

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046811.D
 Acq On : 23 Jun 2025 11:43
 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 24 04:03:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

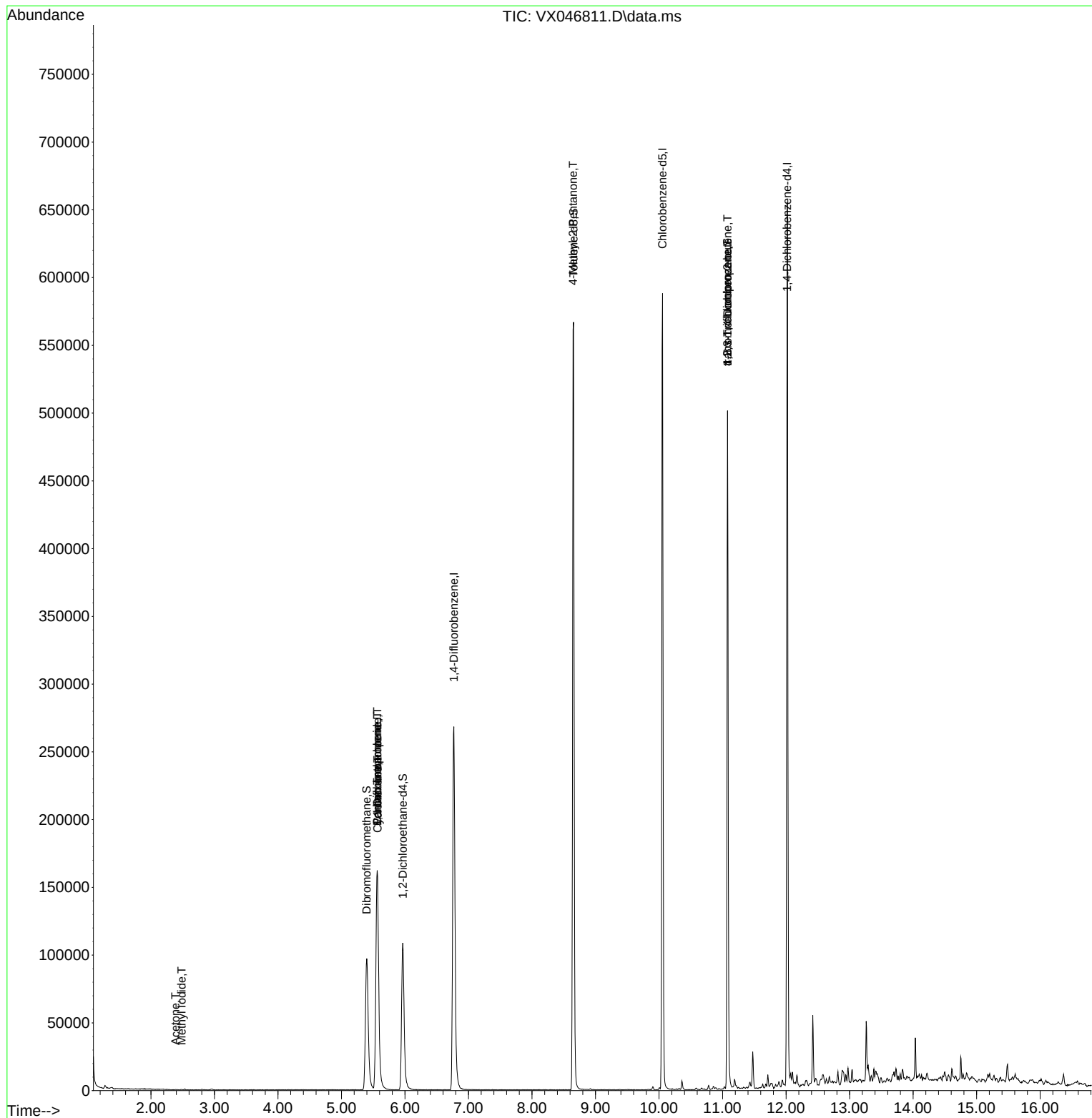
Internal Standards						
1) Pentafluorobenzene	5.562	168	171224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	297676	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	135211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112394	47.457	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.920%
35) Dibromofluoromethane	5.397	113	93869	47.661	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.320%
50) Toluene-d8	8.653	98	355662	50.263	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.520%
62) 4-Bromofluorobenzene	11.079	95	134279	50.908	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.820%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.483	142	274	4.436	ug/l #	86
16) Acetone	2.385	43	235	0.298	ug/l #	44
31) Cyclohexane	5.568	56	3220	0.908	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	13074	4.599	ug/l #	50
38) Carbon Tetrachloride	5.562	117	17743	5.751	ug/l #	17
51) 4-Methyl-2-Pentanone	8.646	43	1680	0.686	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	67687	27.333	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	67687	77.258	ug/l #	7

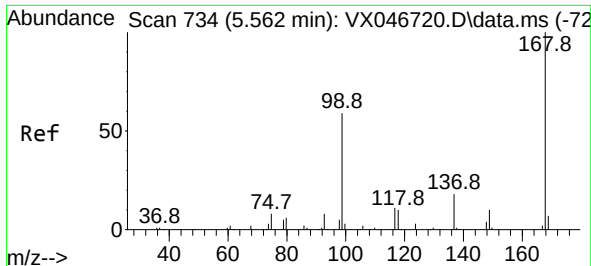
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
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MSVOA_X
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IBLK

Quant Time: Jun 24 04:03:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

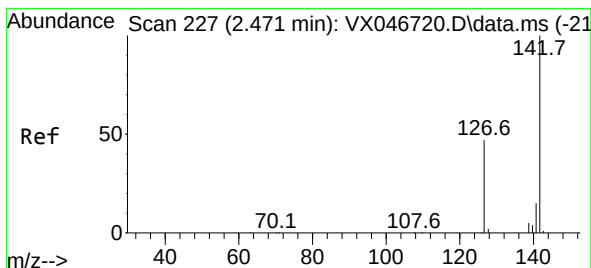
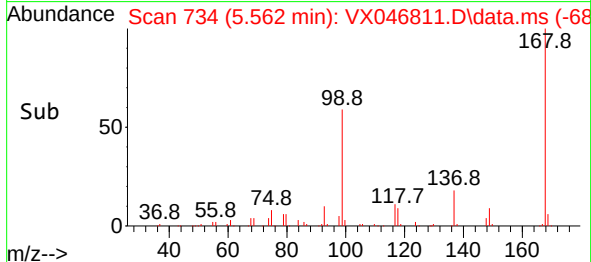
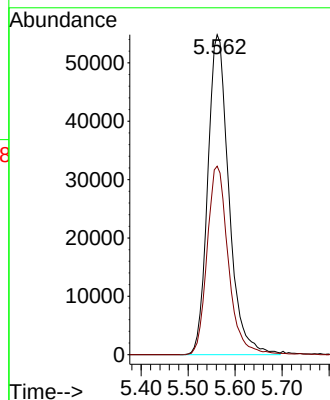
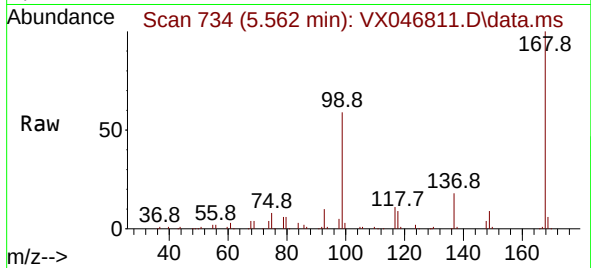




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046811.D
Acq: 23 Jun 2025 11:43

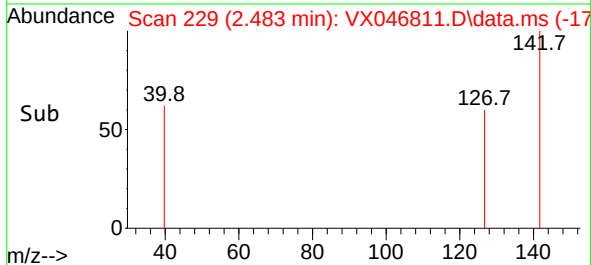
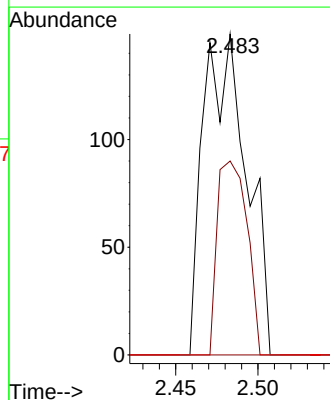
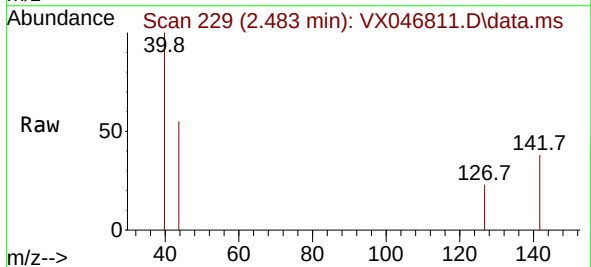
Instrument :
MSVOA_X
ClientSampleId :
IBLK

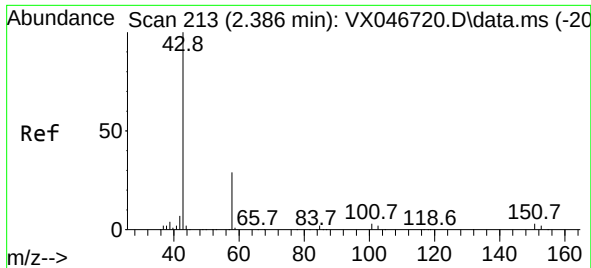
Tgt Ion:168 Resp: 171224
Ion Ratio Lower Upper
168 100
99 58.9 48.5 72.7



#10
Methyl Iodide
Concen: 4.436 ug/l
RT: 2.483 min Scan# 229
Delta R.T. 0.012 min
Lab File: VX046811.D
Acq: 23 Jun 2025 11:43

Tgt Ion:142 Resp: 274
Ion Ratio Lower Upper
142 100
127 41.2 37.0 55.6
141 0.0 11.5 17.3#

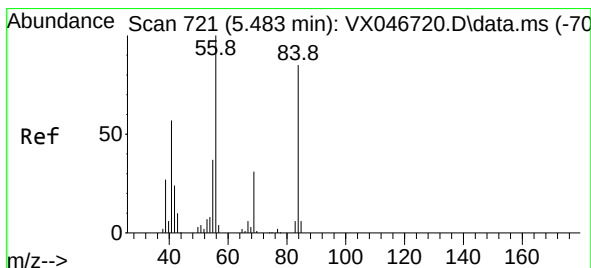
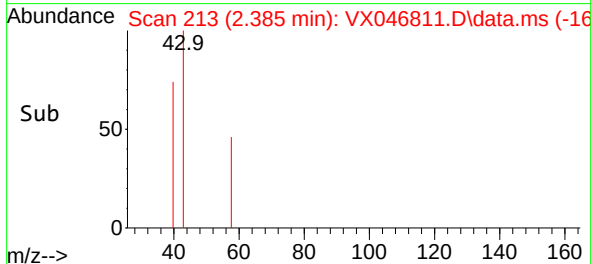
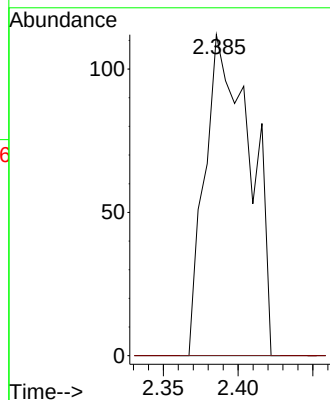
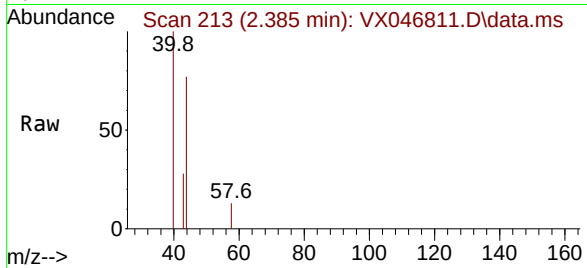




#16
Acetone
Concen: 0.298 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046811.D
Acq: 23 Jun 2025 11:43

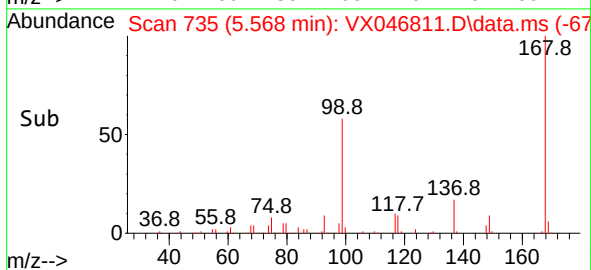
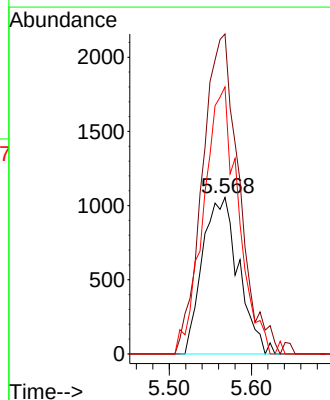
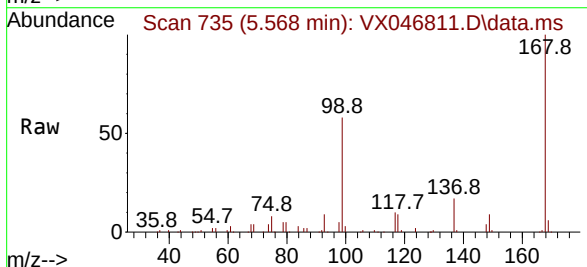
Instrument :
MSVOA_X
ClientSampleId :
IBLK

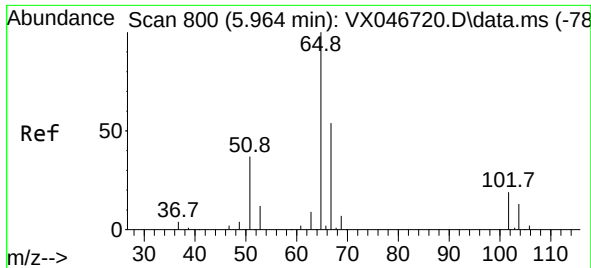
Tgt Ion: 43 Resp: 235
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#31
Cyclohexane
Concen: 0.908 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.085 min
Lab File: VX046811.D
Acq: 23 Jun 2025 11:43

Tgt Ion: 56 Resp: 3220
Ion Ratio Lower Upper
56 100
69 204.5 24.8 37.2#
84 162.5 68.2 102.2#

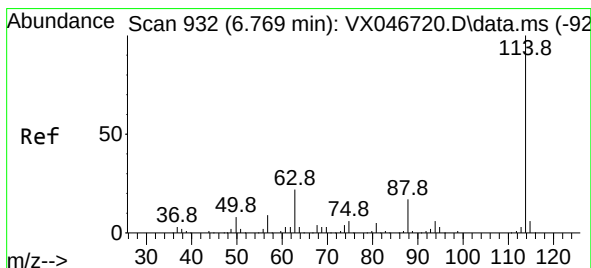
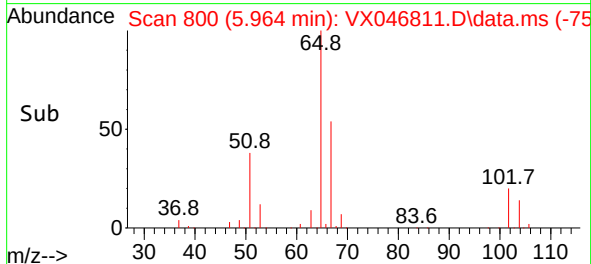
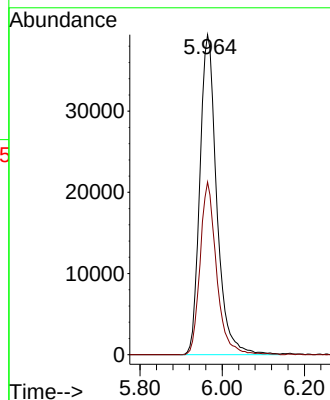
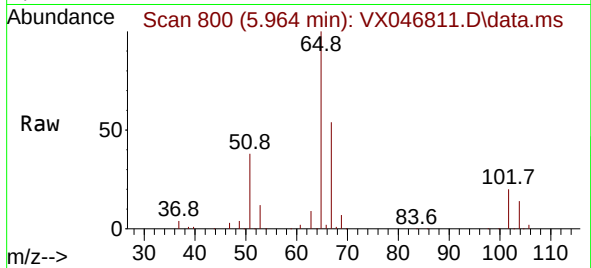




#33
 1,2-Dichloroethane-d4
 Concen: 47.457 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX046811.D
 Acq: 23 Jun 2025 11:43

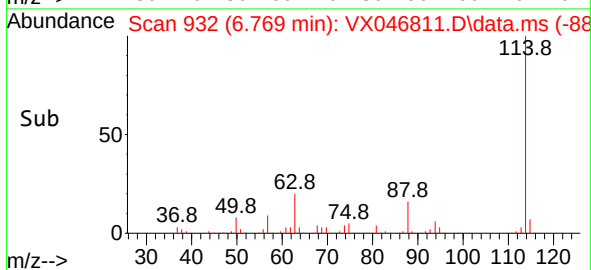
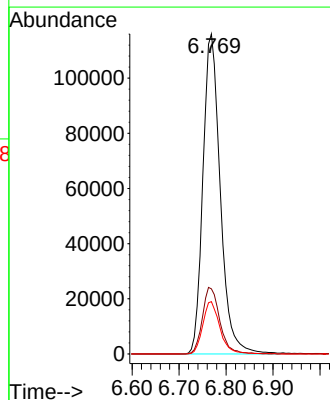
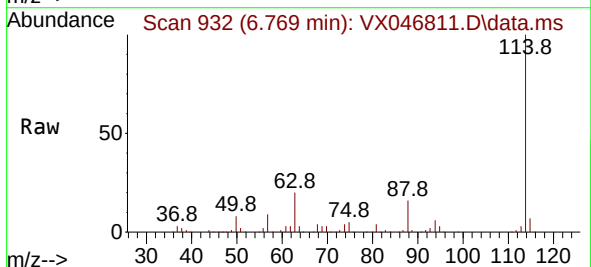
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

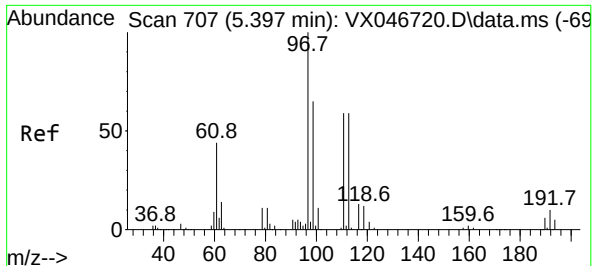
Tgt Ion: 65 Resp: 112394
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX046811.D
 Acq: 23 Jun 2025 11:43

Tgt Ion: 114 Resp: 297676
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 44.2
 88 16.4 0.0 33.2

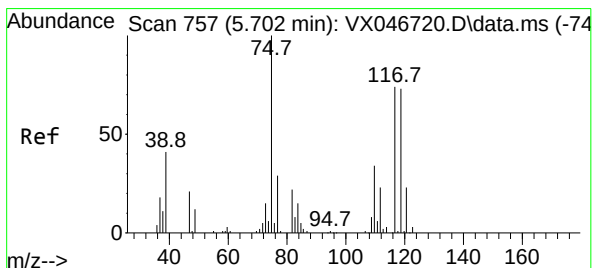
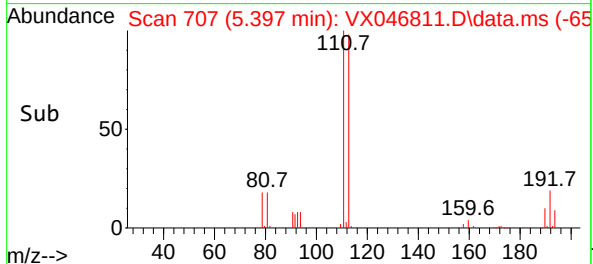
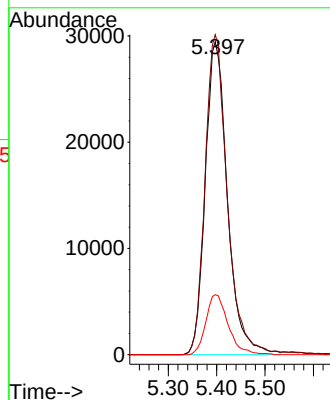
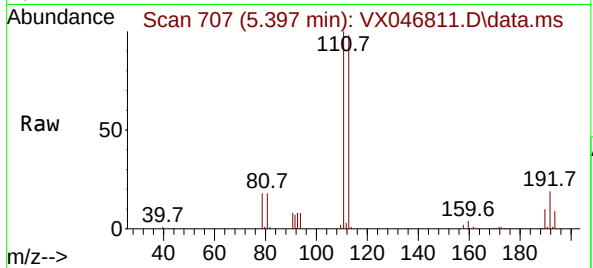




#35
Dibromofluoromethane
Concen: 47.661 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046811.D
Acq: 23 Jun 2025 11:43

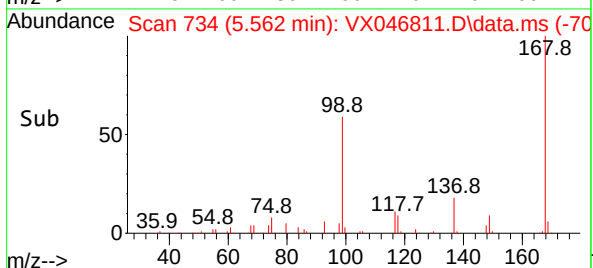
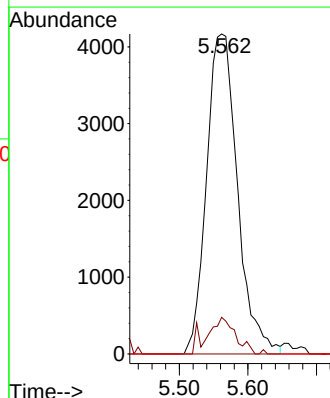
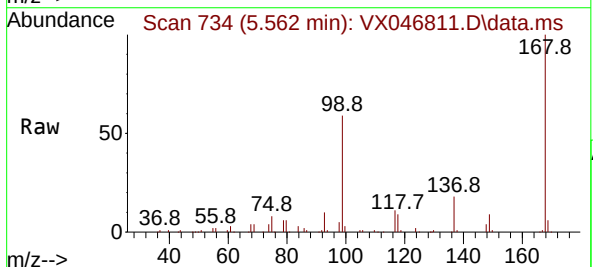
Instrument :
MSVOA_X
ClientSampleId :
IBLK

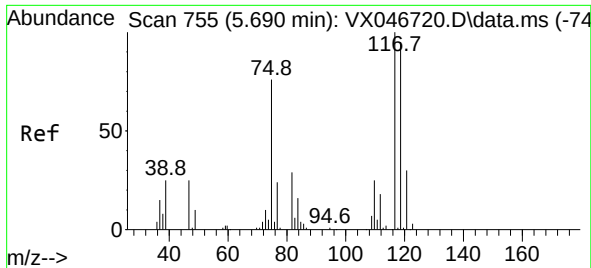
Tgt Ion:113 Resp: 93869
Ion Ratio Lower Upper
113 100
111 103.3 82.0 123.0
192 19.3 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.599 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.141 min
Lab File: VX046811.D
Acq: 23 Jun 2025 11:43

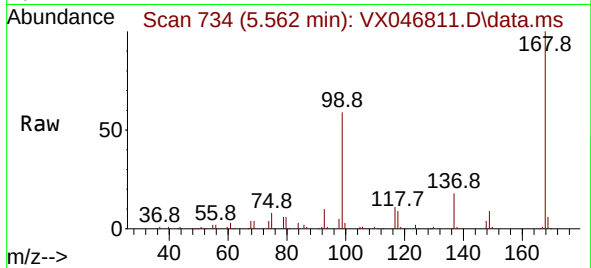
Tgt Ion: 75 Resp: 13074
Ion Ratio Lower Upper
75 100
110 8.5 17.2 51.5#
77 0.0 24.2 36.4#



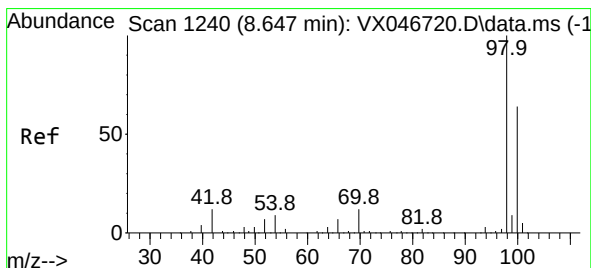
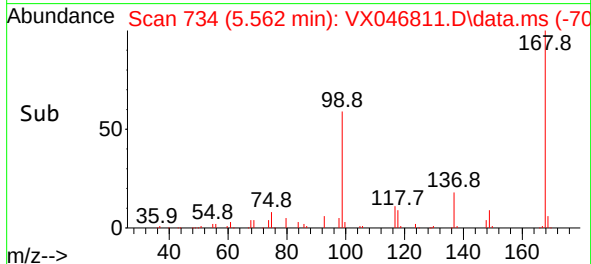
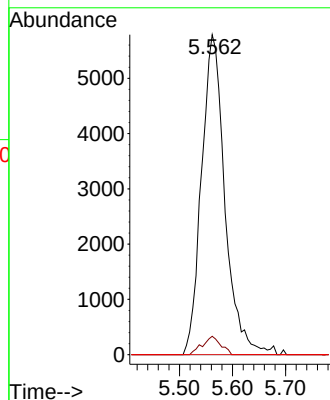


#38
Carbon Tetrachloride
Concen: 5.751 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046811.D
Acq: 23 Jun 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
IBLK

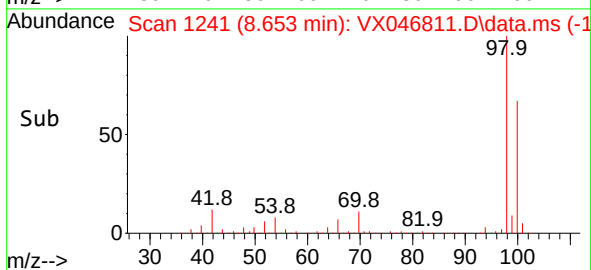
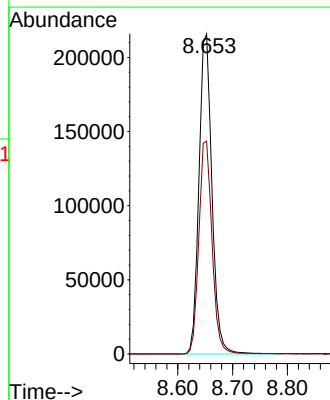
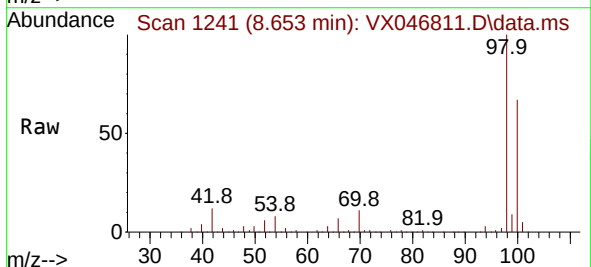


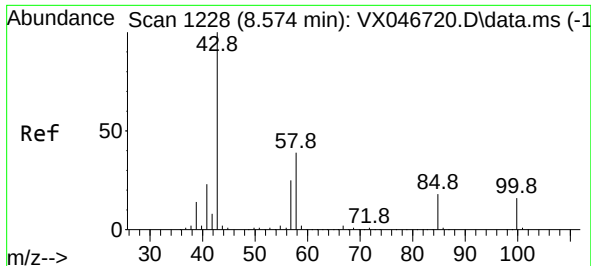
Tgt Ion:117 Resp: 17743
Ion Ratio Lower Upper
117 100
119 5.8 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 50.263 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046811.D
Acq: 23 Jun 2025 11:43

Tgt Ion: 98 Resp: 355662
Ion Ratio Lower Upper
98 100
100 67.7 53.0 79.4

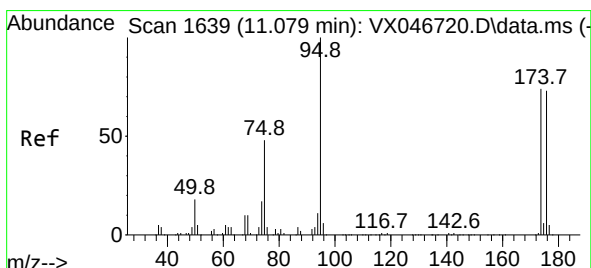
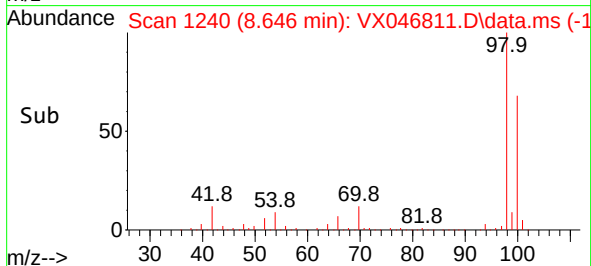
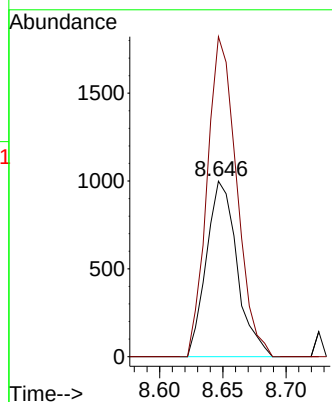
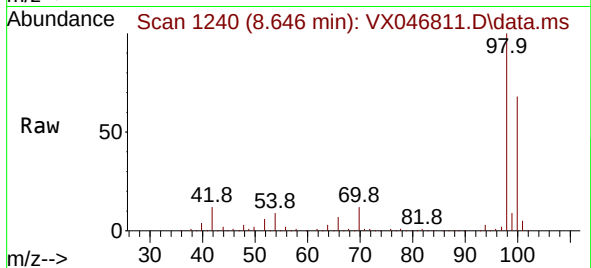




#51
4-Methyl-2-Pentanone
Concen: 0.686 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX046811.D
Acq: 23 Jun 2025 11:43

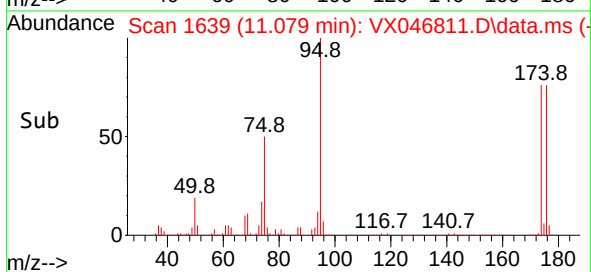
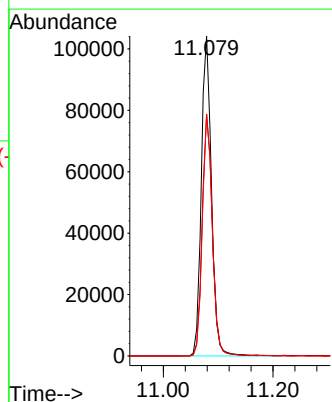
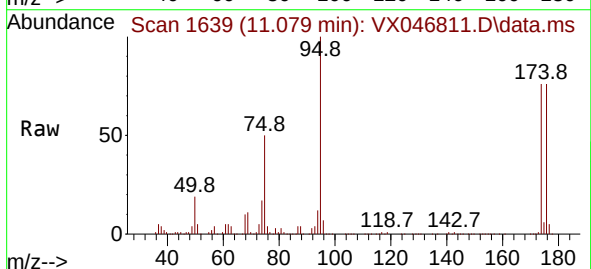
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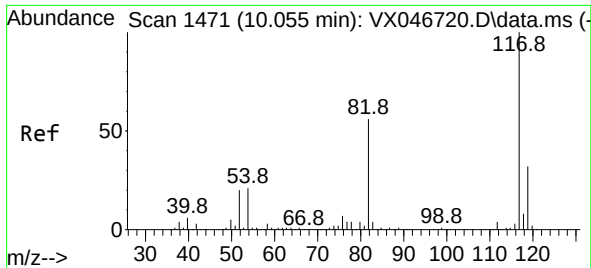
Tgt Ion: 43 Resp: 1680
Ion Ratio Lower Upper
43 100
58 176.1 30.8 46.2#



#62
4-Bromofluorobenzene
Concen: 50.908 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046811.D
Acq: 23 Jun 2025 11:43

Tgt Ion: 95 Resp: 134279
Ion Ratio Lower Upper
95 100
174 76.0 0.0 150.4
176 73.9 0.0 145.0

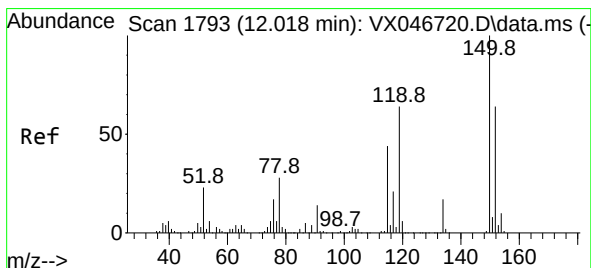
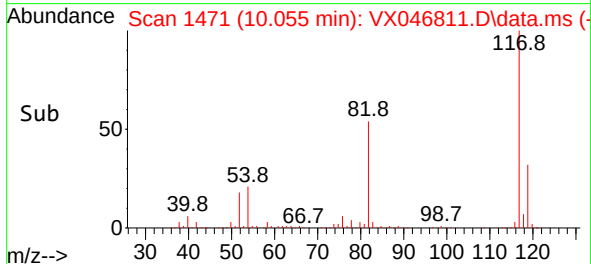
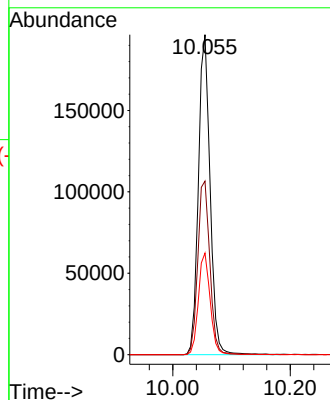
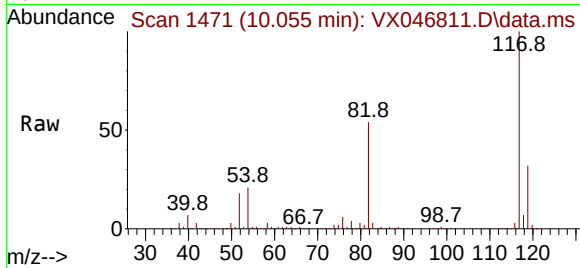




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046811.D
Acq: 23 Jun 2025 11:43

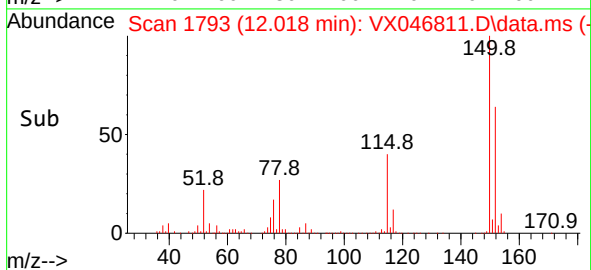
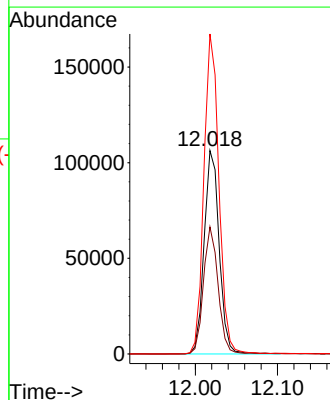
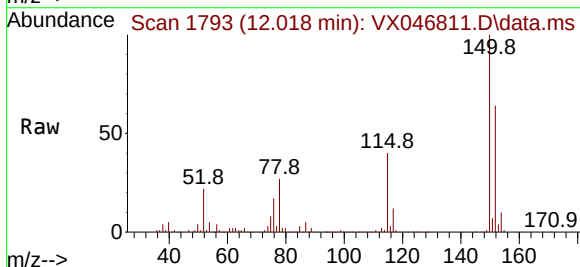
Instrument :
MSVOA_X
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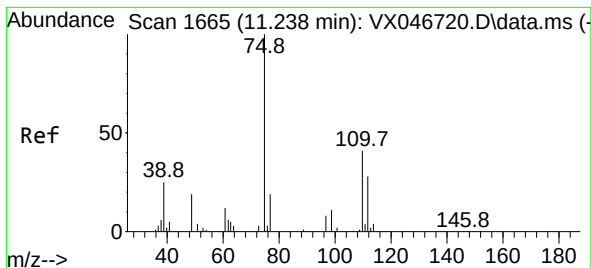
Tgt Ion:117 Resp: 270631
Ion Ratio Lower Upper
117 100
82 54.3 44.6 66.8
119 31.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046811.D
Acq: 23 Jun 2025 11:43

Tgt Ion:152 Resp: 135211
Ion Ratio Lower Upper
152 100
115 61.3 43.2 129.6
150 157.2 0.0 346.8





#76

1,2,3-Trichloropropane

Concen: 27.333 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046811.D

Acq: 23 Jun 2025 11:43

Instrument :

MSVOA_X

ClientSampleId :

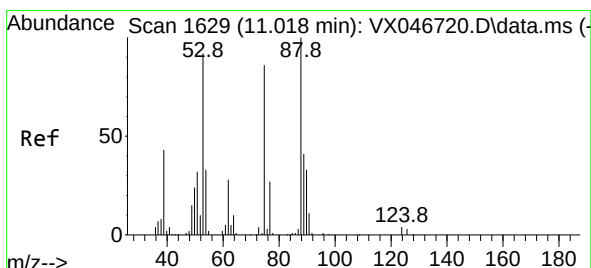
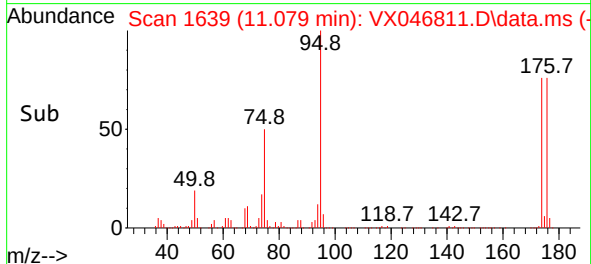
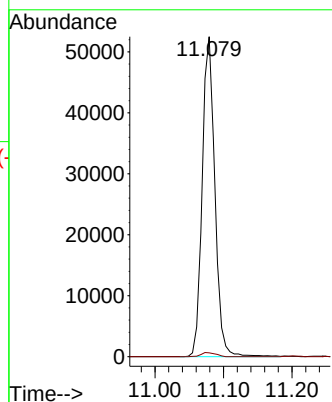
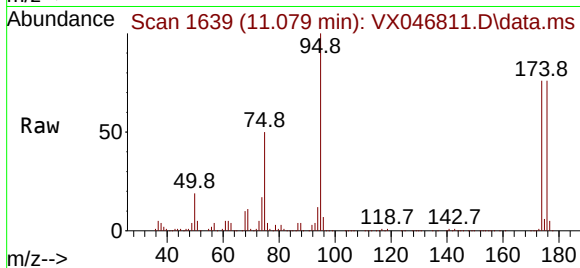
IBLK

Tgt Ion: 75 Resp: 67687

Ion Ratio Lower Upper

75 100

77 1.5 18.5 55.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.258 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX046811.D

Acq: 23 Jun 2025 11:43

Tgt Ion: 75 Resp: 67687

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

89 0.0 36.9 55.3#

