

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048023.D
 Acq On : 06 Oct 2025 14:49
 Operator : JC/MD
 Sample : Q3263-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 251818

Quant Time: Oct 07 02:14:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

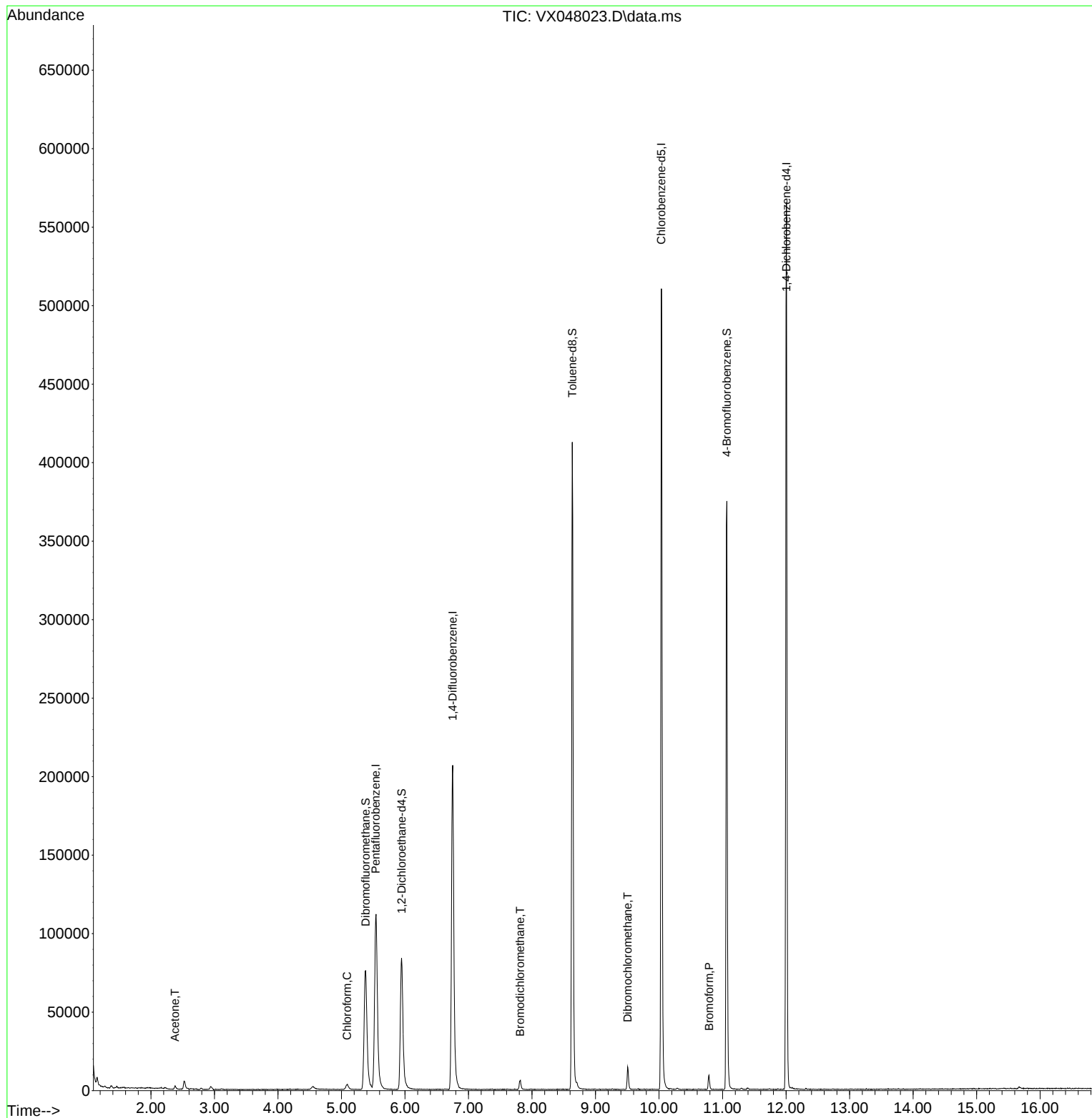
Internal Standards						
1) Pentafluorobenzene	5.537	168	112174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	225184	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	236785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	118391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	90992	50.961	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.920%		
35) Dibromofluoromethane	5.379	113	74680	49.450	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.900%		
50) Toluene-d8	8.634	98	253923	48.592	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.180%		
62) 4-Bromofluorobenzene	11.067	95	109125	55.024	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 110.040%		
Target Compounds						Qvalue
16) Acetone	2.379	43	2427	3.126	ug/l #	87
30) Chloroform	5.086	83	4268	1.491	ug/l	89
47) Bromodichloromethane	7.811	83	4455	1.729	ug/l	95
60) Dibromochloromethane	9.506	129	7005	3.818	ug/l	98
71) Bromoform	10.786	173	3741	2.699	ug/l #	98

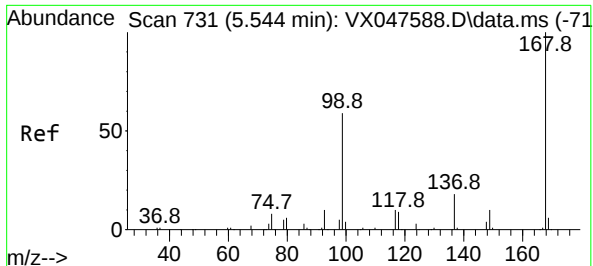
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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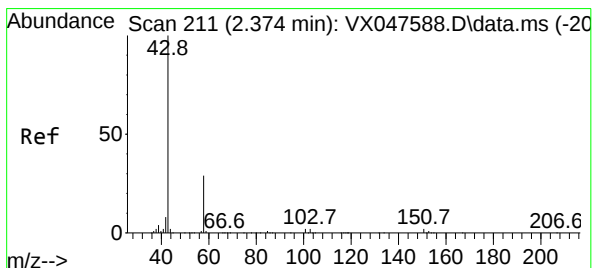
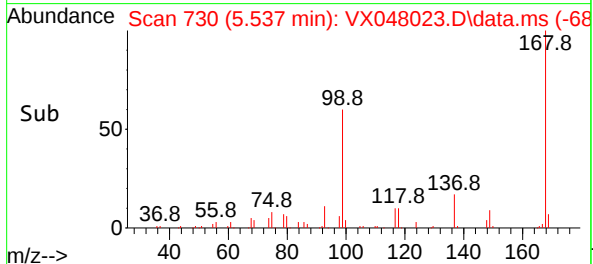
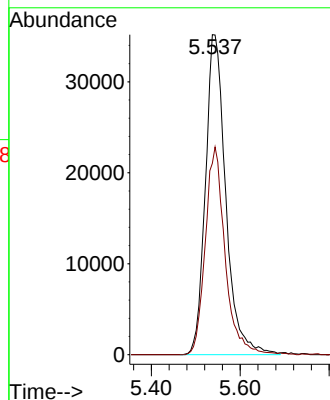
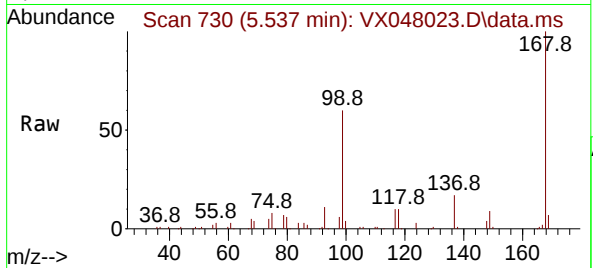




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048023.D
Acq: 06 Oct 2025 14:49

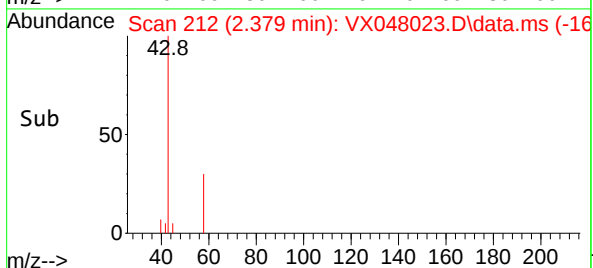
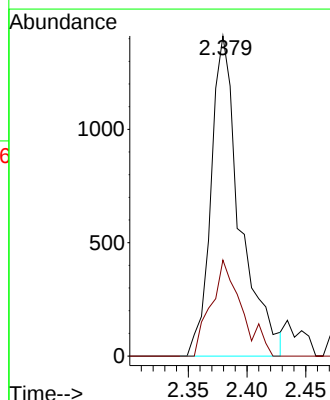
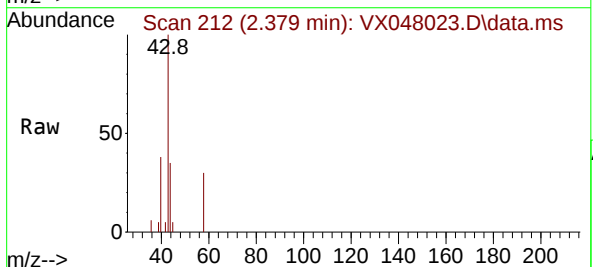
Instrument :
MSVOA_X
ClientSampleId :
251818

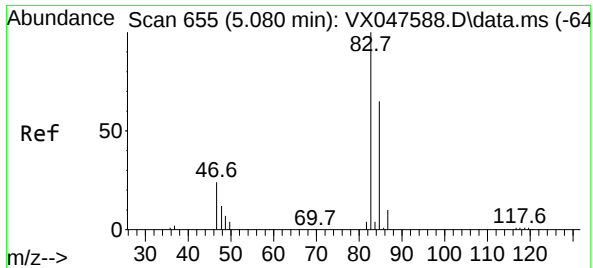
Tgt Ion:168 Resp: 112174
Ion Ratio Lower Upper
168 100
99 59.8 48.8 73.2



#16
Acetone
Concen: 3.126 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048023.D
Acq: 06 Oct 2025 14:49

Tgt Ion: 43 Resp: 2427
Ion Ratio Lower Upper
43 100
58 22.2 23.4 35.0#





#30

Chloroform

Concen: 1.491 ug/l

RT: 5.086 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX048023.D

Acq: 06 Oct 2025 14:49

Instrument :

MSVOA_X

ClientSampleId :

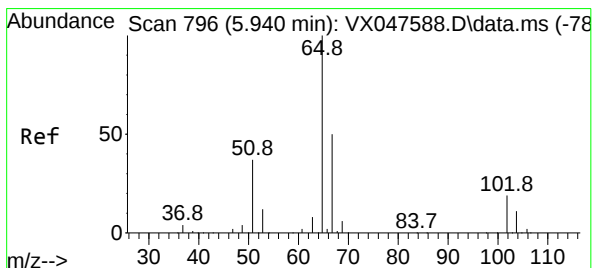
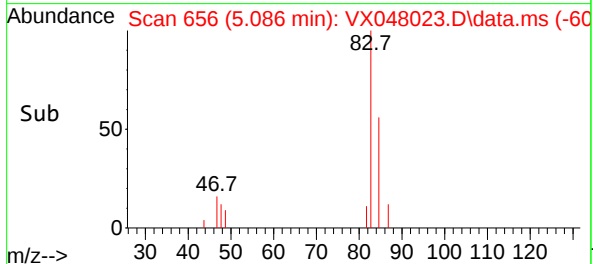
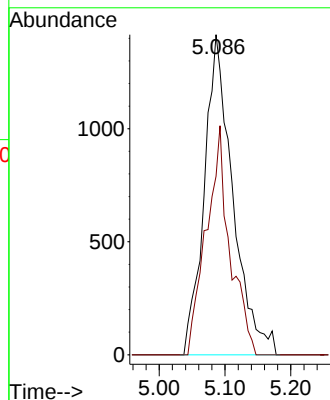
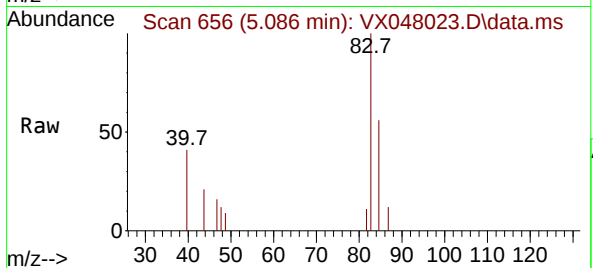
251818

Tgt Ion: 83 Resp: 4268

Ion Ratio Lower Upper

83 100

85 55.8 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: 50.961 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX048023.D

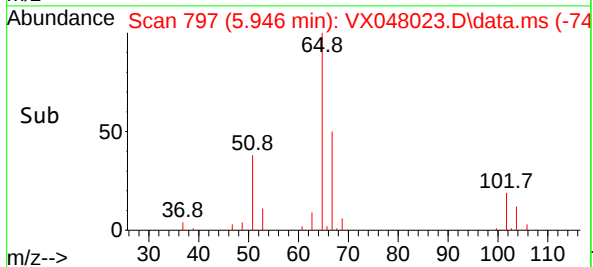
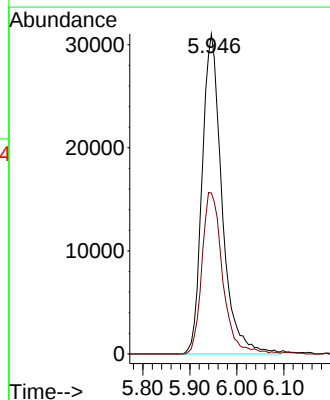
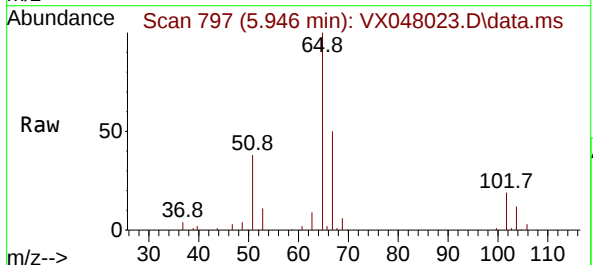
Acq: 06 Oct 2025 14:49

Tgt Ion: 65 Resp: 90992

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.0

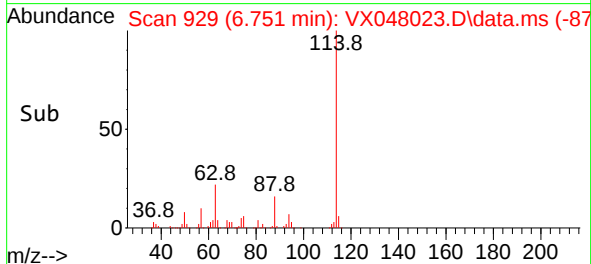
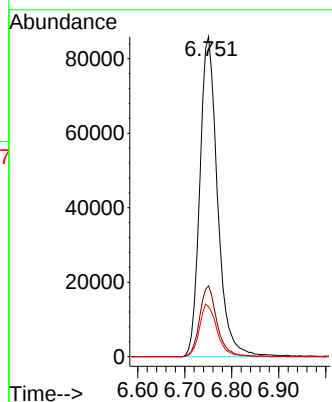
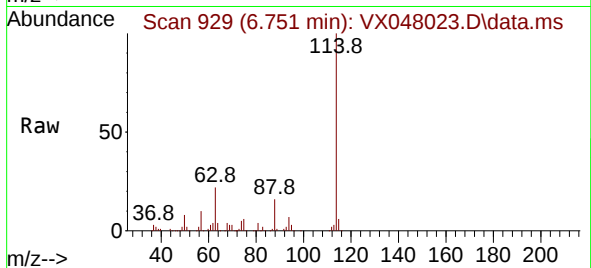




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048023.D
Acq: 06 Oct 2025 14:49

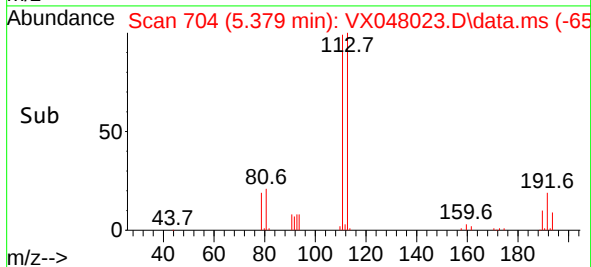
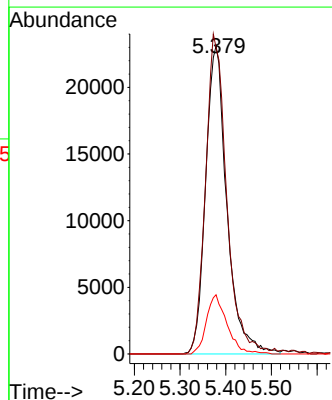
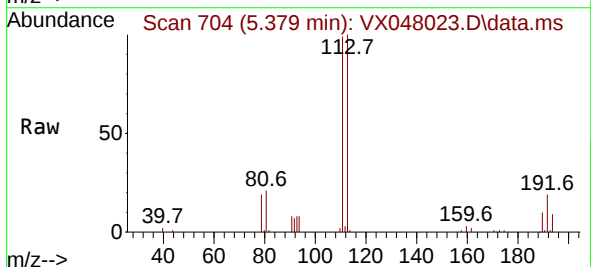
Instrument :
MSVOA_X
ClientSampleId :
251818

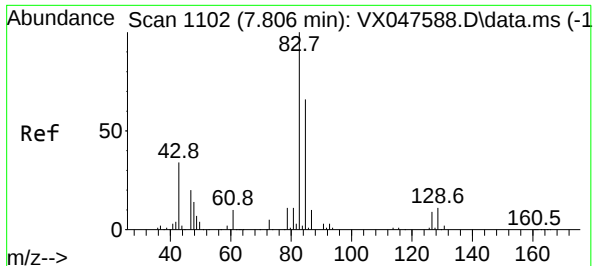
Tgt Ion:114 Resp: 225184
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.0
88 15.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.450 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048023.D
Acq: 06 Oct 2025 14:49

Tgt Ion:113 Resp: 74680
Ion Ratio Lower Upper
113 100
111 103.1 80.9 121.3
192 18.7 14.2 21.4

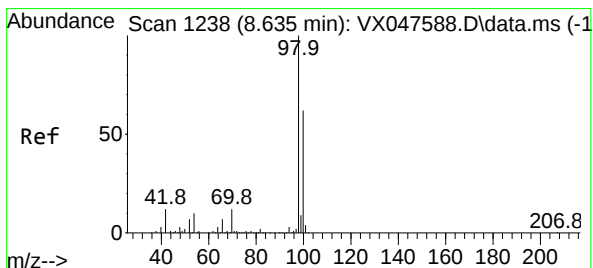
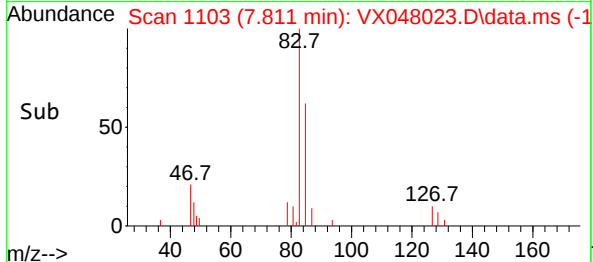
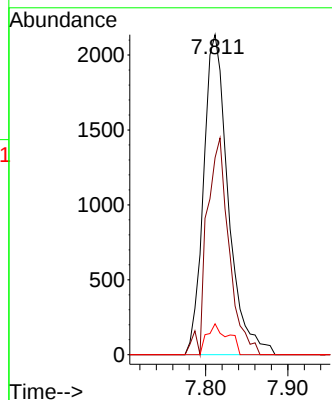
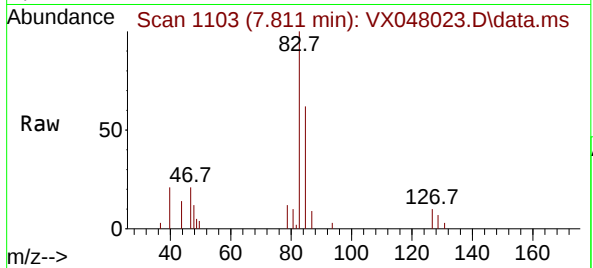




#47
Bromodichloromethane
Concen: 1.729 ug/l
RT: 7.811 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VX048023.D
Acq: 06 Oct 2025 14:49

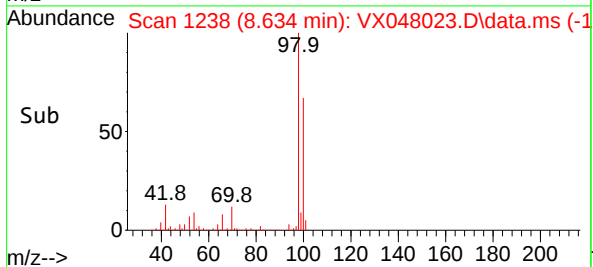
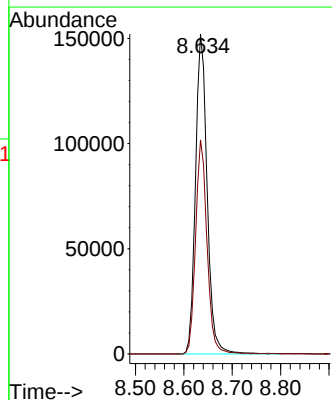
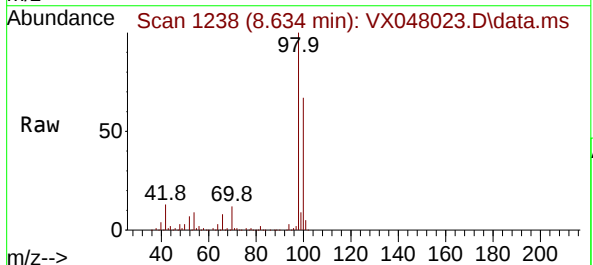
Instrument :
MSVOA_X
ClientSampleId :
251818

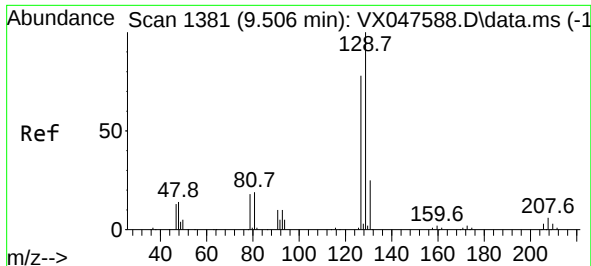
Tgt Ion: 83 Resp: 4455
Ion Ratio Lower Upper
83 100
85 61.6 52.5 78.7
127 9.6 6.9 10.3



#50
Toluene-d8
Concen: 48.592 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048023.D
Acq: 06 Oct 2025 14:49

Tgt Ion: 98 Resp: 253923
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4

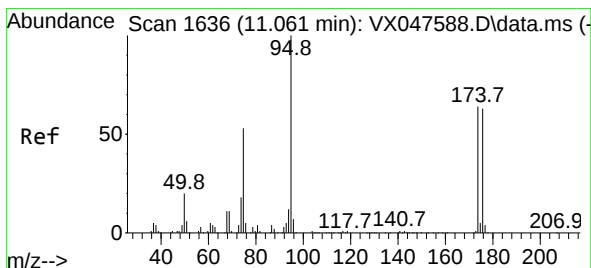
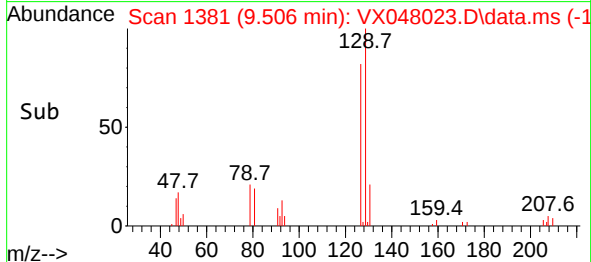
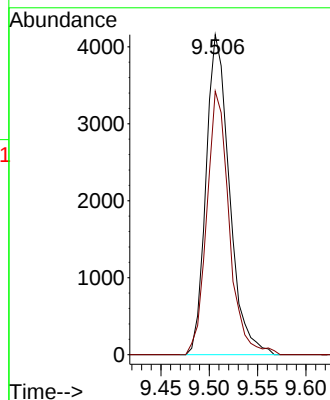
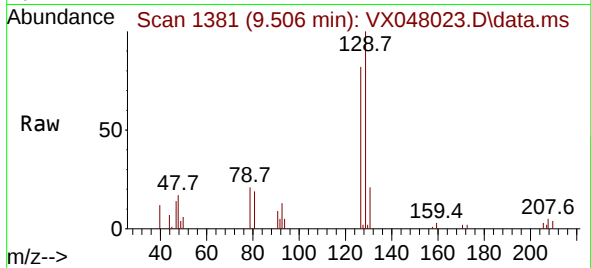




#60
Dibromochloromethane
Concen: 3.818 ug/l
RT: 9.506 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048023.D
Acq: 06 Oct 2025 14:49

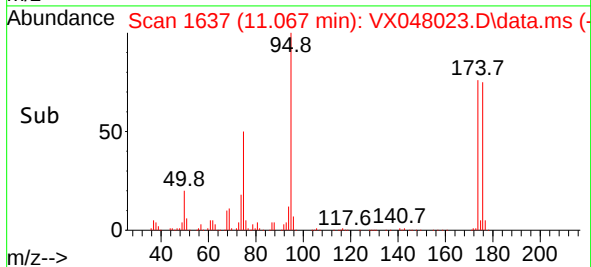
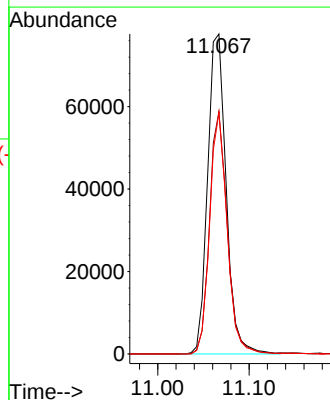
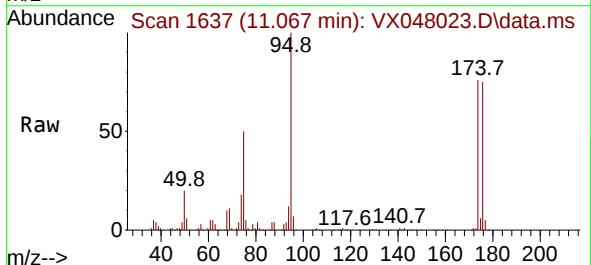
Instrument :
MSVOA_X
ClientSampleId :
251818

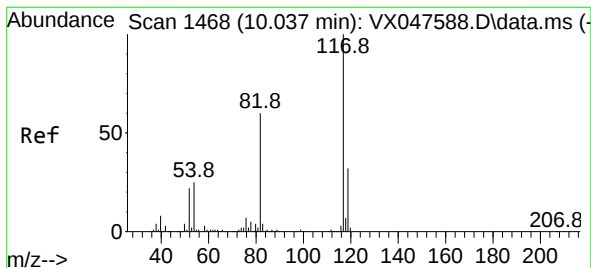
Tgt Ion:129 Resp: 7005
Ion Ratio Lower Upper
129 100
127 78.9 38.4 115.2



#62
4-Bromofluorobenzene
Concen: 55.024 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048023.D
Acq: 06 Oct 2025 14:49

Tgt Ion: 95 Resp: 109125
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.6
176 70.8 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048023.D

Acq: 06 Oct 2025 14:49

Instrument :

MSVOA_X

ClientSampleId :

251818

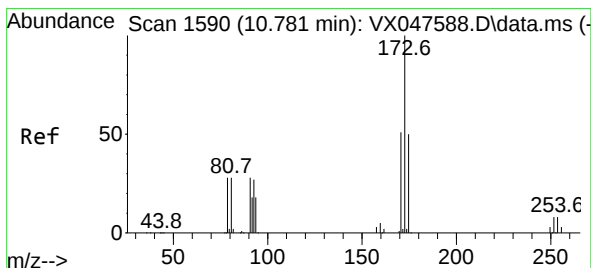
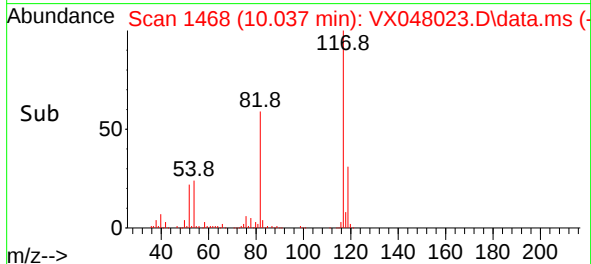
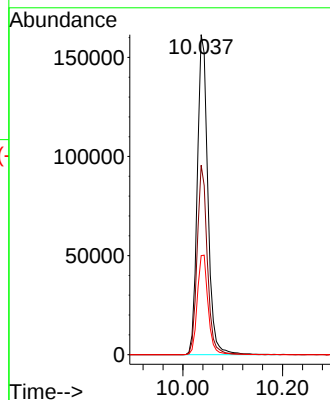
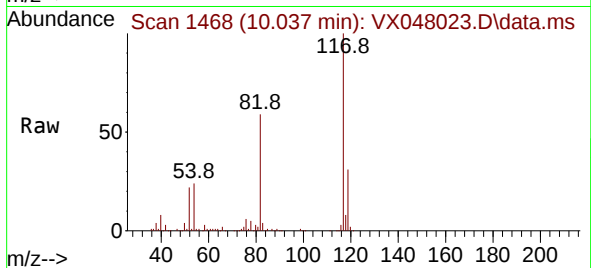
Tgt Ion:117 Resp: 236785

Ion Ratio Lower Upper

117 100

82 59.2 47.8 71.6

119 31.0 25.2 37.8



#71

Bromoform

Concen: 2.699 ug/l

RT: 10.786 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VX048023.D

Acq: 06 Oct 2025 14:49

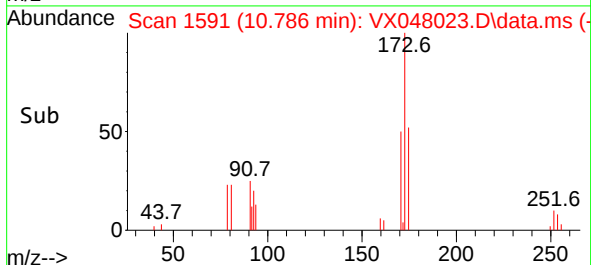
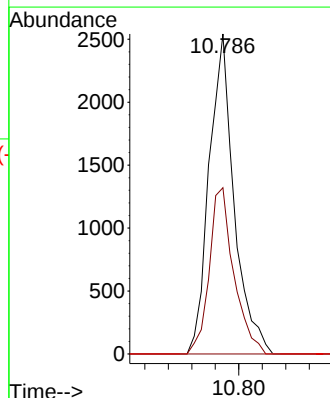
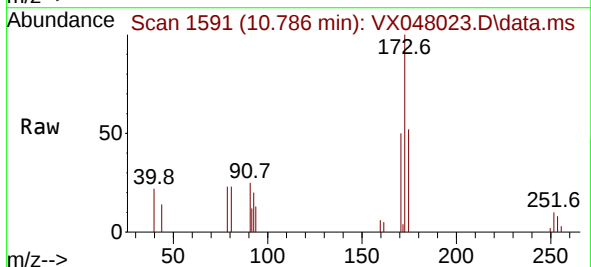
Tgt Ion:173 Resp: 3741

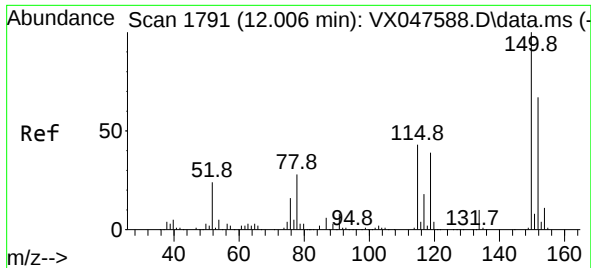
Ion Ratio Lower Upper

173 100

175 51.2 24.9 74.6

254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048023.D

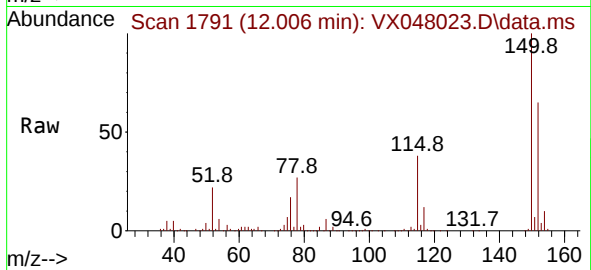
Acq: 06 Oct 2025 14:49

Instrument :

MSVOA_X

ClientSampleId :

251818



Tgt Ion:152 Resp: 118391

Ion Ratio Lower Upper

152 100

115 61.4 44.9 134.5

150 156.4 0.0 352.0

