

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
 Data File : VX048426.D
 Acq On : 31 Oct 2025 13:04
 Operator : JC/MD
 Sample : Q3494-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Field

Quant Time: Oct 31 23:04:21 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)

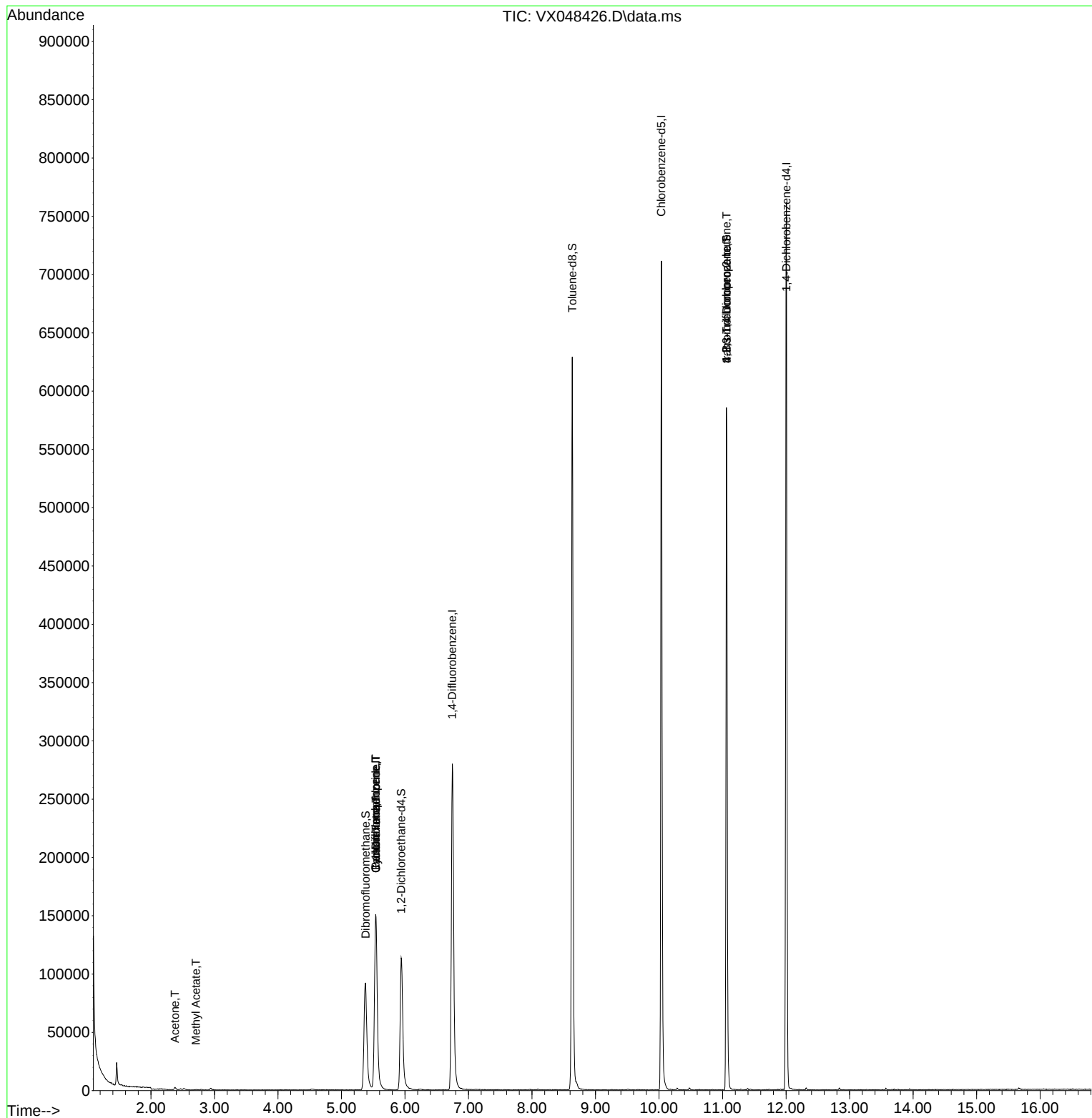
Internal Standards						
1) Pentafluorobenzene	5.538	168	158807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	321644	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	335954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	168431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	124876	54.677	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.360%	
35) Dibromofluoromethane	5.379	113	93588	51.035	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.060%	
50) Toluene-d8	8.635	98	389545	48.122	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.240%	
62) 4-Bromofluorobenzene	11.061	95	172045	56.815	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.640%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2769	5.349	ug/l #	86
18) Methyl Acetate	2.709	43	457	0.264	ug/l #	73
31) Cyclohexane	5.544	56	3076	0.975	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	12391	4.024	ug/l #	50
38) Carbon Tetrachloride	5.544	117	16686	4.693	ug/l #	16
76) 1,2,3-Trichloropropane	11.061	75	87892	36.285	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	87892	125.569	ug/l #	10

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
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QLast Update : Thu Oct 30 02:37:17 2025
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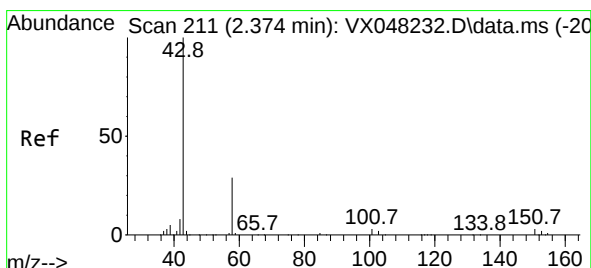
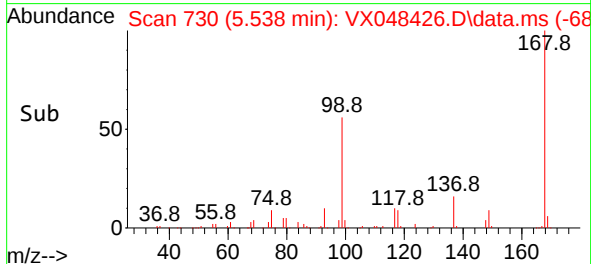
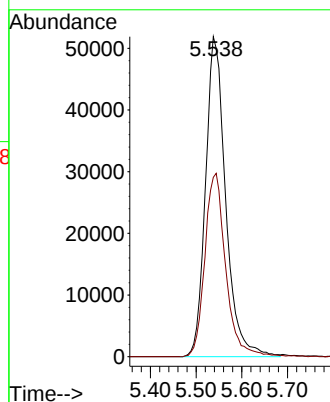
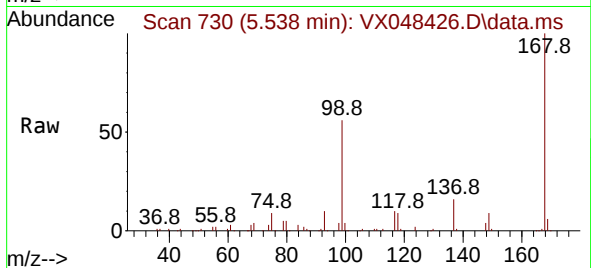




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX048426.D
Acq: 31 Oct 2025 13:04

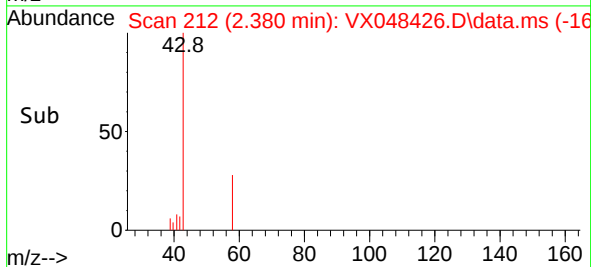
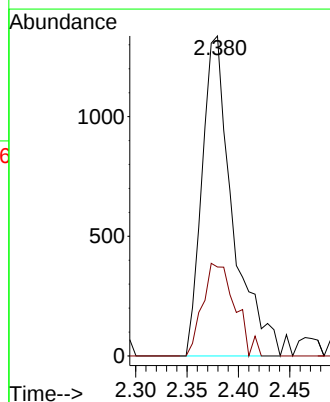
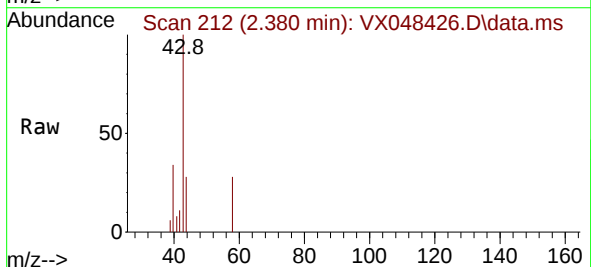
Instrument :
MSVOA_X
ClientSampleId :
Field

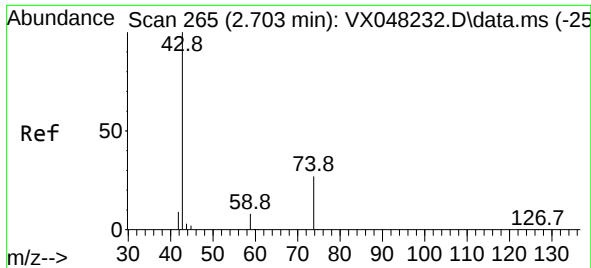
Tgt Ion:168 Resp: 158807
Ion Ratio Lower Upper
168 100
99 56.1 46.4 69.6



#16
Acetone
Concen: 5.349 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048426.D
Acq: 31 Oct 2025 13:04

Tgt Ion: 43 Resp: 2769
Ion Ratio Lower Upper
43 100
58 21.7 23.4 35.2#

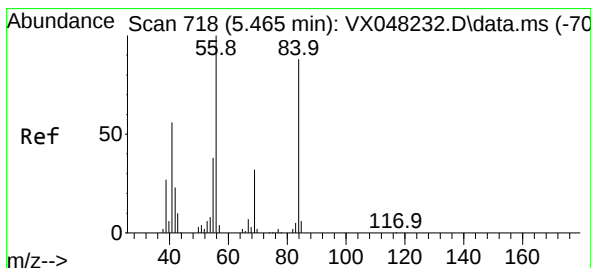
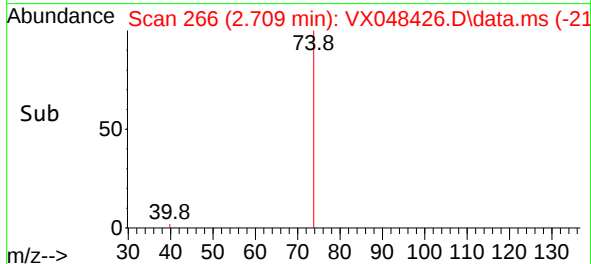
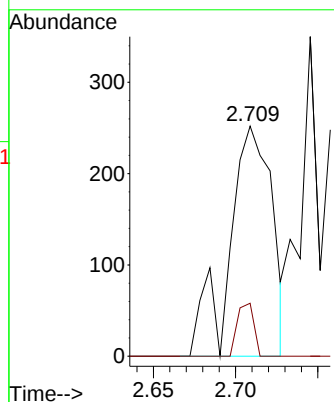
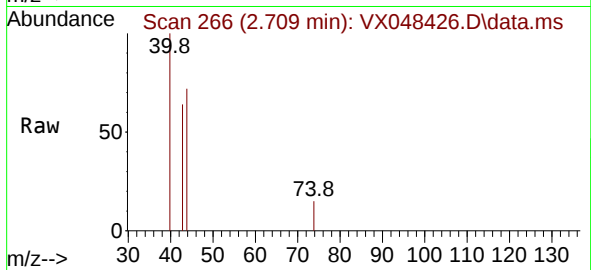




#18
Methyl Acetate
Concen: 0.264 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX048426.D
Acq: 31 Oct 2025 13:04

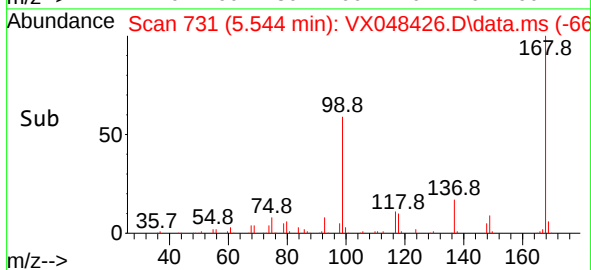
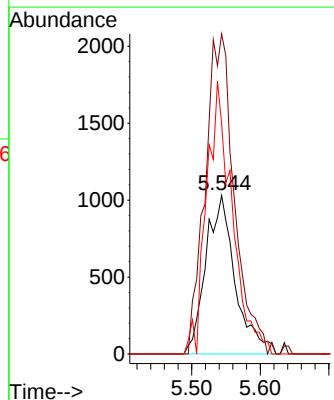
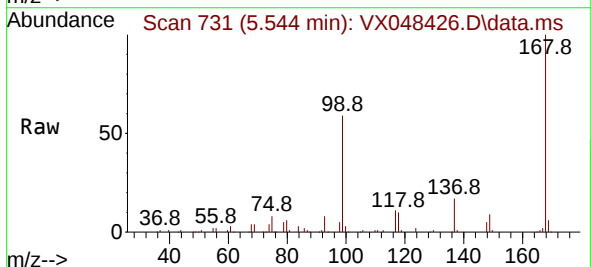
Instrument :
MSVOA_X
ClientSampleId :
Field

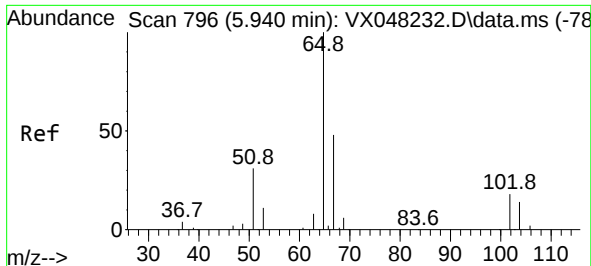
Tgt Ion: 43 Resp: 457
Ion Ratio Lower Upper
43 100
74 9.0 17.5 26.3#



#31
Cyclohexane
Concen: 0.975 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX048426.D
Acq: 31 Oct 2025 13:04

Tgt Ion: 56 Resp: 3076
Ion Ratio Lower Upper
56 100
69 201.7 23.0 34.6#
84 145.1 64.6 97.0#

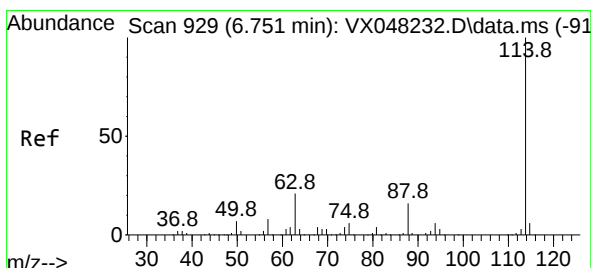
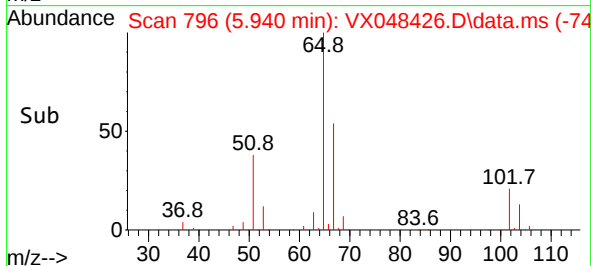
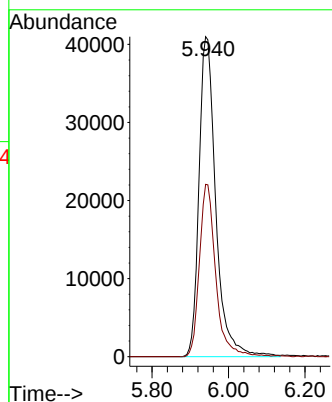
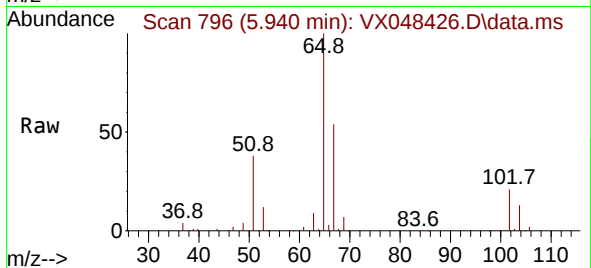




#33
 1,2-Dichloroethane-d4
 Concen: 54.677 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048426.D
 Acq: 31 Oct 2025 13:04

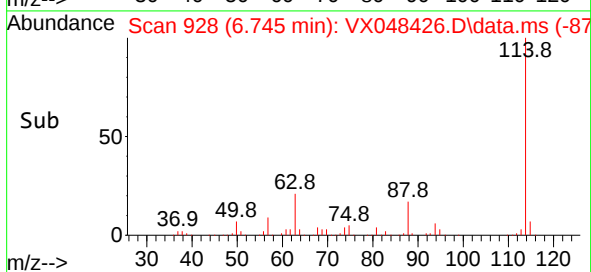
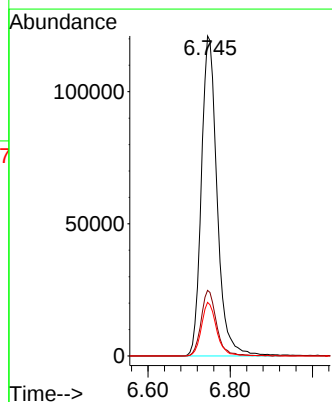
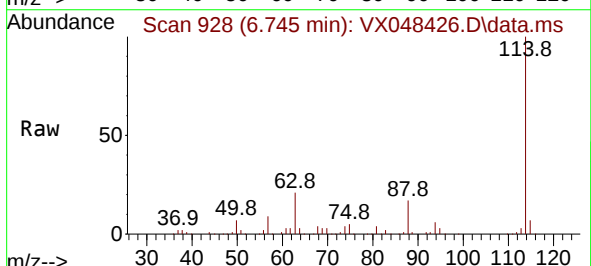
Instrument :
 MSVOA_X
 ClientSampleId :
 Field

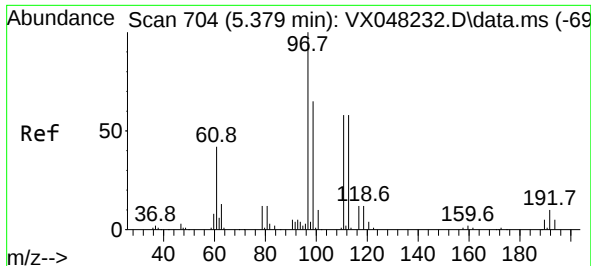
Tgt Ion: 65 Resp: 124876
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. 0.000 min
 Lab File: VX048426.D
 Acq: 31 Oct 2025 13:04

Tgt Ion: 114 Resp: 321644
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.2
 88 16.7 0.0 33.6

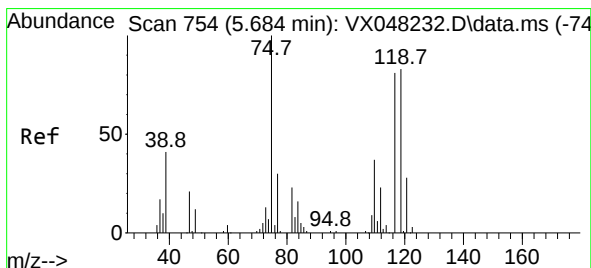
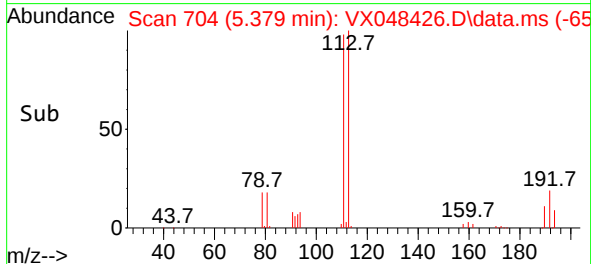
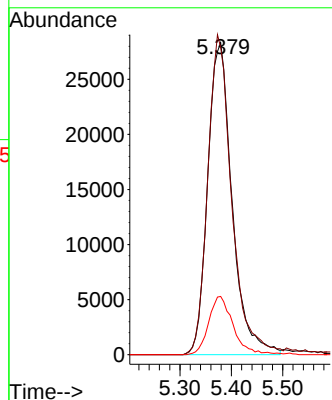
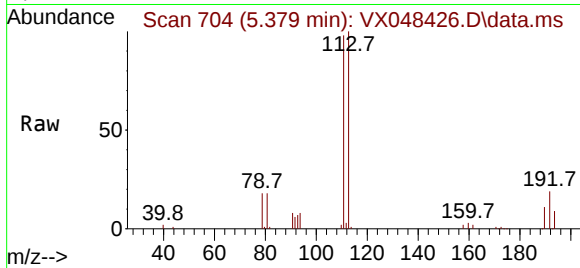




#35
Dibromofluoromethane
Concen: 51.035 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048426.D
Acq: 31 Oct 2025 13:04

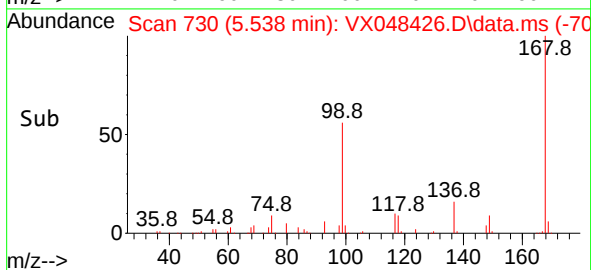
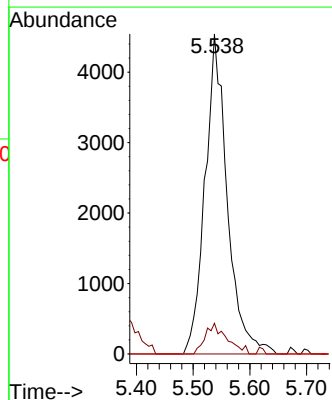
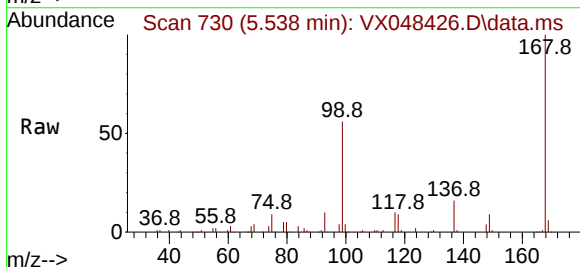
Instrument :
MSVOA_X
ClientSampleId :
Field

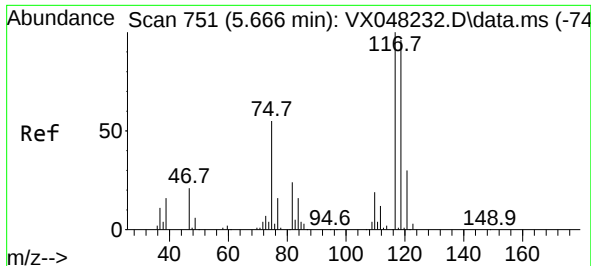
Tgt Ion:113 Resp: 93588
Ion Ratio Lower Upper
113 100
111 100.6 82.2 123.4
192 18.8 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.024 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX048426.D
Acq: 31 Oct 2025 13:04

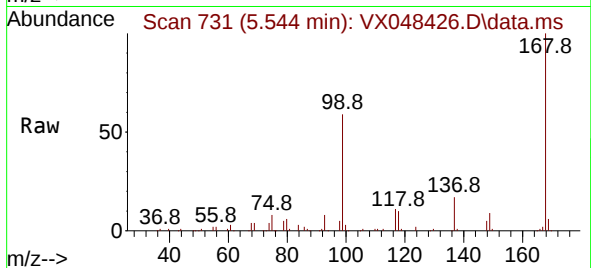
Tgt Ion: 75 Resp: 12391
Ion Ratio Lower Upper
75 100
110 9.3 17.7 53.1#
77 0.0 24.3 36.5#



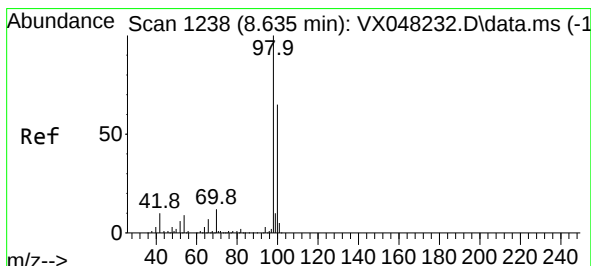
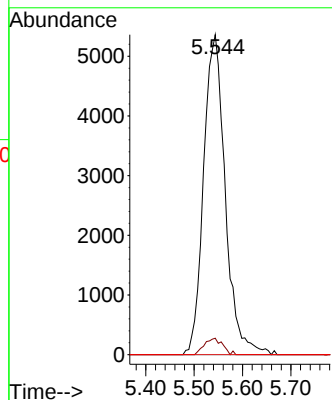
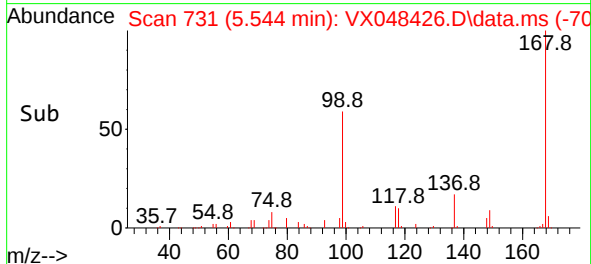


#38
Carbon Tetrachloride
Concen: 4.693 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX048426.D
Acq: 31 Oct 2025 13:04

Instrument :
MSVOA_X
ClientSampleId :
Field

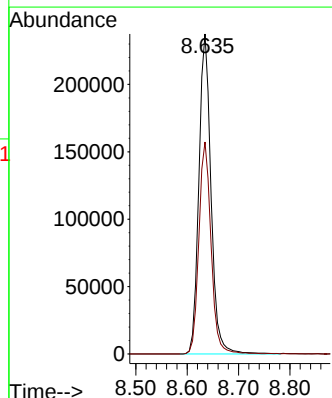
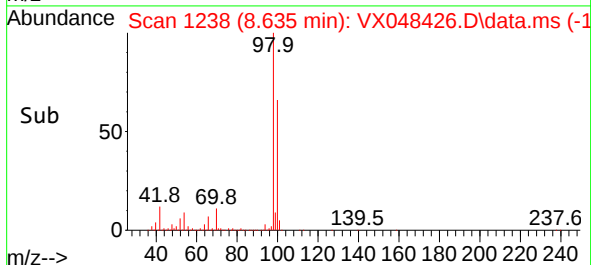
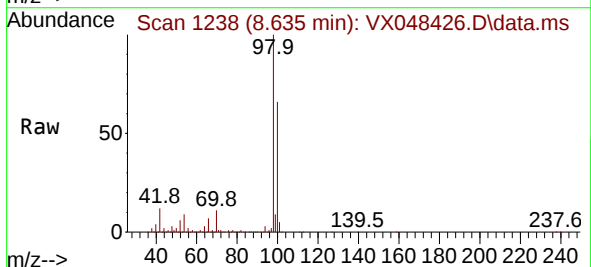


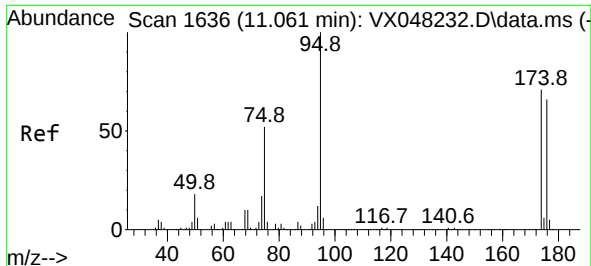
Tgt Ion:117 Resp: 16686
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.122 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048426.D
Acq: 31 Oct 2025 13:04

Tgt Ion: 98 Resp: 389545
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 56.815 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048426.D

Acq: 31 Oct 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

Field

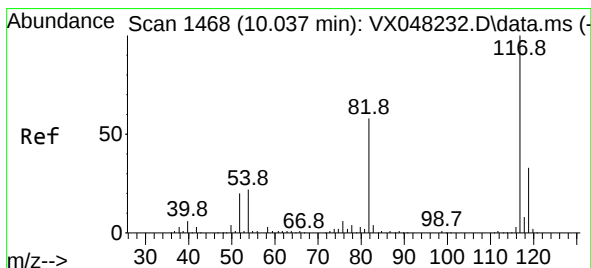
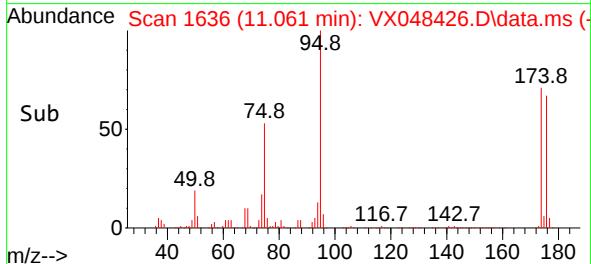
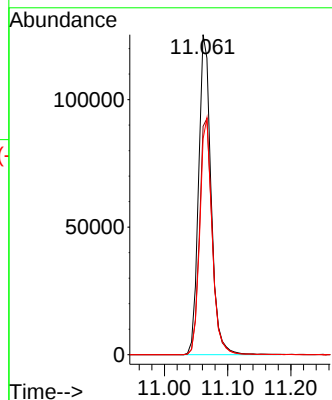
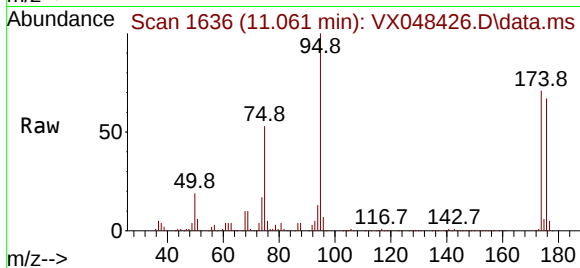
Tgt Ion: 95 Resp: 172045

Ion Ratio Lower Upper

95 100

174 75.2 0.0 147.8

176 73.0 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: VX048426.D

Acq: 31 Oct 2025 13:04

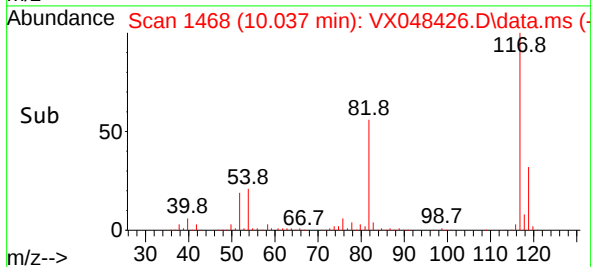
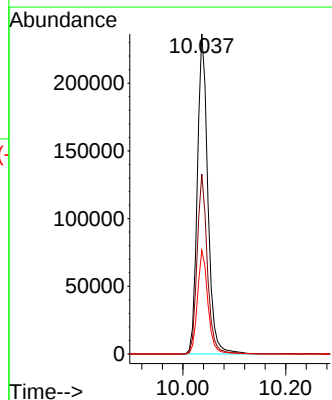
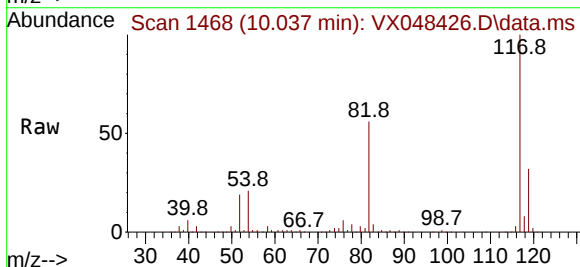
Tgt Ion: 117 Resp: 335954

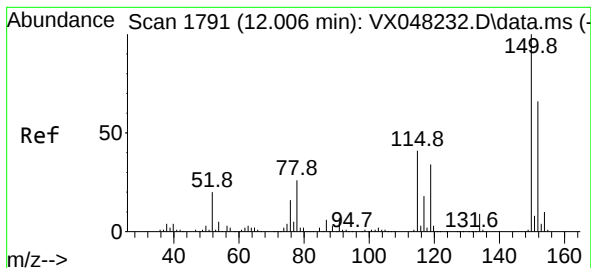
Ion Ratio Lower Upper

117 100

82 56.2 46.5 69.7

119 32.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048426.D

Acq: 31 Oct 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

Field

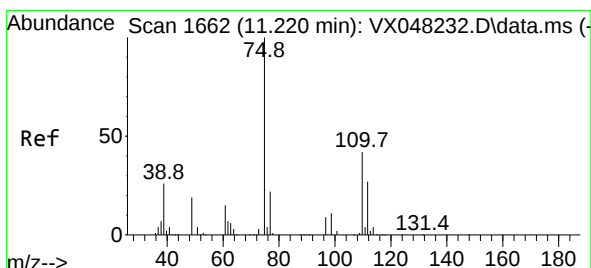
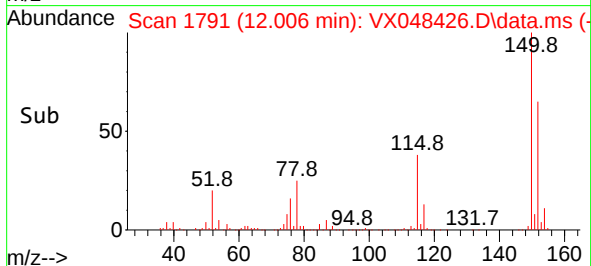
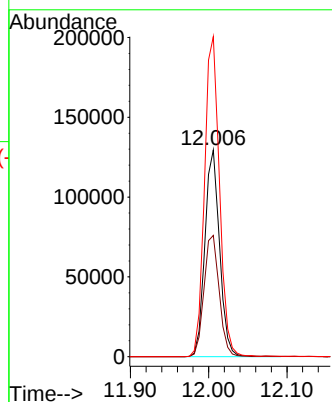
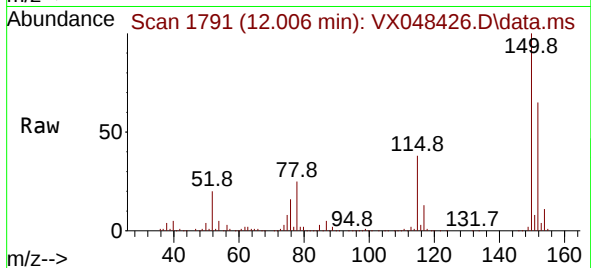
Tgt Ion:152 Resp: 168431

Ion Ratio Lower Upper

152 100

115 60.8 43.1 129.4

150 157.3 0.0 353.0



#76

1,2,3-Trichloropropane

Concen: 36.285 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.158 min

Lab File: VX048426.D

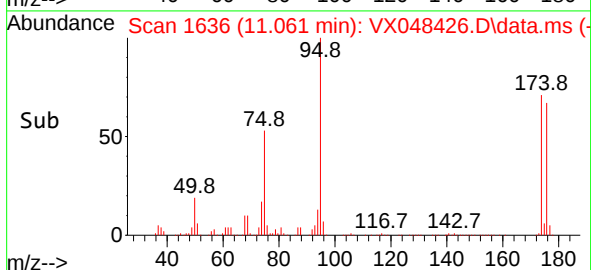
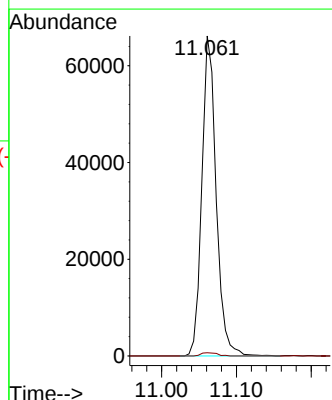
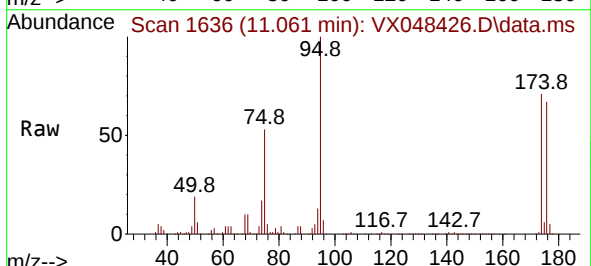
Acq: 31 Oct 2025 13:04

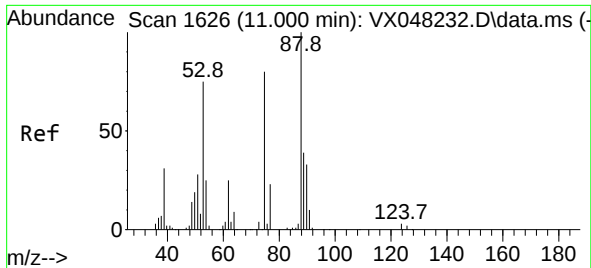
Tgt Ion: 75 Resp: 87892

Ion Ratio Lower Upper

75 100

77 1.2 22.4 67.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.569 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX048426.D
 Acq: 31 Oct 2025 13:04

Instrument :
 MSVOA_X
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Tgt Ion: 75 Resp: 87892
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 36.8 55.2#

