

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070125\
 Data File : VX046856.D
 Acq On : 01 Jul 2025 13:39
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 02 01:41:01 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)

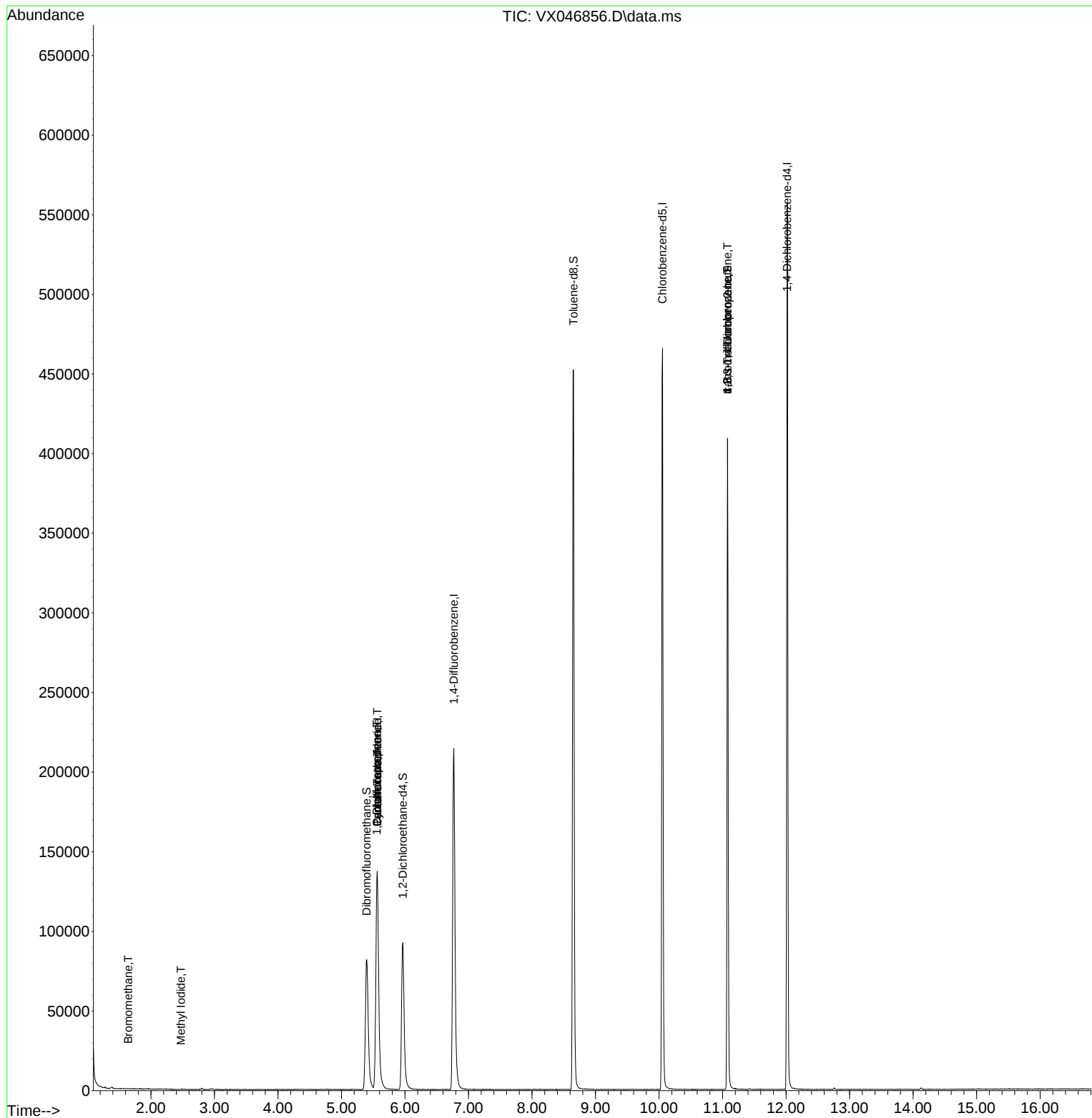
Internal Standards						
1) Pentafluorobenzene	5.562	168	143528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	238505	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	111484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96685	48.702	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.400%		
35) Dibromofluoromethane	5.397	113	79511	50.386	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.780%		
50) Toluene-d8	8.653	98	286461	50.527	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.060%		
62) 4-Bromofluorobenzene	11.079	95	110112	52.102	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.200%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	263	0.265	ug/l	99
10) Methyl Iodide	2.471	142	185	4.416	ug/l #	38
31) Cyclohexane	5.562	56	2966	0.998	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11348	4.982	ug/l #	51
38) Carbon Tetrachloride	5.562	117	14484	5.859	ug/l #	18
76) 1,2,3-Trichloropropane	11.079	75	55075	26.973	ug/l #	41
81) trans-1,4-Dichloro-2-b...	11.079	75	55075	76.241	ug/l #	7

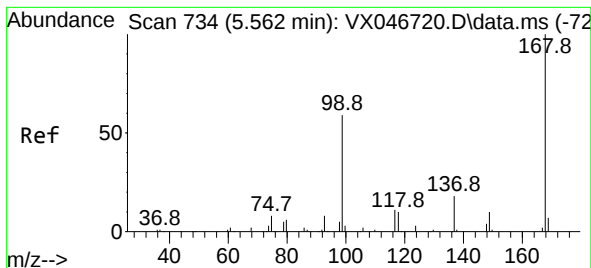
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070125\
Data File : VX046856.D
Acq On : 01 Jul 2025 13:39
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 02 01:41:01 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

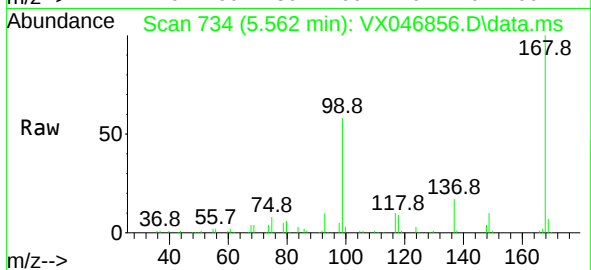
Lab File: VX046856.D

Acq: 01 Jul 2025 13:39

Instrument :

MSVOA_X

ClientSampleId :

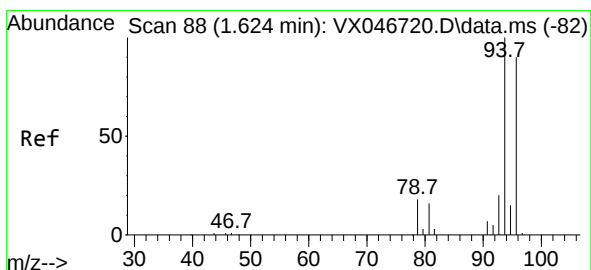
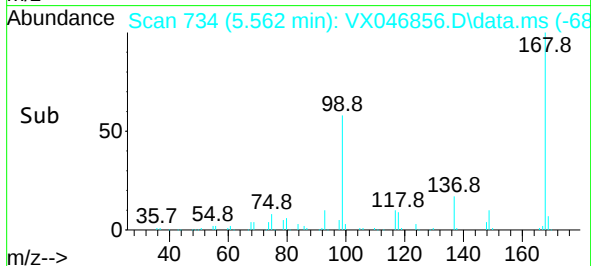
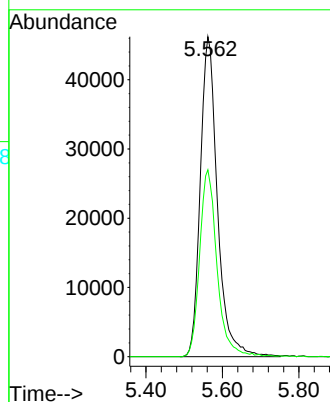


Tgt Ion:168 Resp: 143528

Ion Ratio Lower Upper

168 100

99 58.4 48.5 72.7



#5

Bromomethane

Concen: 0.265 ug/l

RT: 1.642 min Scan# 91

Delta R.T. 0.018 min

Lab File: VX046856.D

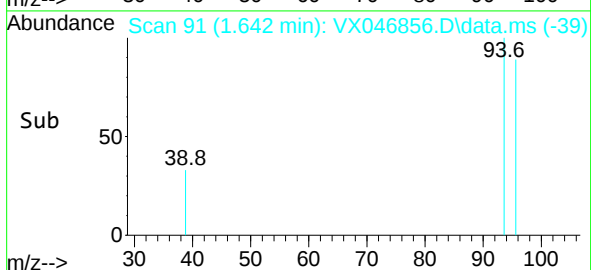
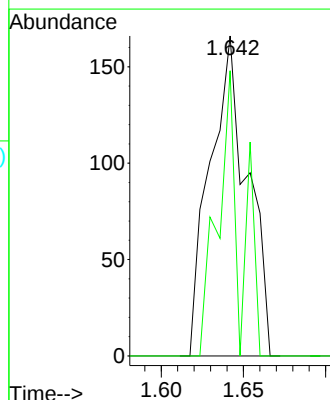
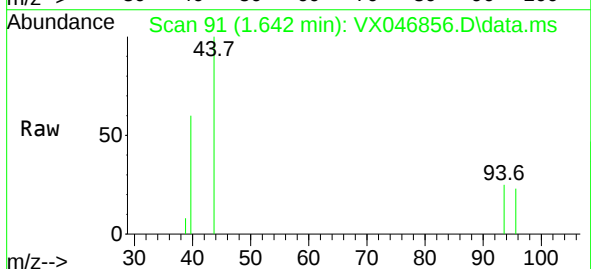
Acq: 01 Jul 2025 13:39

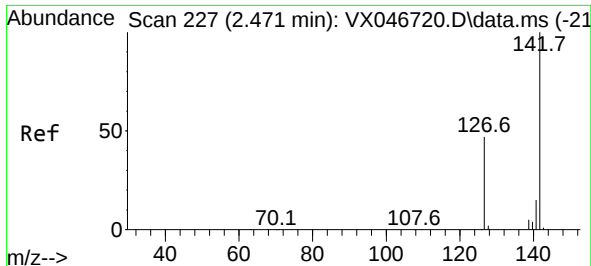
Tgt Ion: 94 Resp: 263

Ion Ratio Lower Upper

94 100

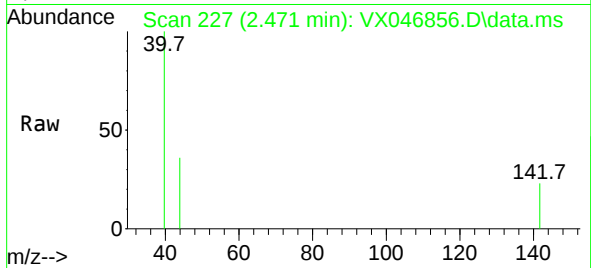
96 89.2 72.3 108.5



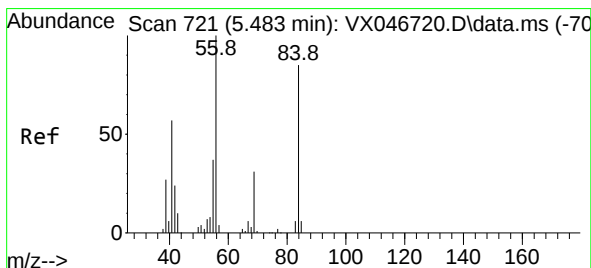
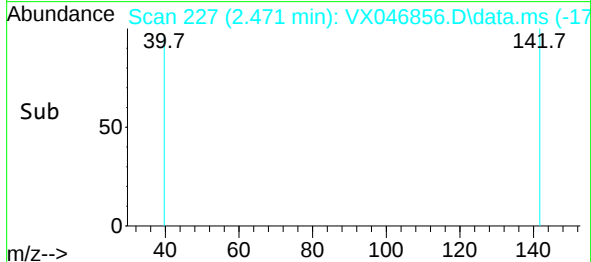
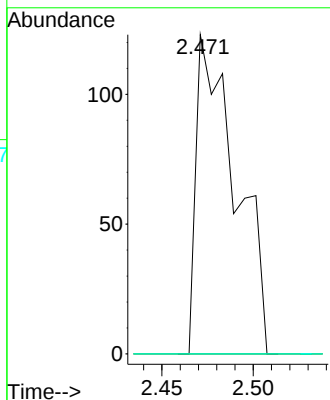


#10
Methyl Iodide
Concen: 4.416 ug/l
RT: 2.471 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046856.D
Acq: 01 Jul 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :

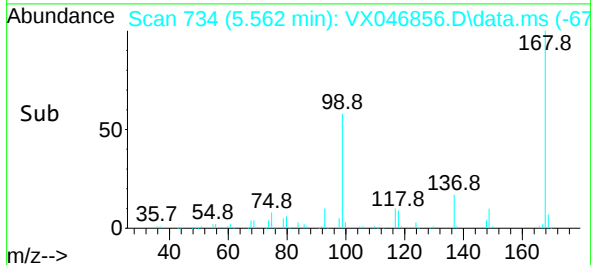
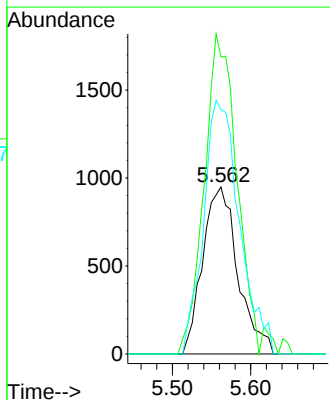
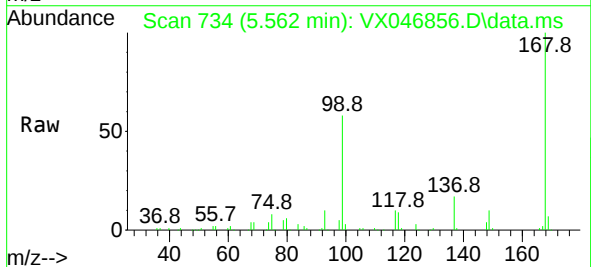


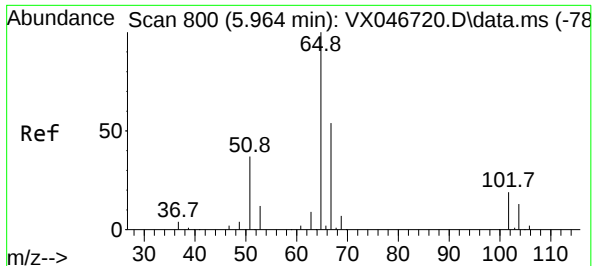
Tgt Ion:142 Resp: 185
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.6#
141 0.0 11.5 17.3#



#31
Cyclohexane
Concen: 0.998 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX046856.D
Acq: 01 Jul 2025 13:39

Tgt Ion: 56 Resp: 2966
Ion Ratio Lower Upper
56 100
69 177.9 24.8 37.2#
84 146.4 68.2 102.2#





#33

1,2-Dichloroethane-d4

Concen: 48.702 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX046856.D

Acq: 01 Jul 2025 13:39

Instrument :

MSVOA_X

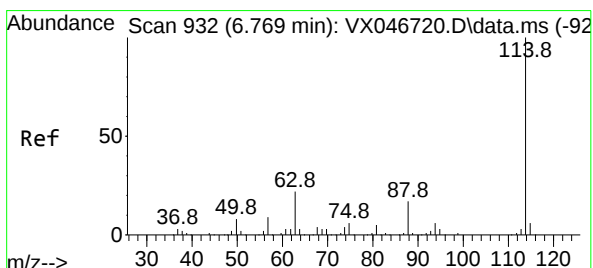
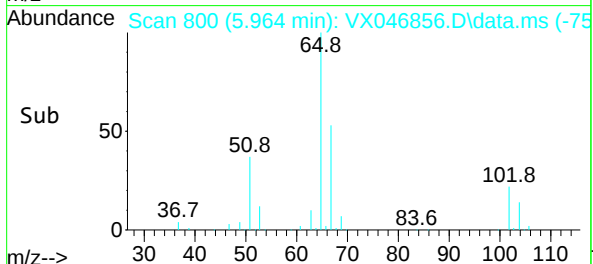
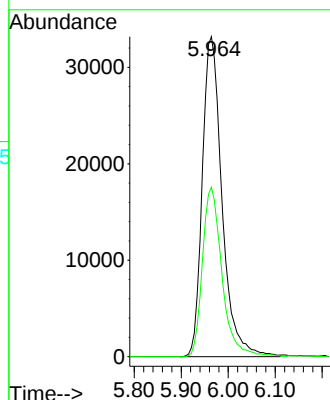
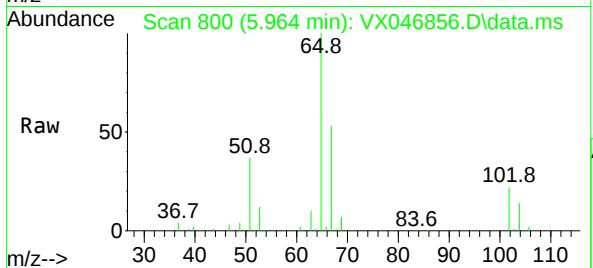
ClientSampleId :

Tgt Ion: 65 Resp: 96685

Ion Ratio Lower Upper

65 100

67 52.4 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: VX046856.D

Acq: 01 Jul 2025 13:39

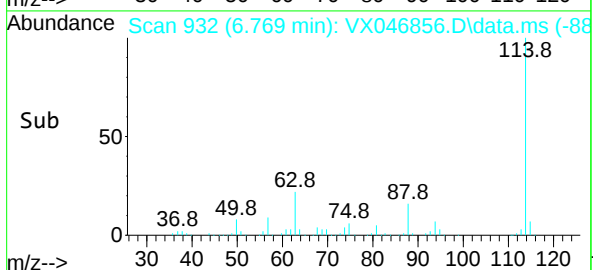
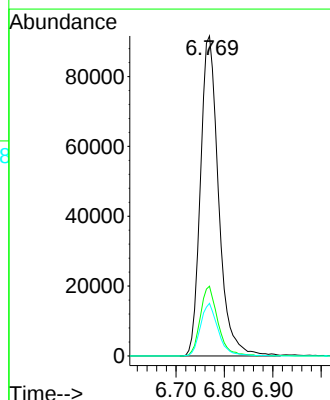
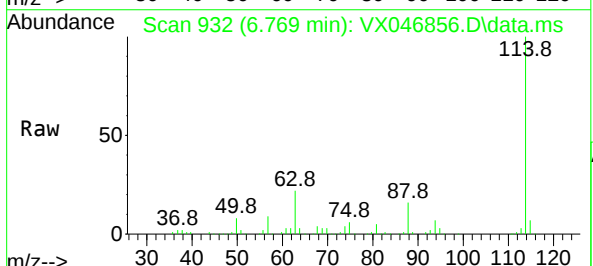
Tgt Ion: 114 Resp: 238505

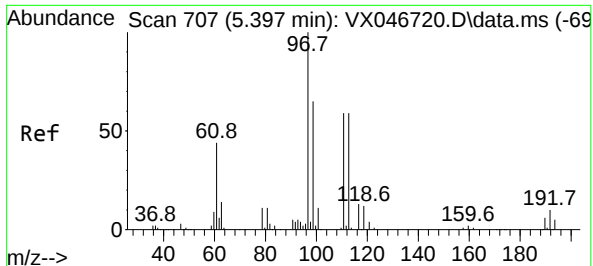
Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.2

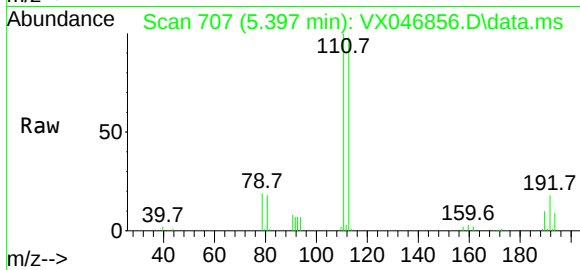
88 16.4 0.0 33.2



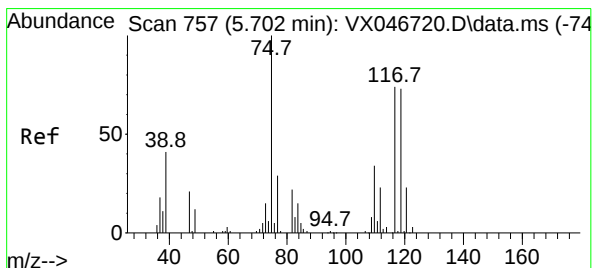
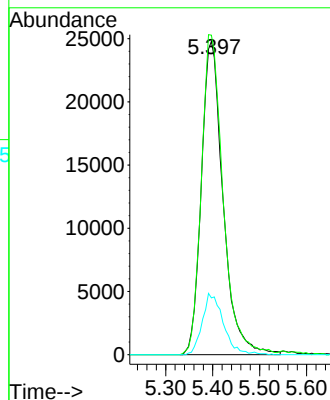
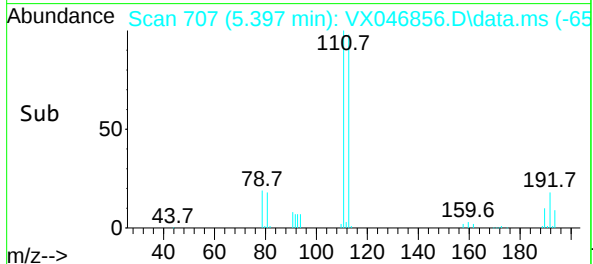


#35
Dibromofluoromethane
Concen: 50.386 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046856.D
Acq: 01 Jul 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :

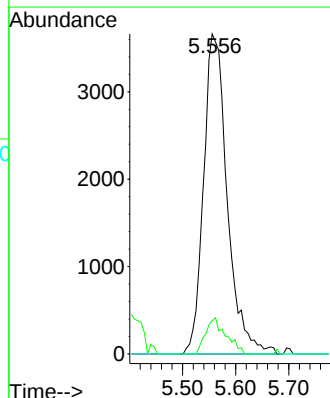
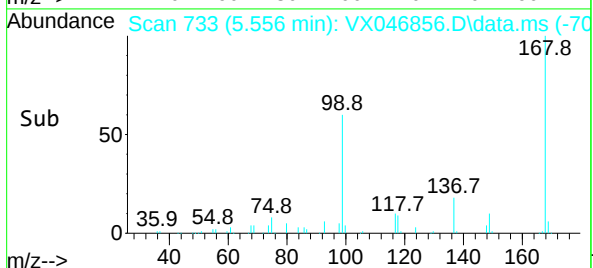
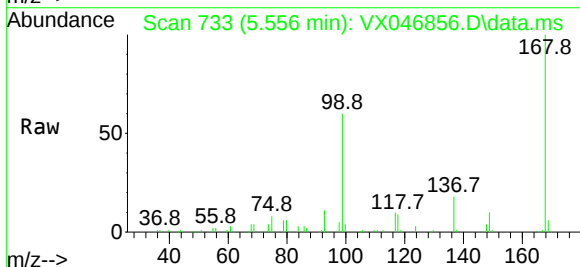


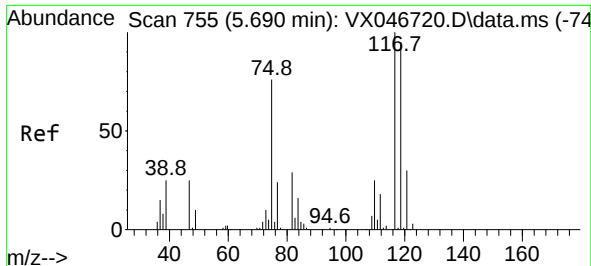
Tgt Ion:113 Resp: 79511
Ion Ratio Lower Upper
113 100
111 102.2 82.0 123.0
192 19.0 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.982 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.147 min
Lab File: VX046856.D
Acq: 01 Jul 2025 13:39

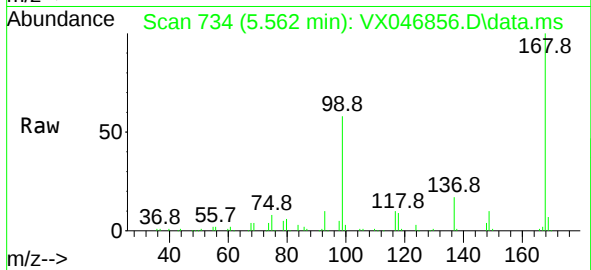
Tgt Ion: 75 Resp: 11348
Ion Ratio Lower Upper
75 100
110 9.6 17.2 51.5#
77 0.0 24.2 36.4#



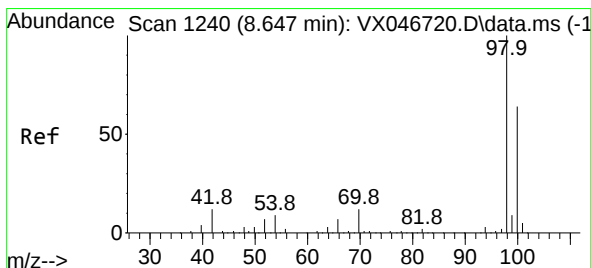
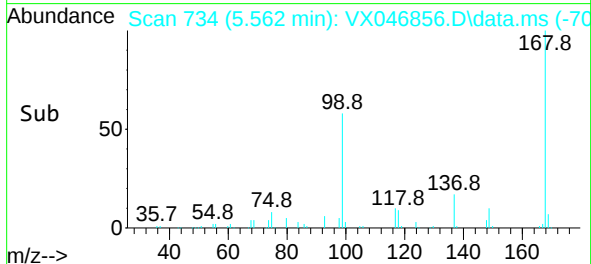
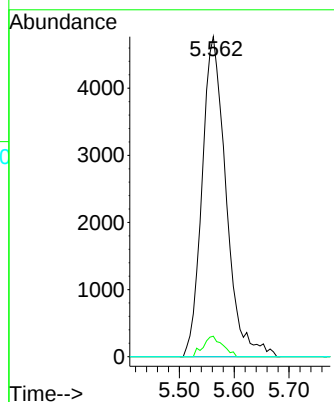


#38
Carbon Tetrachloride
Concen: 5.859 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046856.D
Acq: 01 Jul 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :

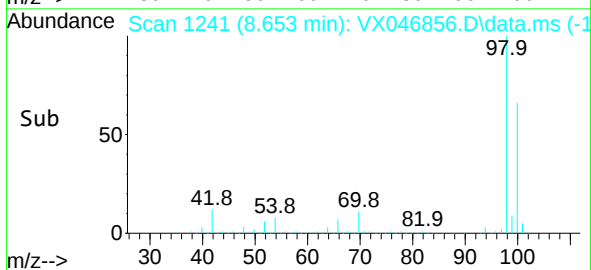
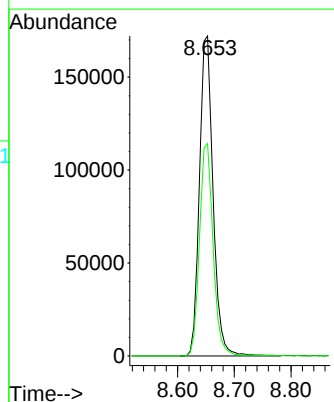
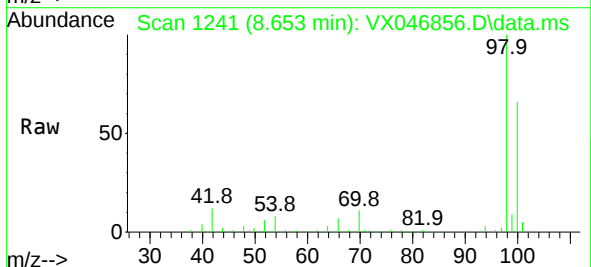


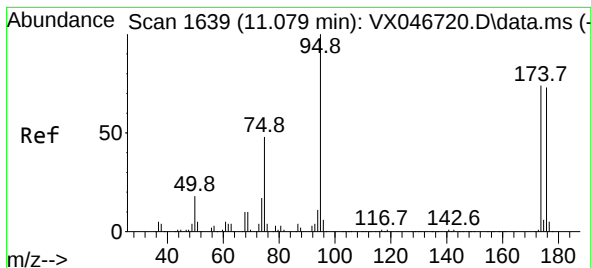
Tgt Ion:117 Resp: 14484
Ion Ratio Lower Upper
117 100
119 6.4 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 50.527 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046856.D
Acq: 01 Jul 2025 13:39

Tgt Ion: 98 Resp: 286461
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4

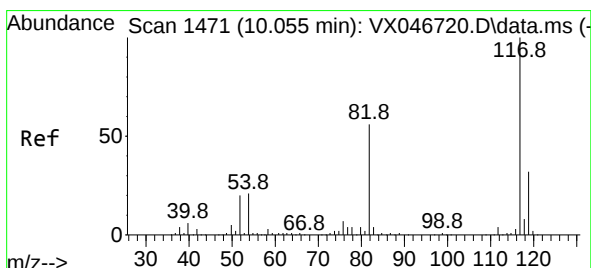
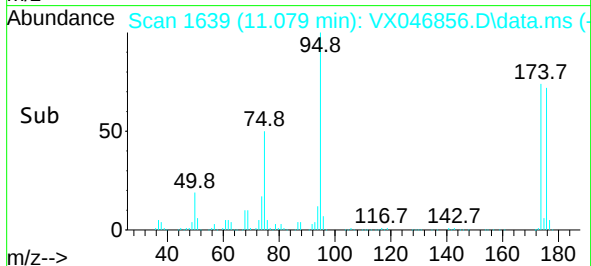
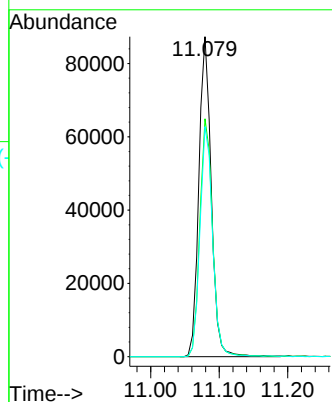
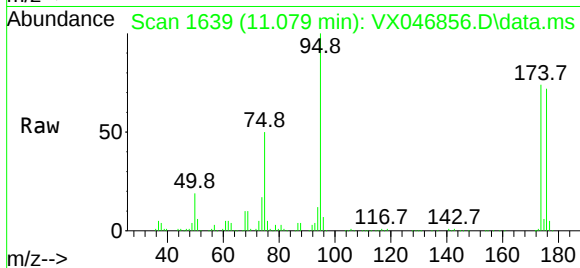




#62
4-Bromofluorobenzene
Concen: 52.102 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046856.D
Acq: 01 Jul 2025 13:39

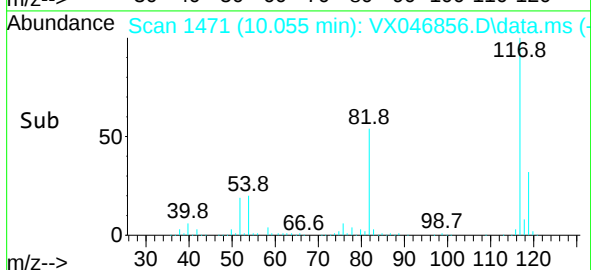
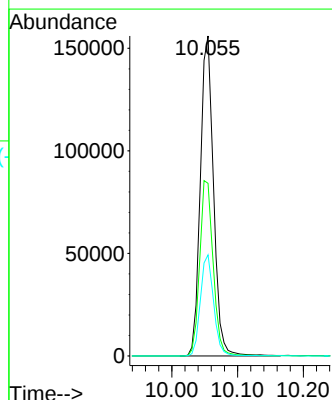
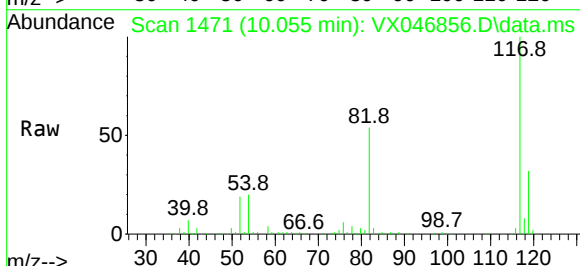
Instrument :
MSVOA_X
ClientSampleId :

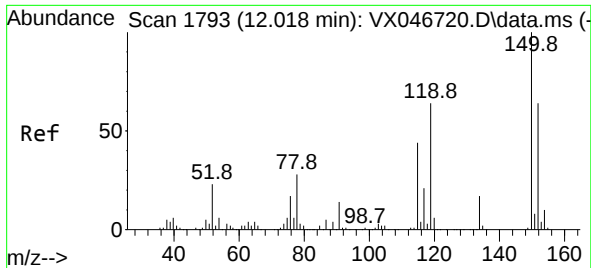
Tgt Ion: 95 Resp: 110112
Ion Ratio Lower Upper
95 100
174 76.6 0.0 150.4
176 73.4 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046856.D
Acq: 01 Jul 2025 13:39

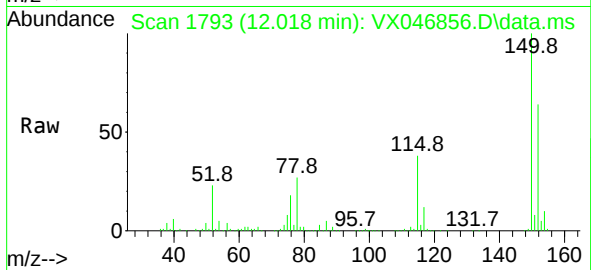
Tgt Ion: 117 Resp: 218139
Ion Ratio Lower Upper
117 100
82 53.9 44.6 66.8
119 31.6 25.8 38.8



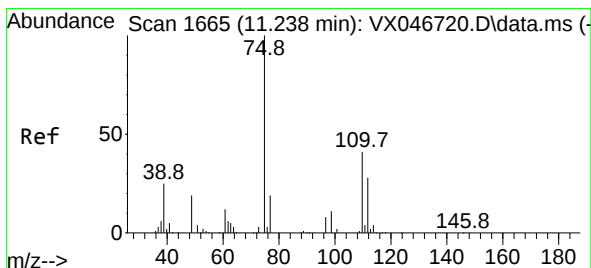
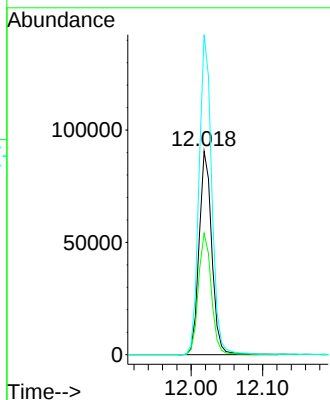
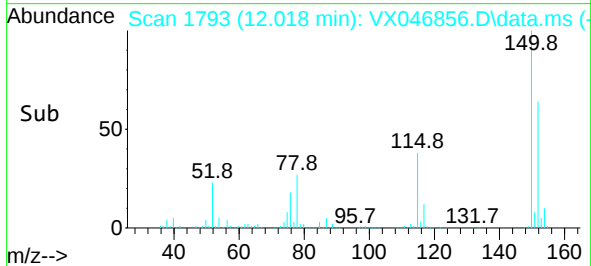


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046856.D
 Acq: 01 Jul 2025 13:39

Instrument :
 MSVOA_X
 ClientSampleId :

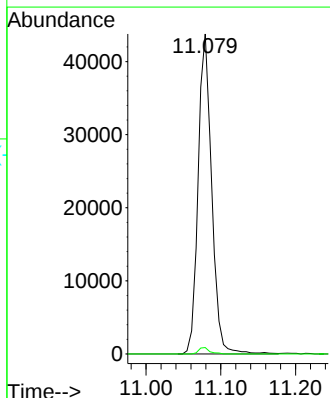
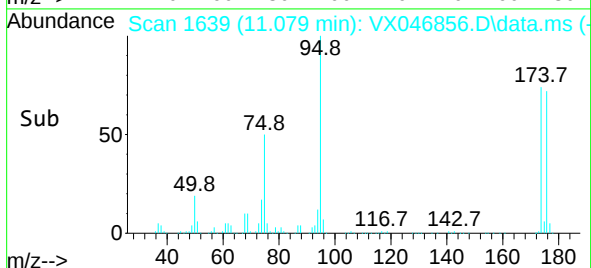
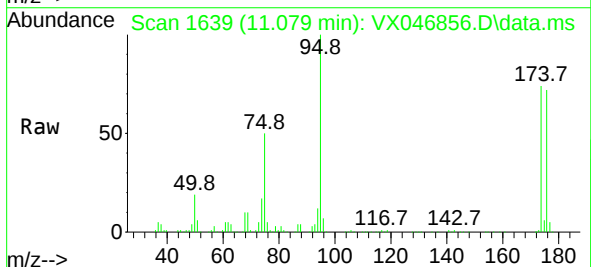


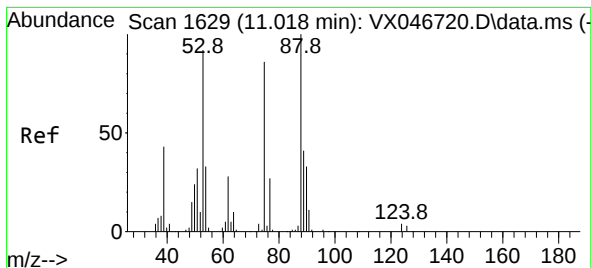
Tgt Ion:152 Resp: 111484
 Ion Ratio Lower Upper
 152 100
 115 60.9 43.2 129.6
 150 157.4 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 26.973 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046856.D
 Acq: 01 Jul 2025 13:39

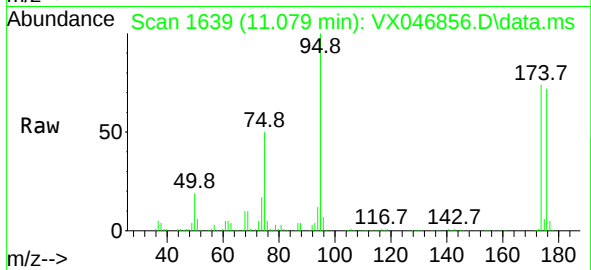
Tgt Ion: 75 Resp: 55075
 Ion Ratio Lower Upper
 75 100
 77 1.6 18.5 55.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.241 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046856.D
 Acq: 01 Jul 2025 13:39

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 55075
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.8 130.2#
 89 0.0 36.9 55.3#

