

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048352.D
 Acq On : 24 Oct 2025 15:28
 Operator : JC/MD
 Sample : Q3464-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW3

Quant Time: Oct 24 23:05:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

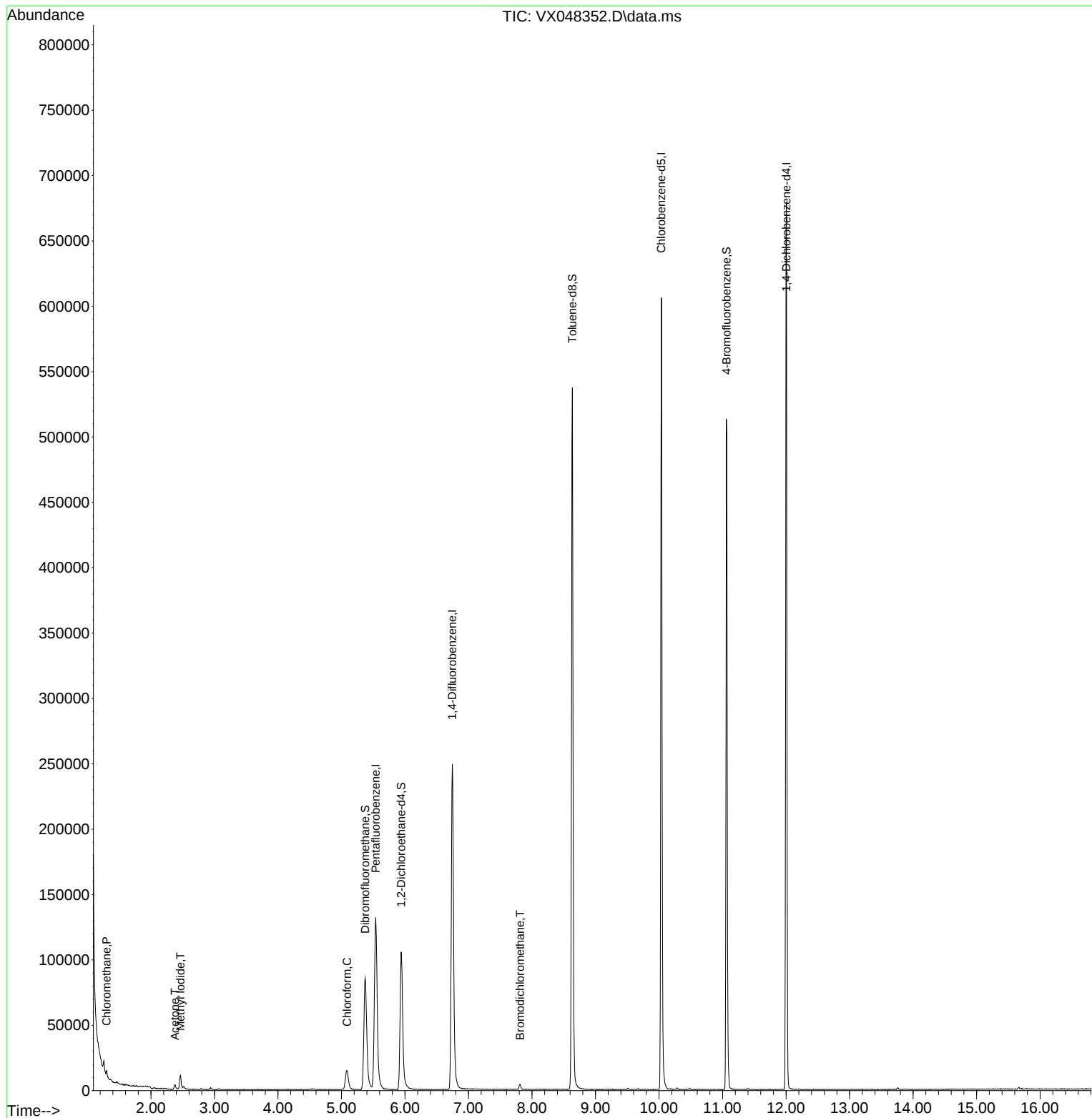
Internal Standards						
1) Pentafluorobenzene	5.538	168	129906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	264454	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	271415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	138260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	116702	64.074	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	128.140%#
35) Dibromofluoromethane	5.373	113	84364	46.728	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.460%
50) Toluene-d8	8.635	98	332386	52.525	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.040%
62) 4-Bromofluorobenzene	11.061	95	141517	58.784	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.560%
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	2718	2.180	ug/l	98
10) Methyl Iodide	2.465	142	12701	7.207	ug/l	99
16) Acetone	2.380	43	5340	8.546	ug/l #	84
30) Chloroform	5.087	83	20100	6.889	ug/l	95
47) Bromodichloromethane	7.812	83	2970	0.997	ug/l	87

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

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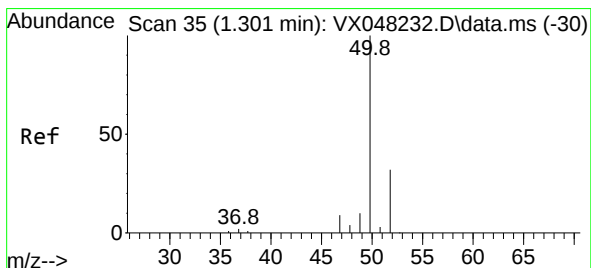
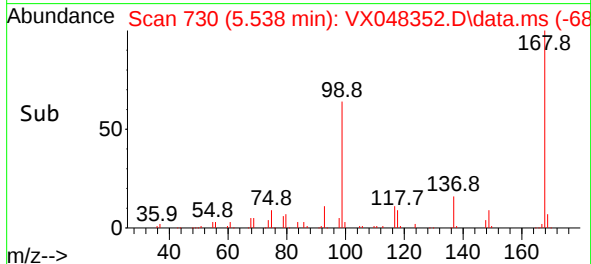
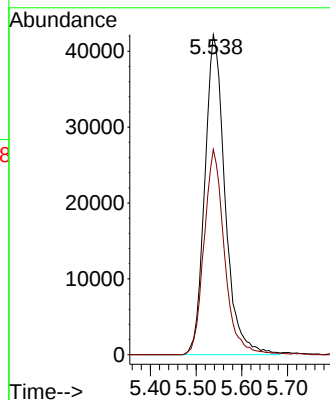
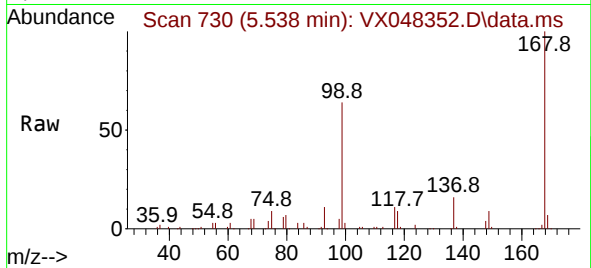




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.006 min
Lab File: VX048352.D
Acq: 24 Oct 2025 15:28

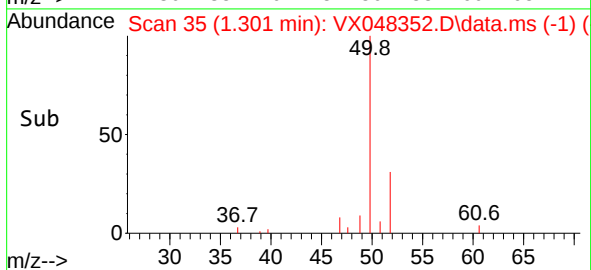
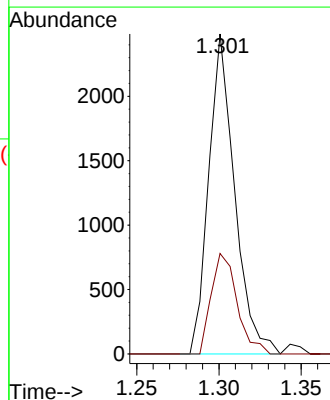
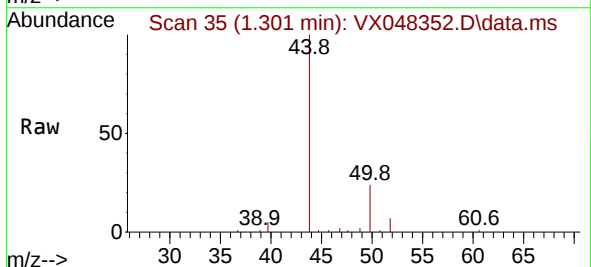
Instrument :
MSVOA_X
ClientSampleId :
MW3

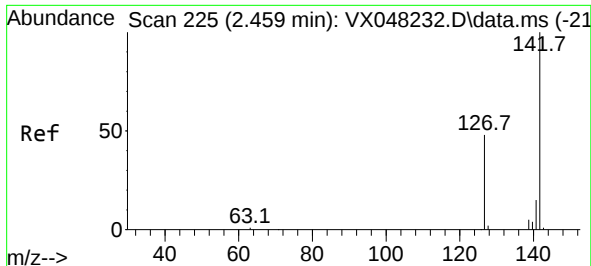
Tgt Ion:168 Resp: 129906
Ion Ratio Lower Upper
168 100
99 64.1 46.4 69.6



#3
Chloromethane
Concen: 2.180 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048352.D
Acq: 24 Oct 2025 15:28

Tgt Ion: 50 Resp: 2718
Ion Ratio Lower Upper
50 100
52 31.4 25.9 38.9

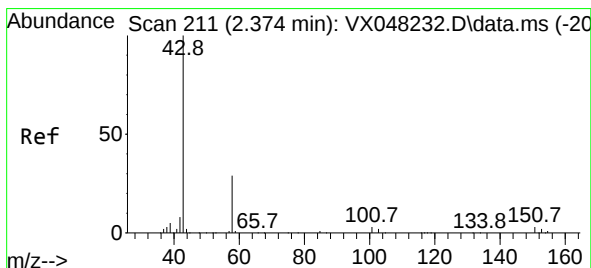
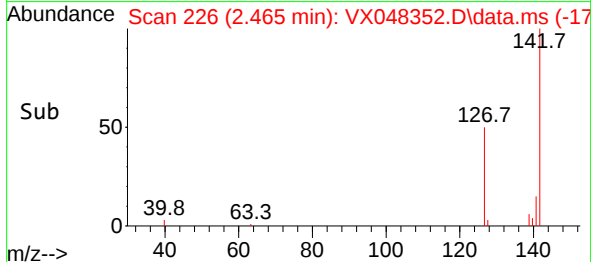
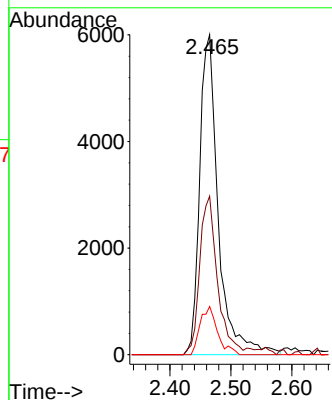
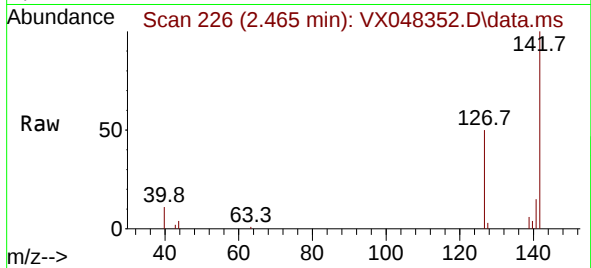




#10
Methyl Iodide
Concen: 7.207 ug/l
RT: 2.465 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048352.D
Acq: 24 Oct 2025 15:28

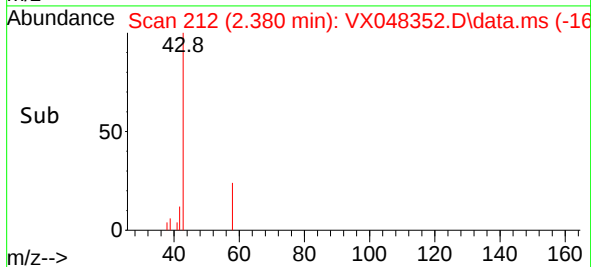
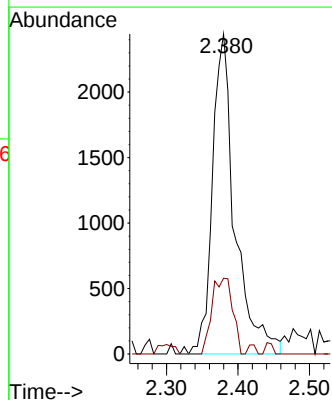
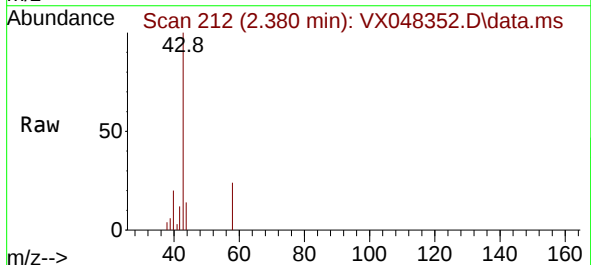
Instrument :
MSVOA_X
ClientSampleId :
MW3

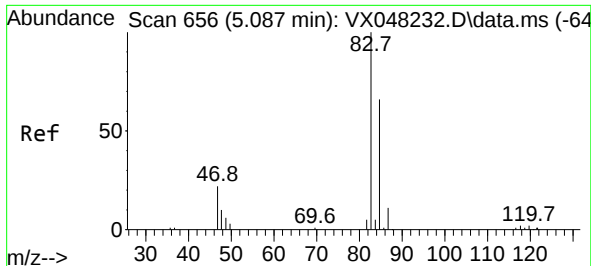
Tgt Ion:142 Resp: 12701
Ion Ratio Lower Upper
142 100
127 48.4 38.5 57.7
141 14.1 11.6 17.4



#16
Acetone
Concen: 8.546 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048352.D
Acq: 24 Oct 2025 15:28

Tgt Ion: 43 Resp: 5340
Ion Ratio Lower Upper
43 100
58 20.8 23.4 35.2#





#30

Chloroform

Concen: 6.889 ug/l

RT: 5.087 min Scan# 6

Delta R.T. 0.006 min

Lab File: VX048352.D

Acq: 24 Oct 2025 15:28

Instrument :

MSVOA_X

ClientSampleId :

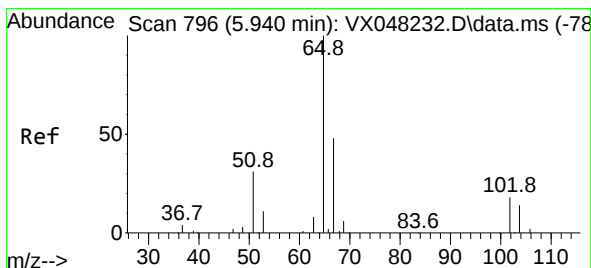
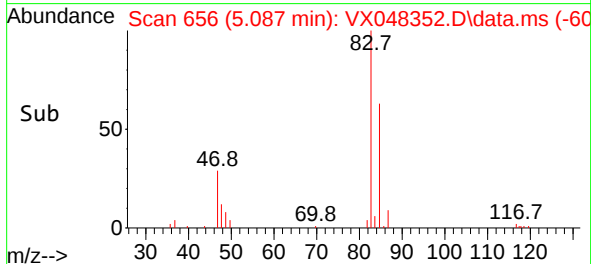
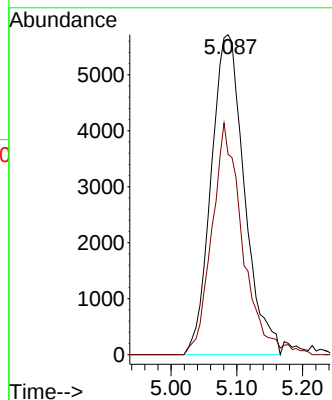
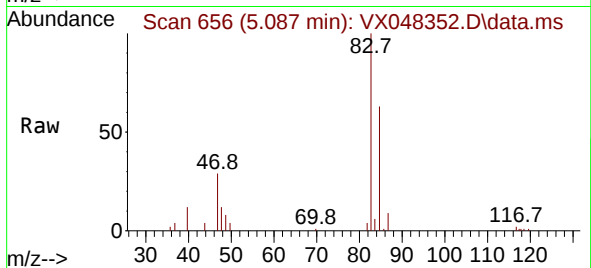
MW3

Tgt Ion: 83 Resp: 20100

Ion Ratio Lower Upper

83 100

85 58.8 50.1 75.1



#33

1,2-Dichloroethane-d4

Concen: 64.074 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048352.D

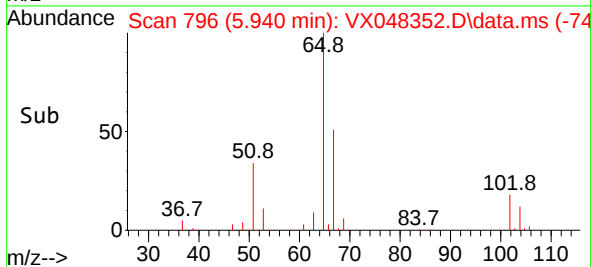
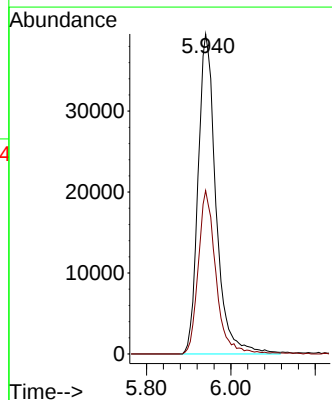
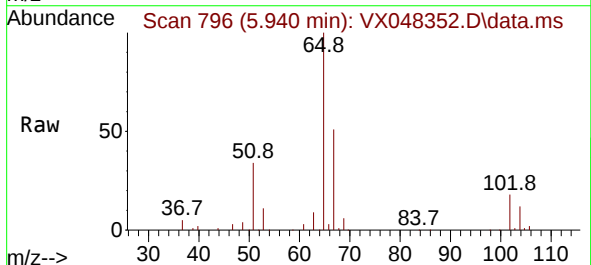
Acq: 24 Oct 2025 15:28

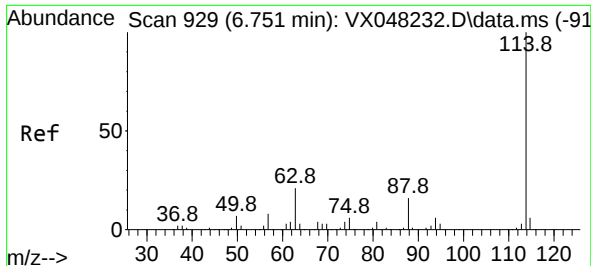
Tgt Ion: 65 Resp: 116702

Ion Ratio Lower Upper

65 100

67 50.2 0.0 105.0

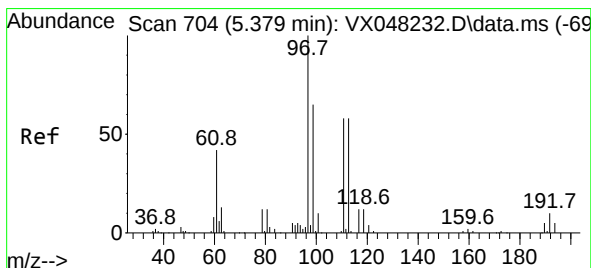
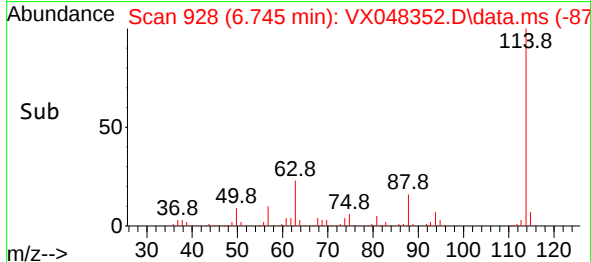
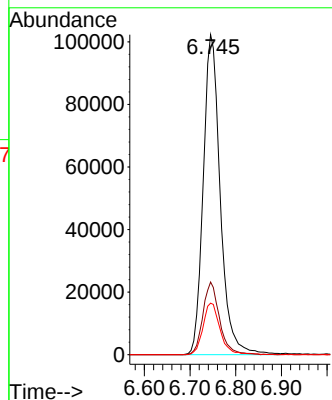
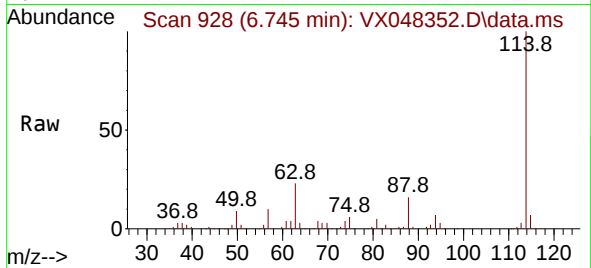




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048352.D
Acq: 24 Oct 2025 15:28

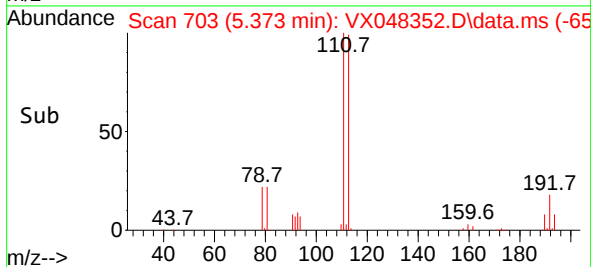
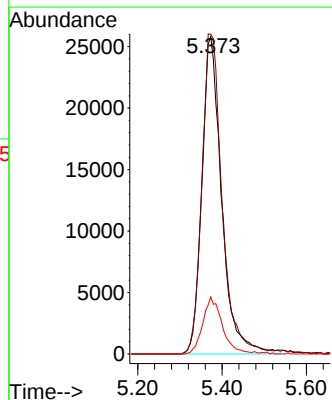
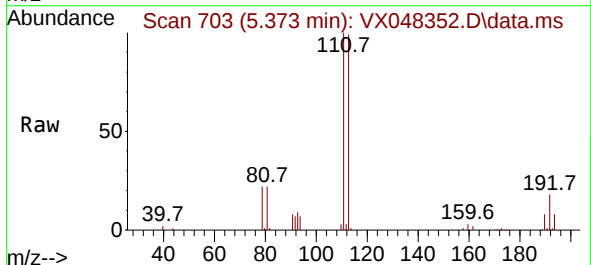
Instrument :
MSVOA_X
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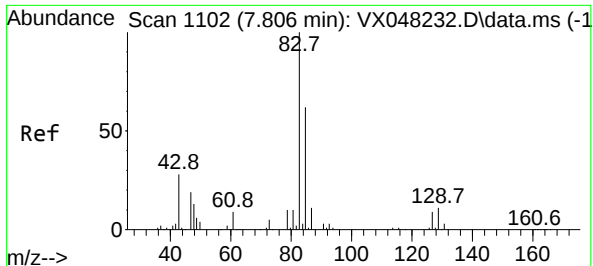
Tgt Ion:114 Resp: 264454
Ion Ratio Lower Upper
114 100
63 22.7 0.0 43.2
88 16.1 0.0 33.6



#35
Dibromofluoromethane
Concen: 46.728 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048352.D
Acq: 24 Oct 2025 15:28

Tgt Ion:113 Resp: 84364
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 17.6 15.1 22.7





#47

Bromodichloromethane

Concen: 0.997 ug/l

RT: 7.812 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VX048352.D

Acq: 24 Oct 2025 15:28

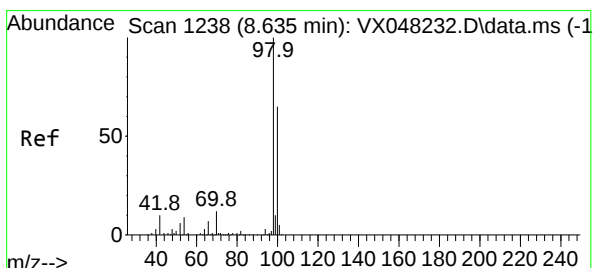
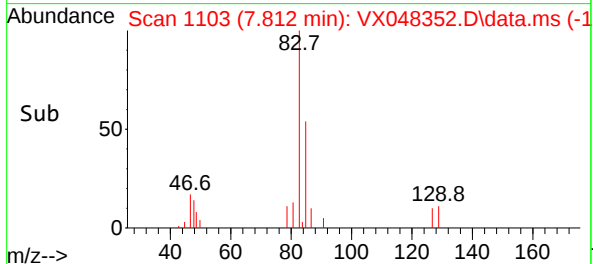
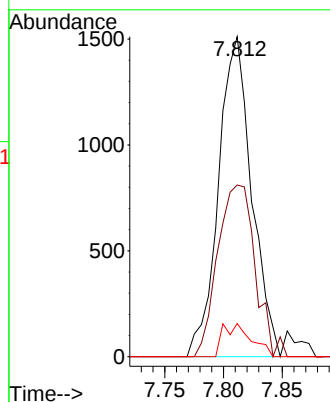
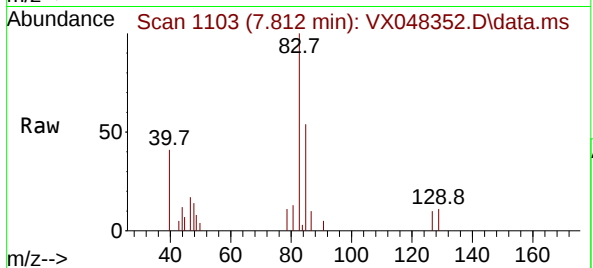
Instrument :

MSVOA_X

ClientSampleId :

MW3

Tgt Ion:	83	Resp:	2970
Ion	Ratio	Lower	Upper
83	100		
85	53.7	52.2	78.4
127	10.4	7.3	10.9



#50

Toluene-d8

Concen: 52.525 ug/l

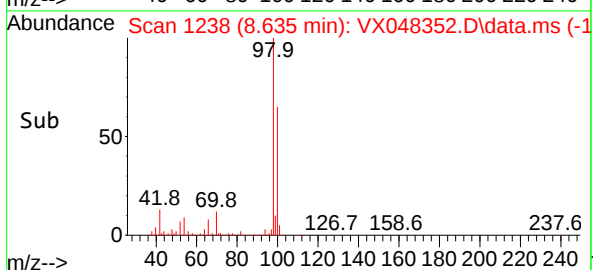
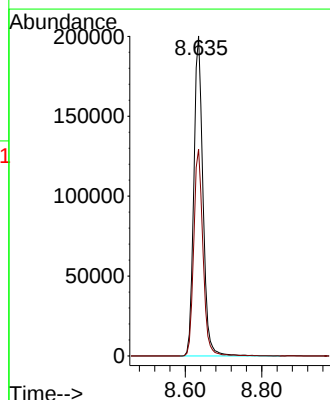
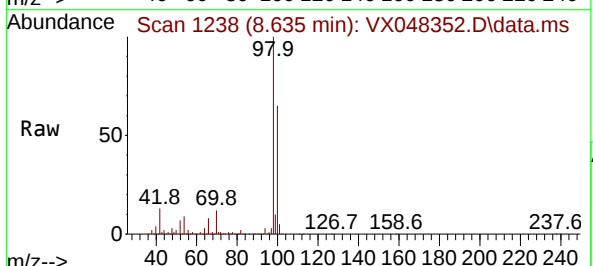
RT: 8.635 min Scan# 1238

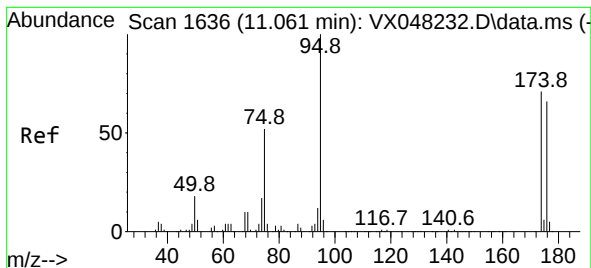
Delta R.T. 0.000 min

Lab File: VX048352.D

Acq: 24 Oct 2025 15:28

Tgt Ion:	98	Resp:	332386
Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.0	79.4

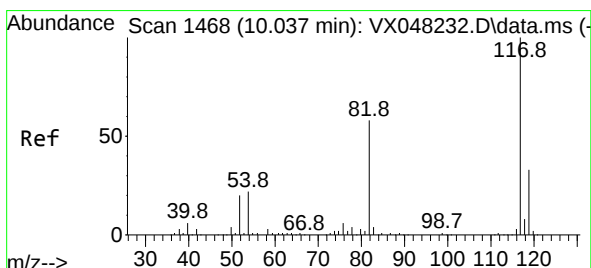
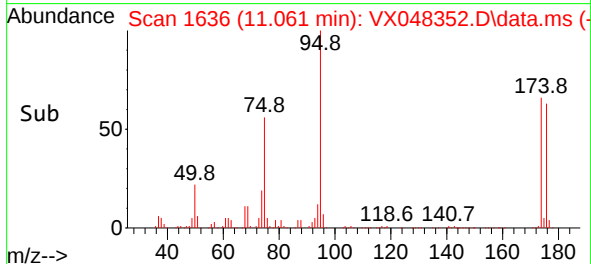
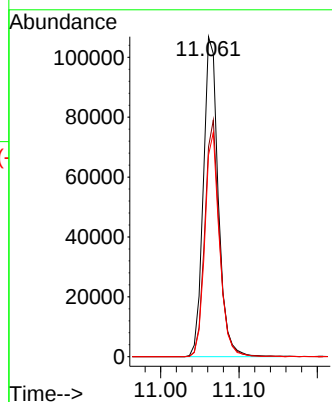
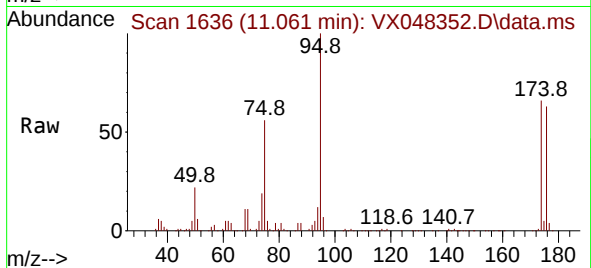




#62
4-Bromofluorobenzene
Concen: 58.784 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048352.D
Acq: 24 Oct 2025 15:28

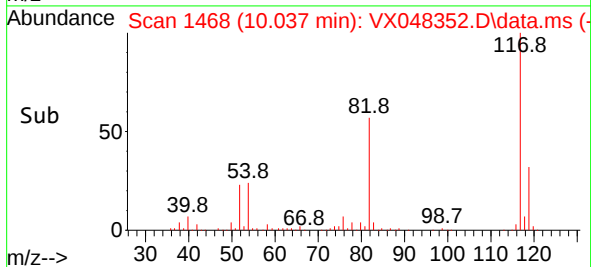
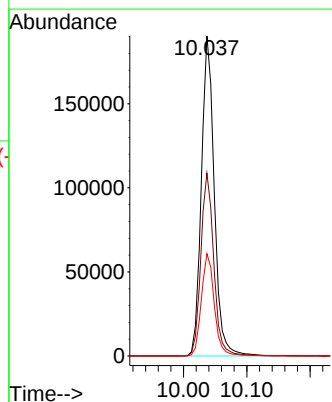
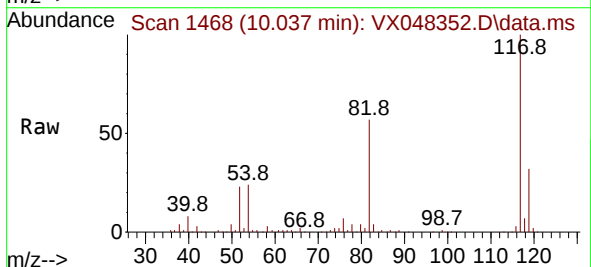
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ClientSampleId :
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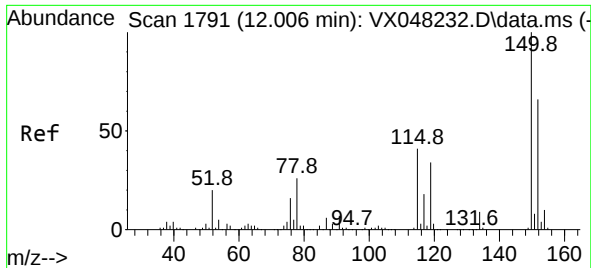
Tgt Ion: 95 Resp: 141517
Ion Ratio Lower Upper
95 100
174 72.6 0.0 147.8
176 68.7 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048352.D
Acq: 24 Oct 2025 15:28

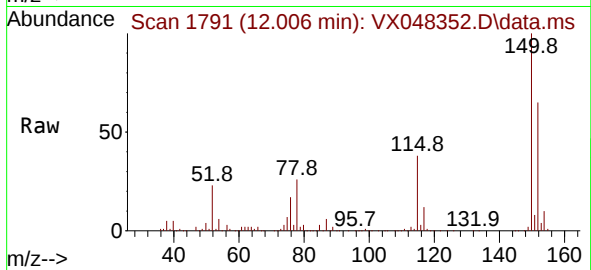
Tgt Ion: 117 Resp: 271415
Ion Ratio Lower Upper
117 100
82 57.1 46.5 69.7
119 32.0 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048352.D
 Acq: 24 Oct 2025 15:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MW3



Tgt Ion:152 Resp: 138260
 Ion Ratio Lower Upper
 152 100
 115 62.1 43.1 129.4
 150 157.0 0.0 353.0

