

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
 Data File : VX048438.D
 Acq On : 31 Oct 2025 17:12
 Operator : JC/MD
 Sample : Q3508-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Oct 31 23:08:50 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)

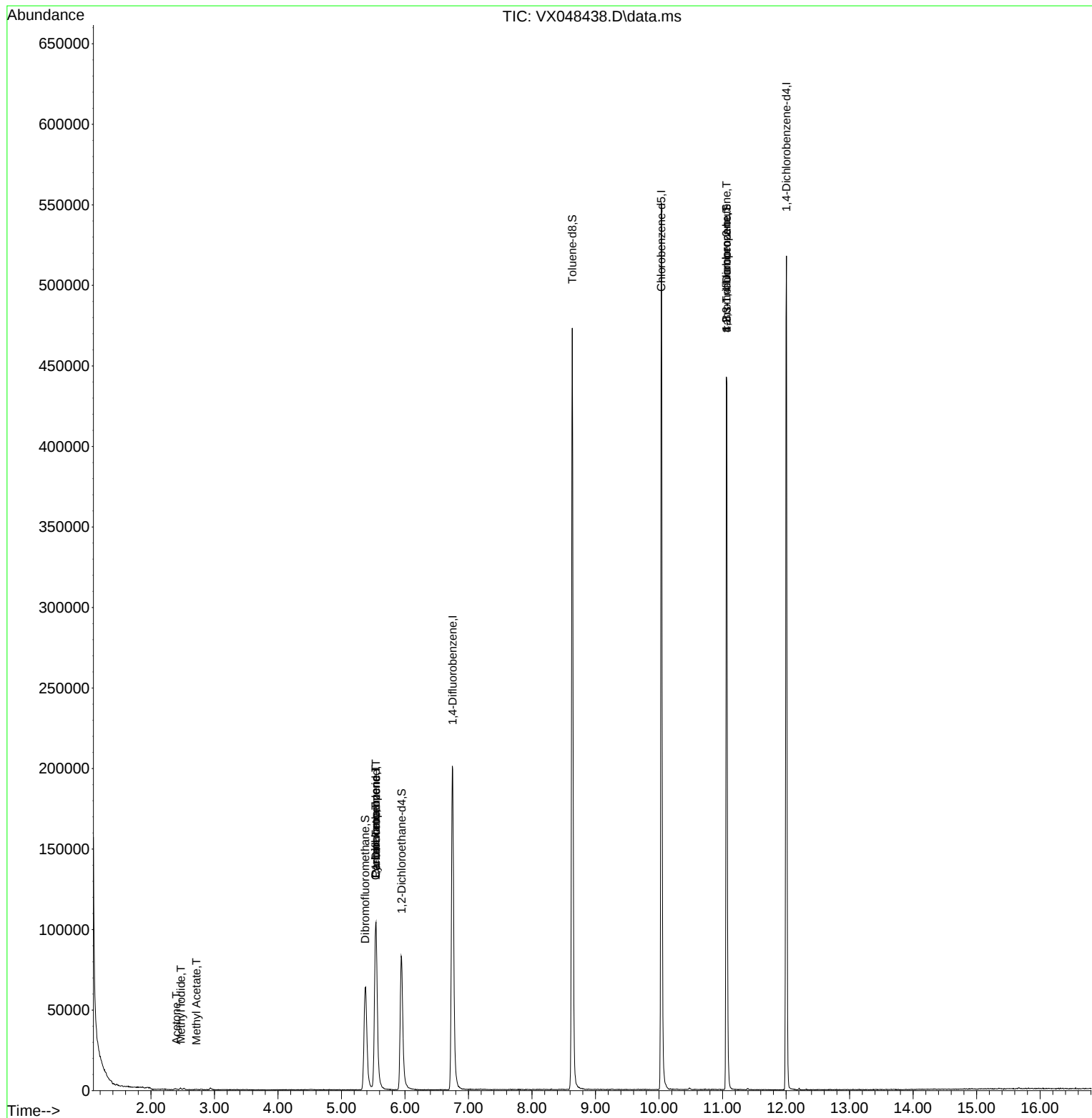
Internal Standards						
1) Pentafluorobenzene	5.544	168	113998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	232735	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	258732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	118147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	92438	56.383	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.760%	
35) Dibromofluoromethane	5.373	113	66728	50.288	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.580%	
50) Toluene-d8	8.635	98	296613	50.640	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.280%	
62) 4-Bromofluorobenzene	11.061	95	133173	60.779	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 121.560%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.471	142	1136	0.216	ug/l #	92
16) Acetone	2.398	43	1037	2.791	ug/l #	45
18) Methyl Acetate	2.715	43	485	0.390	ug/l #	54
31) Cyclohexane	5.538	56	1588	0.701	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	8232	3.694	ug/l #	50
38) Carbon Tetrachloride	5.544	117	11262	4.377	ug/l #	18
76) 1,2,3-Trichloropropane	11.061	75	66277	39.007	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.061	75	66277	134.988	ug/l #	10

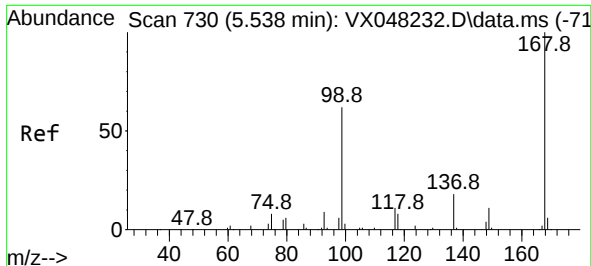
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
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Quant Time: Oct 31 23:08:50 2025
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Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

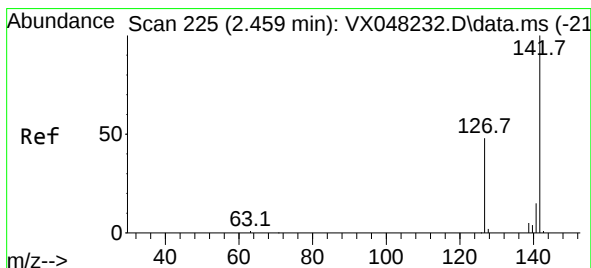
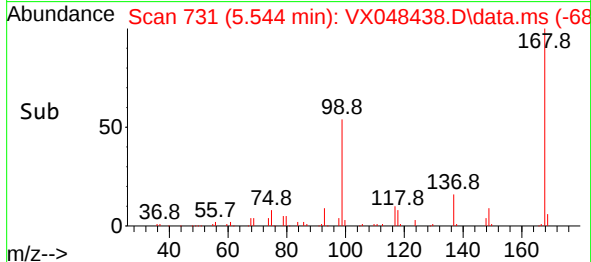
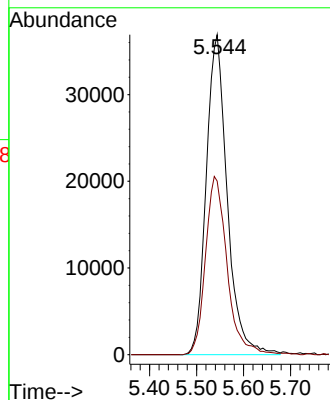
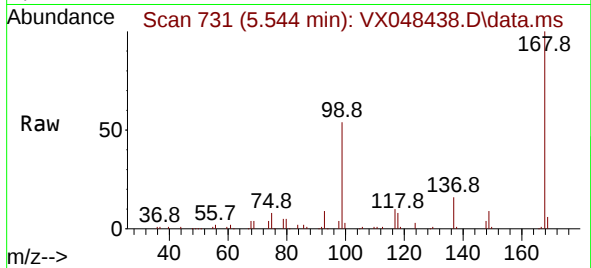




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX048438.D
Acq: 31 Oct 2025 17:12

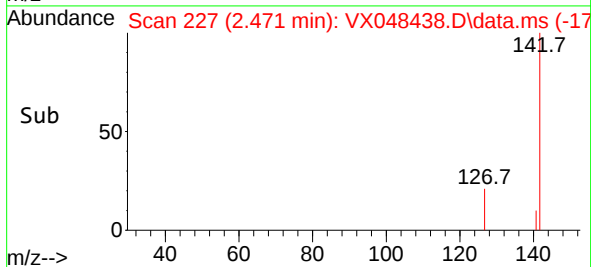
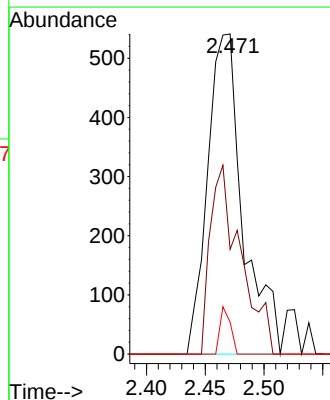
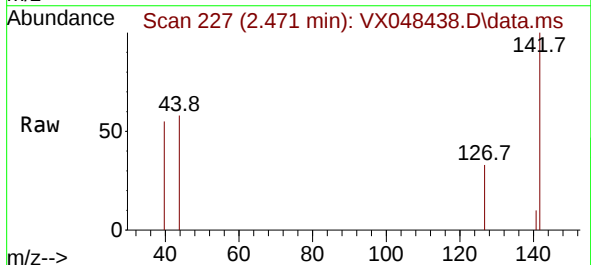
Instrument :
MSVOA_X
ClientSampleId :
TB

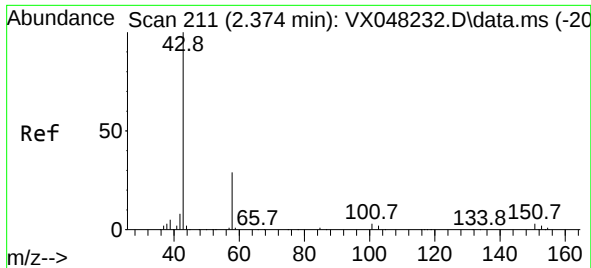
Tgt Ion:168 Resp: 113998
Ion Ratio Lower Upper
168 100
99 54.3 46.4 69.6



#10
Methyl Iodide
Concen: 0.216 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.012 min
Lab File: VX048438.D
Acq: 31 Oct 2025 17:12

Tgt Ion:142 Resp: 1136
Ion Ratio Lower Upper
142 100
127 50.3 38.5 57.7
141 4.3 11.6 17.4#

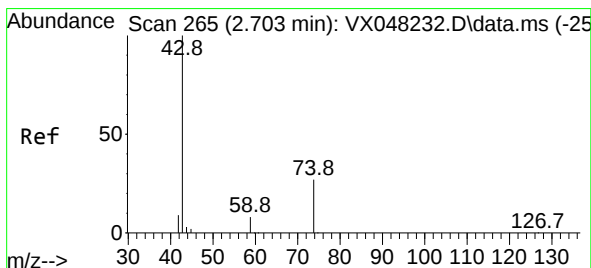
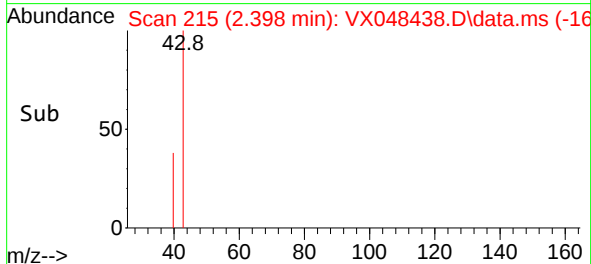
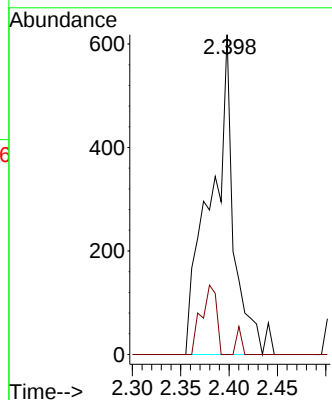
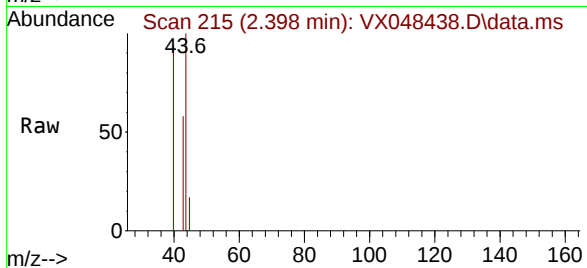




#16
Acetone
Concen: 2.791 ug/l
RT: 2.398 min Scan# 211
Delta R.T. 0.025 min
Lab File: VX048438.D
Acq: 31 Oct 2025 17:12

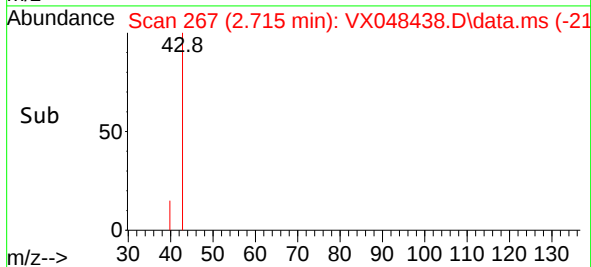
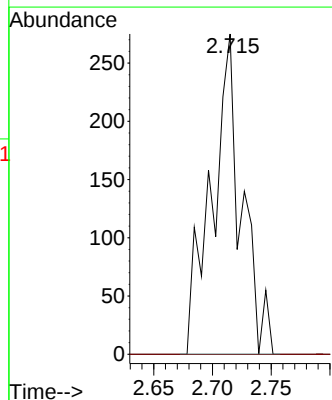
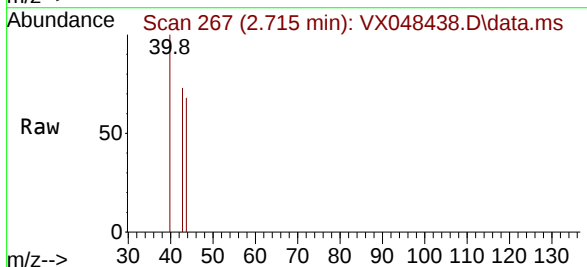
Instrument :
MSVOA_X
ClientSampleId :
TB

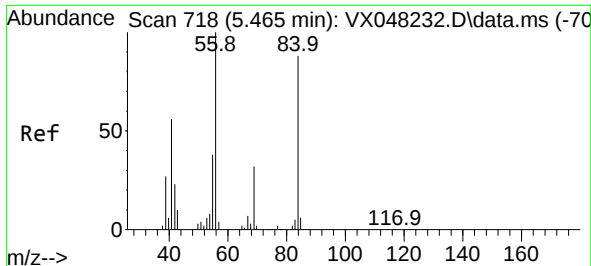
Tgt Ion: 43 Resp: 1037
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.2#



#18
Methyl Acetate
Concen: 0.390 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.018 min
Lab File: VX048438.D
Acq: 31 Oct 2025 17:12

Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#

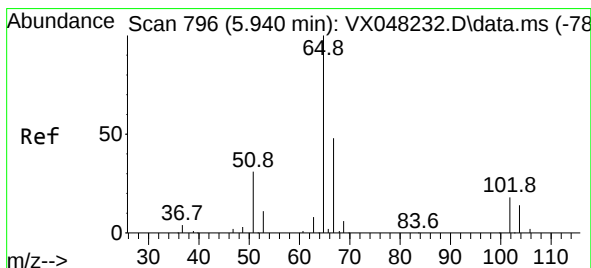
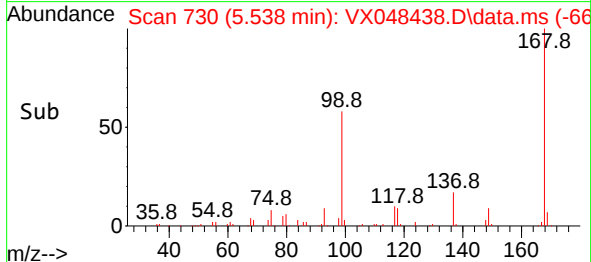
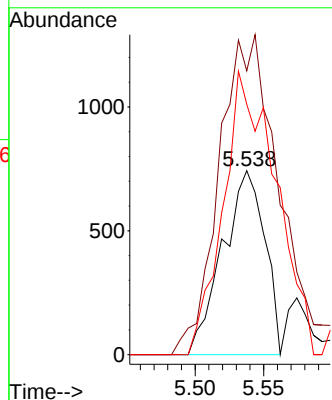
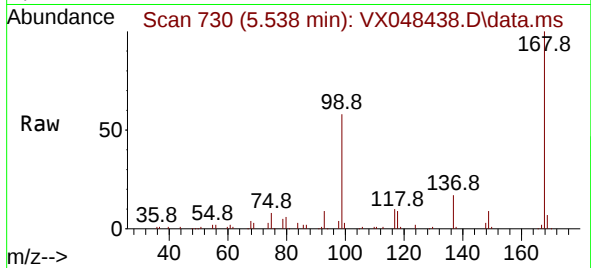




#31
Cyclohexane
Concen: 0.701 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX048438.D
Acq: 31 Oct 2025 17:12

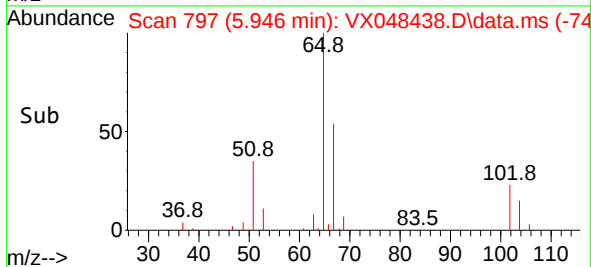
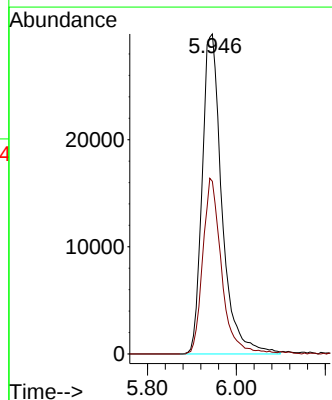
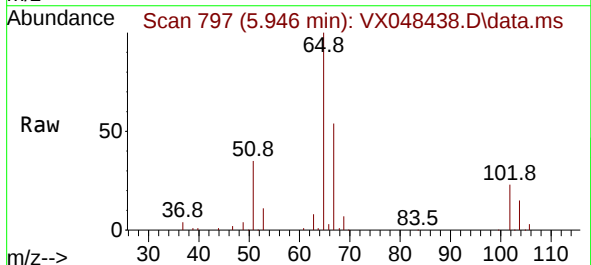
Instrument :
MSVOA_X
ClientSampleId :
TB

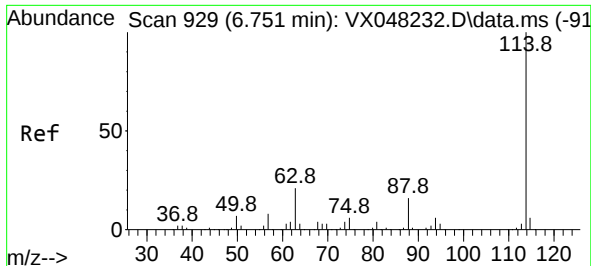
Tgt Ion: 56 Resp: 1588
Ion Ratio Lower Upper
56 100
69 146.4 23.0 34.6#
84 136.1 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 56.383 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048438.D
Acq: 31 Oct 2025 17:12

Tgt Ion: 65 Resp: 92438
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.0

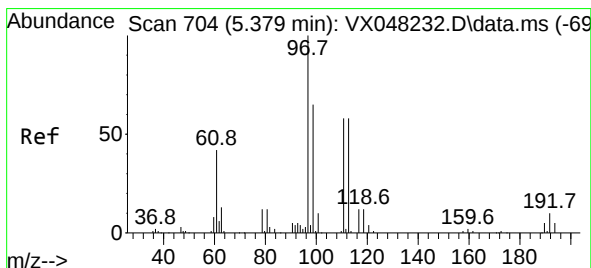
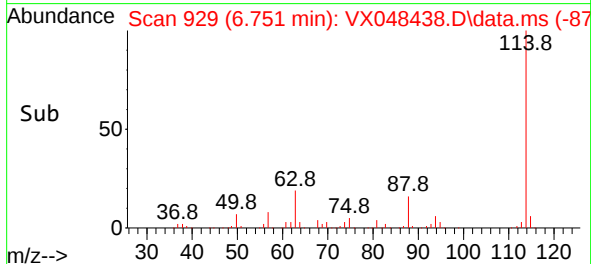
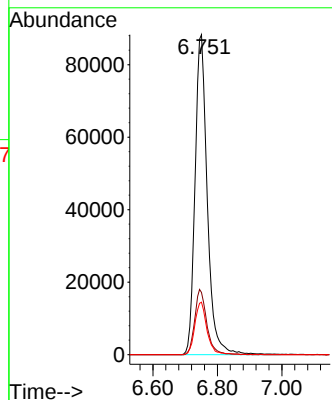
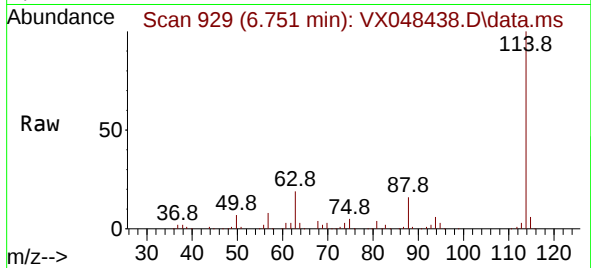




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048438.D
Acq: 31 Oct 2025 17:12

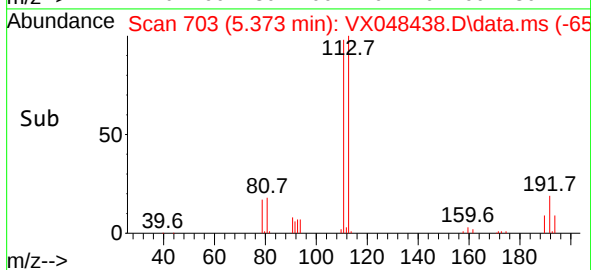
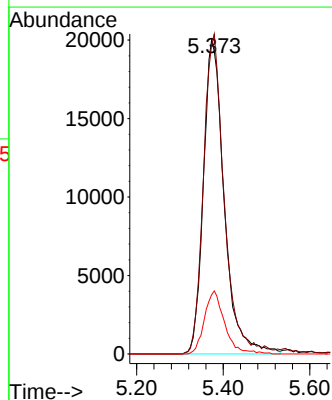
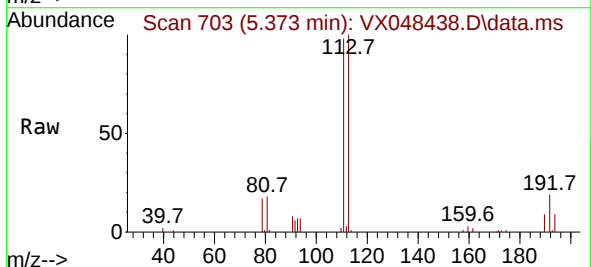
Instrument :
MSVOA_X
ClientSampleId :
TB

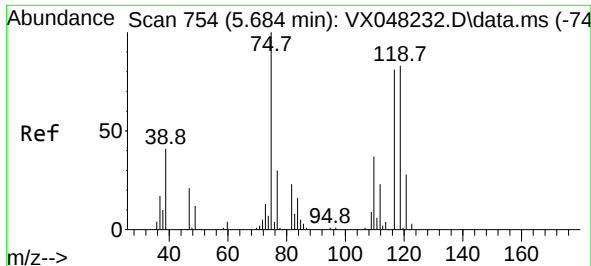
Tgt Ion:114 Resp: 232735
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.2
88 16.4 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.288 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048438.D
Acq: 31 Oct 2025 17:12

Tgt Ion:113 Resp: 66728
Ion Ratio Lower Upper
113 100
111 100.6 82.2 123.4
192 19.5 15.1 22.7





#36

1,1-Dichloropropene

Concen: 3.694 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX048438.D

Acq: 31 Oct 2025 17:12

Instrument :

MSVOA_X

ClientSampleId :

TB

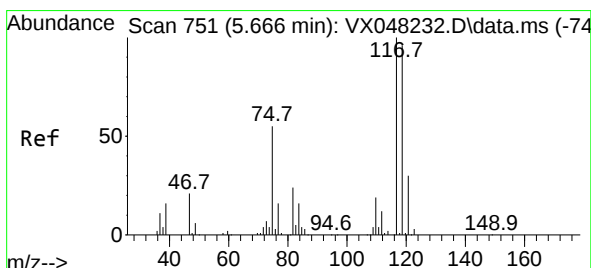
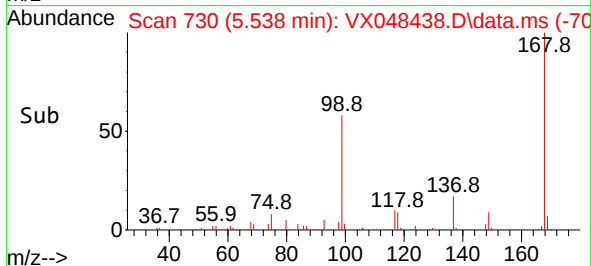
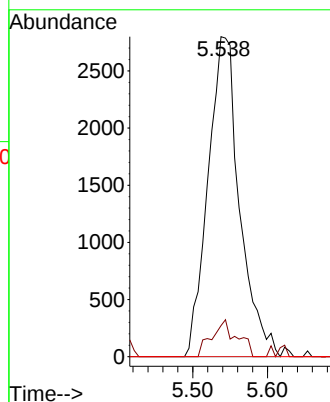
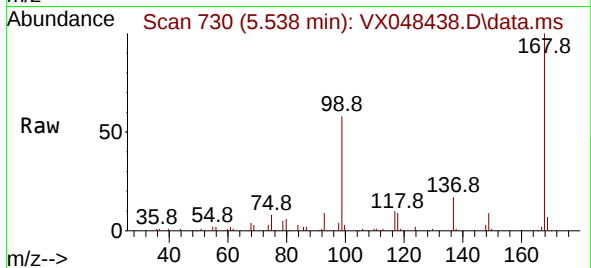
Tgt Ion: 75 Resp: 8232

Ion Ratio Lower Upper

75 100

110 9.2 17.7 53.1#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 4.377 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.122 min

Lab File: VX048438.D

Acq: 31 Oct 2025 17:12

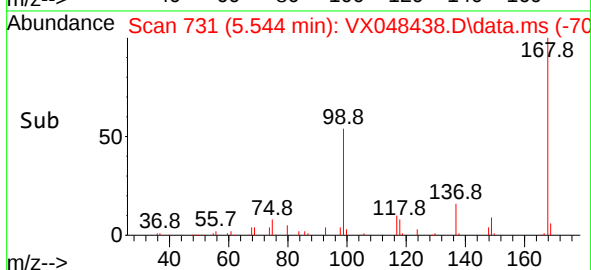
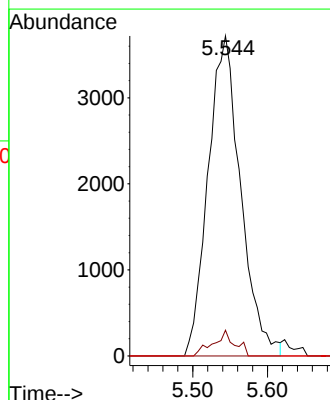
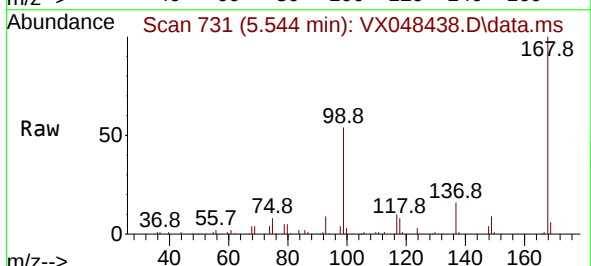
Tgt Ion: 117 Resp: 11262

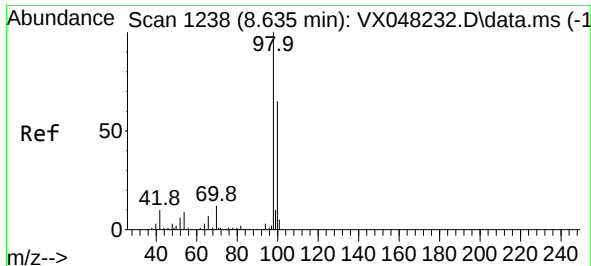
Ion Ratio Lower Upper

117 100

119 8.0 77.2 115.8#

121 0.0 24.8 37.2#

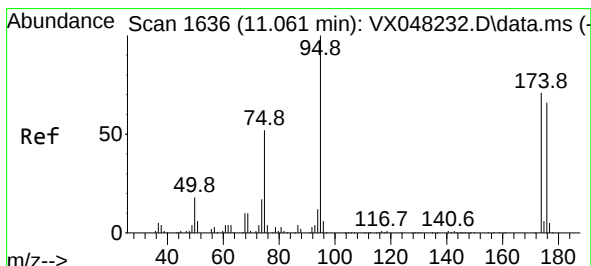
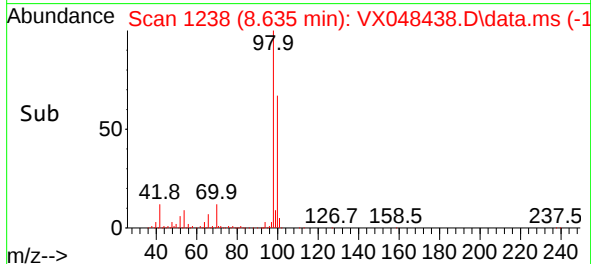
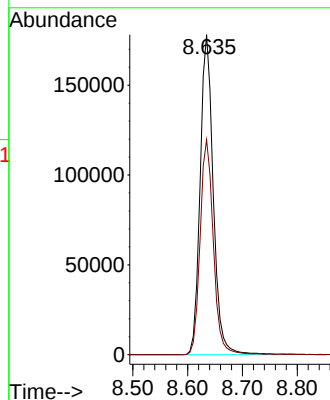
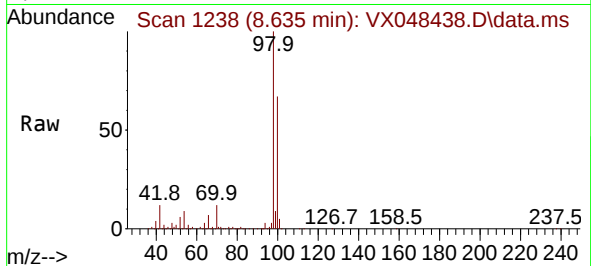




#50
Toluene-d8
Concen: 50.640 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048438.D
Acq: 31 Oct 2025 17:12

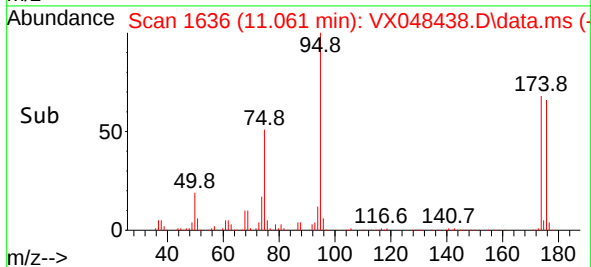
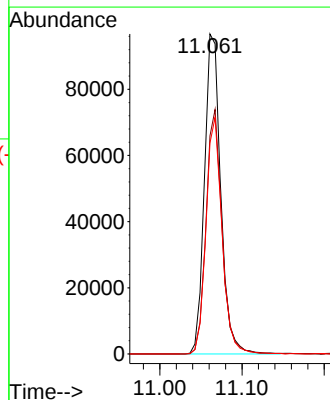
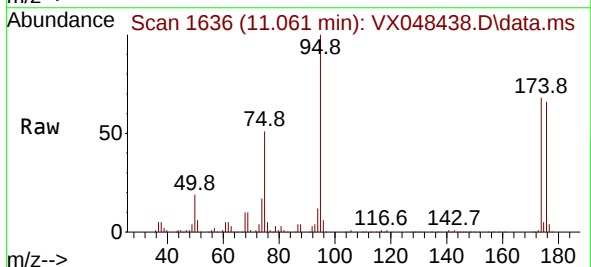
Instrument :
MSVOA_X
ClientSampleId :
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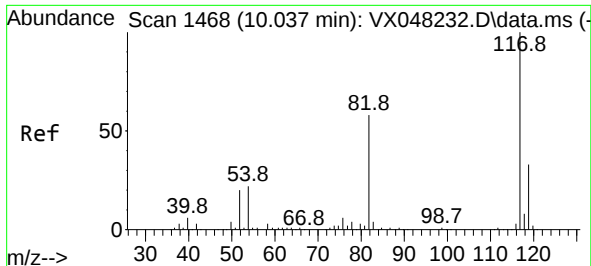
Tgt Ion: 98 Resp: 296613
Ion Ratio Lower Upper
98 100
100 67.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 60.779 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048438.D
Acq: 31 Oct 2025 17:12

Tgt Ion: 95 Resp: 133173
Ion Ratio Lower Upper
95 100
174 75.2 0.0 147.8
176 72.6 0.0 142.8

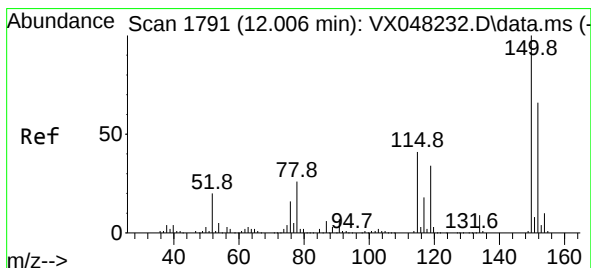
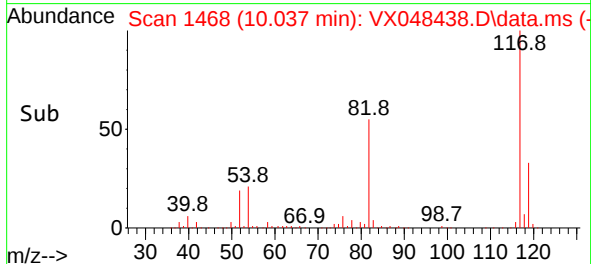
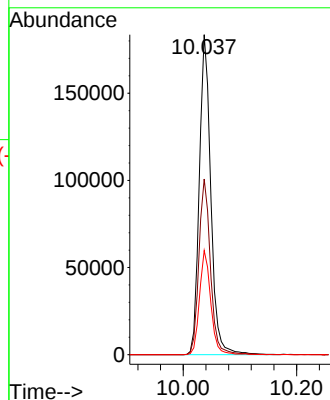
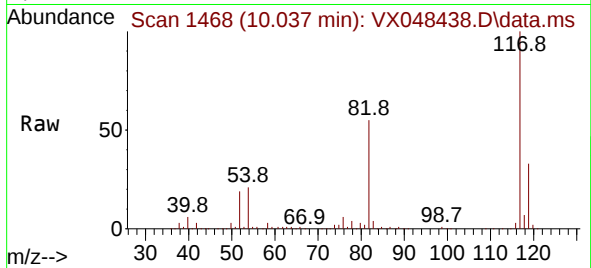




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048438.D
Acq: 31 Oct 2025 17:12

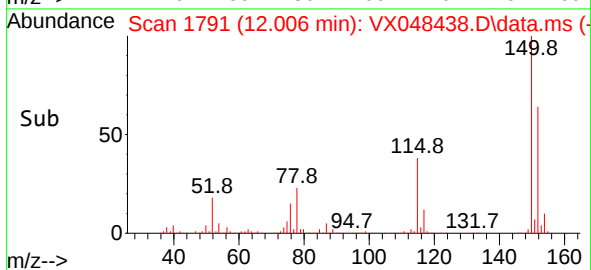
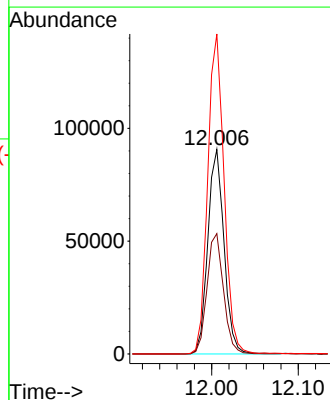
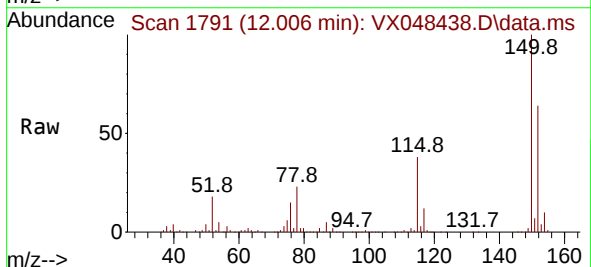
Instrument :
MSVOA_X
ClientSampleId :
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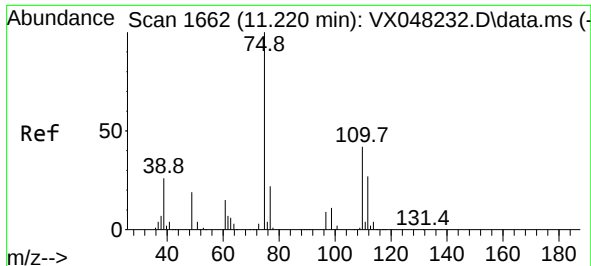
Tgt Ion:117 Resp: 258732
Ion Ratio Lower Upper
117 100
82 54.9 46.5 69.7
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048438.D
Acq: 31 Oct 2025 17:12

Tgt Ion:152 Resp: 118147
Ion Ratio Lower Upper
152 100
115 59.8 43.1 129.4
150 157.8 0.0 353.0

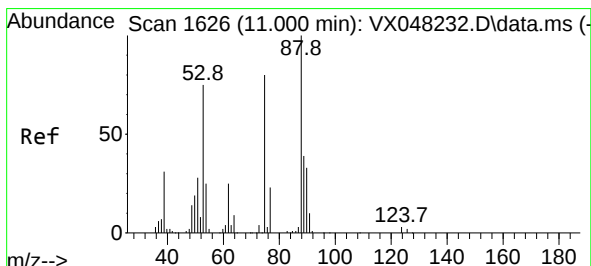
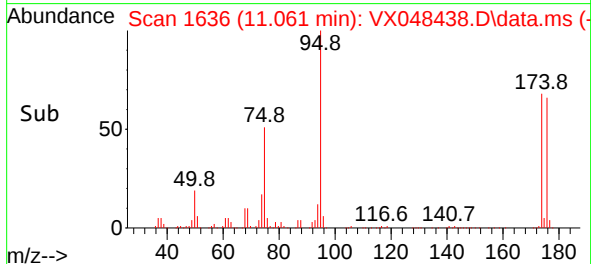
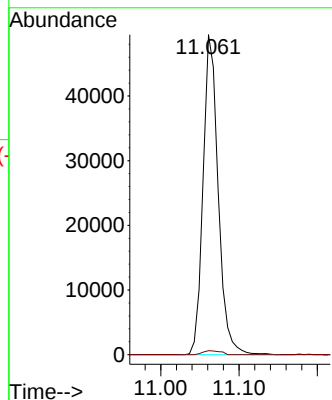
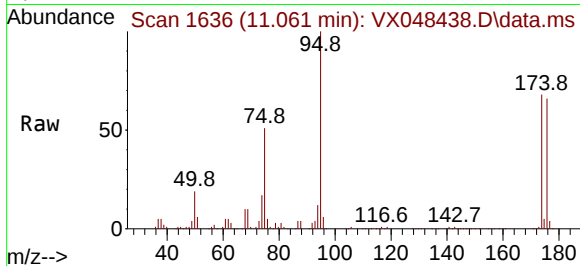




#76
1,2,3-Trichloropropane
Concen: 39.007 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.158 min
Lab File: VX048438.D
Acq: 31 Oct 2025 17:12

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 75 Resp: 66277
Ion Ratio Lower Upper
75 100
77 1.5 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.988 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048438.D
Acq: 31 Oct 2025 17:12

Tgt Ion: 75 Resp: 66277
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 36.8 55.2#

