

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046605.D
 Acq On : 10 Jun 2025 16:03
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 11 01:50:43 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)

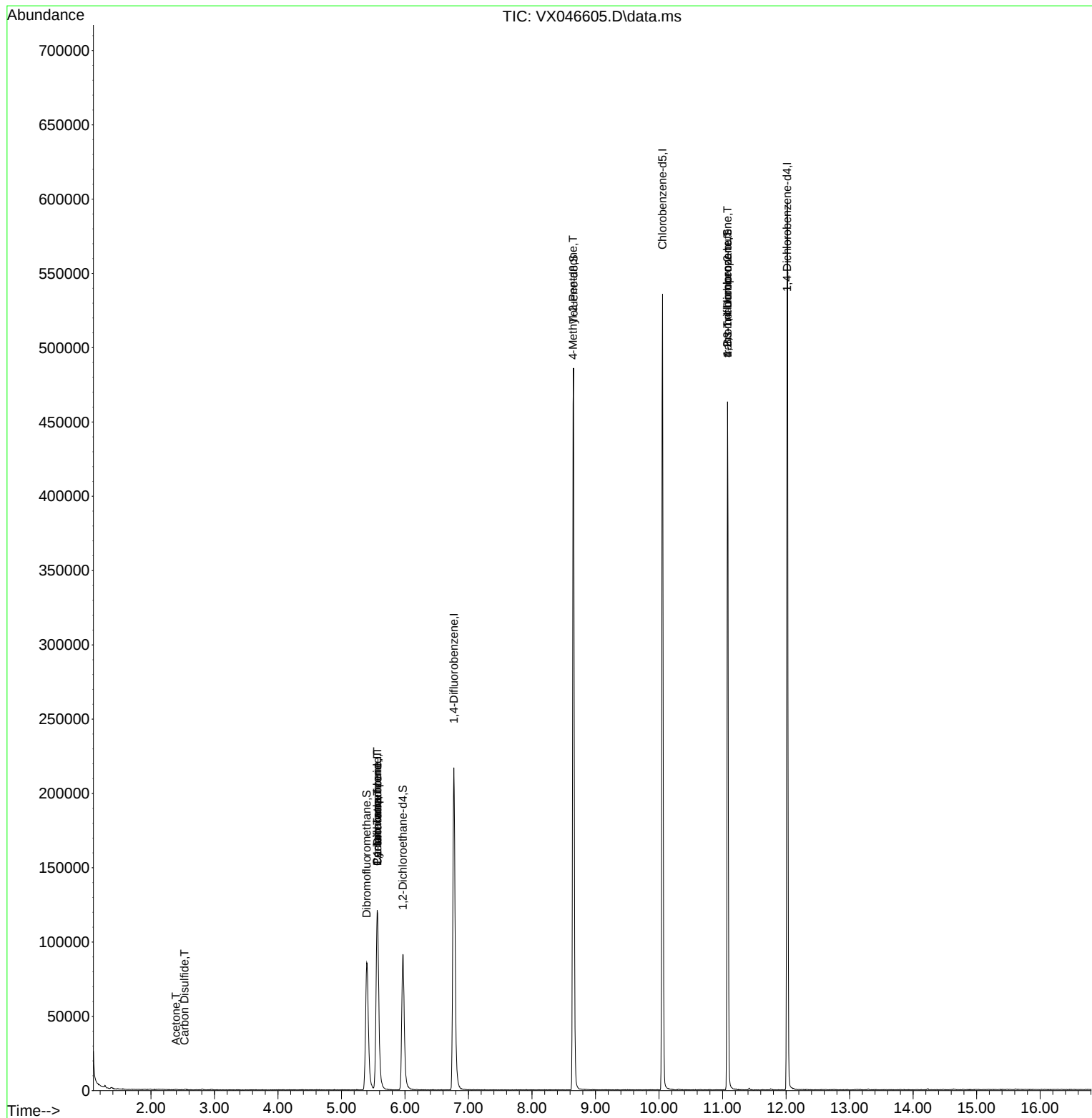
Internal Standards						
1) Pentafluorobenzene	5.562	168	114161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	223910	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	116292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97705	48.106	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.220%		
35) Dibromofluoromethane	5.397	113	80574	48.933	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.860%		
50) Toluene-d8	8.653	98	293429	54.051	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	108.100%		
62) 4-Bromofluorobenzene	11.079	95	125777	55.998	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	112.000%		
Target Compounds						Qvalue
16) Acetone	2.392	43	499	5.209	ug/l #	48
17) Carbon Disulfide	2.526	76	172	0.262	ug/l #	76
31) Cyclohexane	5.562	56	2783	1.179	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	10357	4.403	ug/l #	52
38) Carbon Tetrachloride	5.562	117	13163	4.996	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1436	0.565	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	68337	27.743	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	68337	80.028	ug/l #	1

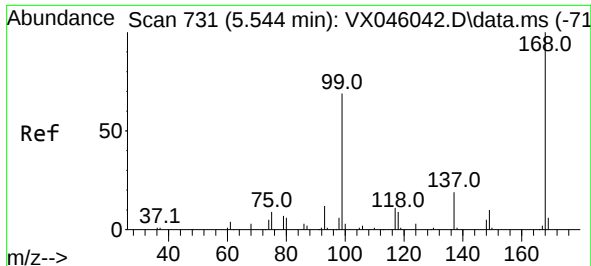
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Quant Time: Jun 11 01:50:43 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

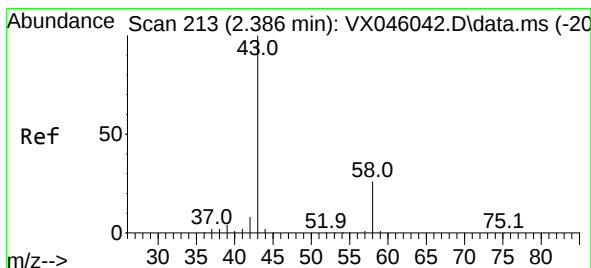
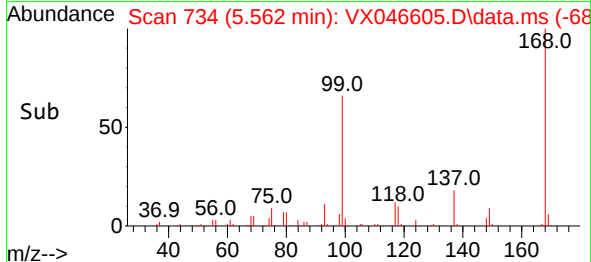
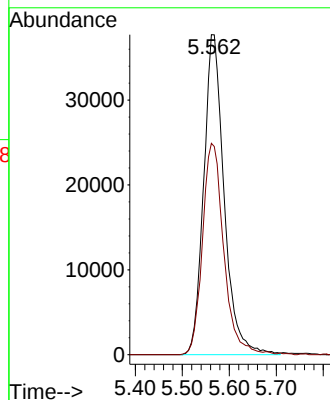
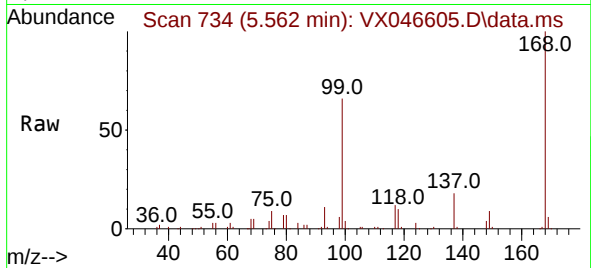




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046605.D
Acq: 10 Jun 2025 16:03

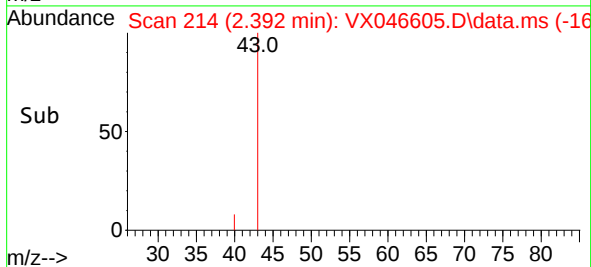
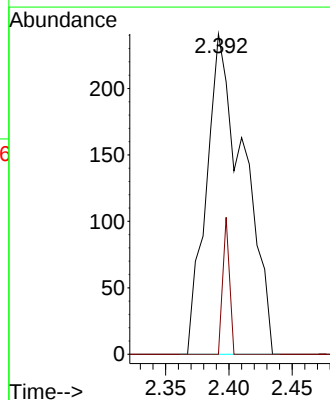
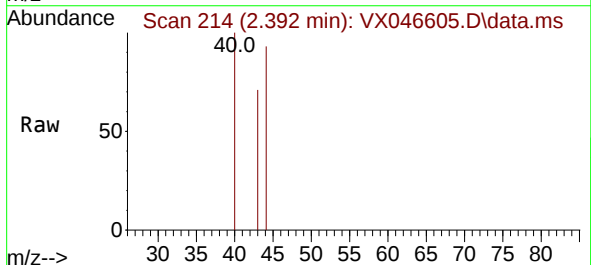
Instrument :
MSVOA_X
ClientSampleId :
IBLK

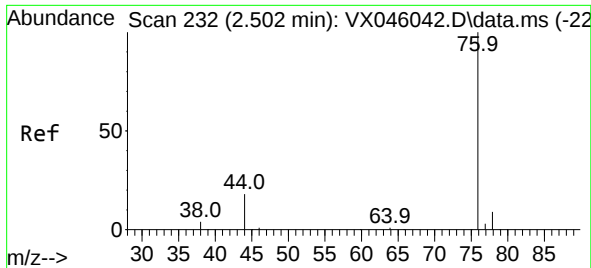
Tgt Ion:168 Resp: 114161
Ion Ratio Lower Upper
168 100
99 66.0 54.9 82.3



#16
Acetone
Concen: 5.209 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046605.D
Acq: 10 Jun 2025 16:03

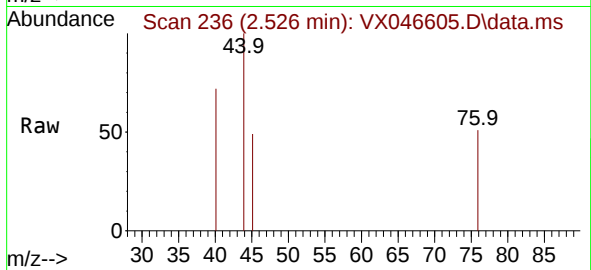
Tgt Ion: 43 Resp: 499
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



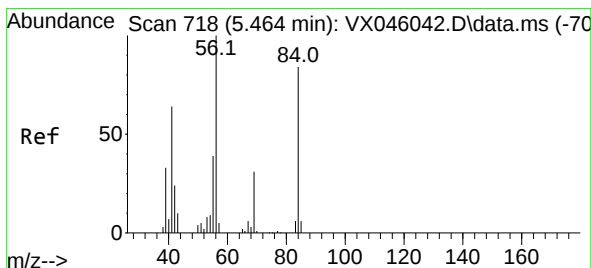
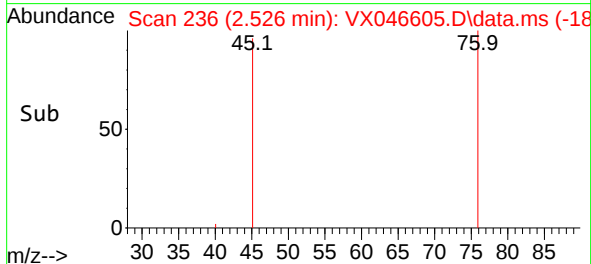
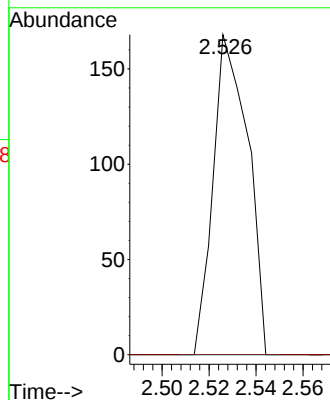


#17
Carbon Disulfide
Concen: 0.262 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046605.D
Acq: 10 Jun 2025 16:03

Instrument :
MSVOA_X
ClientSampleId :
IBLK

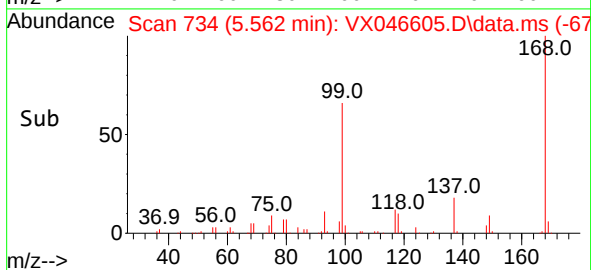
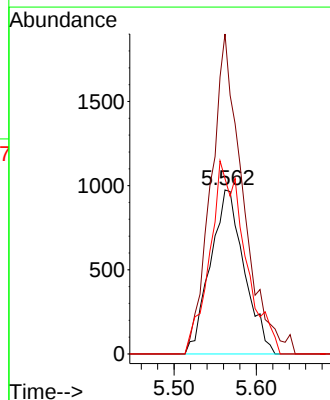
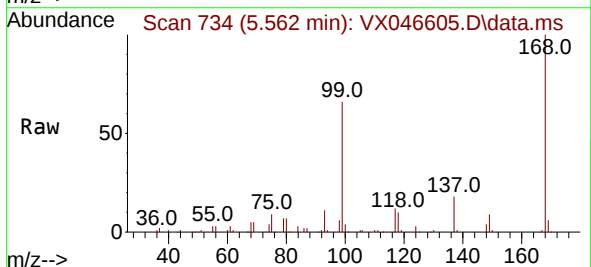


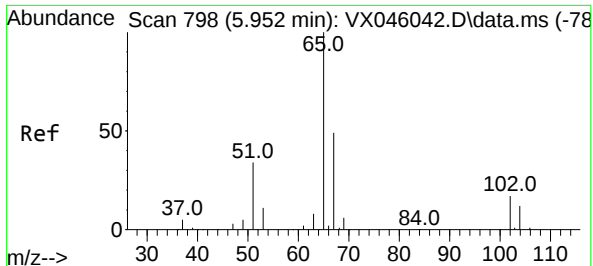
Tgt Ion: 76 Resp: 172
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#31
Cyclohexane
Concen: 1.179 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.073 min
Lab File: VX046605.D
Acq: 10 Jun 2025 16:03

Tgt Ion: 56 Resp: 2783
Ion Ratio Lower Upper
56 100
69 195.2 24.4 36.6#
84 107.0 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 48.106 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.006 min

Lab File: VX046605.D

Acq: 10 Jun 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

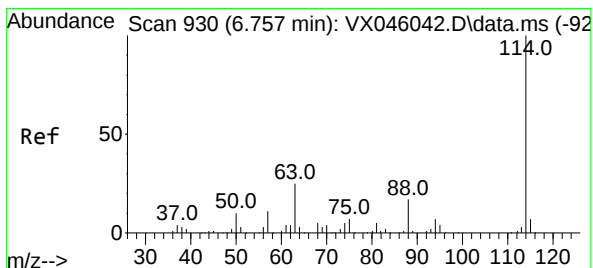
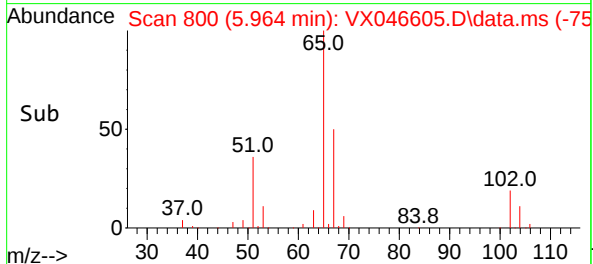
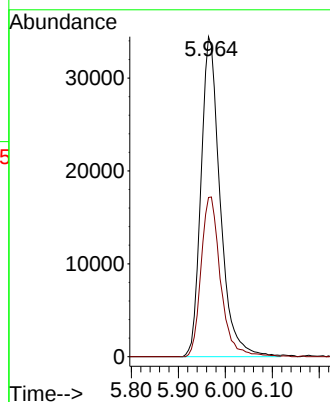
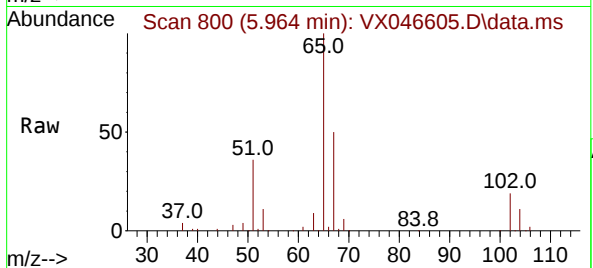
IBLK

Tgt Ion: 65 Resp: 97705

Ion Ratio Lower Upper

65 100

67 50.8 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: VX046605.D

Acq: 10 Jun 2025 16:03

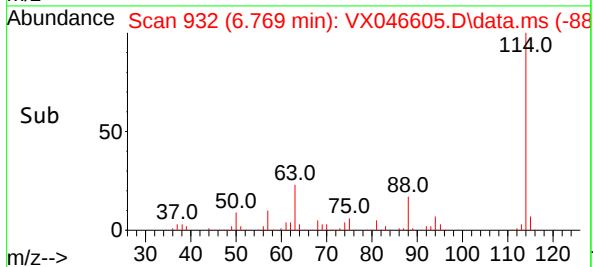
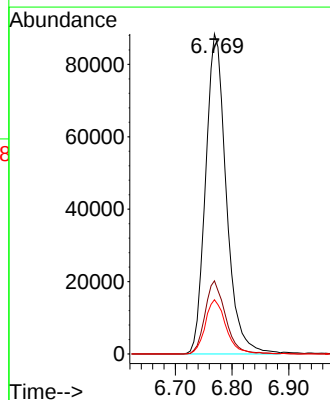
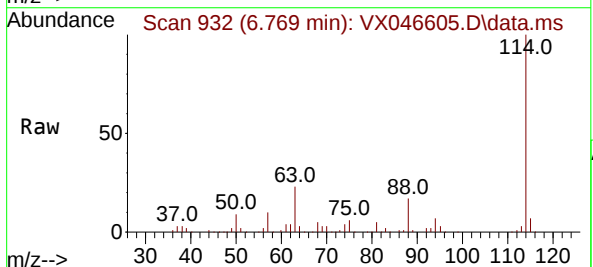
Tgt Ion: 114 Resp: 223910

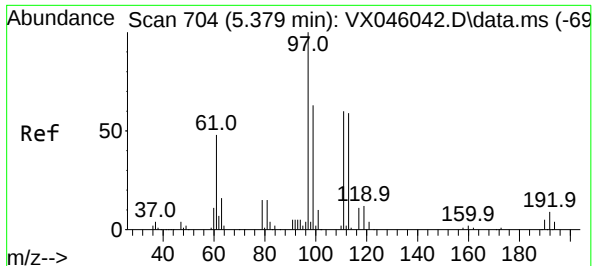
Ion Ratio Lower Upper

114 100

63 22.8 0.0 49.2

88 16.9 0.0 33.6

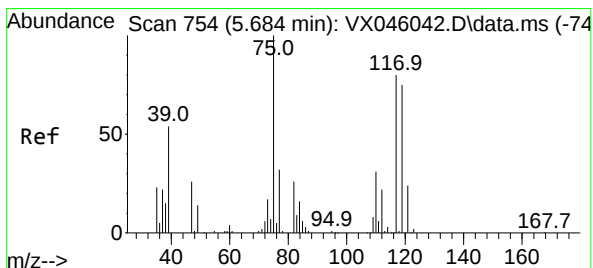
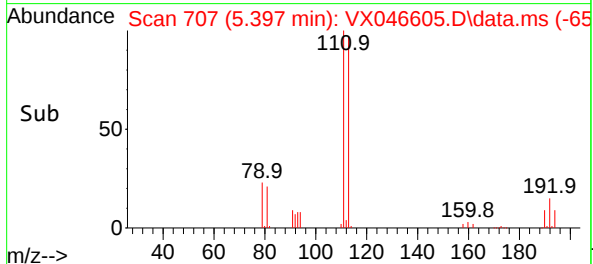
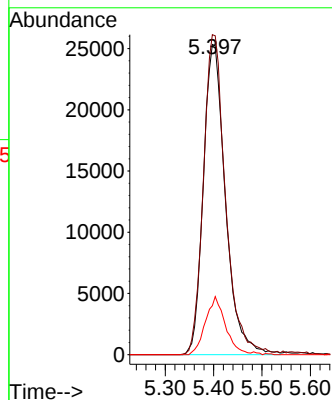
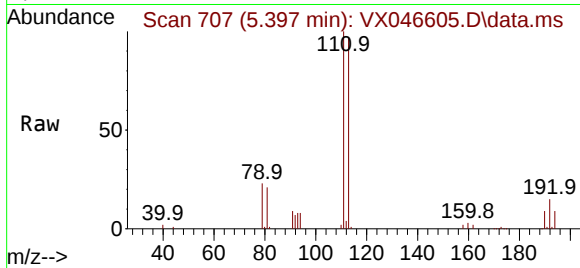




#35
 Dibromofluoromethane
 Concen: 48.933 ug/l
 RT: 5.397 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: VX046605.D
 Acq: 10 Jun 2025 16:03

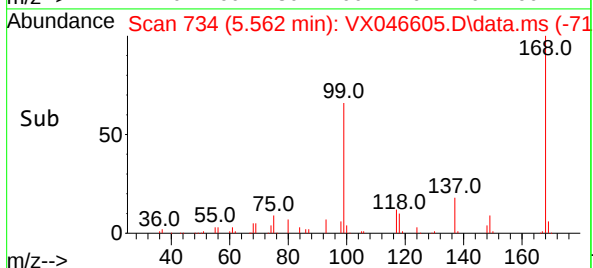
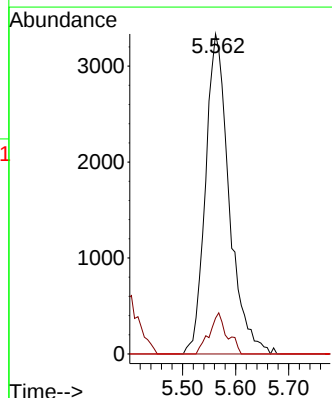
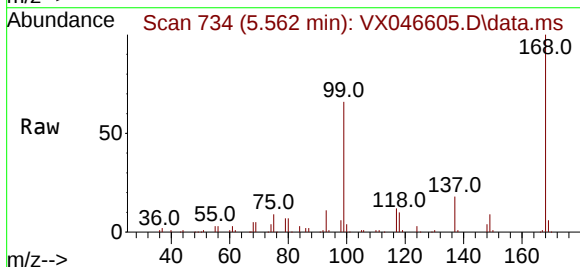
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

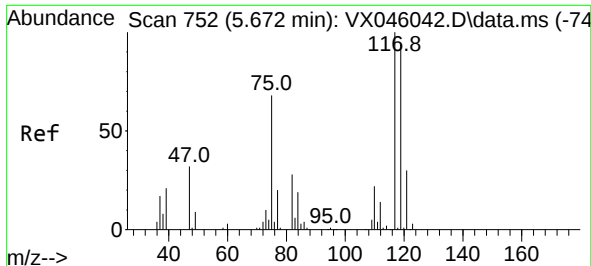
Tgt Ion:113 Resp: 80574
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.1 124.7
 192 16.9 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 4.403 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. -0.152 min
 Lab File: VX046605.D
 Acq: 10 Jun 2025 16:03

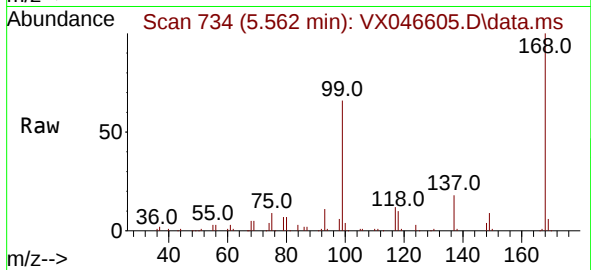
Tgt Ion: 75 Resp: 10357
 Ion Ratio Lower Upper
 75 100
 110 9.6 16.3 48.9#
 77 0.0 24.3 36.5#



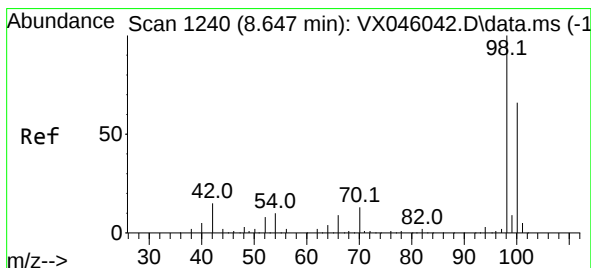
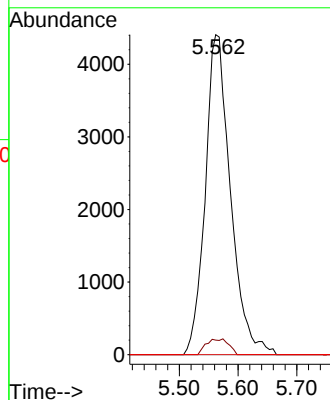
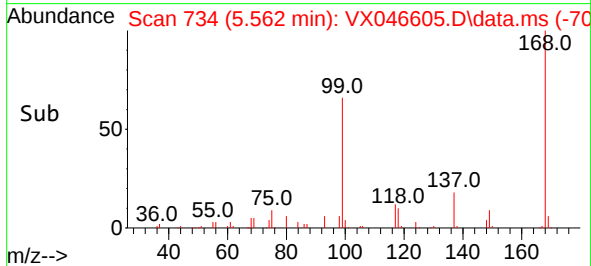


#38
Carbon Tetrachloride
Concen: 4.996 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX046605.D
Acq: 10 Jun 2025 16:03

Instrument :
MSVOA_X
ClientSampleId :
IBLK

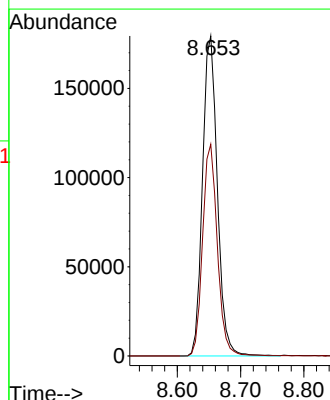
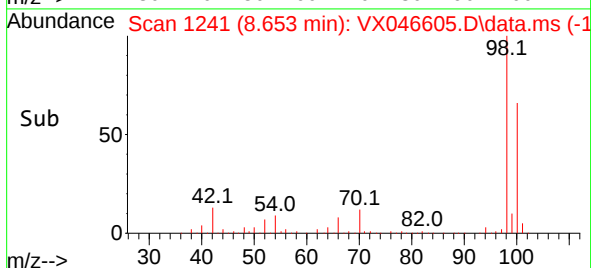
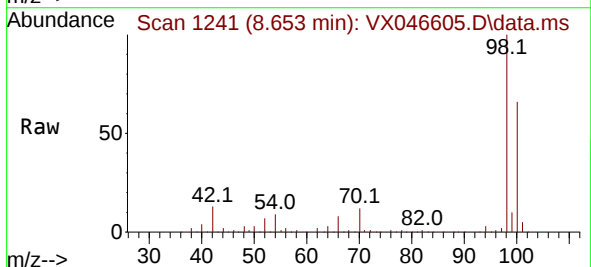


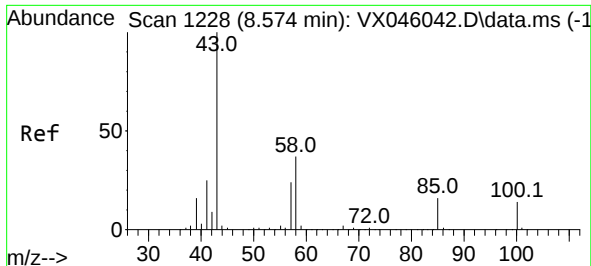
Tgt Ion:117 Resp: 13163
Ion Ratio Lower Upper
117 100
119 4.5 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 54.051 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046605.D
Acq: 10 Jun 2025 16:03

Tgt Ion: 98 Resp: 293429
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3

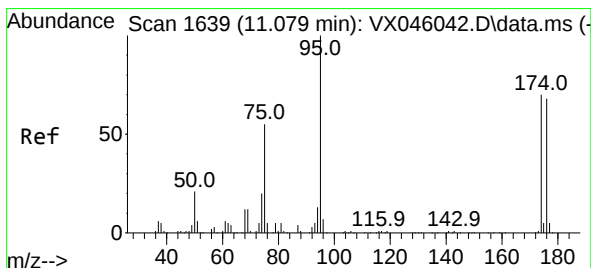
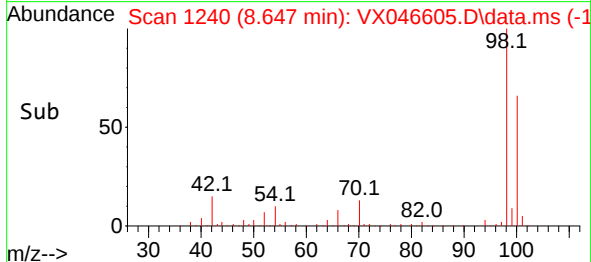
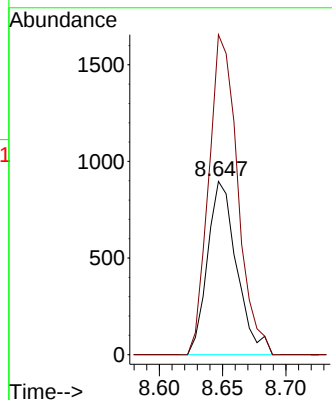
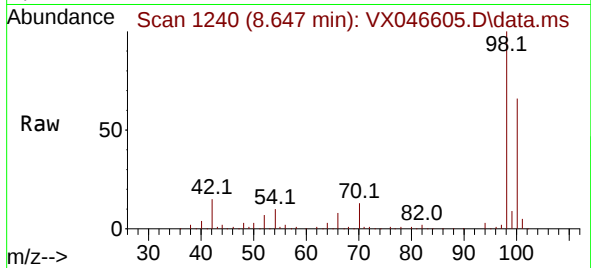




#51
4-Methyl-2-Pentanone
Concen: 0.565 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX046605.D
Acq: 10 Jun 2025 16:03

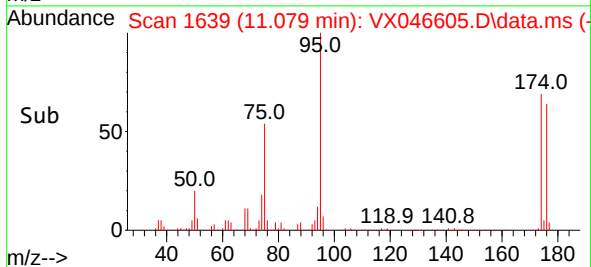
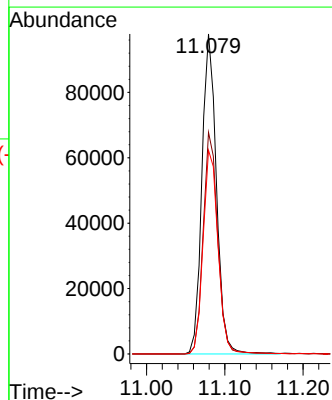
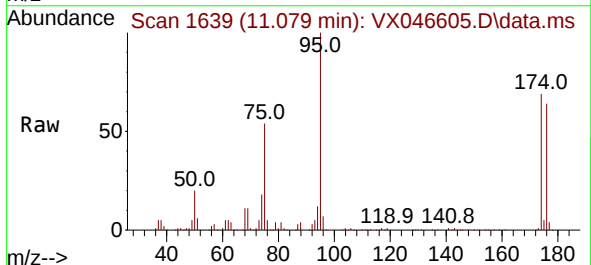
Instrument :
MSVOA_X
ClientSampleId :
IBLK

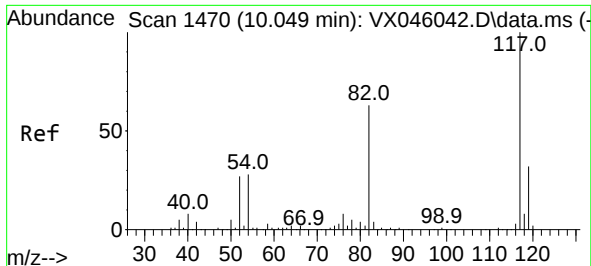
Tgt Ion: 43 Resp: 1436
Ion Ratio Lower Upper
43 100
58 183.4 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 55.998 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046605.D
Acq: 10 Jun 2025 16:03

Tgt Ion: 95 Resp: 125777
Ion Ratio Lower Upper
95 100
174 69.6 0.0 135.8
176 65.8 0.0 131.4

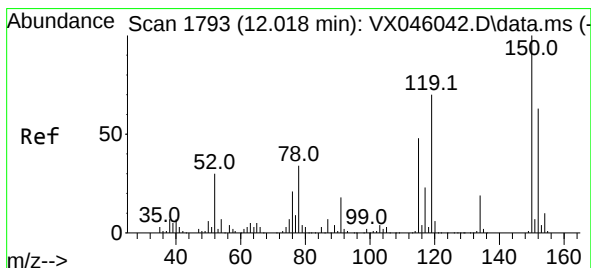
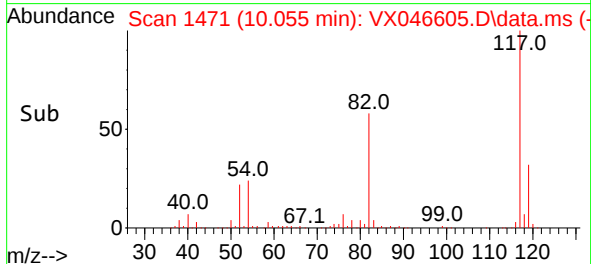
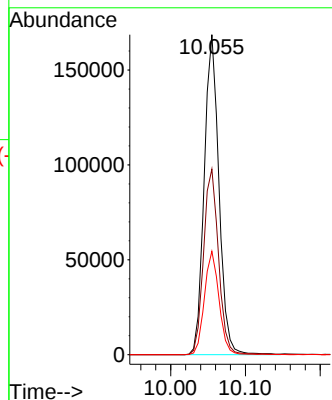
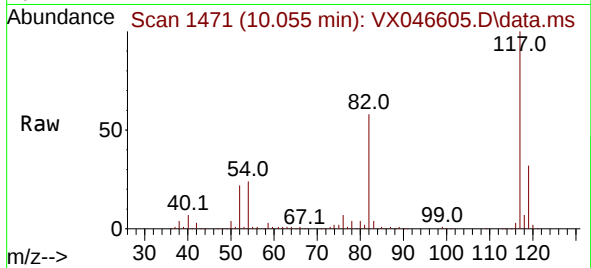




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046605.D
Acq: 10 Jun 2025 16:03

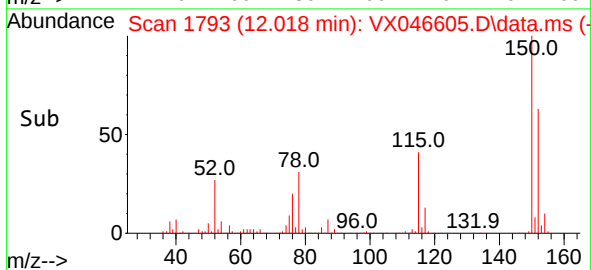
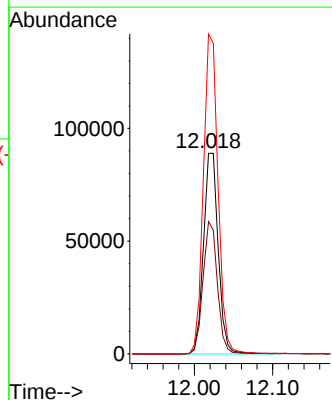
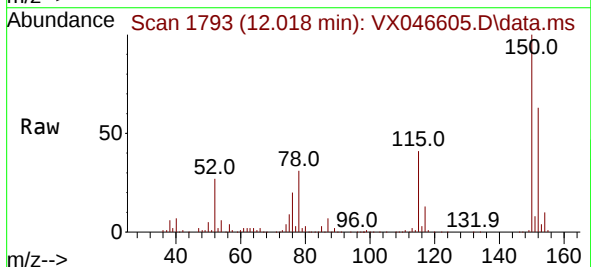
Instrument :
MSVOA_X
ClientSampleId :
IBLK

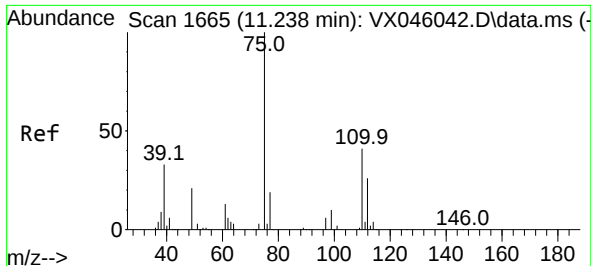
Tgt Ion:117 Resp: 231029
Ion Ratio Lower Upper
117 100
82 58.0 50.6 76.0
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046605.D
Acq: 10 Jun 2025 16:03

Tgt Ion:152 Resp: 116292
Ion Ratio Lower Upper
152 100
115 64.5 46.9 140.7
150 158.7 0.0 351.0

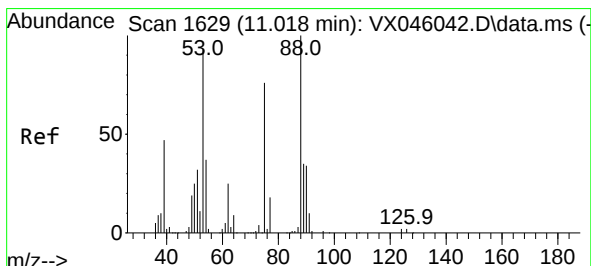
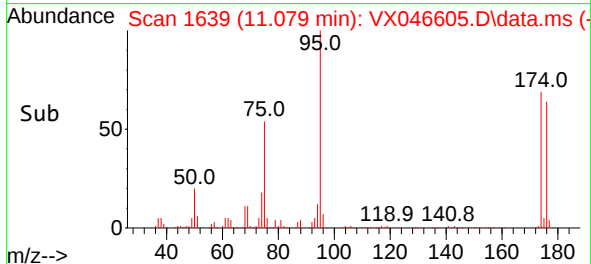
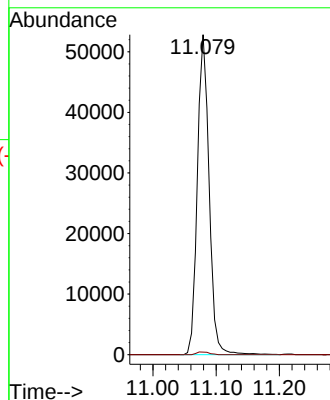
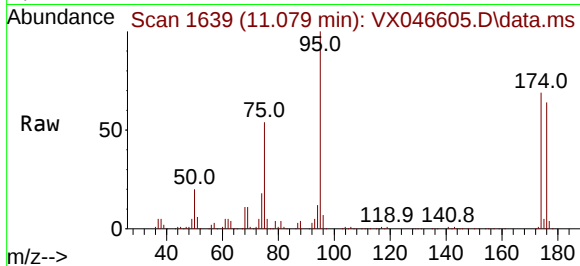




#76
1,2,3-Trichloropropane
Concen: 27.743 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046605.D
Acq: 10 Jun 2025 16:03

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 68337
Ion Ratio Lower Upper
75 100
77 0.9 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.028 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046605.D
Acq: 10 Jun 2025 16:03

Tgt Ion: 75 Resp: 68337
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

