13135
Ion Ratio Lower Upper
117 100
119 6.6 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 53.985 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046607.D
Acq: 10 Jun 2025 16:46

Tgt Ion: 98 Resp: 299190
Ion Ratio Lower Upper
98 100
100 66.6 53.5 80.3

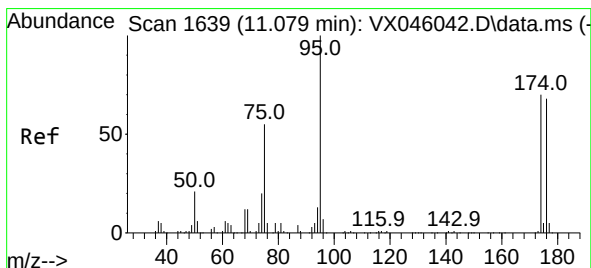
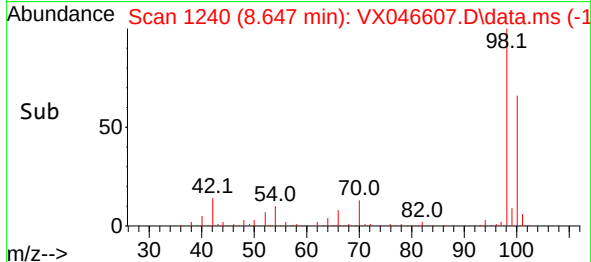
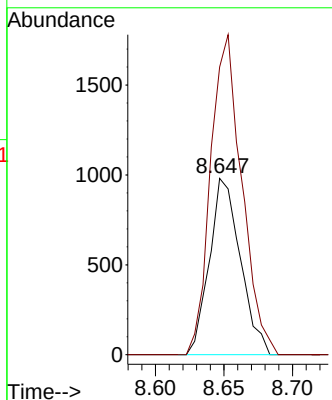
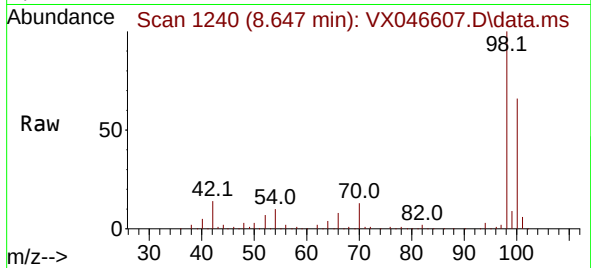




#51
4-Methyl-2-Pentanone
Concen: 0.594 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX046607.D
Acq: 10 Jun 2025 16:46

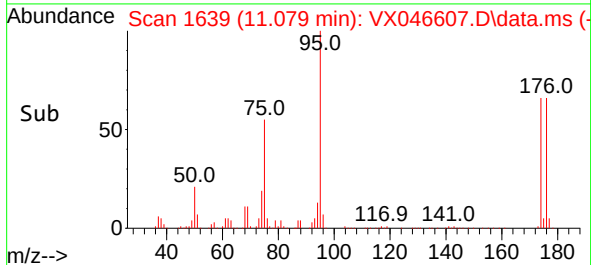
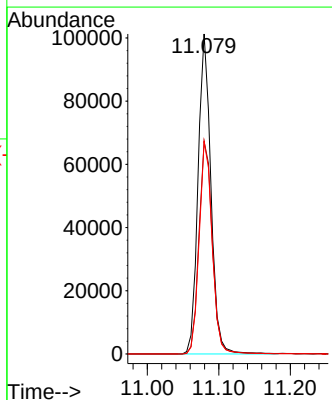
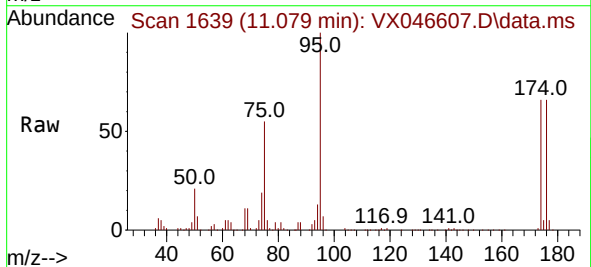
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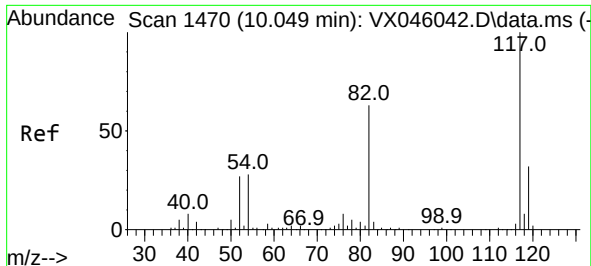
Tgt Ion: 43 Resp: 1543
Ion Ratio Lower Upper
43 100
58 182.9 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 55.006 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046607.D
Acq: 10 Jun 2025 16:46

Tgt Ion: 95 Resp: 126131
Ion Ratio Lower Upper
95 100
174 69.0 0.0 135.8
176 67.2 0.0 131.4

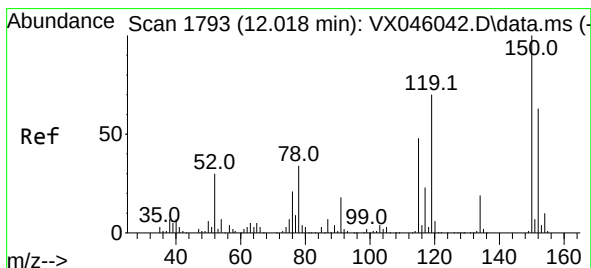
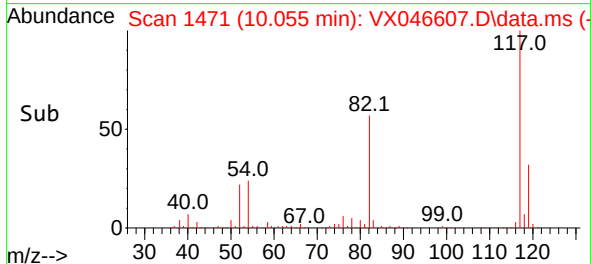
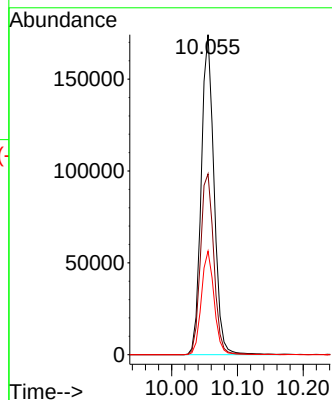
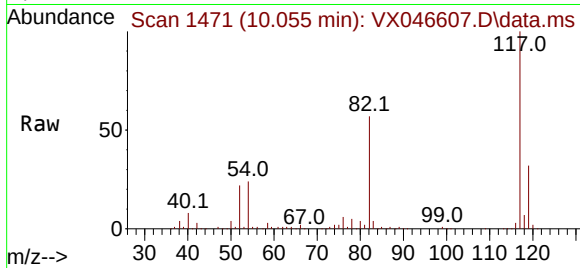




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046607.D
Acq: 10 Jun 2025 16:46

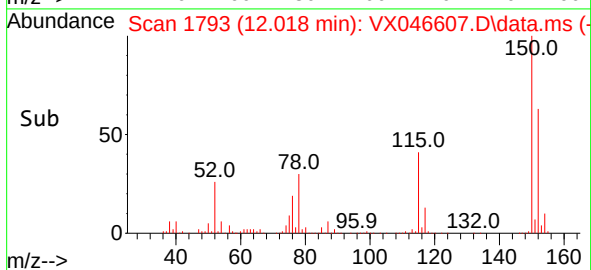
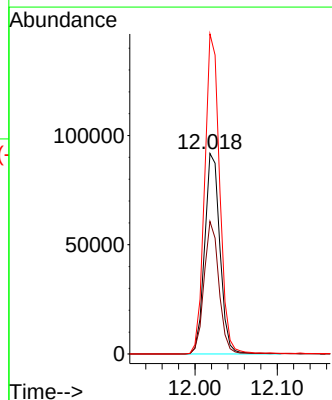
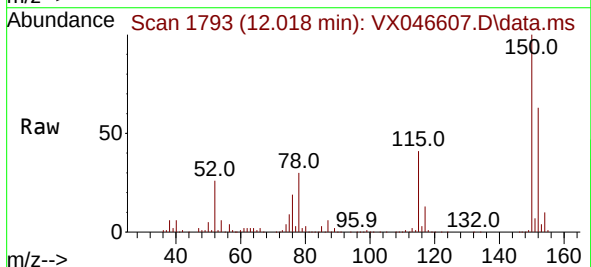
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MSVOA_X
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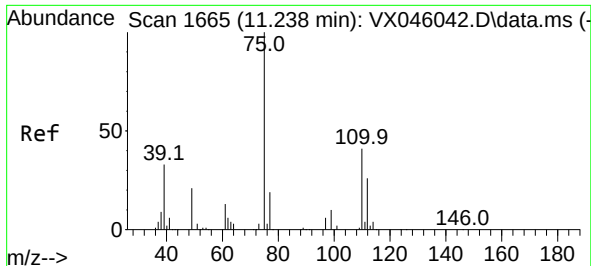
Tgt Ion:117 Resp: 236328
Ion Ratio Lower Upper
117 100
82 56.5 50.6 76.0
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046607.D
Acq: 10 Jun 2025 16:46

Tgt Ion:152 Resp: 118237
Ion Ratio Lower Upper
152 100
115 64.8 46.9 140.7
150 157.4 0.0 351.0

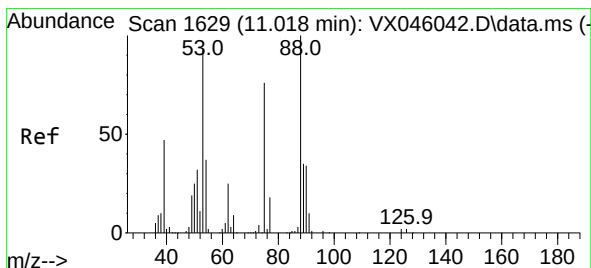
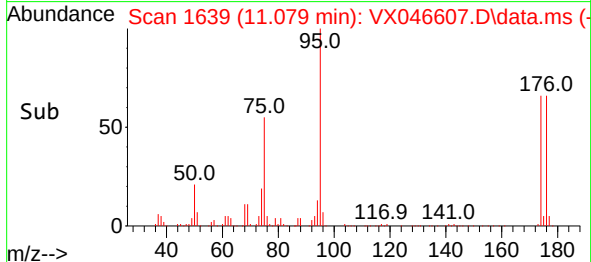
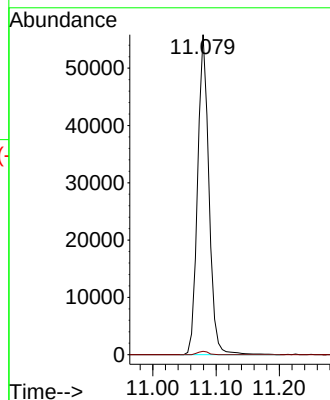
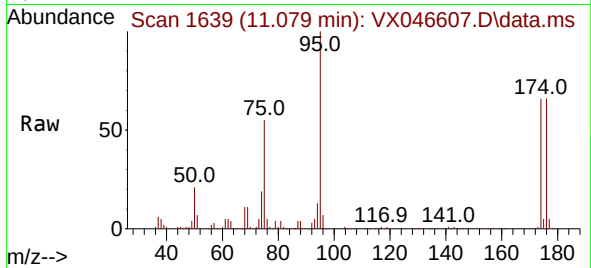




#76
1,2,3-Trichloropropane
Concen: 27.797 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046607.D
Acq: 10 Jun 2025 16:46

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 69616
Ion Ratio Lower Upper
75 100
77 1.0 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.185 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046607.D
Acq: 10 Jun 2025 16:46

Tgt Ion: 75 Resp: 69616
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

