

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
 Data File : VX048465.D
 Acq On : 03 Nov 2025 18:05
 Operator : JC/MD
 Sample : Q3505-04 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 10-10-25-WATER

Quant Time: Nov 04 00:18:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

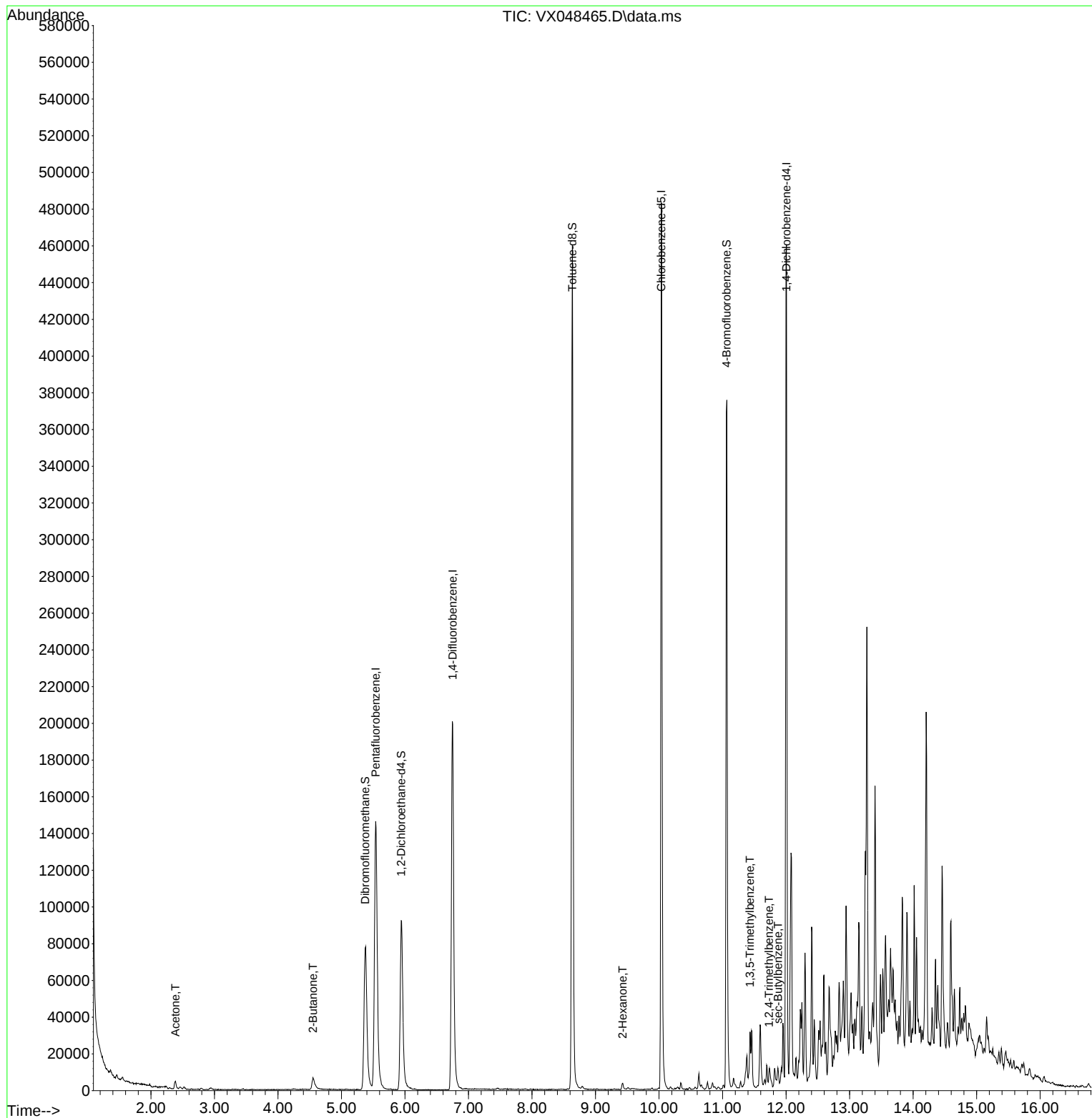
Internal Standards						
1) Pentafluorobenzene	5.537	168	147319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	235200	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	216226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	97499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	100788	47.571	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.140%
35) Dibromofluoromethane	5.373	113	77178	57.554	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	115.100%
50) Toluene-d8	8.634	98	278995	47.133	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.260%
62) 4-Bromofluorobenzene	11.061	95	106149	47.938	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.880%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	5948	12.387	ug/l	100
25) 2-Butanone	4.550	43	12405	16.171	ug/l	91
59) 2-Hexanone	9.427	43	3122	2.722	ug/l	87
80) 1,3,5-Trimethylbenzene	11.433	105	12773	2.161	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	2474	0.423	ug/l	97
85) sec-Butylbenzene	11.872	105	1642	0.219	ug/l	96

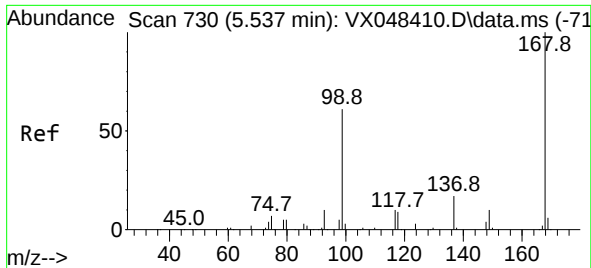
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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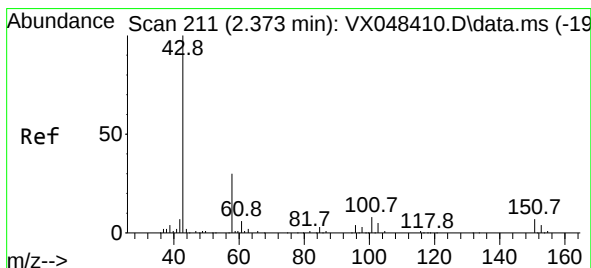
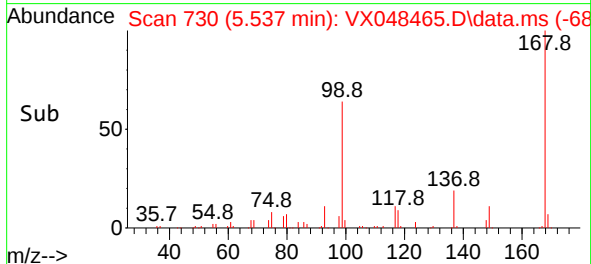
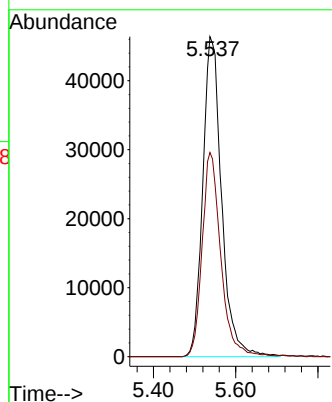
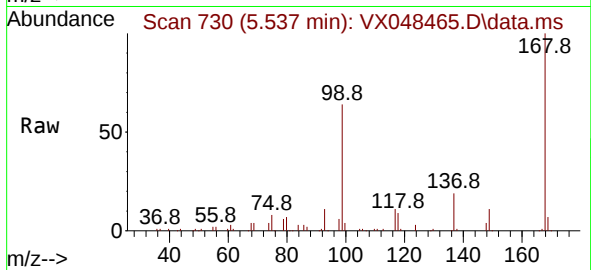




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX048465.D
Acq: 03 Nov 2025 18:05

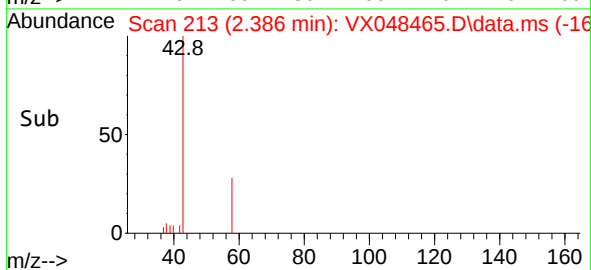
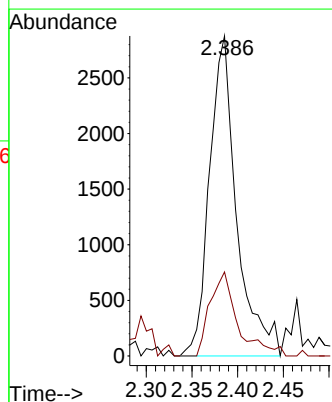
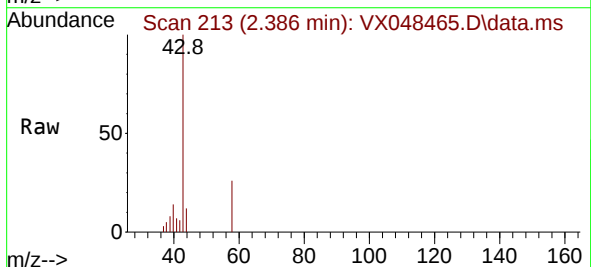
Instrument :
MSVOA_X
ClientSampleId :
10-10-25-WATER

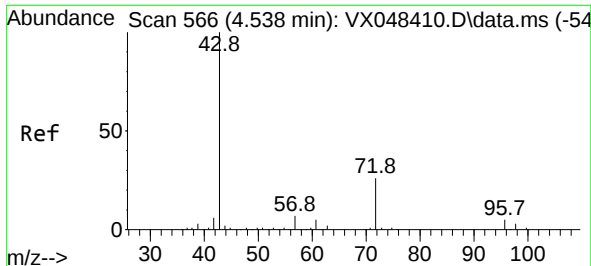
Tgt Ion:168 Resp: 147319
Ion Ratio Lower Upper
168 100
99 63.8 46.4 69.6



#16
Acetone
Concen: 12.387 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX048465.D
Acq: 03 Nov 2025 18:05

Tgt Ion: 43 Resp: 5948
Ion Ratio Lower Upper
43 100
58 29.1 23.4 35.2





#25

2-Butanone

Concen: 16.171 ug/l

RT: 4.550 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX048465.D

Acq: 03 Nov 2025 18:05

Instrument :

MSVOA_X

ClientSampleId :

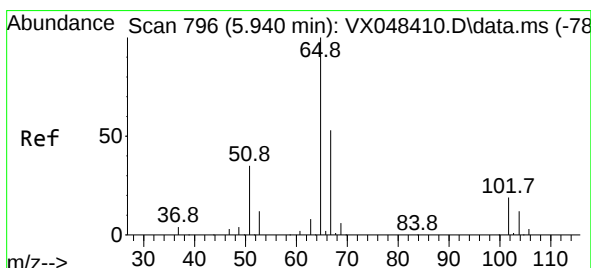
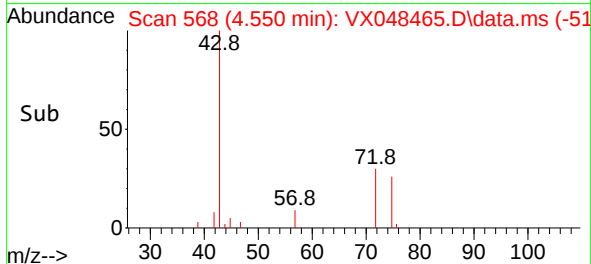
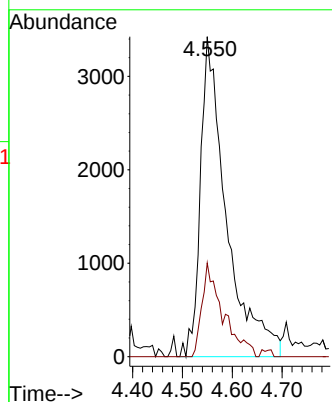
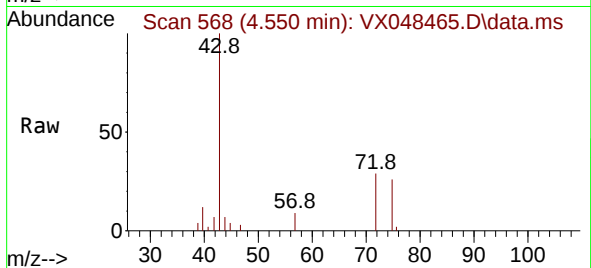
10-10-25-WATER

Tgt Ion: 43 Resp: 12405

Ion Ratio Lower Upper

43 100

72 29.3 19.9 29.9



#33

1,2-Dichloroethane-d4

Concen: 47.571 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048465.D

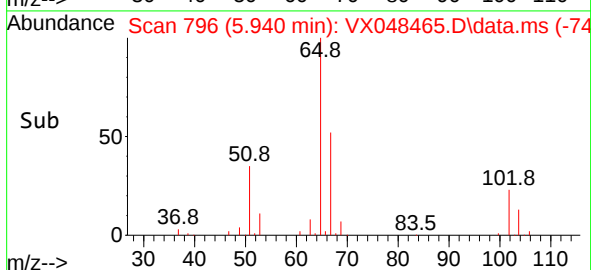
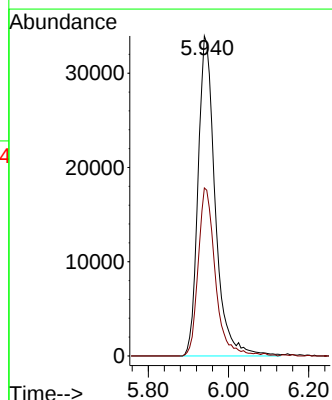
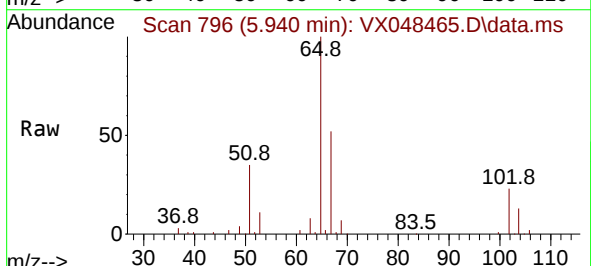
Acq: 03 Nov 2025 18:05

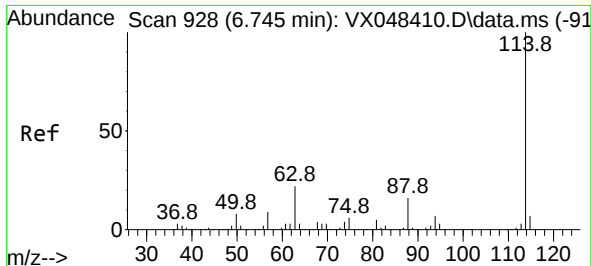
Tgt Ion: 65 Resp: 100788

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.0

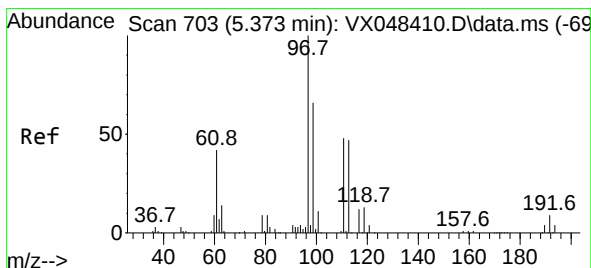
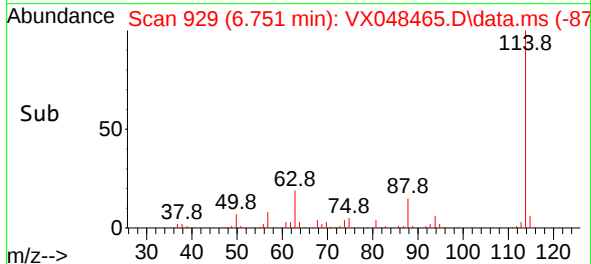
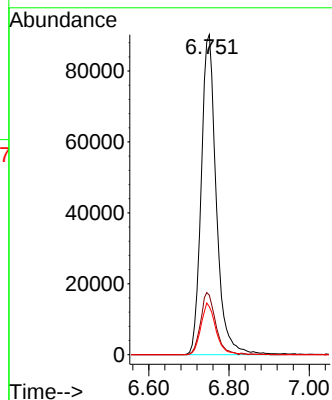
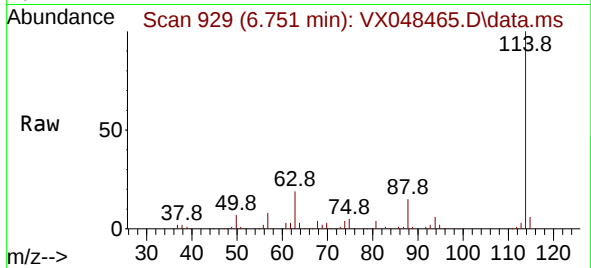




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048465.D
Acq: 03 Nov 2025 18:05

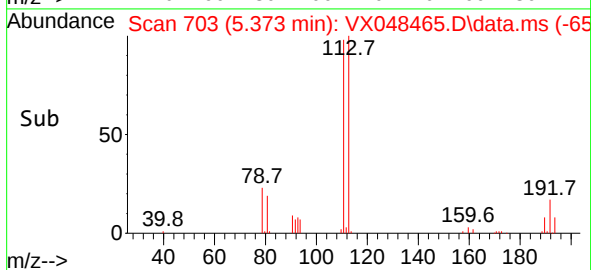
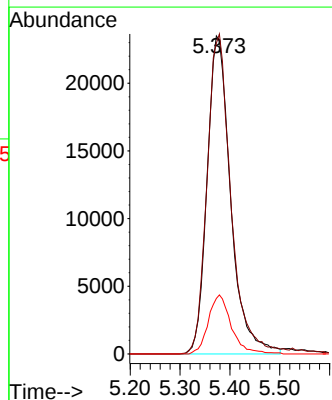
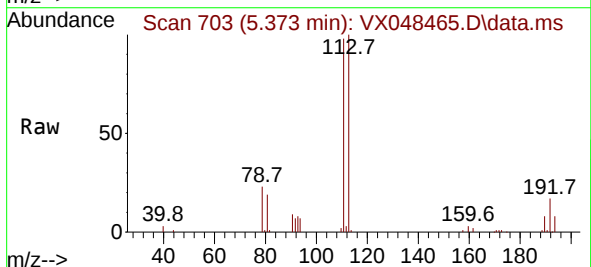
Instrument :
MSVOA_X
ClientSampleId :
10-10-25-WATER

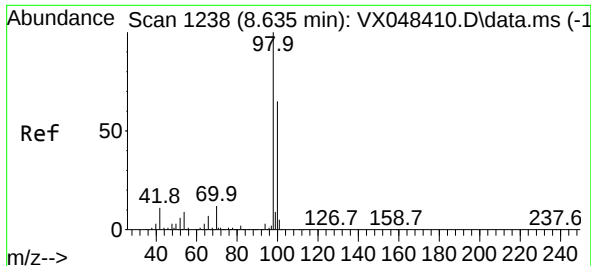
Tgt Ion:114 Resp: 235200
Ion Ratio Lower Upper
114 100
63 18.6 0.0 43.2
88 15.0 0.0 33.6



#35
Dibromofluoromethane
Concen: 57.554 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048465.D
Acq: 03 Nov 2025 18:05

Tgt Ion:113 Resp: 77178
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 18.2 15.1 22.7

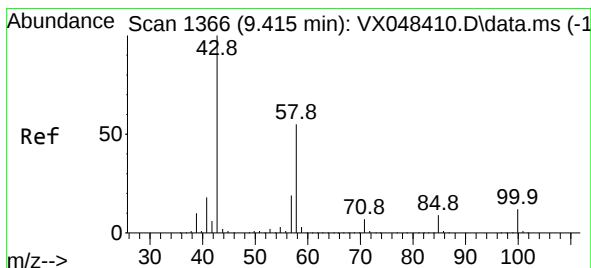
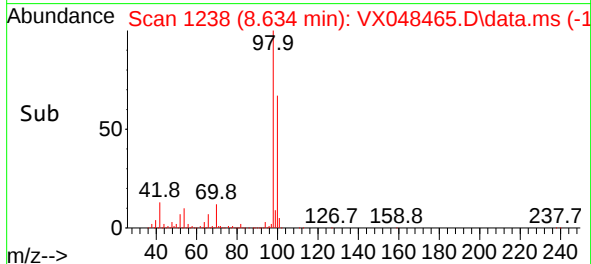
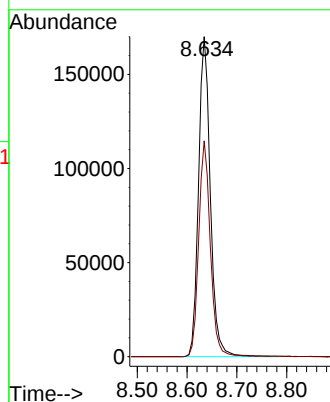
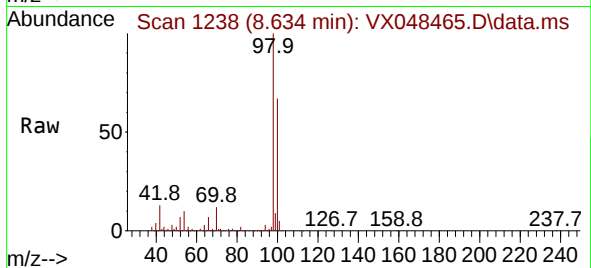




#50
Toluene-d8
Concen: 47.133 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048465.D
Acq: 03 Nov 2025 18:05

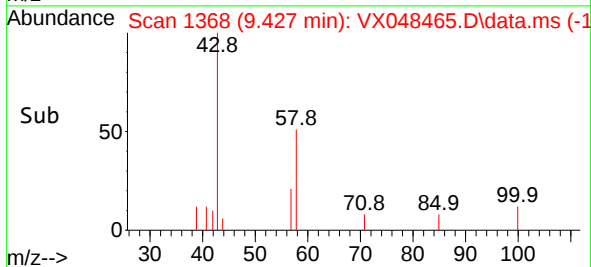
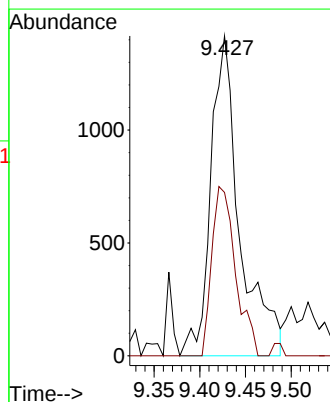
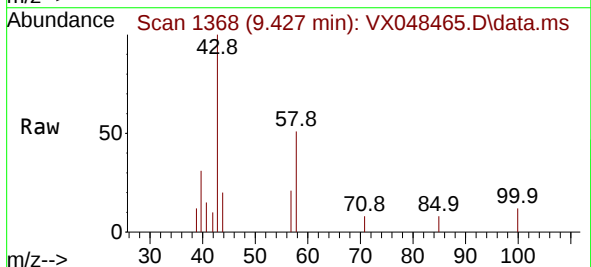
Instrument :
MSVOA_X
ClientSampleId :
10-10-25-WATER

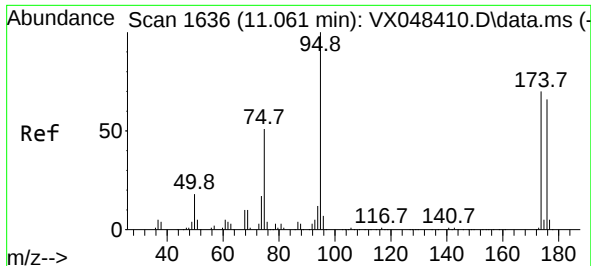
Tgt Ion: 98 Resp: 278995
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4



#59
2-Hexanone
Concen: 2.722 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.012 min
Lab File: VX048465.D
Acq: 03 Nov 2025 18:05

Tgt Ion: 43 Resp: 3122
Ion Ratio Lower Upper
43 100
58 43.3 26.3 78.8

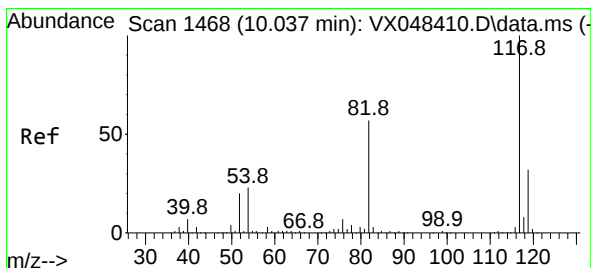
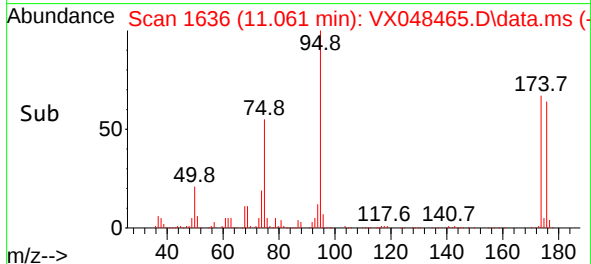
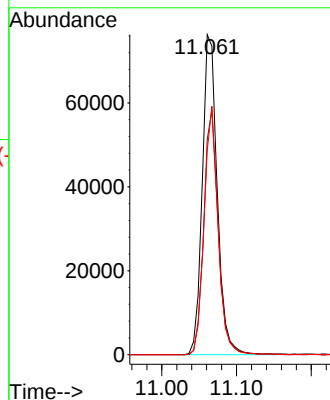
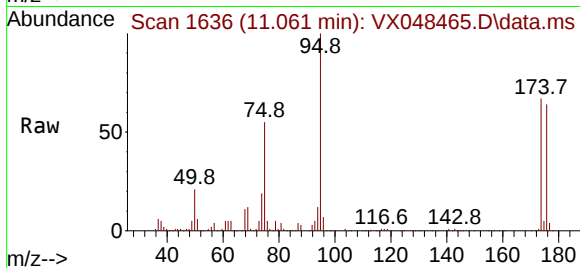




#62
4-Bromofluorobenzene
Concen: 47.938 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048465.D
Acq: 03 Nov 2025 18:05

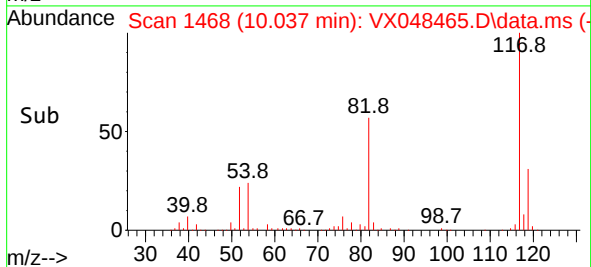
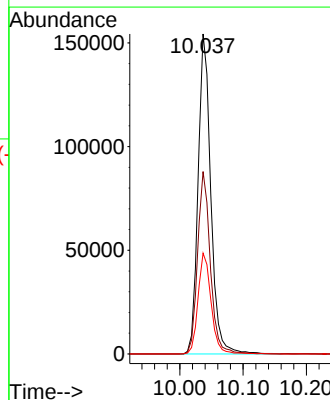
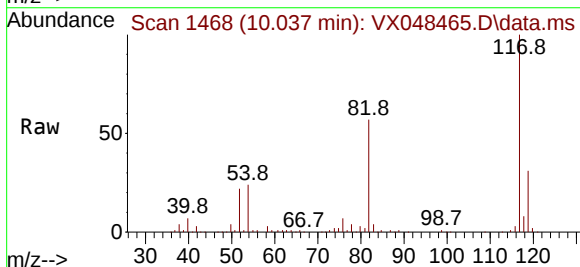
Instrument :
MSVOA_X
ClientSampleId :
10-10-25-WATER

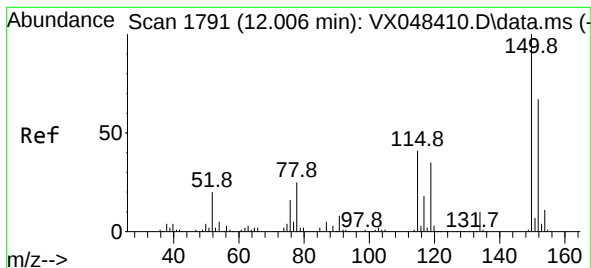
Tgt Ion: 95 Resp: 106149
Ion Ratio Lower Upper
95 100
174 73.6 0.0 147.8
176 72.3 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048465.D
Acq: 03 Nov 2025 18:05

Tgt Ion: 117 Resp: 216226
Ion Ratio Lower Upper
117 100
82 57.0 46.5 69.7
119 31.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048465.D

Acq: 03 Nov 2025 18:05

Instrument :

MSVOA_X

ClientSampleId :

10-10-25-WATER

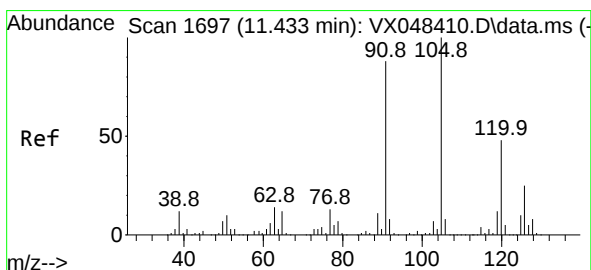
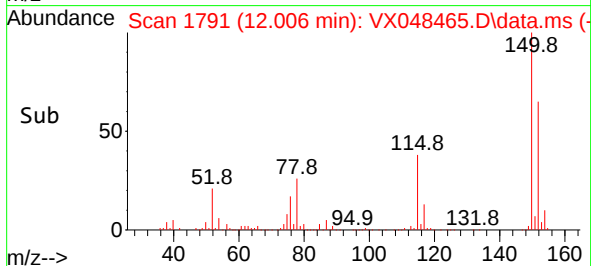
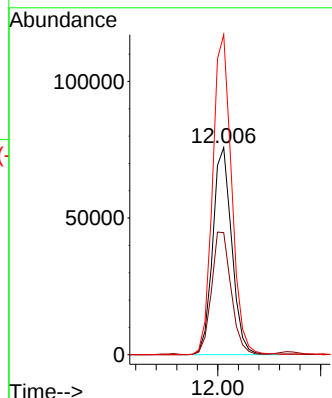
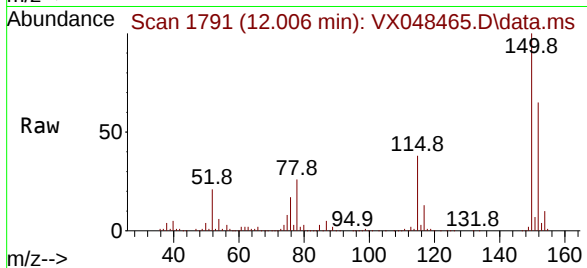
Tgt Ion:152 Resp: 97499

Ion Ratio Lower Upper

152 100

115 60.9 43.1 129.4

150 154.2 0.0 353.0



#80

1,3,5-Trimethylbenzene

Concen: 2.161 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX048465.D

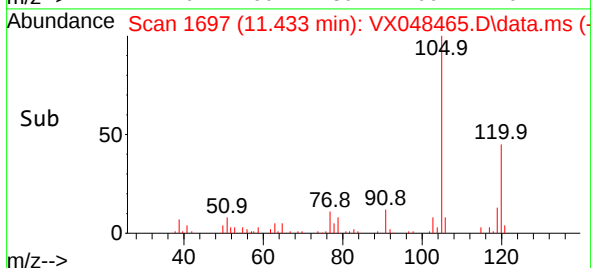
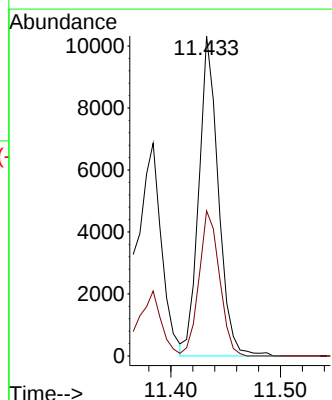
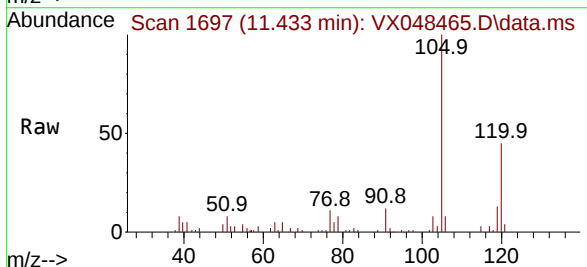
Acq: 03 Nov 2025 18:05

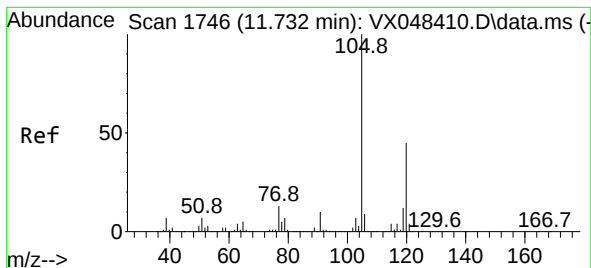
Tgt Ion:105 Resp: 12773

Ion Ratio Lower Upper

105 100

120 47.5 24.0 72.0





#84

1,2,4-Trimethylbenzene

Concen: 0.423 ug/l

RT: 11.731 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048465.D

Acq: 03 Nov 2025 18:05

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MSVOA_X

ClientSampleId :

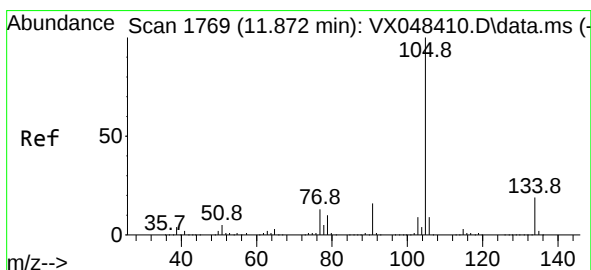
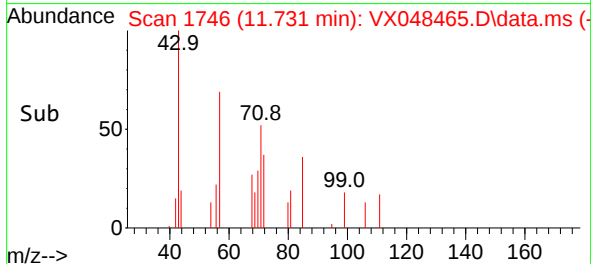
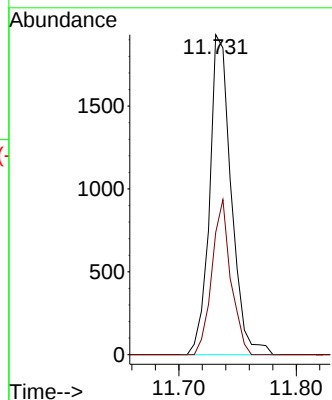
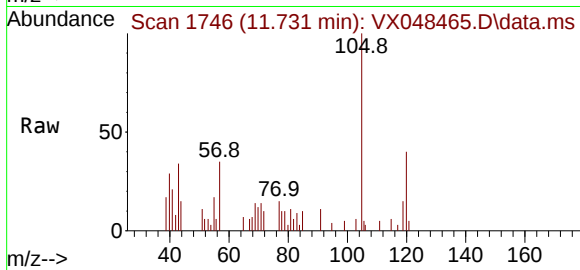
10-10-25-WATER

Tgt Ion:105 Resp: 2474

Ion Ratio Lower Upper

105 100

120 42.2 22.1 66.5



#85

sec-Butylbenzene

Concen: 0.219 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VX048465.D

Acq: 03 Nov 2025 18:05

Tgt Ion:105 Resp: 1642

Ion Ratio Lower Upper

105 100

134 18.1 10.1 30.1

