

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048024.D
 Acq On : 06 Oct 2025 15:10
 Operator : JC/MD
 Sample : Q3263-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 266380

Quant Time: Oct 07 02:15:11 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)

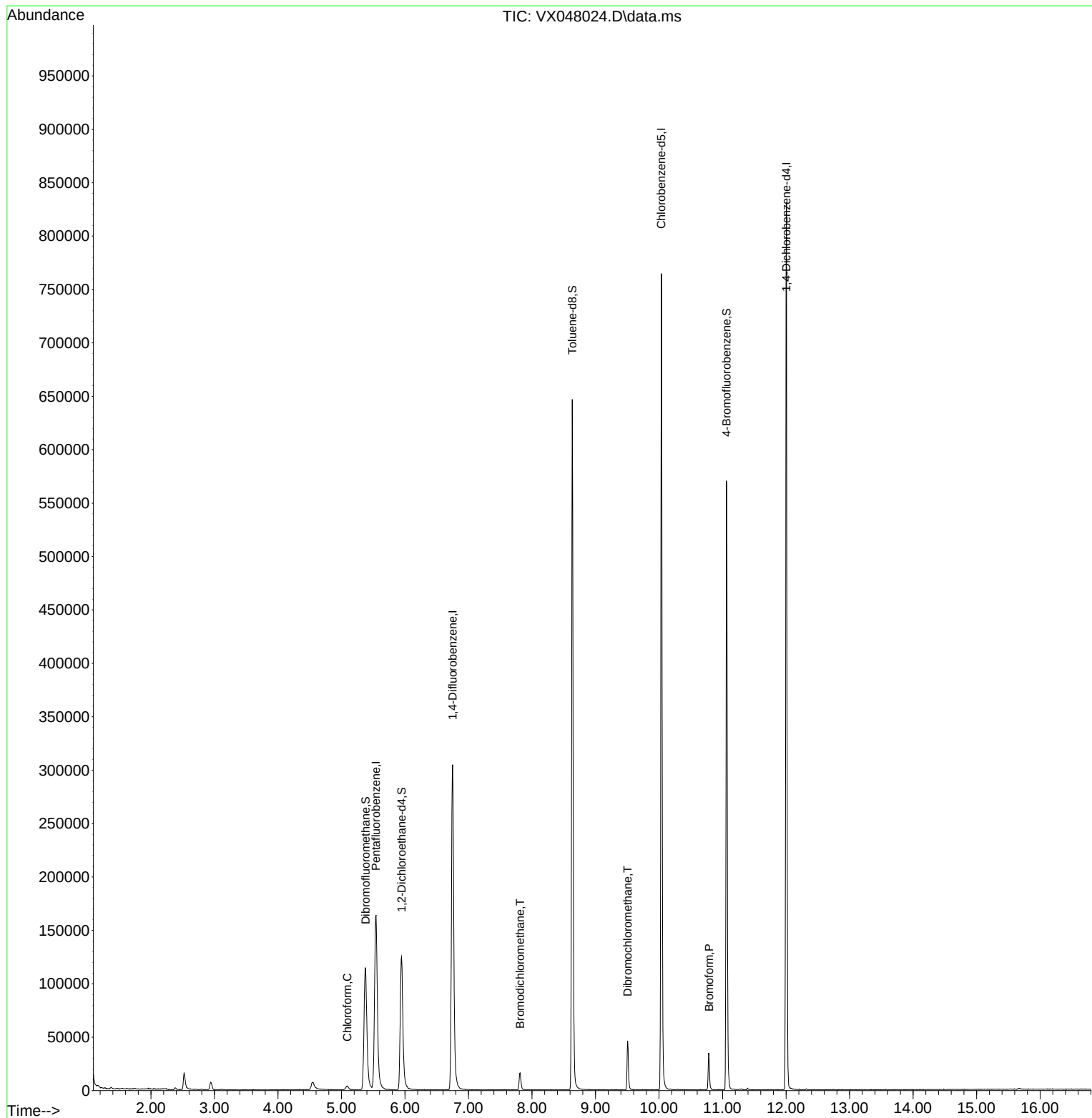
Internal Standards						
1) Pentafluorobenzene	5.544	168	166031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	333294	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	344096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	172196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	138052	52.237	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.480%		
35) Dibromofluoromethane	5.379	113	112981	50.545	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.100%		
50) Toluene-d8	8.635	98	383784	49.620	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.240%		
62) 4-Bromofluorobenzene	11.061	95	164789	56.139	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 112.280%		
Target Compounds						
					Qvalue	
30) Chloroform	5.093	83	4749	1.121	ug/l	94
47) Bromodichloromethane	7.812	83	11514	3.018	ug/l	99
60) Dibromochloromethane	9.506	129	21403	7.882	ug/l	99
71) Bromoform	10.787	173	13756	6.829	ug/l #	93

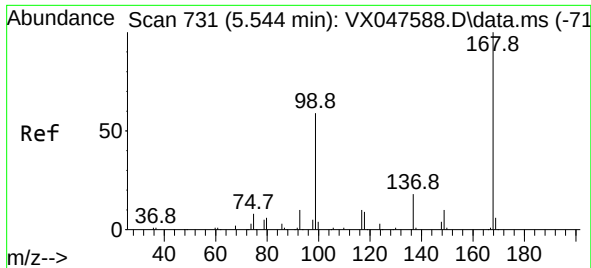
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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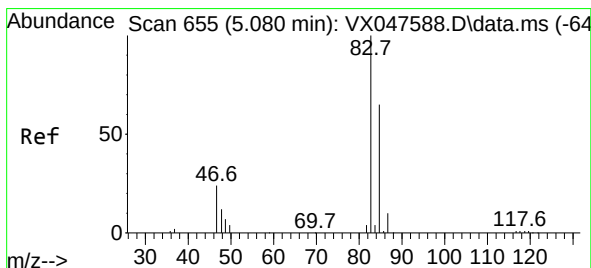
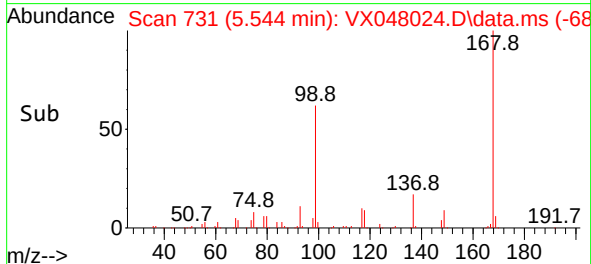
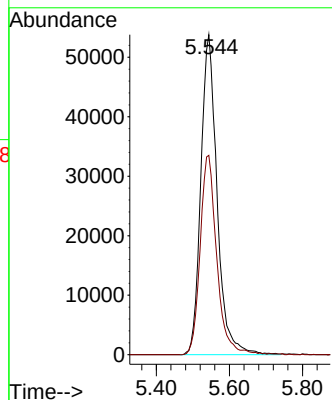
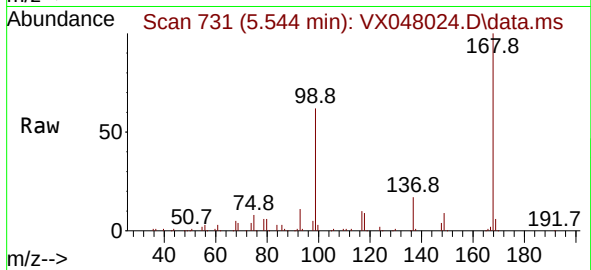




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048024.D
Acq: 06 Oct 2025 15:10

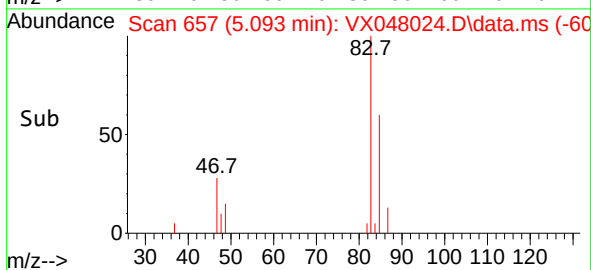
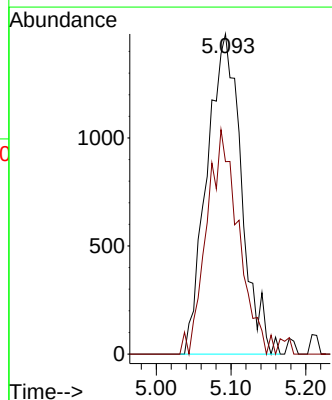
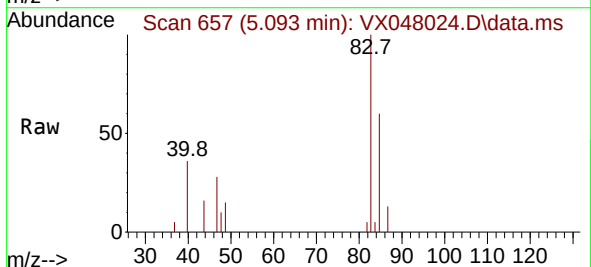
Instrument :
MSVOA_X
ClientSampleId :
266380

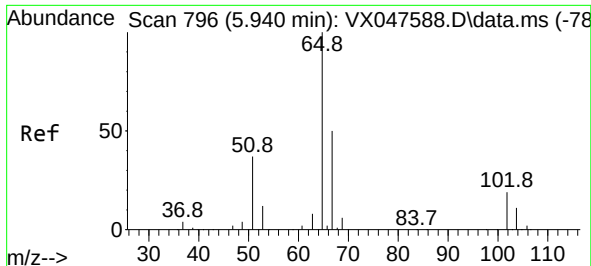
Tgt Ion:168 Resp: 166031
Ion Ratio Lower Upper
168 100
99 62.3 48.8 73.2



#30
Chloroform
Concen: 1.121 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.012 min
Lab File: VX048024.D
Acq: 06 Oct 2025 15:10

Tgt Ion: 83 Resp: 4749
Ion Ratio Lower Upper
83 100
85 60.1 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: 52.237 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048024.D

Acq: 06 Oct 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

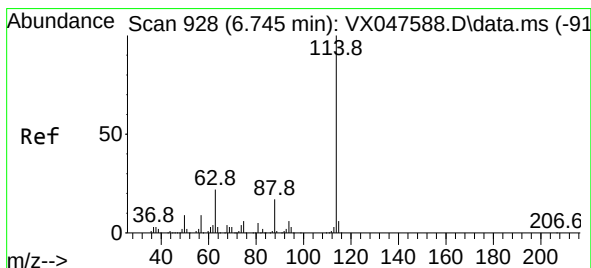
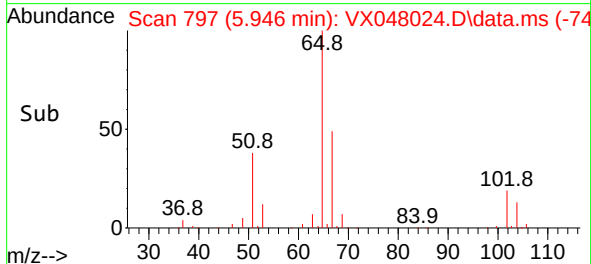
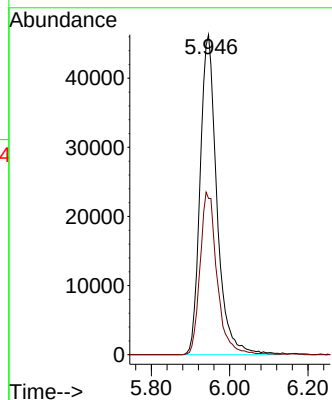
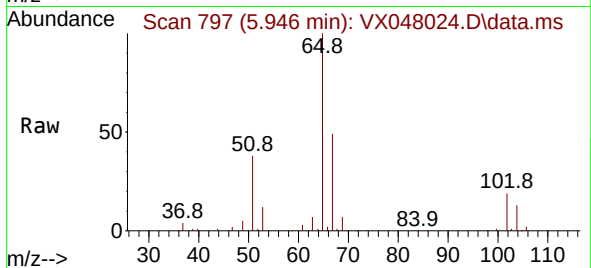
266380

Tgt Ion: 65 Resp: 138052

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048024.D

Acq: 06 Oct 2025 15:10

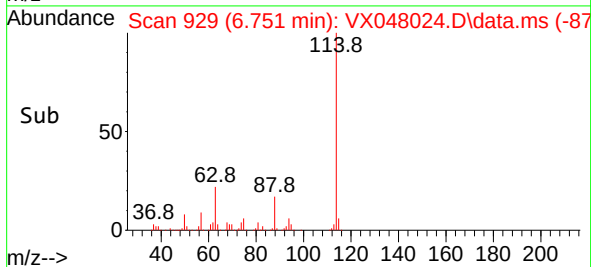
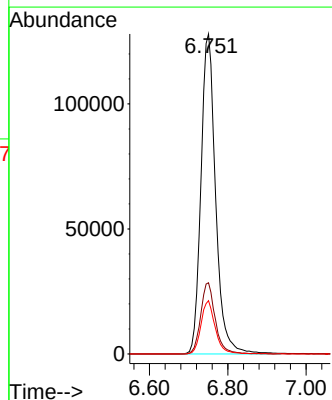
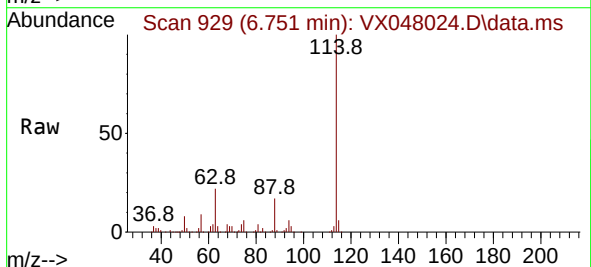
Tgt Ion: 114 Resp: 333294

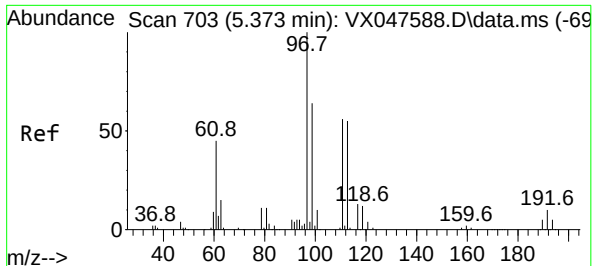
Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.0

88 16.7 0.0 34.2

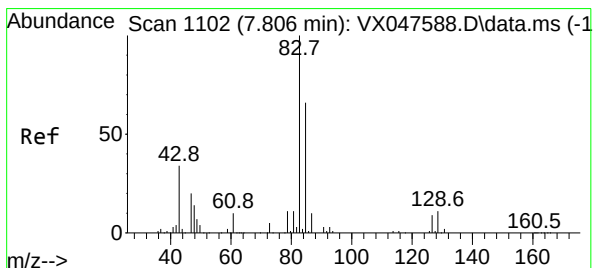
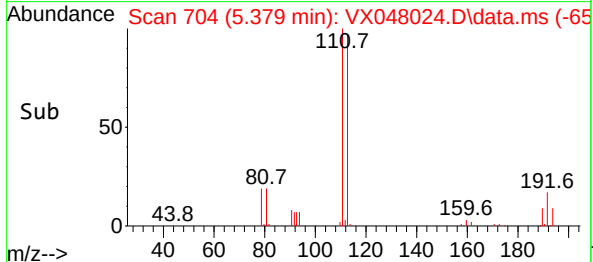
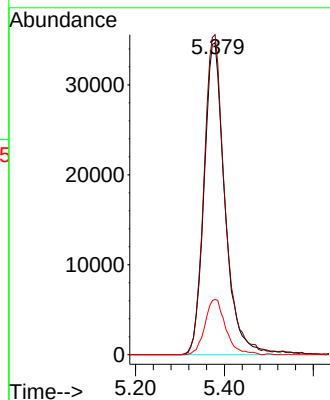
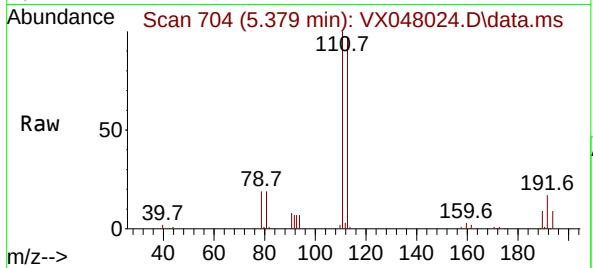




#35
Dibromofluoromethane
Concen: 50.545 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048024.D
Acq: 06 Oct 2025 15:10

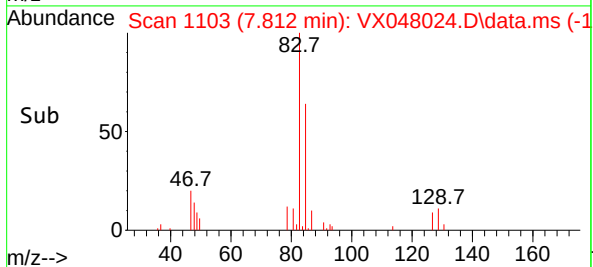
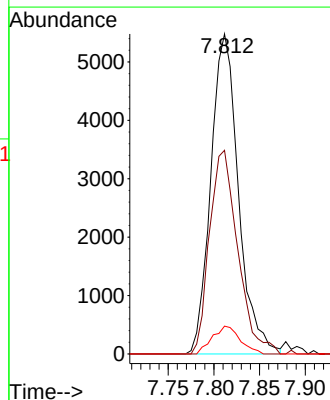
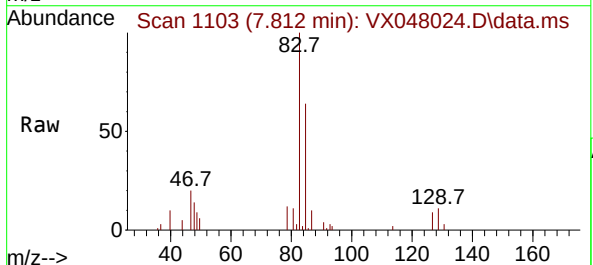
Instrument :
MSVOA_X
ClientSampleId :
266380

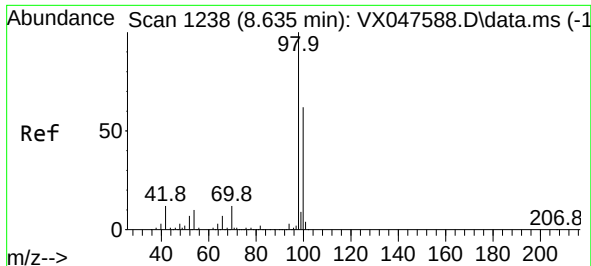
Tgt Ion:113 Resp: 112981
Ion Ratio Lower Upper
113 100
111 103.3 80.9 121.3
192 17.7 14.2 21.4



#47
Bromodichloromethane
Concen: 3.018 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VX048024.D
Acq: 06 Oct 2025 15:10

Tgt Ion: 83 Resp: 11514
Ion Ratio Lower Upper
83 100
85 64.7 52.5 78.7
127 8.7 6.9 10.3

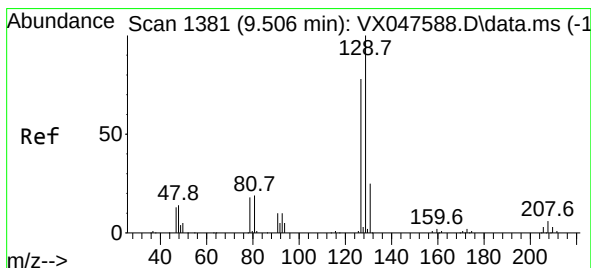
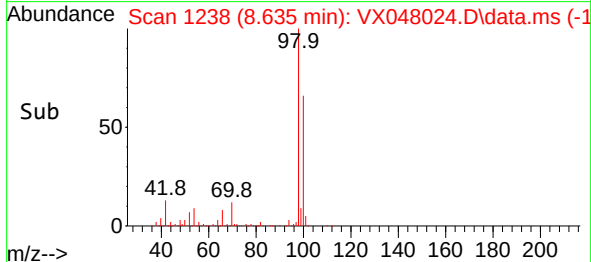
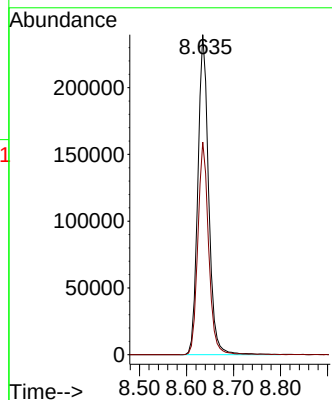
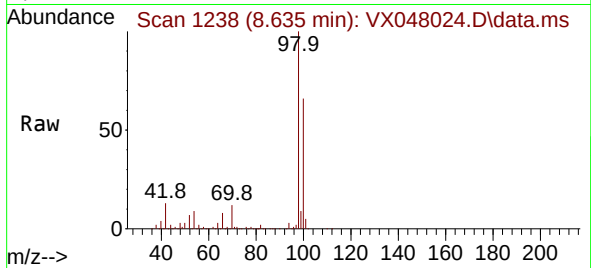




#50
Toluene-d8
Concen: 49.620 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048024.D
Acq: 06 Oct 2025 15:10

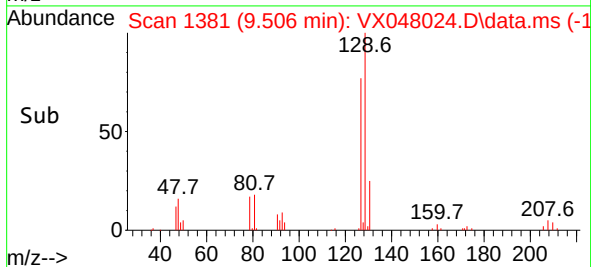
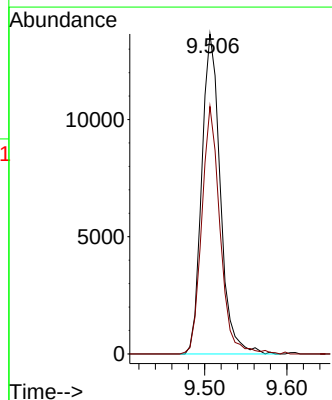
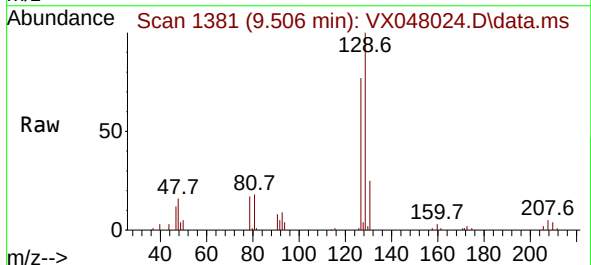
Instrument :
MSVOA_X
ClientSampleId :
266380

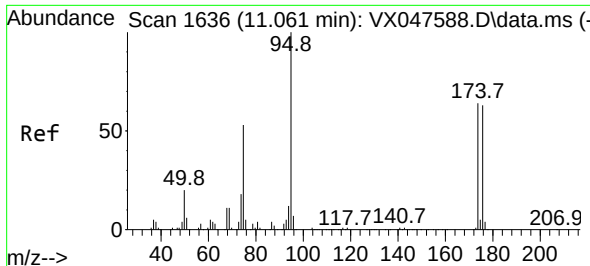
Tgt Ion: 98 Resp: 383784
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#60
Dibromochloromethane
Concen: 7.882 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048024.D
Acq: 06 Oct 2025 15:10

Tgt Ion:129 Resp: 21403
Ion Ratio Lower Upper
129 100
127 76.2 38.4 115.2

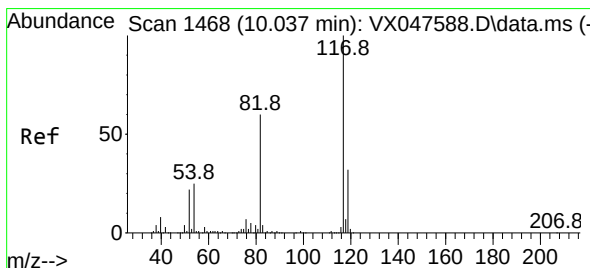
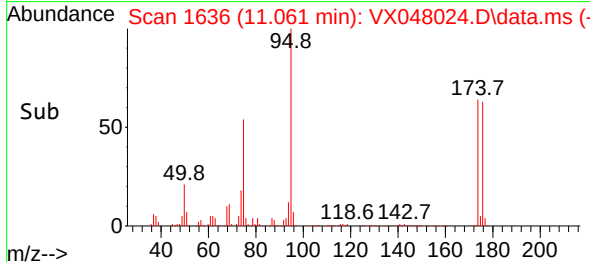
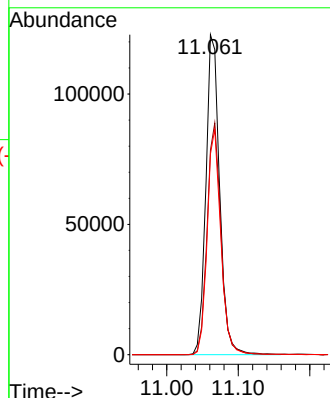
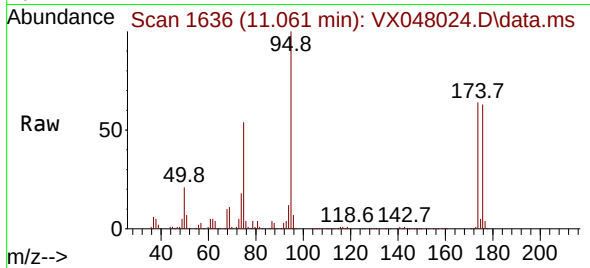




#62
4-Bromofluorobenzene
Concen: 56.139 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048024.D
Acq: 06 Oct 2025 15:10

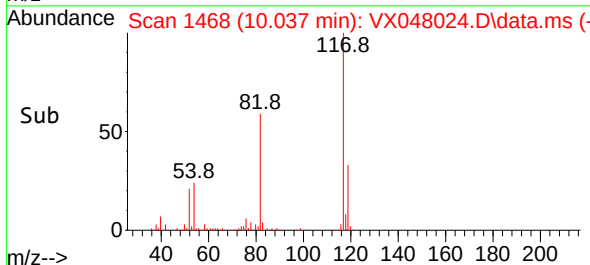
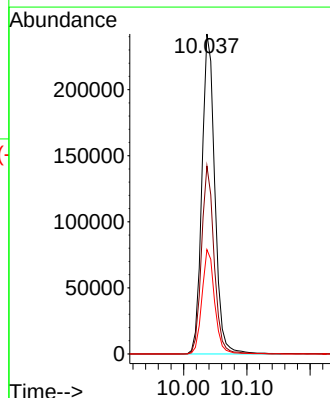
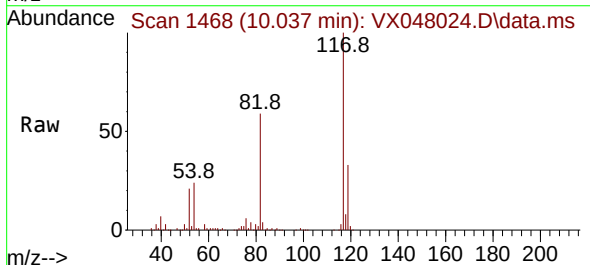
Instrument :
MSVOA_X
ClientSampleId :
266380

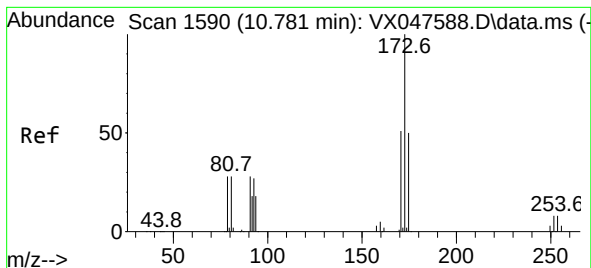
Tgt Ion: 95 Resp: 164789
Ion Ratio Lower Upper
95 100
174 72.9 0.0 141.6
176 69.5 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048024.D
Acq: 06 Oct 2025 15:10

Tgt Ion: 117 Resp: 344096
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.6
119 32.6 25.2 37.8





#71

Bromoform

Concen: 6.829 ug/l

RT: 10.787 min Scan# 1590

Delta R.T. 0.006 min

Lab File: VX048024.D

Acq: 06 Oct 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

266380

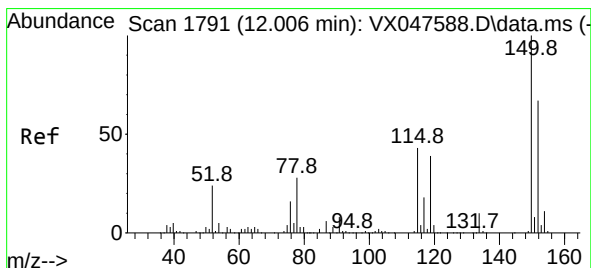
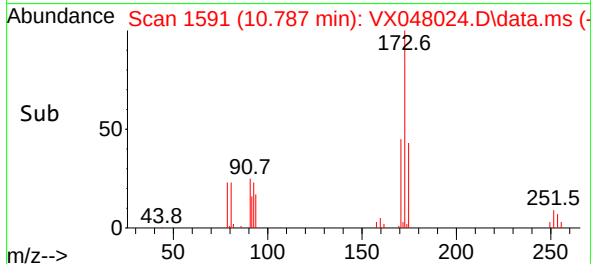
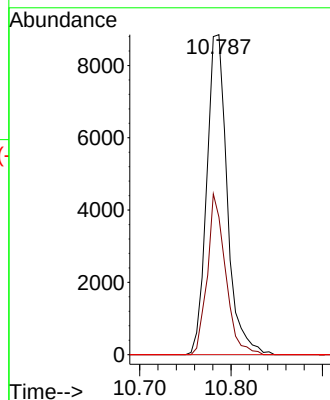
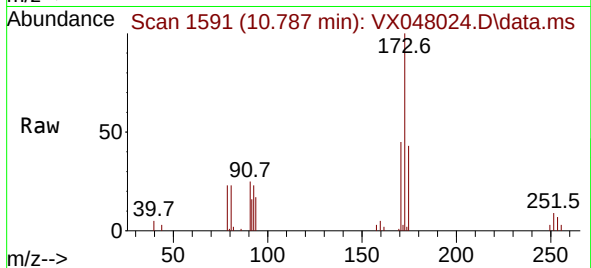
Tgt Ion:173 Resp: 13756

Ion Ratio Lower Upper

173 100

175 44.7 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# 1791

Delta R.T. -0.000 min

Lab File: VX048024.D

Acq: 06 Oct 2025 15:10

Tgt Ion:152 Resp: 172196

Ion Ratio Lower Upper

152 100

115 62.5 44.9 134.5

150 155.2 0.0 352.0

