

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048351.D
 Acq On : 24 Oct 2025 15:08
 Operator : JC/MD
 Sample : Q3464-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2

Quant Time: Oct 24 23:04:59 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)

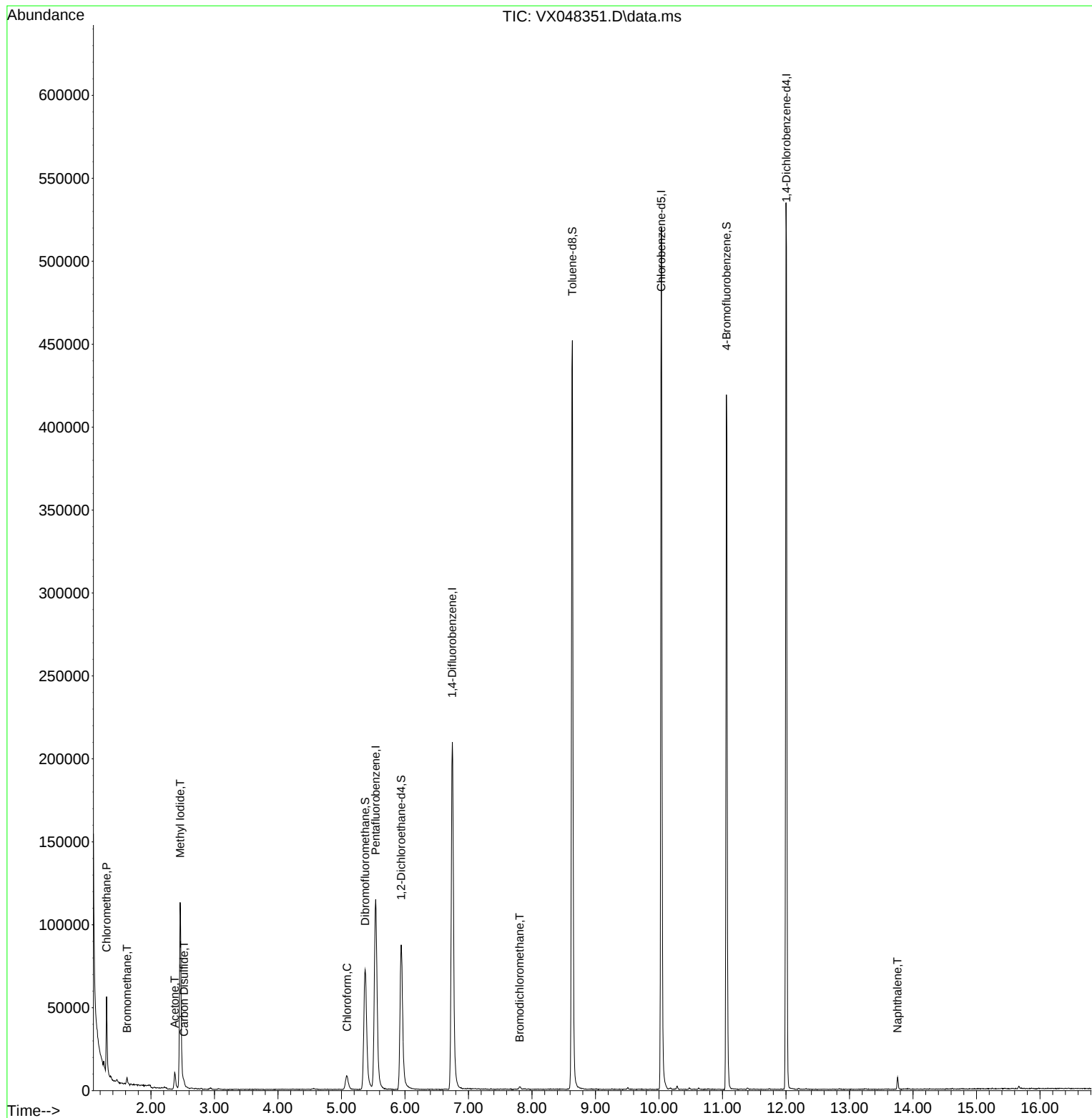
Internal Standards						
1) Pentafluorobenzene	5.538	168	113441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	225869	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	230834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	110100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	98891	62.175	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 124.360%#	
35) Dibromofluoromethane	5.373	113	70989	46.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.080%	
50) Toluene-d8	8.635	98	279588	51.729	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	11.061	95	114989	55.924	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.840%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	31774	29.190	ug/l	99
5) Bromomethane	1.624	94	1888	2.760	ug/l	86
10) Methyl Iodide	2.459	142	120161	78.080	ug/l	99
16) Acetone	2.374	43	12826	23.506	ug/l	97
17) Carbon Disulfide	2.520	76	2063	0.550	ug/l	99
30) Chloroform	5.087	83	10633	4.173	ug/l	85
47) Bromodichloromethane	7.806	83	1351	0.531	ug/l #	86
95) Naphthalene	13.756	128	4570	0.715	ug/l	99

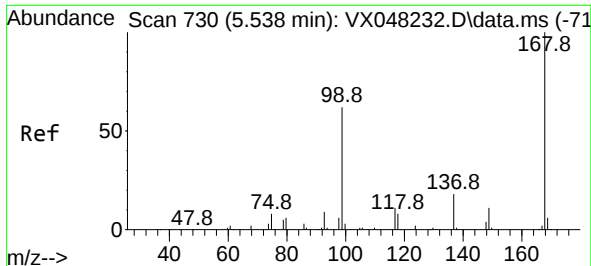
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
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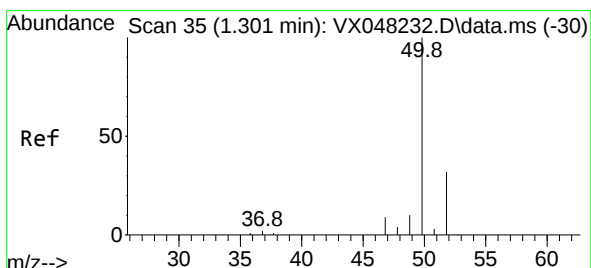
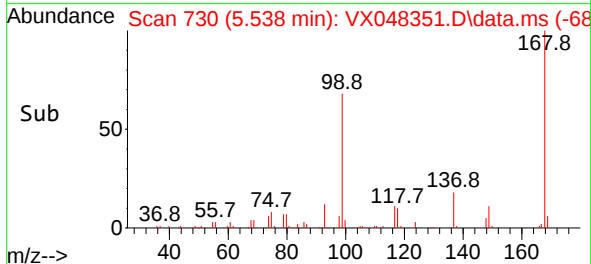
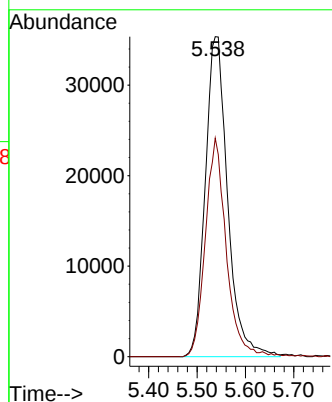
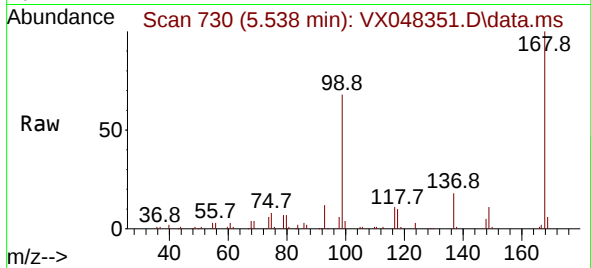




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048351.D
Acq: 24 Oct 2025 15:08

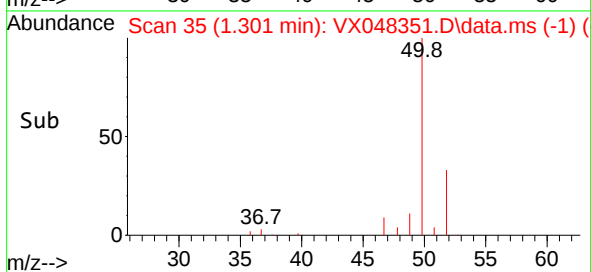
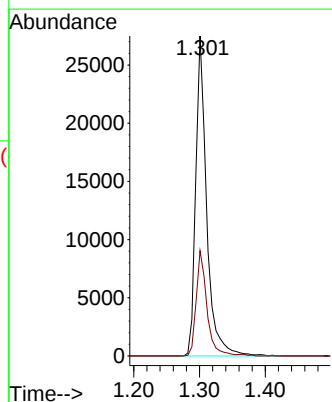
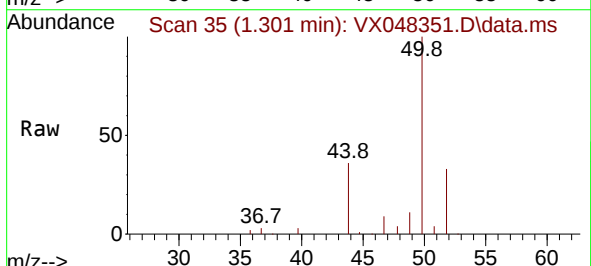
Instrument :
MSVOA_X
ClientSampleId :
MW2

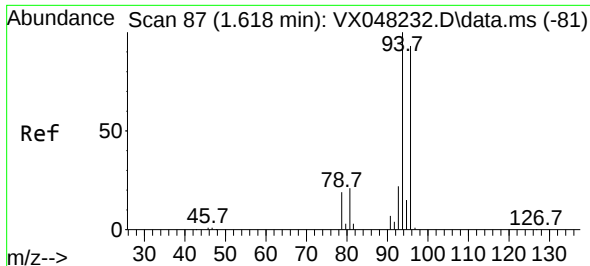
Tgt Ion:168 Resp: 113441
Ion Ratio Lower Upper
168 100
99 68.3 46.4 69.6



#3
Chloromethane
Concen: 29.190 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048351.D
Acq: 24 Oct 2025 15:08

Tgt Ion: 50 Resp: 31774
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9

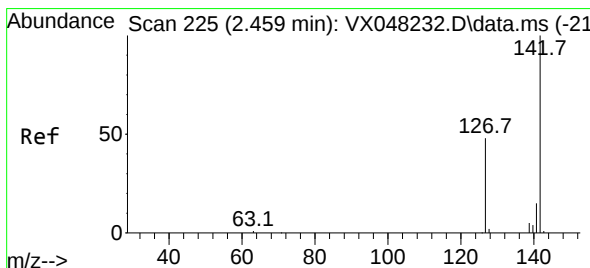
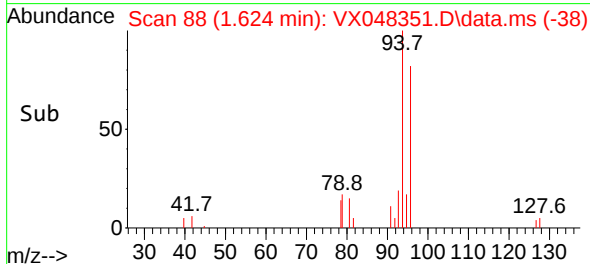
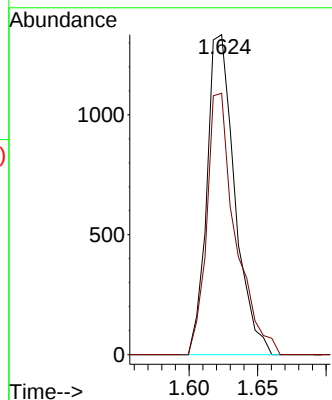
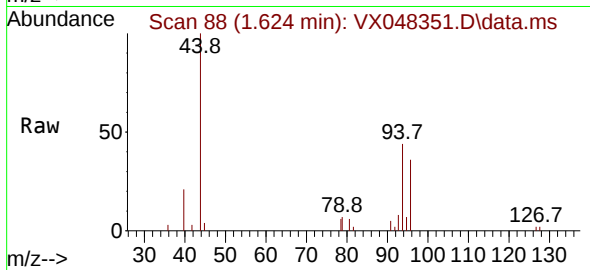




#5
Bromomethane
Concen: 2.760 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX048351.D
Acq: 24 Oct 2025 15:08

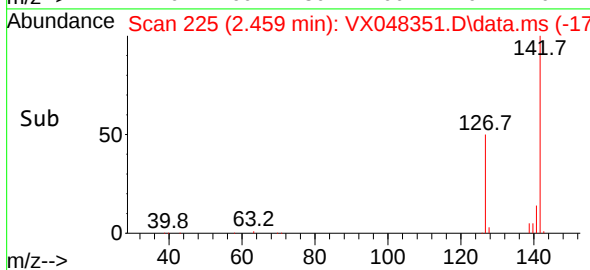
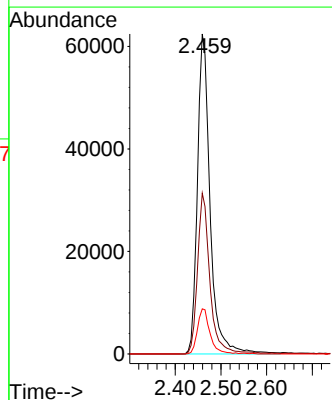
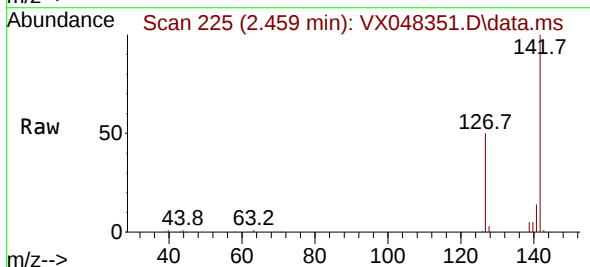
Instrument :
MSVOA_X
ClientSampleId :
MW2

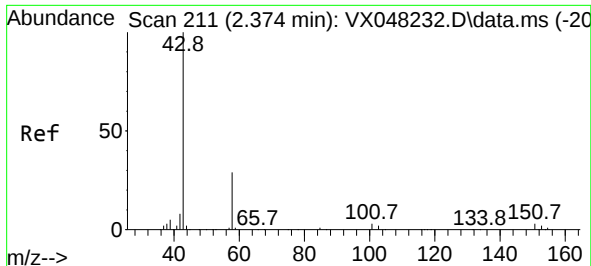
Tgt Ion: 94 Resp: 1888
Ion Ratio Lower Upper
94 100
96 81.7 76.0 114.0



#10
Methyl Iodide
Concen: 78.080 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048351.D
Acq: 24 Oct 2025 15:08

Tgt Ion:142 Resp: 120161
Ion Ratio Lower Upper
142 100
127 49.2 38.5 57.7
141 14.1 11.6 17.4

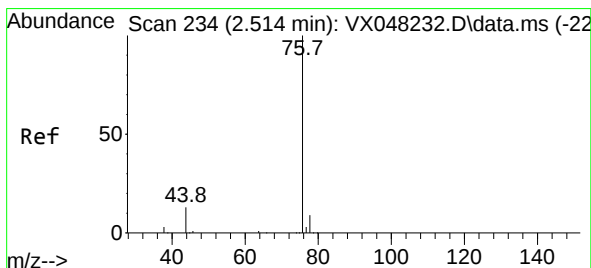
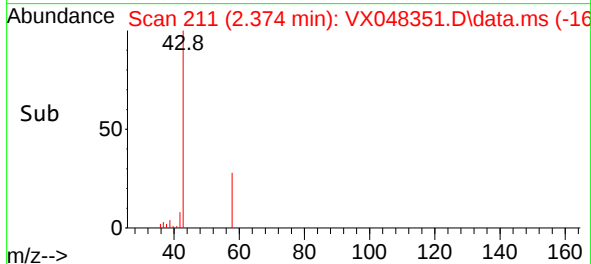
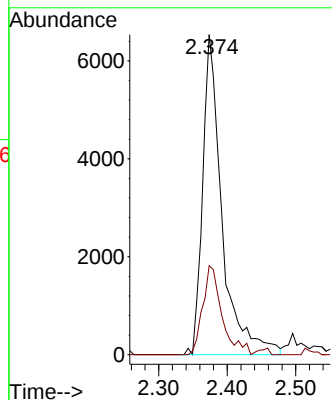
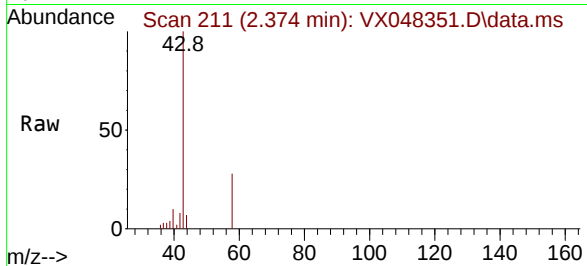




#16
Acetone
Concen: 23.506 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048351.D
Acq: 24 Oct 2025 15:08

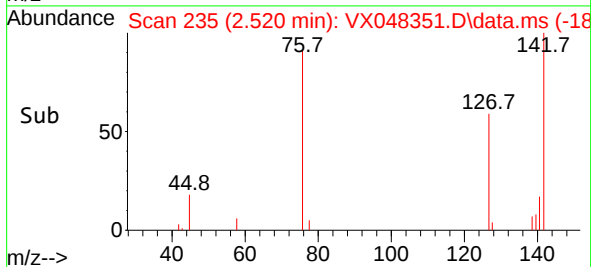
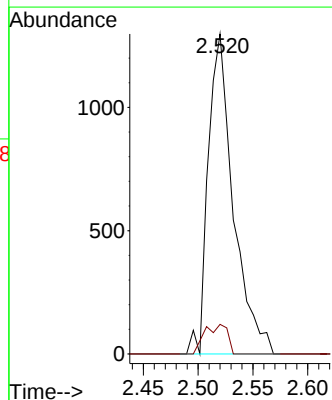
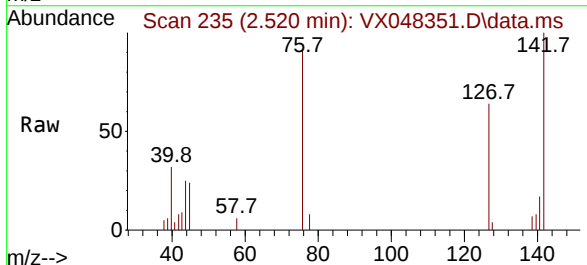
Instrument :
MSVOA_X
ClientSampleId :
MW2

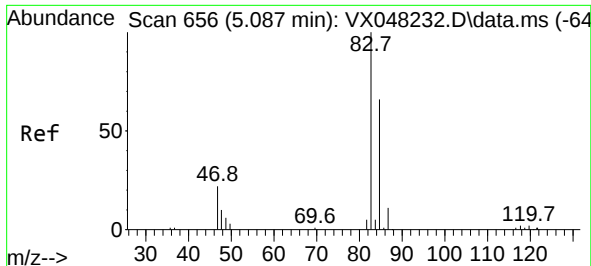
Tgt Ion: 43 Resp: 12826
Ion Ratio Lower Upper
43 100
58 27.8 23.4 35.2



#17
Carbon Disulfide
Concen: 0.550 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX048351.D
Acq: 24 Oct 2025 15:08

Tgt Ion: 76 Resp: 2063
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7





#30

Chloroform

Concen: 4.173 ug/l

RT: 5.087 min Scan# 6

Delta R.T. 0.006 min

Lab File: VX048351.D

Acq: 24 Oct 2025 15:08

Instrument :

MSVOA_X

ClientSampleId :

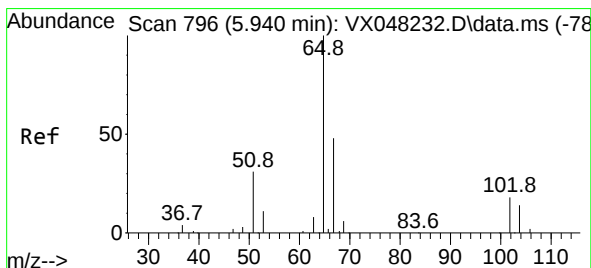
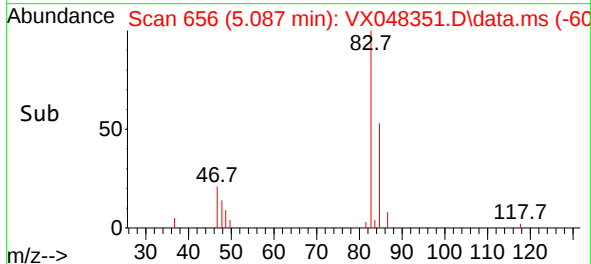
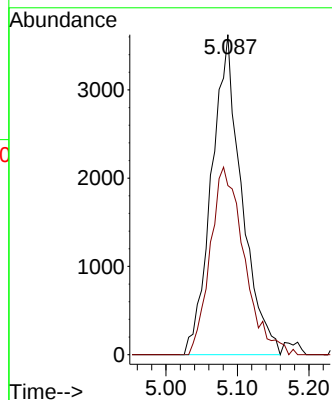
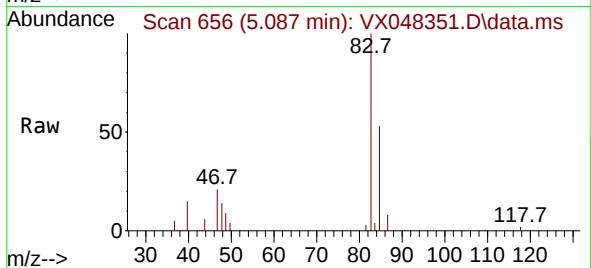
MW2

Tgt Ion: 83 Resp: 10633

Ion Ratio Lower Upper

83 100

85 50.8 50.1 75.1



#33

1,2-Dichloroethane-d4

Concen: 62.175 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048351.D

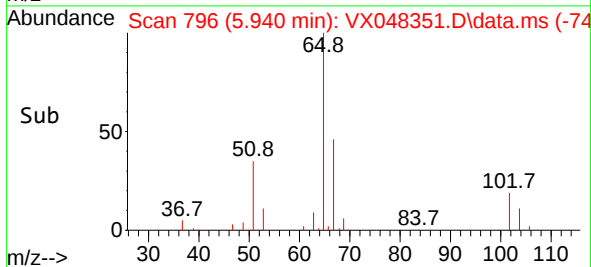
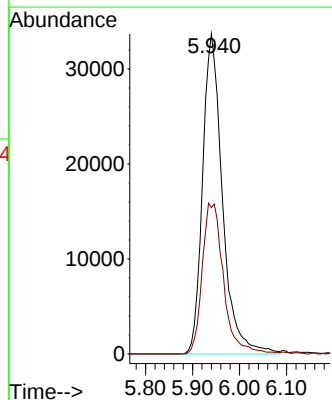
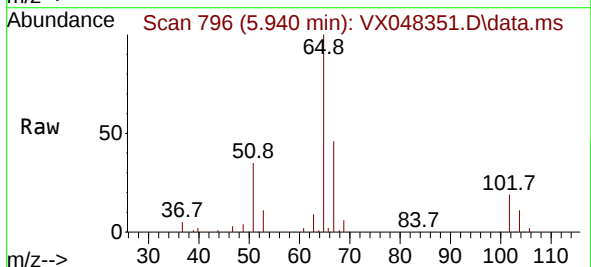
Acq: 24 Oct 2025 15:08

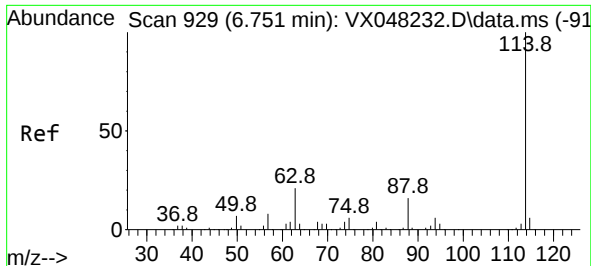
Tgt Ion: 65 Resp: 98891

Ion Ratio Lower Upper

65 100

67 50.5 0.0 105.0

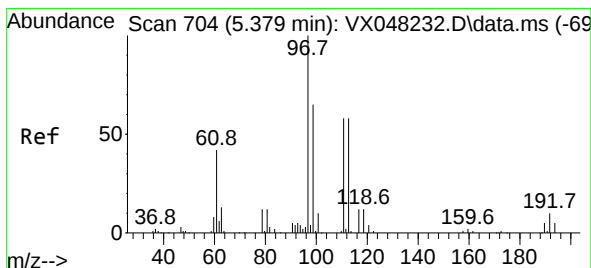
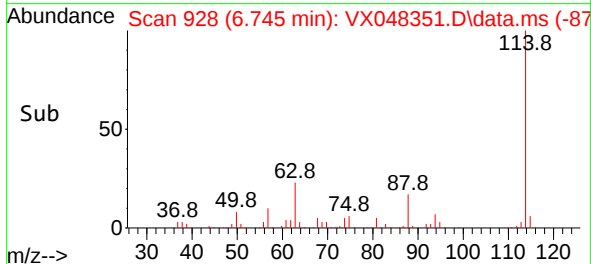
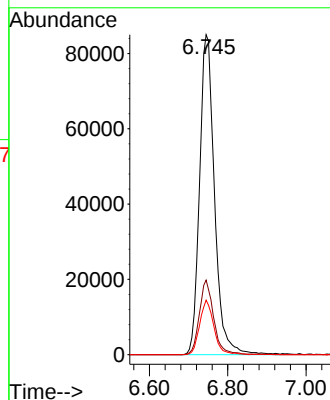
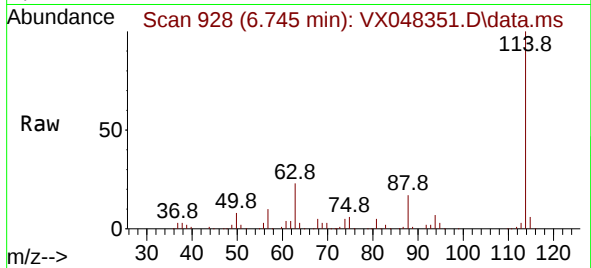




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048351.D
Acq: 24 Oct 2025 15:08

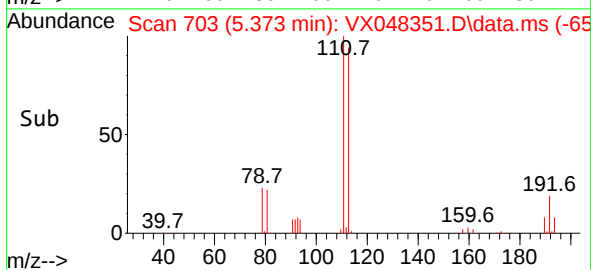
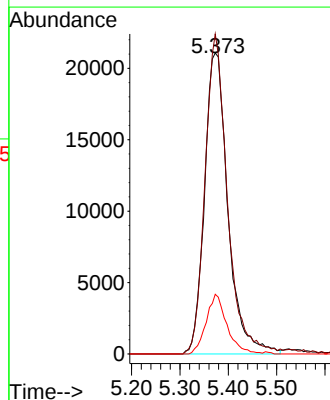
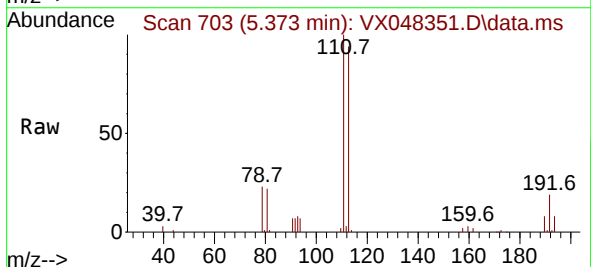
Instrument :
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ClientSampleId :
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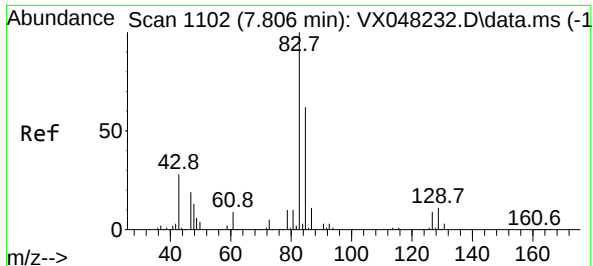
Tgt Ion:114 Resp: 225869
Ion Ratio Lower Upper
114 100
63 23.3 0.0 43.2
88 17.0 0.0 33.6



#35
Dibromofluoromethane
Concen: 46.037 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048351.D
Acq: 24 Oct 2025 15:08

Tgt Ion:113 Resp: 70989
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 17.6 15.1 22.7

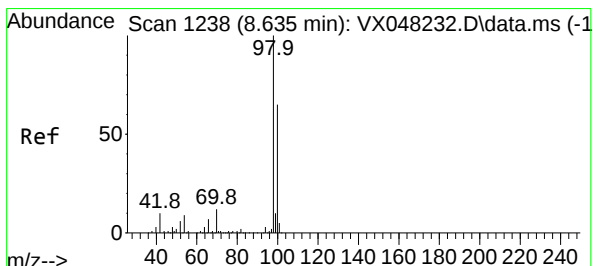
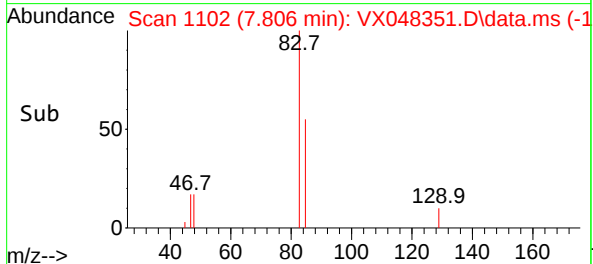
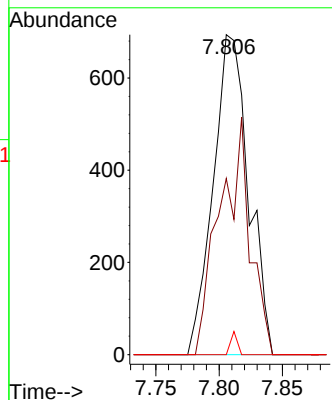
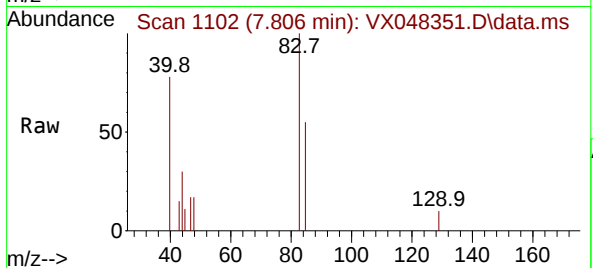




#47
Bromodichloromethane
Concen: 0.531 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048351.D
Acq: 24 Oct 2025 15:08

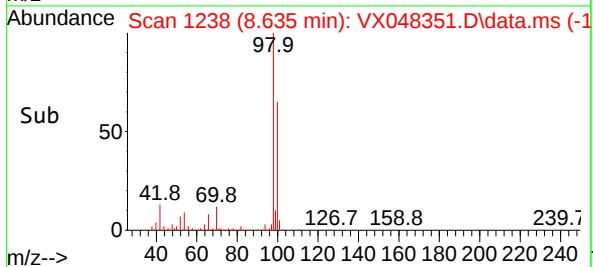
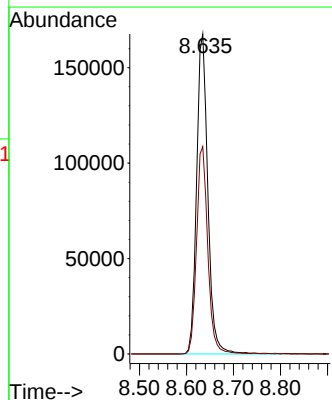
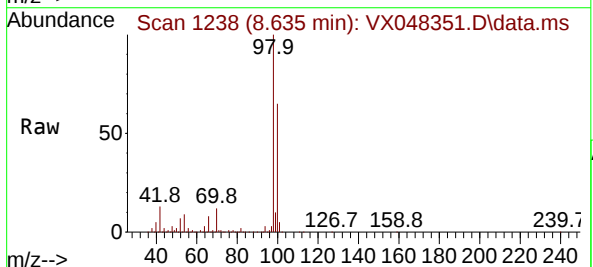
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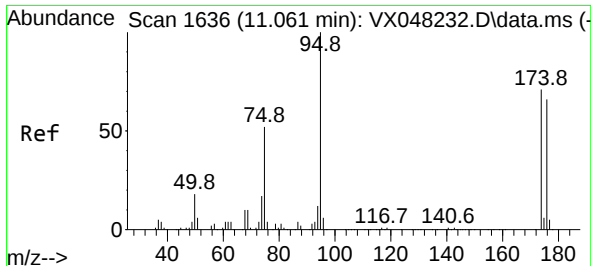
Tgt Ion: 83 Resp: 1351
Ion Ratio Lower Upper
83 100
85 55.0 52.2 78.4
127 0.0 7.3 10.9#



#50
Toluene-d8
Concen: 51.729 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048351.D
Acq: 24 Oct 2025 15:08

Tgt Ion: 98 Resp: 279588
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4

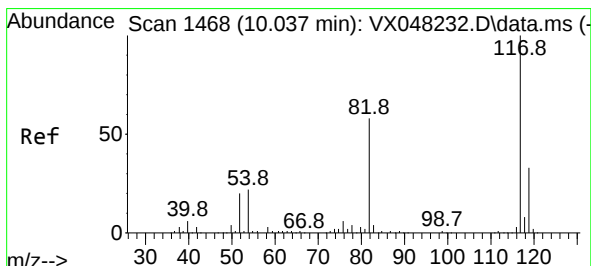
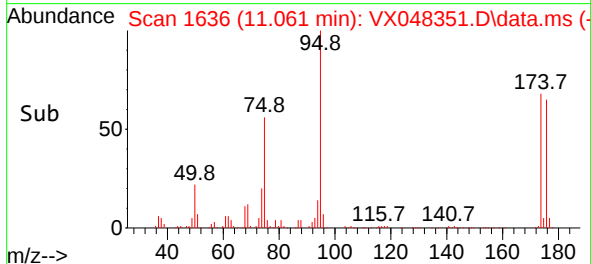
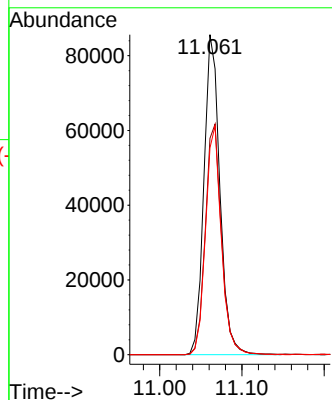
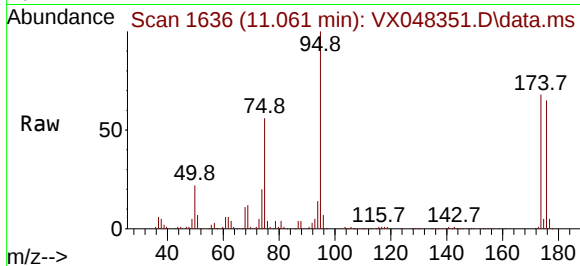




#62
4-Bromofluorobenzene
Concen: 55.924 ug/l
RT: 11.061 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048351.D
Acq: 24 Oct 2025 15:08

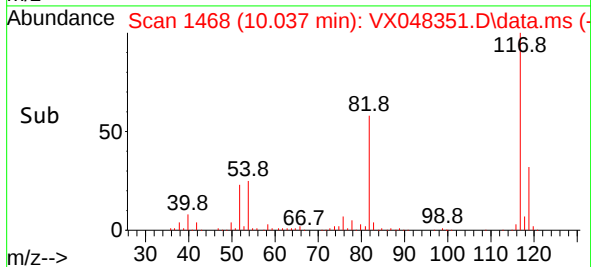
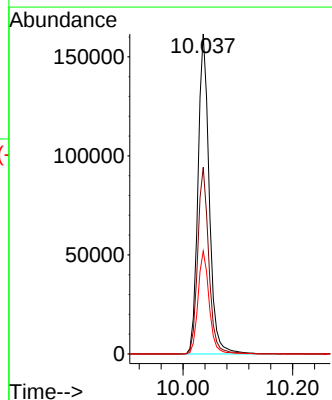
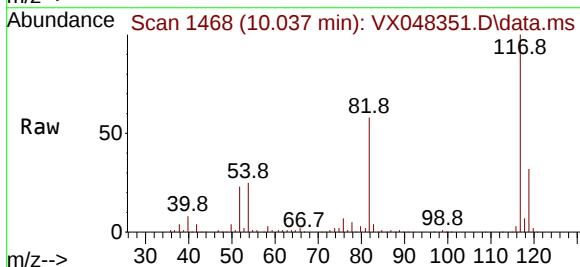
Instrument :
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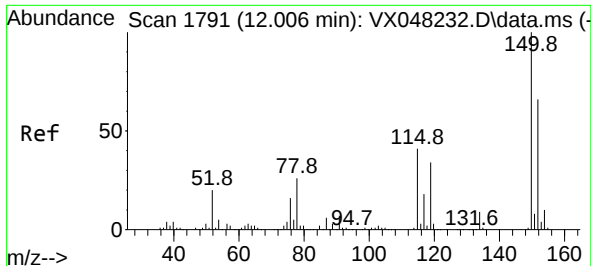
Tgt Ion: 95 Resp: 114989
Ion Ratio Lower Upper
95 100
174 73.6 0.0 147.8
176 70.9 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048351.D
Acq: 24 Oct 2025 15:08

Tgt Ion: 117 Resp: 230834
Ion Ratio Lower Upper
117 100
82 58.3 46.5 69.7
119 32.2 25.9 38.9

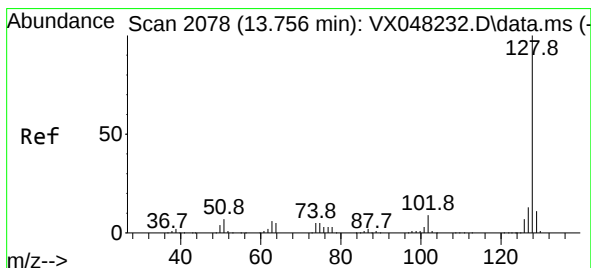
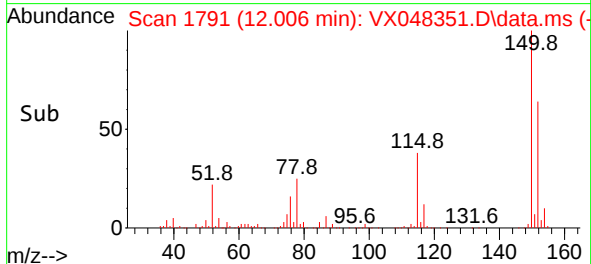
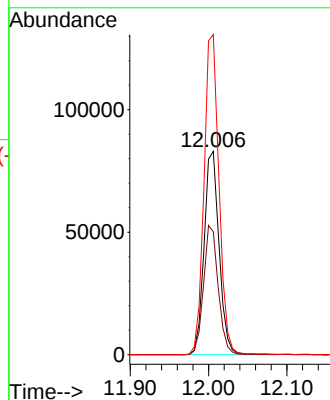
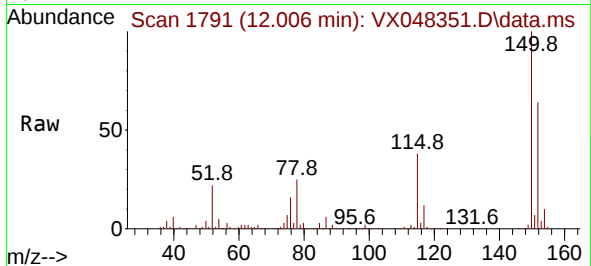




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048351.D
Acq: 24 Oct 2025 15:08

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion:152 Resp: 110100
Ion Ratio Lower Upper
152 100
115 62.4 43.1 129.4
150 157.7 0.0 353.0



#95
Naphthalene
Concen: 0.715 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048351.D
Acq: 24 Oct 2025 15:08

Tgt Ion:128 Resp: 4570
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 10.7 8.6 12.8

