

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046593.D
 Acq On : 10 Jun 2025 11:48
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 11 01:45:01 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)

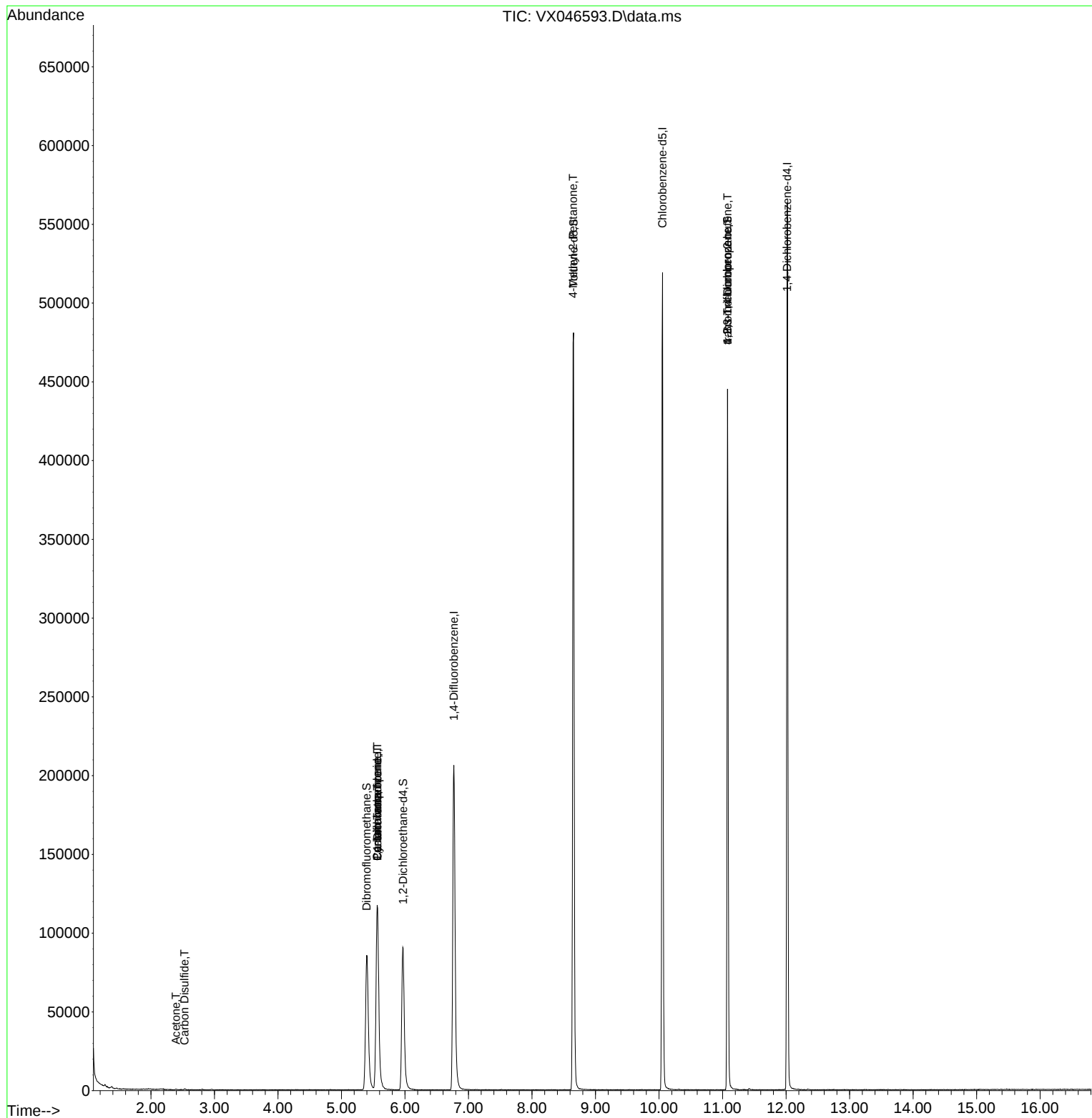
Internal Standards						
1) Pentafluorobenzene	5.562	168	111878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	217132	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	107755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	98334	49.404	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.800%		
35) Dibromofluoromethane	5.397	113	80392	50.346	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.700%		
50) Toluene-d8	8.653	98	289467	54.986	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	109.980%		
62) 4-Bromofluorobenzene	11.079	95	118159	54.248	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	108.500%		
Target Compounds						
16) Acetone	2.392	43	406	5.104	ug/l	96
17) Carbon Disulfide	2.526	76	260	0.294	ug/l #	76
31) Cyclohexane	5.562	56	2874	1.242	ug/l #	31
36) 1,1-Dichloropropene	5.562	75	10106	4.431	ug/l #	50
38) Carbon Tetrachloride	5.562	117	12748	4.990	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1407	0.571	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	63601	27.866	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	63601	80.383	ug/l #	1

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

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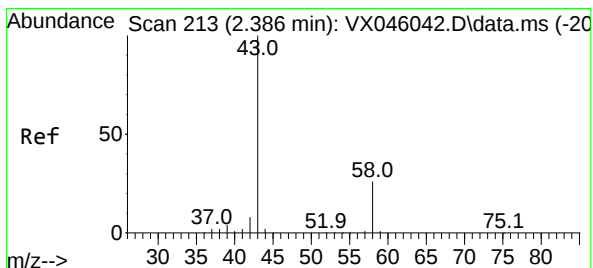
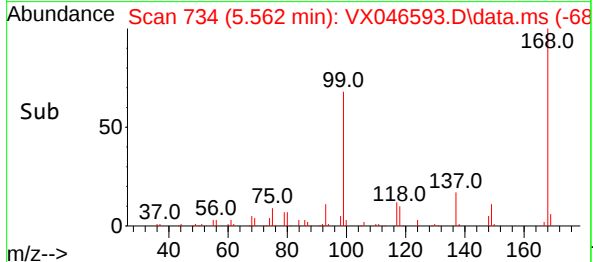
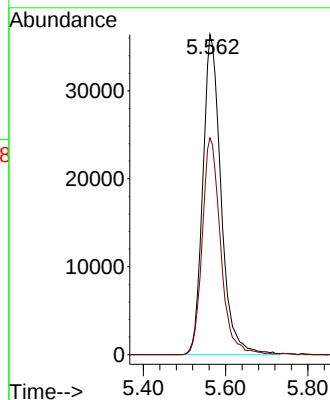
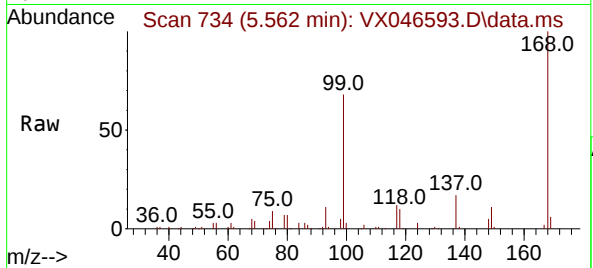




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046593.D
Acq: 10 Jun 2025 11:48

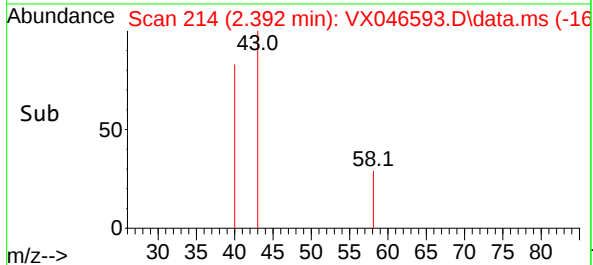
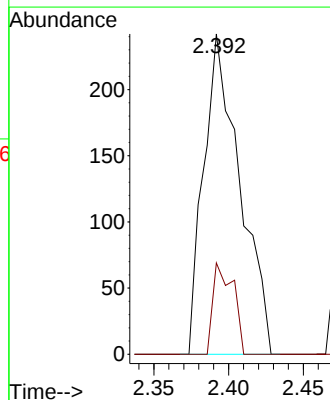
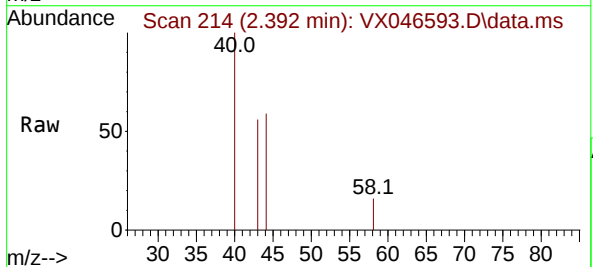
Instrument :
MSVOA_X
ClientSampleId :
IBLK

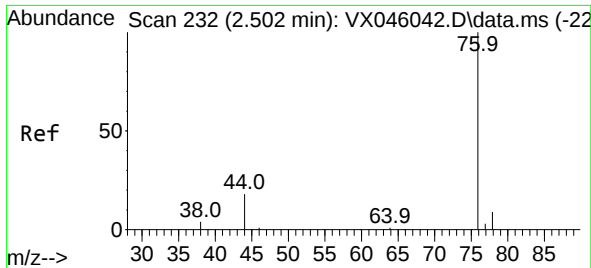
Tgt Ion:168 Resp: 111878
Ion Ratio Lower Upper
168 100
99 67.7 54.9 82.3



#16
Acetone
Concen: 5.104 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046593.D
Acq: 10 Jun 2025 11:48

Tgt Ion: 43 Resp: 406
Ion Ratio Lower Upper
43 100
58 28.5 21.2 31.8





#17

Carbon Disulfide

Concen: 0.294 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX046593.D

Acq: 10 Jun 2025 11:48

Instrument :

MSVOA_X

ClientSampleId :

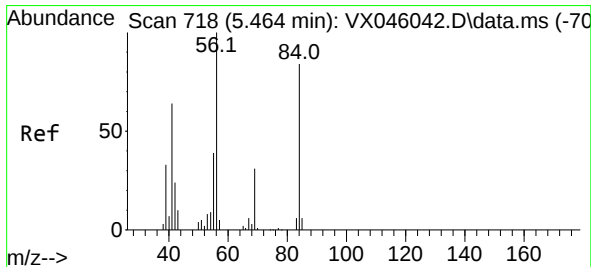
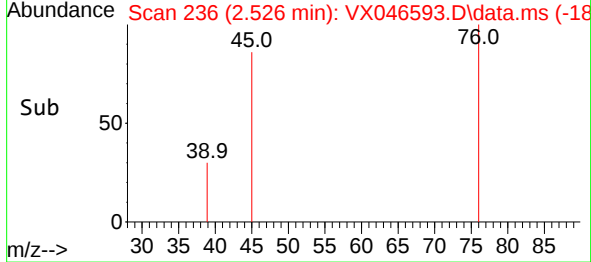
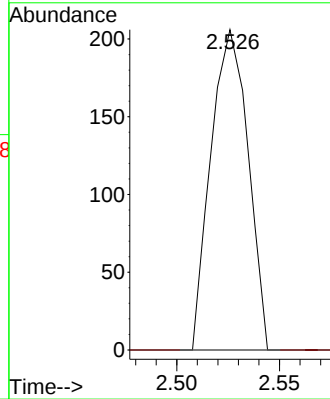
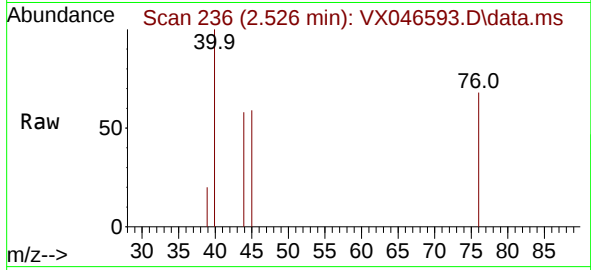
IBLK

Tgt Ion: 76 Resp: 260

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



#31

Cyclohexane

Concen: 1.242 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.073 min

Lab File: VX046593.D

Acq: 10 Jun 2025 11:48

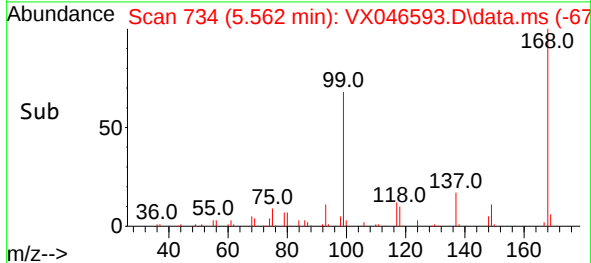
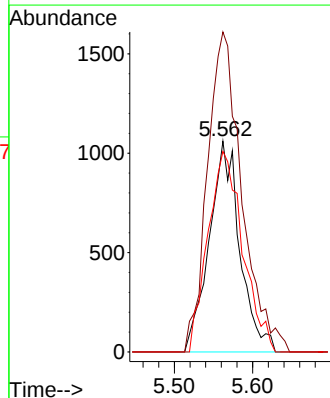
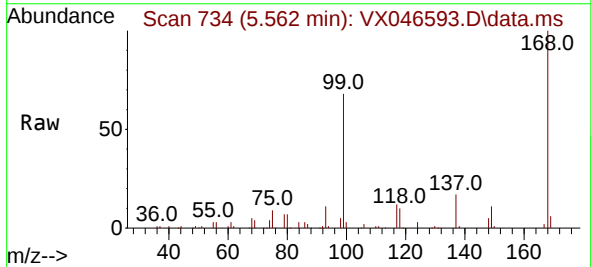
Tgt Ion: 56 Resp: 2874

Ion Ratio Lower Upper

56 100

69 151.9 24.4 36.6#

84 95.2 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 49.404 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.000 min

Lab File: VX046593.D

Acq: 10 Jun 2025 11:48

Instrument :

MSVOA_X

ClientSampleId :

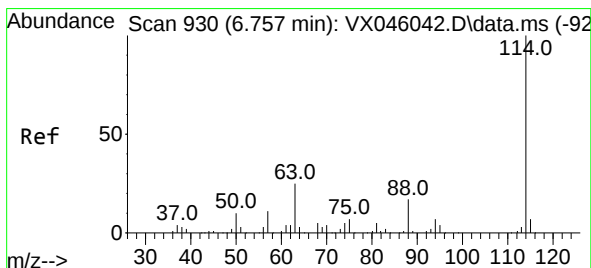
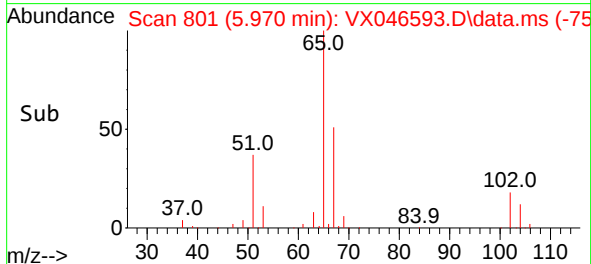
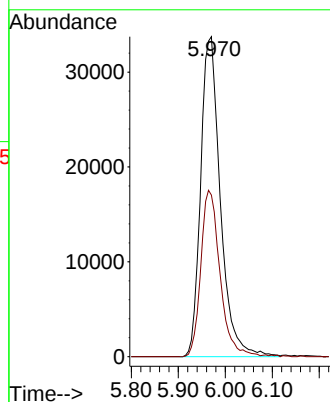
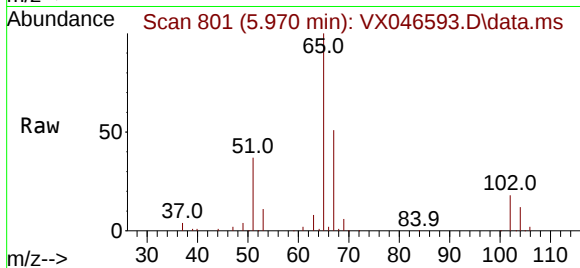
IBLK

Tgt Ion: 65 Resp: 98334

Ion Ratio Lower Upper

65 100

67 50.6 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: VX046593.D

Acq: 10 Jun 2025 11:48

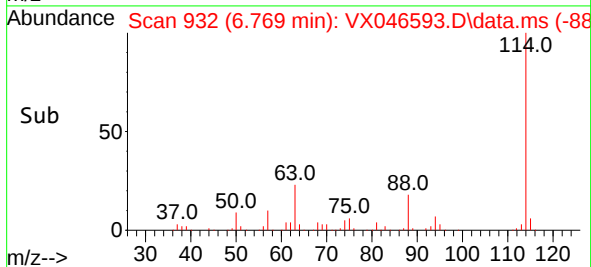
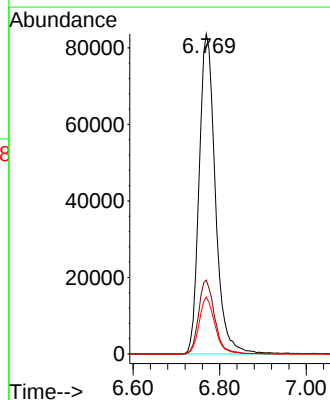
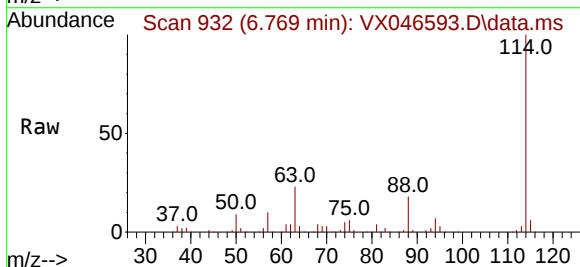
Tgt Ion: 114 Resp: 217132

Ion Ratio Lower Upper

114 100

63 23.1 0.0 49.2

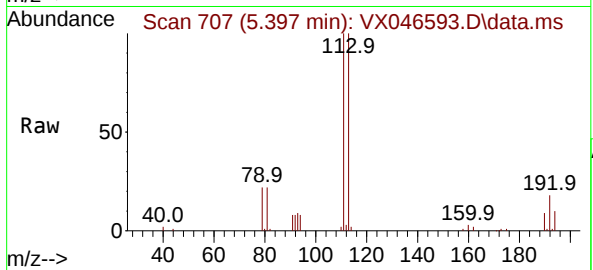
88 17.8 0.0 33.6



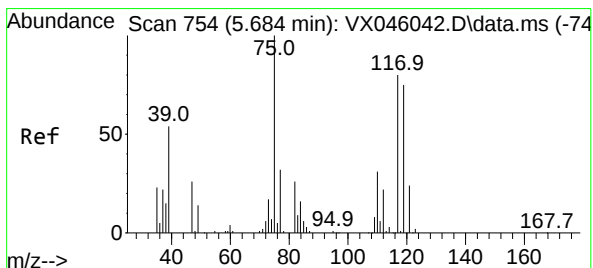
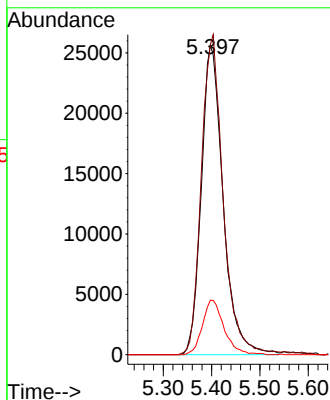
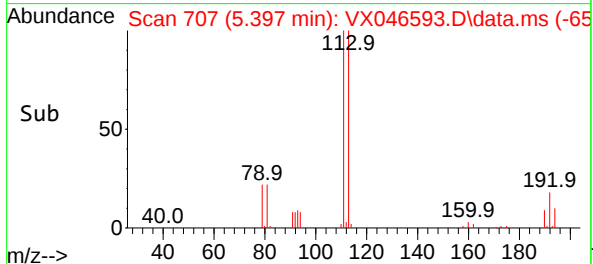


#35
Dibromofluoromethane
Concen: 50.346 ug/l
RT: 5.397 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX046593.D
Acq: 10 Jun 2025 11:48

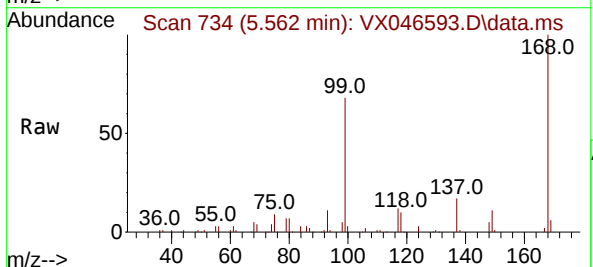
Instrument :
MSVOA_X
ClientSampleId :
IBLK



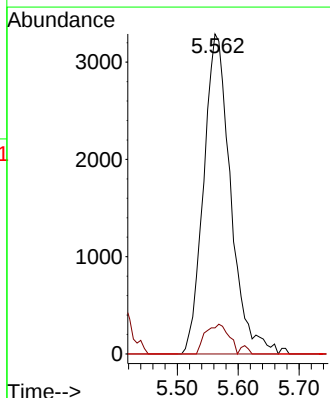
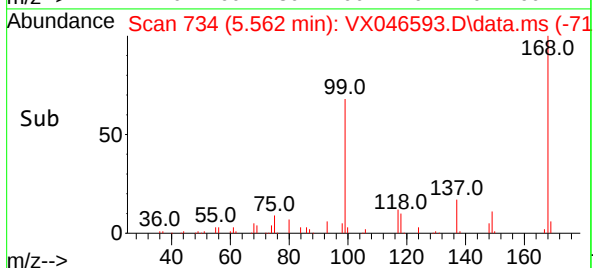
Tgt Ion:113 Resp: 80392
Ion Ratio Lower Upper
113 100
111 103.2 83.1 124.7
192 17.5 13.3 19.9

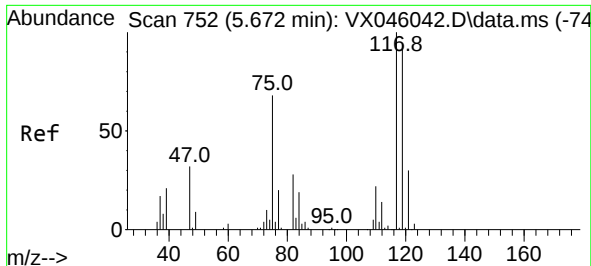


#36
1,1-Dichloropropene
Concen: 4.431 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.152 min
Lab File: VX046593.D
Acq: 10 Jun 2025 11:48



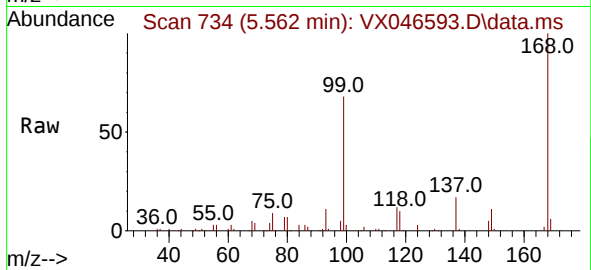
Tgt Ion: 75 Resp: 10106
Ion Ratio Lower Upper
75 100
110 8.0 16.3 48.9#
77 0.0 24.3 36.5#



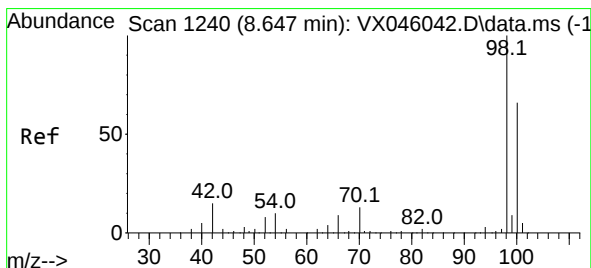
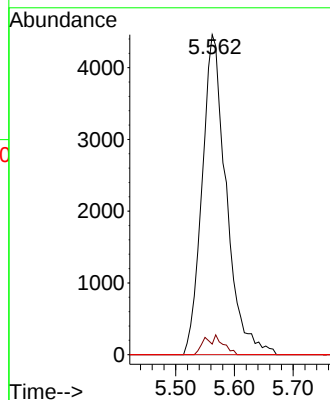
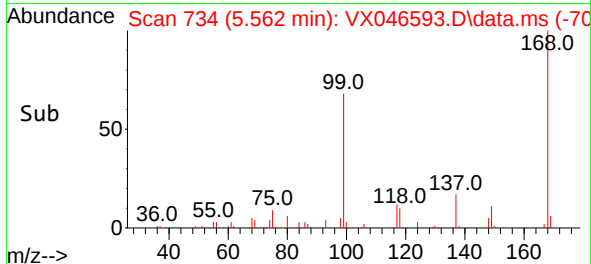


#38
Carbon Tetrachloride
Concen: 4.990 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX046593.D
Acq: 10 Jun 2025 11:48

Instrument :
MSVOA_X
ClientSampleId :
IBLK

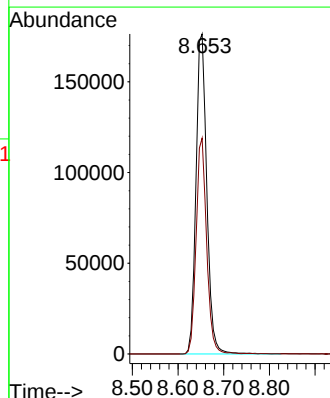
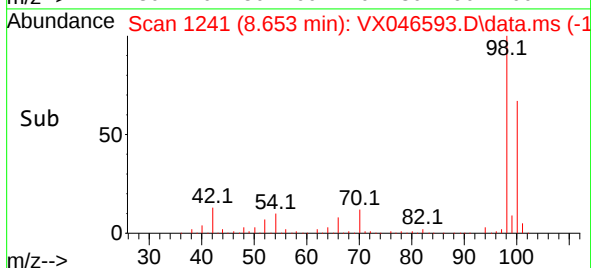
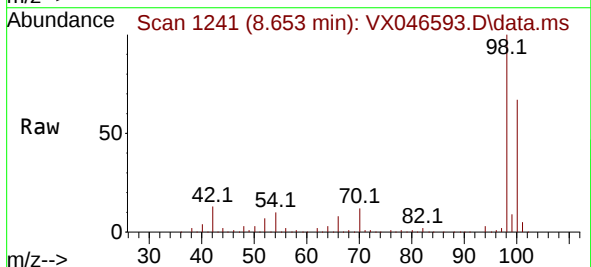


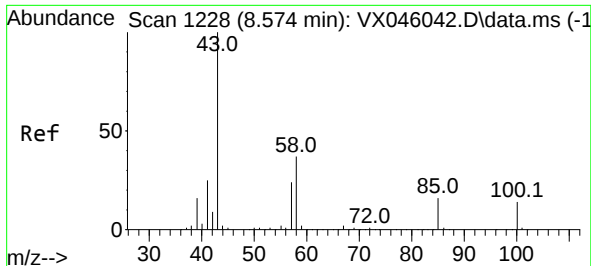
Tgt Ion:117 Resp: 12748
Ion Ratio Lower Upper
117 100
119 3.3 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 54.986 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046593.D
Acq: 10 Jun 2025 11:48

Tgt Ion: 98 Resp: 289467
Ion Ratio Lower Upper
98 100
100 65.6 53.5 80.3





#51

4-Methyl-2-Pentanone

Concen: 0.571 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX046593.D

Acq: 10 Jun 2025 11:48

Instrument :

MSVOA_X

ClientSampleId :

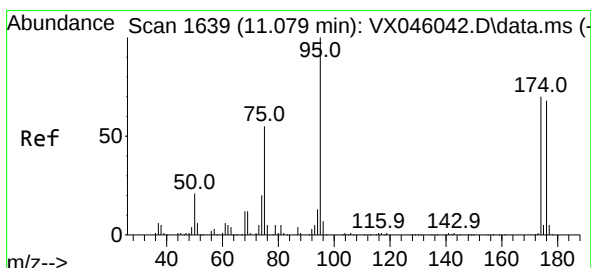
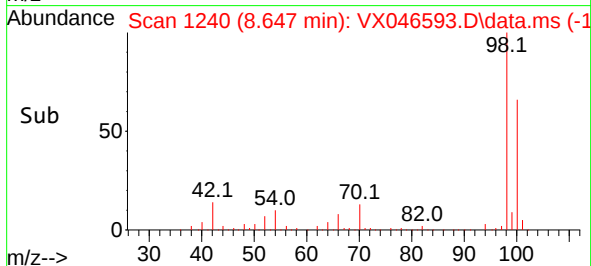
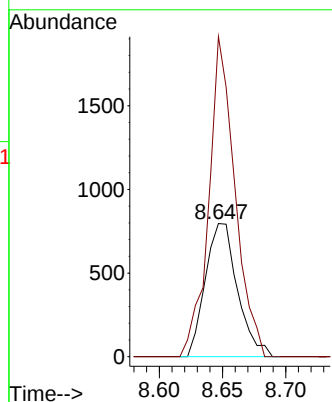
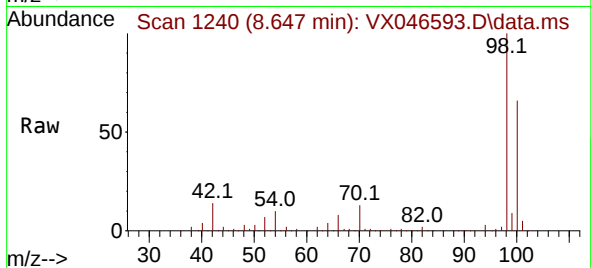
IBLK

Tgt Ion: 43 Resp: 1407

Ion Ratio Lower Upper

43 100

58 196.4 28.9 43.3#



#62

4-Bromofluorobenzene

Concen: 54.248 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX046593.D

Acq: 10 Jun 2025 11:48

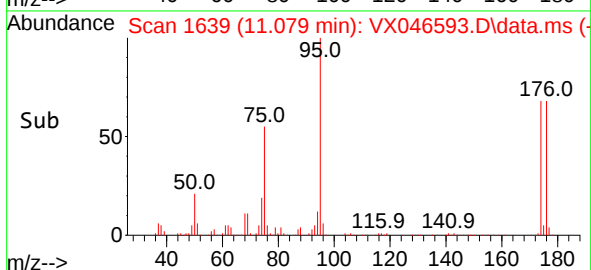
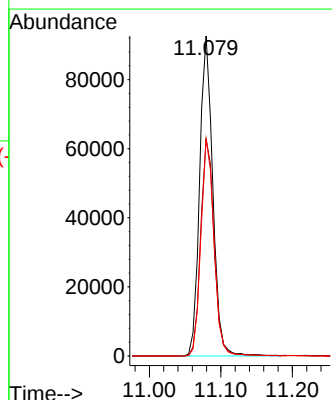
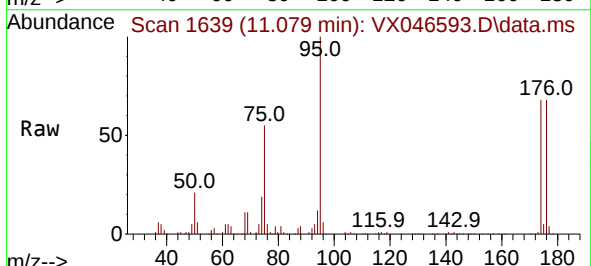
Tgt Ion: 95 Resp: 118159

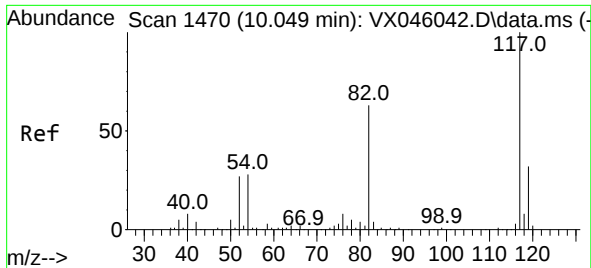
Ion Ratio Lower Upper

95 100

174 69.3 0.0 135.8

176 67.6 0.0 131.4

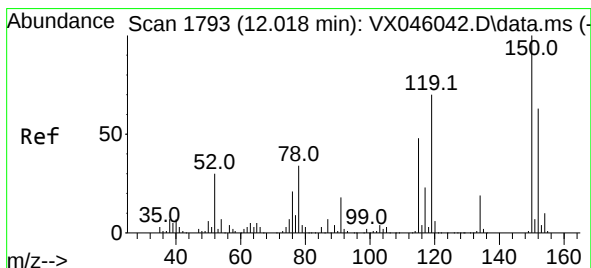
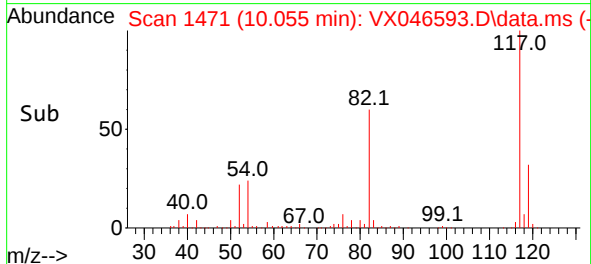
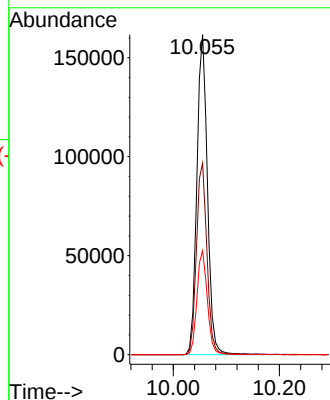
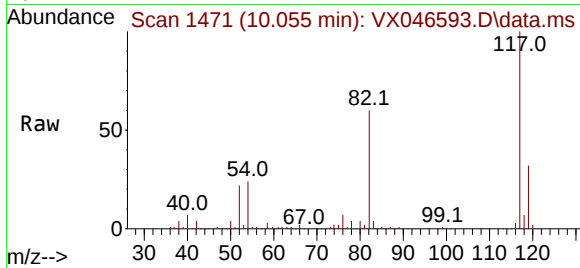




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046593.D
Acq: 10 Jun 2025 11:48

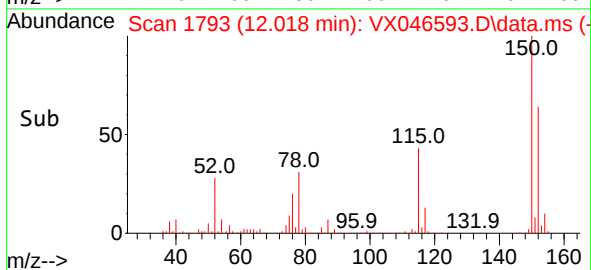
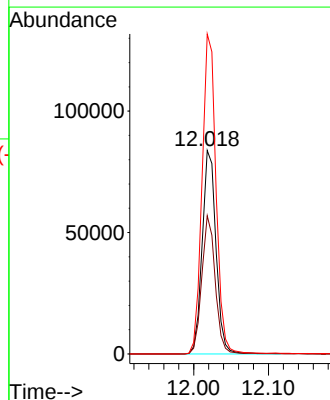
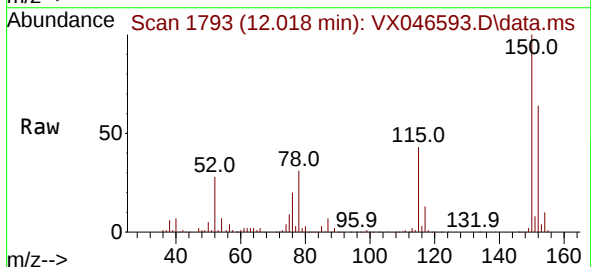
Instrument :
MSVOA_X
ClientSampleId :
IBLK

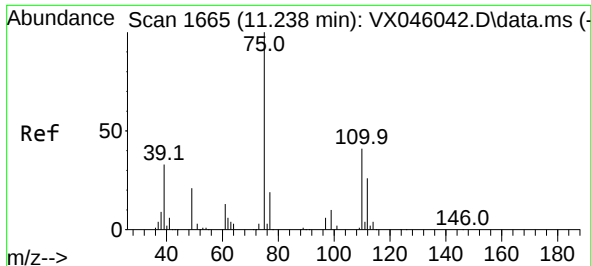
Tgt Ion:117 Resp: 223353
Ion Ratio Lower Upper
117 100
82 59.9 50.6 76.0
119 32.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046593.D
Acq: 10 Jun 2025 11:48

Tgt Ion:152 Resp: 107755
Ion Ratio Lower Upper
152 100
115 66.2 46.9 140.7
150 158.6 0.0 351.0

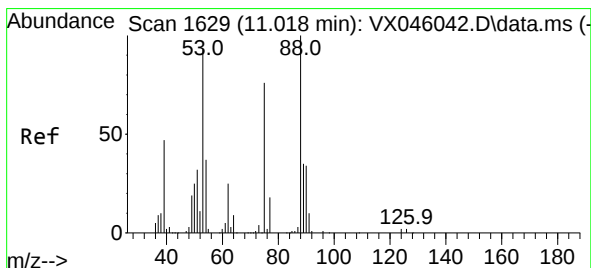
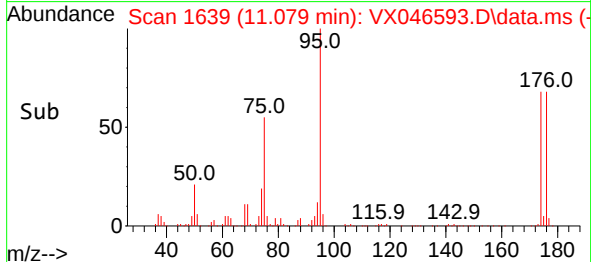
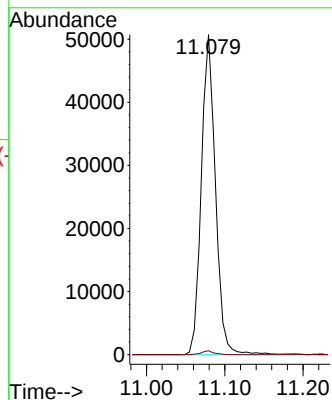
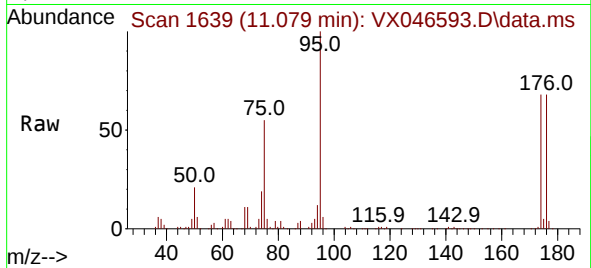




#76
1,2,3-Trichloropropane
Concen: 27.866 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046593.D
Acq: 10 Jun 2025 11:48

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 63601
Ion Ratio Lower Upper
75 100
77 1.1 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.383 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046593.D
Acq: 10 Jun 2025 11:48

Tgt Ion: 75 Resp: 63601
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

