

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
 Data File : VX048842.D
 Acq On : 12 Dec 2025 10:31
 Operator : JC/MD
 Sample : VX1212WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBL01

Quant Time: Dec 12 22:08:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

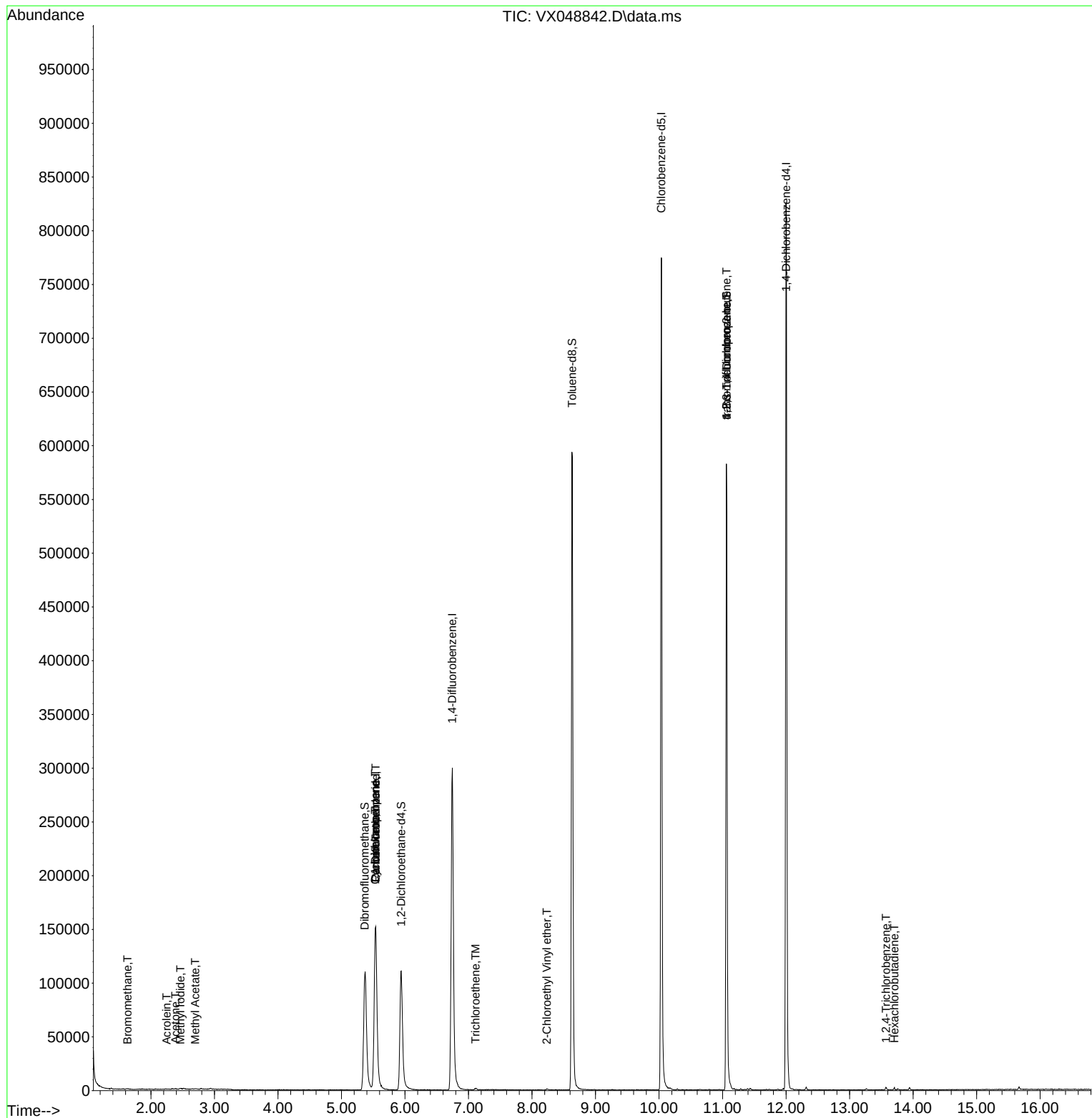
Internal Standards						
1) Pentafluorobenzene	5.538	168	157967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	331453	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	357991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	186392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	122324	57.694	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 115.380%	
35) Dibromofluoromethane	5.367	113	108700	47.630	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.260%	
50) Toluene-d8	8.628	98	382048	47.757	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.520%	
62) 4-Bromofluorobenzene	11.061	95	165963	60.163	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 120.320%	
Target Compounds						
						Qvalue
5) Bromomethane	1.630	94	383	0.287	ug/l	99
10) Methyl Iodide	2.465	142	1052	0.411	ug/l #	91
13) Acrolein	2.245	56	180	40.634	ug/l #	68
16) Acetone	2.386	43	820	1.010	ug/l #	43
18) Methyl Acetate	2.697	43	676	0.296	ug/l #	51
31) Cyclohexane	5.531	56	3085	1.077	ug/l #	18
36) 1,1-Dichloropropene	5.531	75	12381	3.961	ug/l #	48
38) Carbon Tetrachloride	5.538	117	16530	4.669	ug/l #	15
44) Trichloroethene	7.110	130	713	0.295	ug/l	75
58) 2-Chloroethyl Vinyl ether	8.232	63	582	0.306	ug/l #	60
76) 1,2,3-Trichloropropane	11.061	75	83895	24.166	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	83895	57.404	ug/l #	3
93) 1,2,4-Trichlorobenzene	13.573	180	928	0.235	ug/l	98
94) Hexachlorobutadiene	13.707	225	379	0.232	ug/l	88
95) Naphthalene	13.768	128	915	Below Cal	#	82

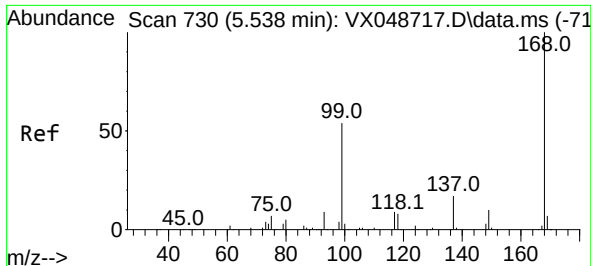
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
Data File : VX048842.D
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ClientSampleId :
VX1212WBL01

Quant Time: Dec 12 22:08:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
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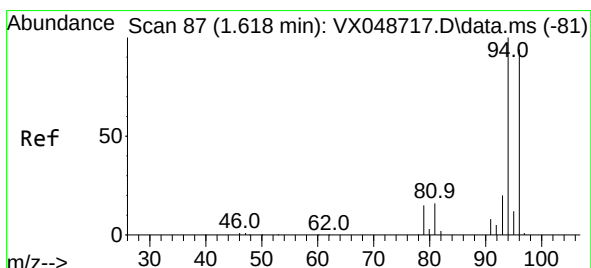
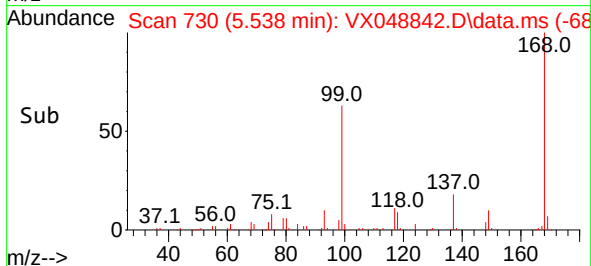
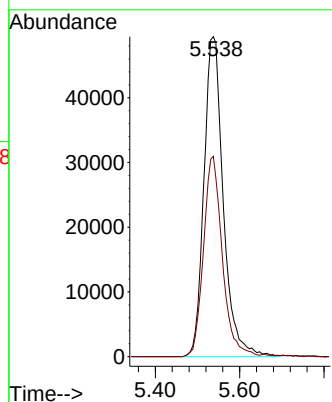
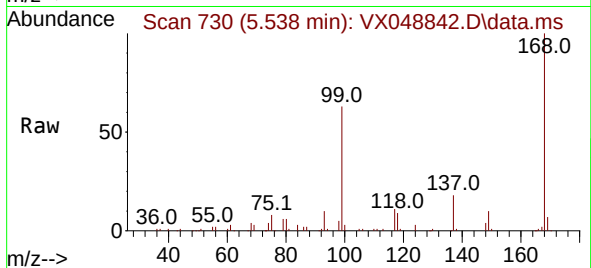




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

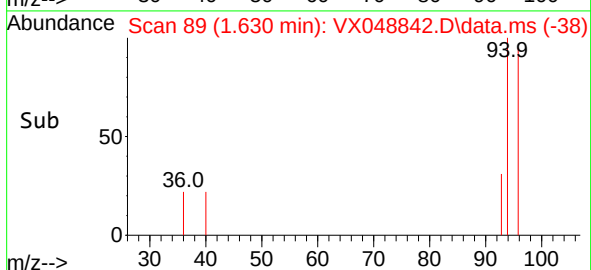
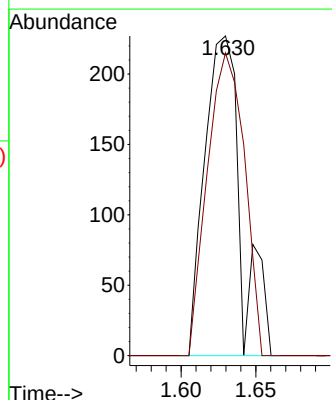
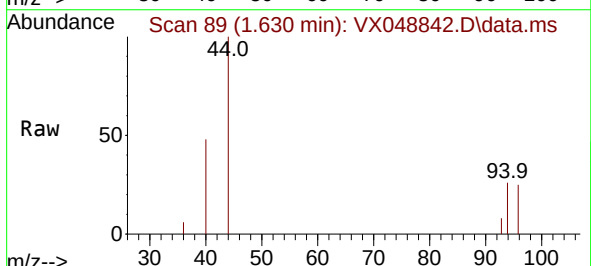
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL01

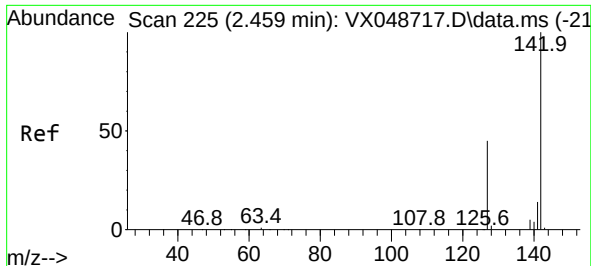
Tgt Ion:168 Resp: 157967
Ion Ratio Lower Upper
168 100
99 62.6 44.2 66.4



#5
Bromomethane
Concen: 0.287 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

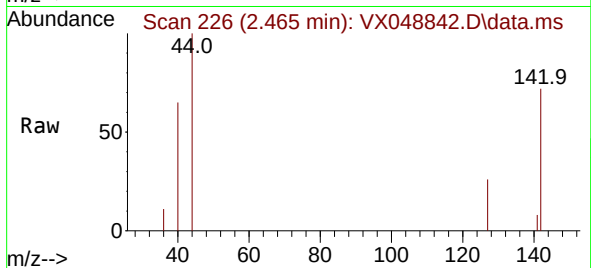
Tgt Ion: 94 Resp: 383
Ion Ratio Lower Upper
94 100
96 94.7 75.2 112.8



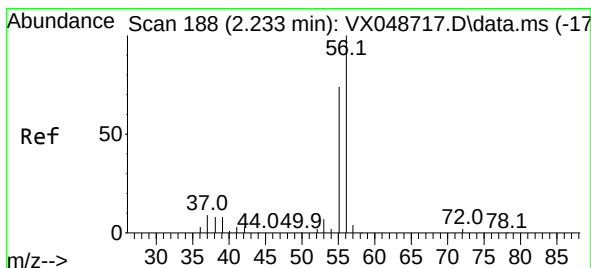
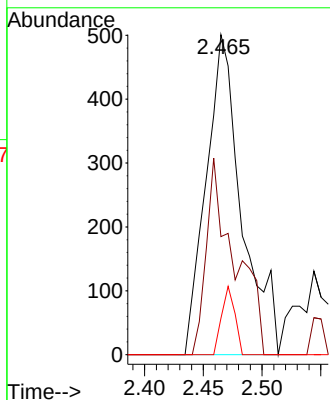
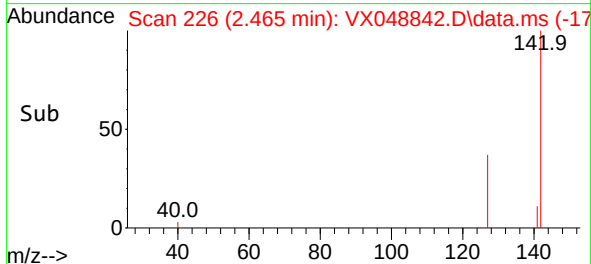


#10
Methyl Iodide
Concen: 0.411 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL01

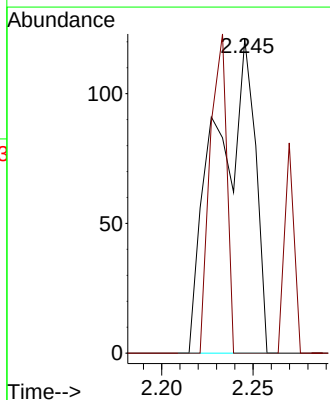
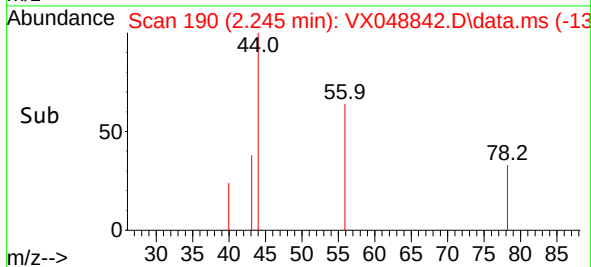
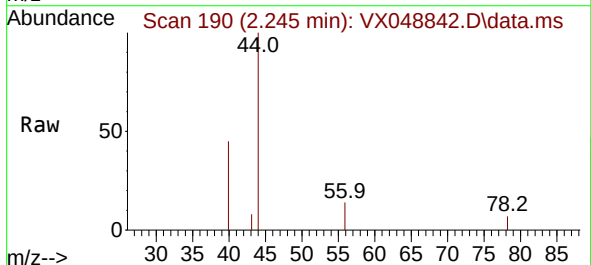


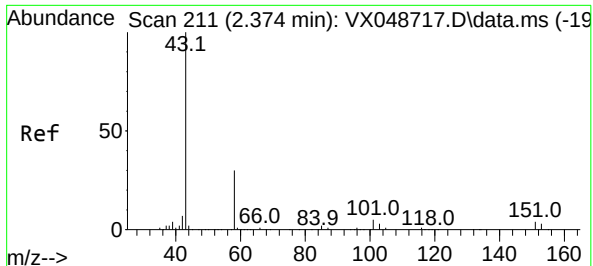
Tgt Ion:142 Resp: 1052
Ion Ratio Lower Upper
142 100
127 49.3 35.8 53.6
141 7.9 11.1 16.7#



#13
Acrolein
Concen: 40.634 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.012 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

Tgt Ion: 56 Resp: 180
Ion Ratio Lower Upper
56 100
55 43.3 55.8 83.6#

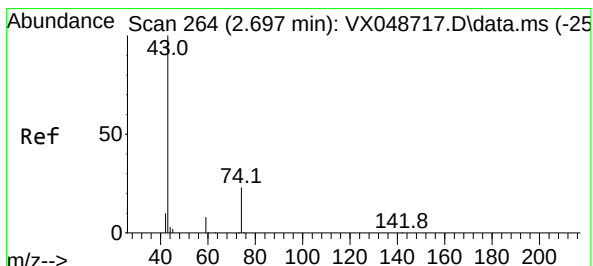
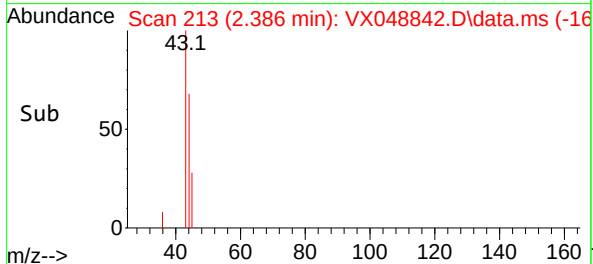
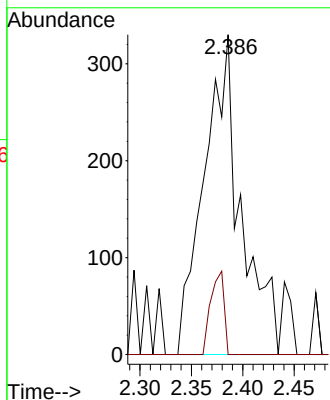
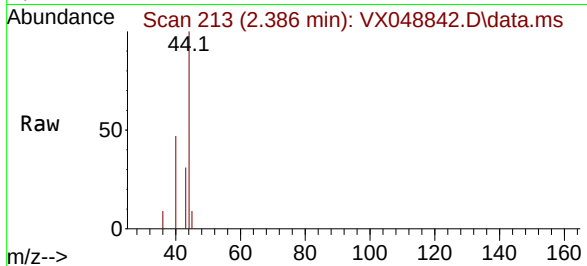




#16
Acetone
Concen: 1.010 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

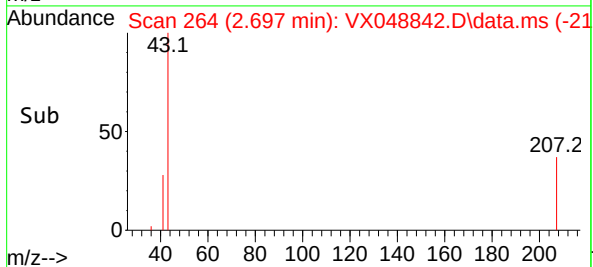
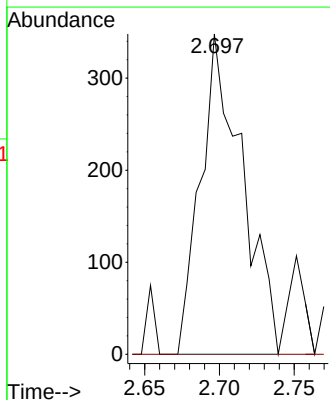
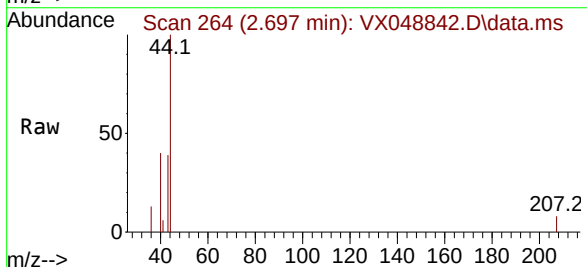
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL01

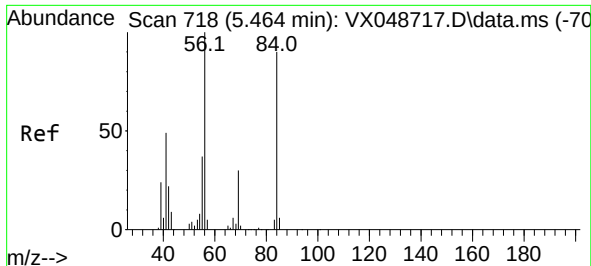
Tgt Ion: 43 Resp: 820
Ion Ratio Lower Upper
43 100
58 0.0 25.0 37.4#



#18
Methyl Acetate
Concen: 0.296 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

Tgt Ion: 43 Resp: 676
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#

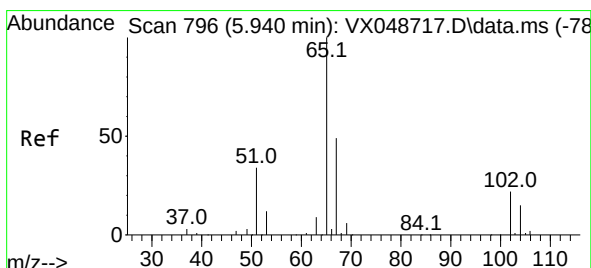
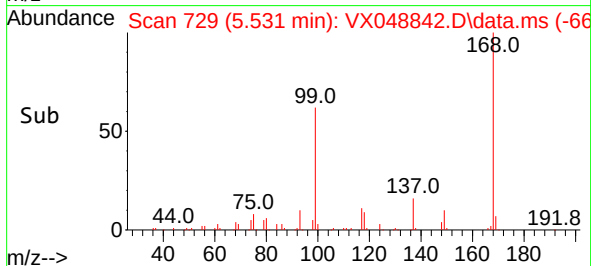
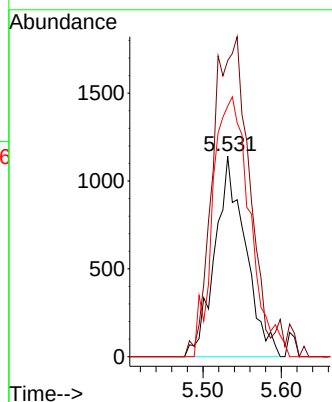
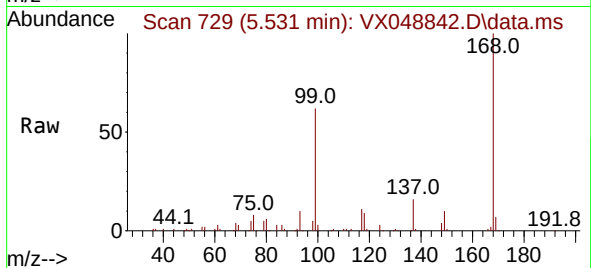




#31
Cyclohexane
Concen: 1.077 ug/l
RT: 5.531 min Scan# 718
Delta R.T. 0.067 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

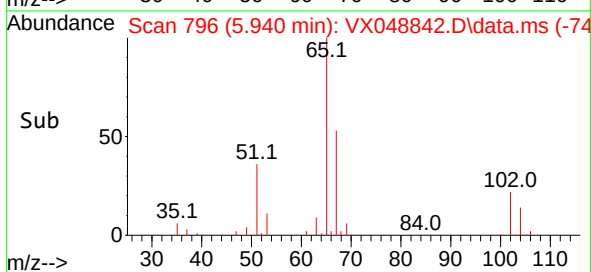
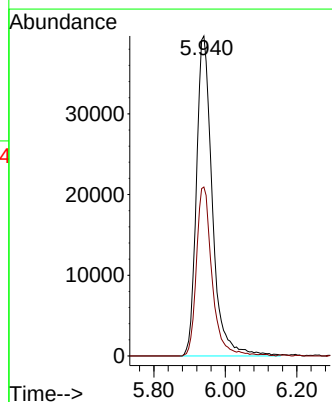
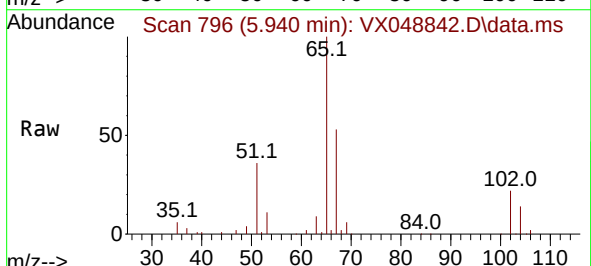
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL01

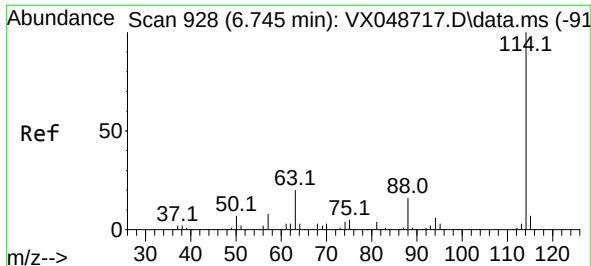
Tgt Ion: 56 Resp: 3085
Ion Ratio Lower Upper
56 100
69 147.8 24.2 36.2#
84 125.1 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 57.694 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

Tgt Ion: 65 Resp: 122324
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4

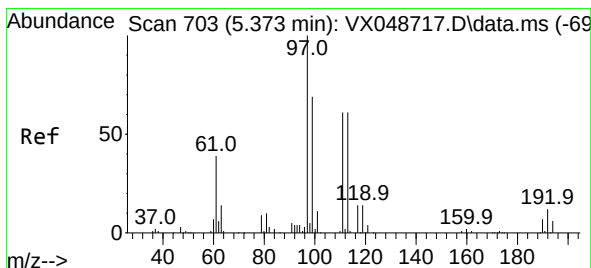
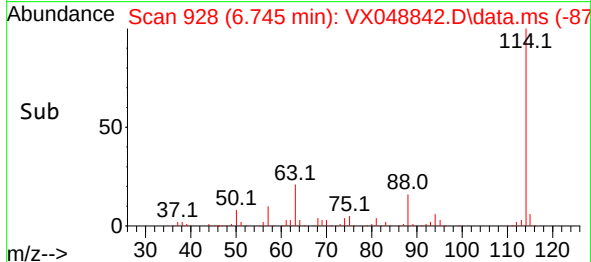
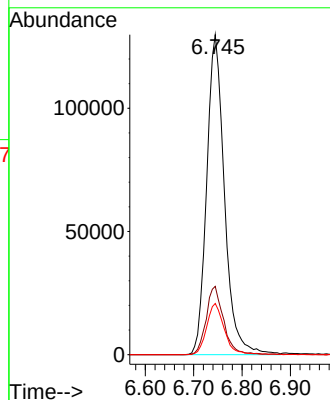
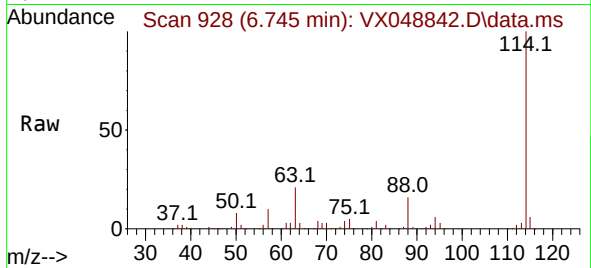




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

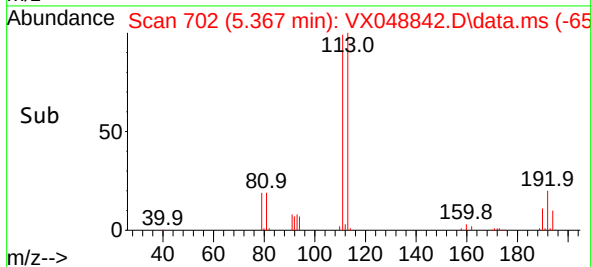
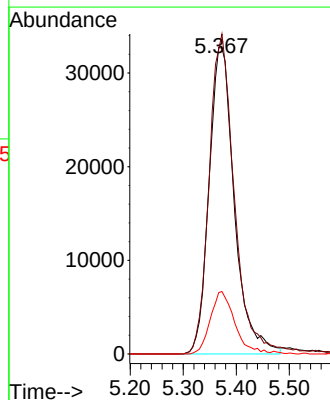
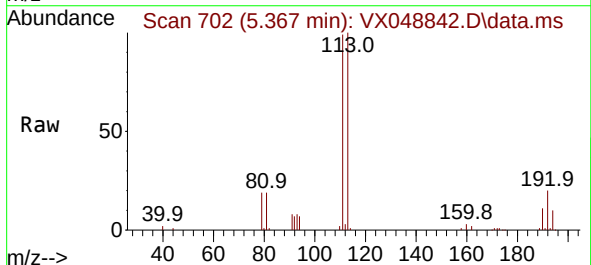
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ClientSampleId :
VX1212WBL01

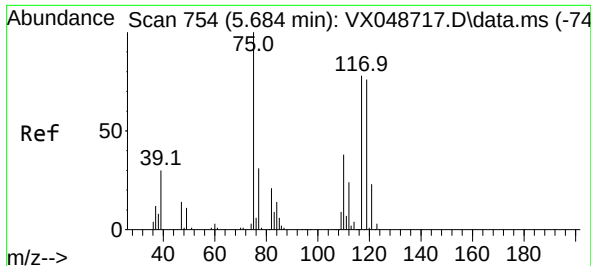
Tgt Ion:114 Resp: 331453
Ion Ratio Lower Upper
114 100
63 21.3 0.0 39.0
88 16.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.630 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

Tgt Ion:113 Resp: 108700
Ion Ratio Lower Upper
113 100
111 104.3 79.5 119.3
192 19.6 16.1 24.1

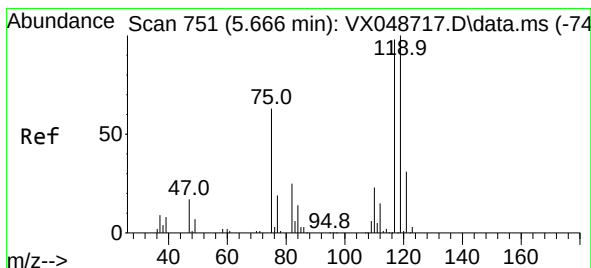
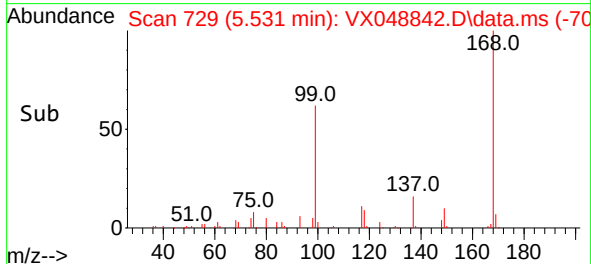
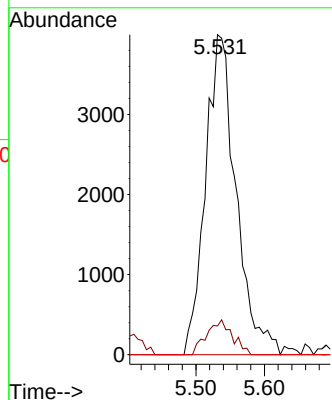
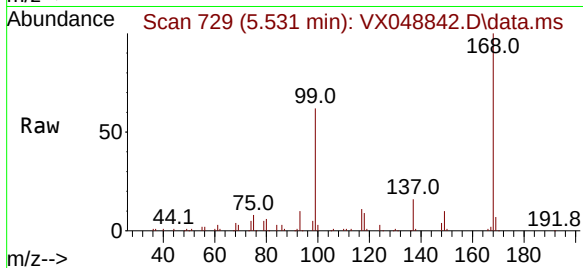




#36
1,1-Dichloropropene
Concen: 3.961 ug/l
RT: 5.531 min Scan# 710
Delta R.T. -0.152 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

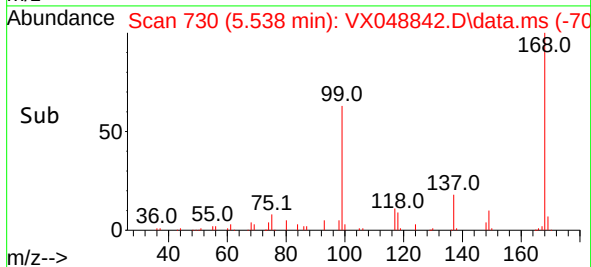
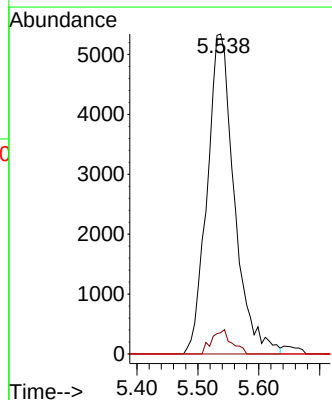
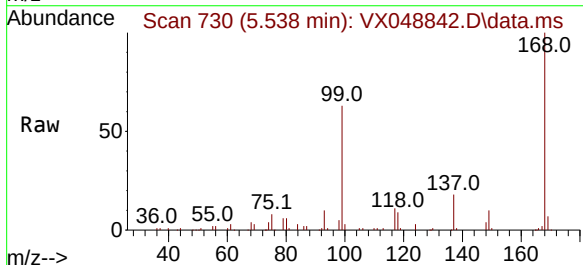
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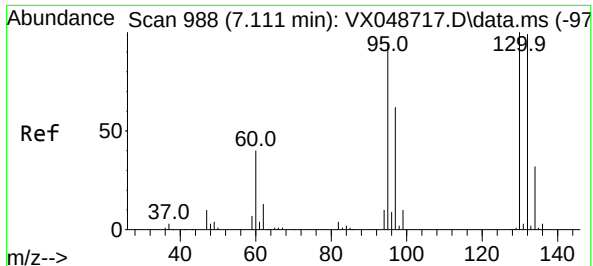
Tgt Ion: 75 Resp: 12381
Ion Ratio Lower Upper
75 100
110 9.2 18.6 55.8#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 4.669 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.128 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

Tgt Ion: 117 Resp: 16530
Ion Ratio Lower Upper
117 100
119 6.6 80.5 120.7#
121 0.0 25.4 38.0#





#44

Trichloroethene

Concen: 0.295 ug/l

RT: 7.110 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX048842.D

Acq: 12 Dec 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

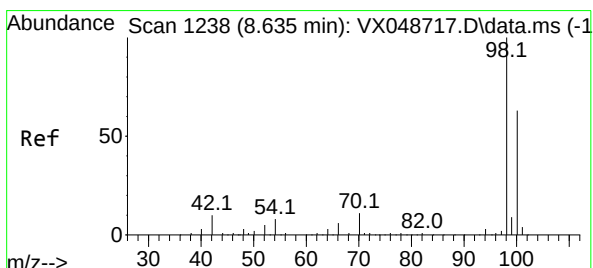
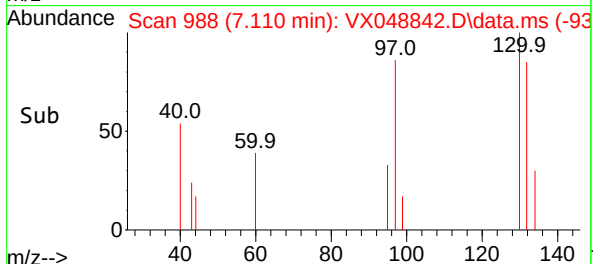
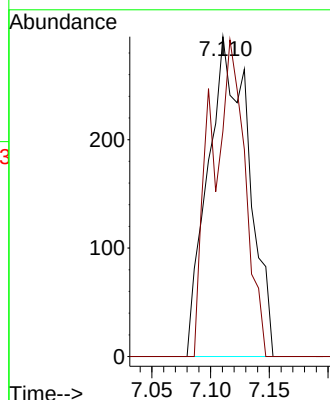
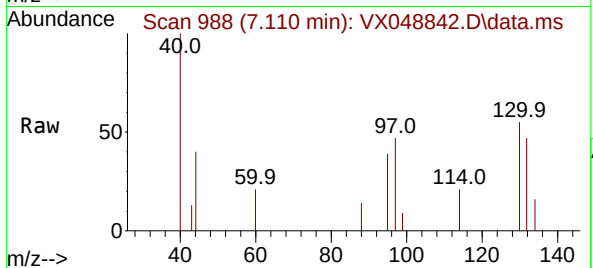
VX1212WBL01

Tgt Ion:130 Resp: 713

Ion Ratio Lower Upper

130 100

95 70.5 0.0 189.6



#50

Toluene-d8

Concen: 47.757 ug/l

RT: 8.628 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX048842.D

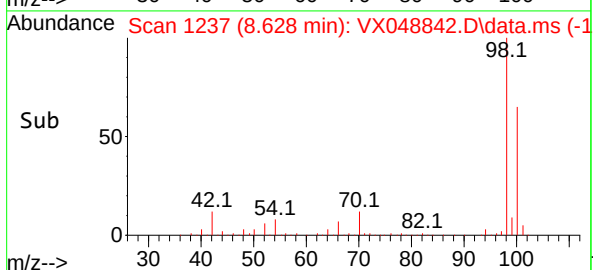
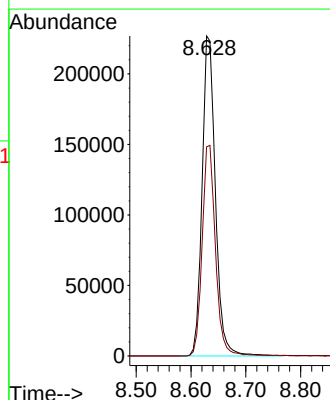
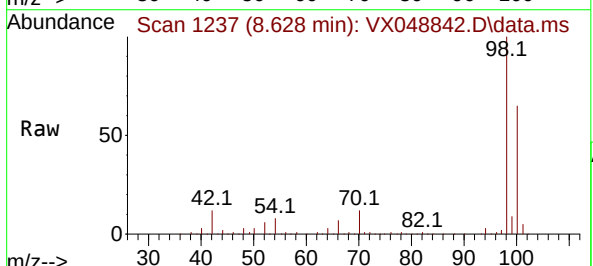
Acq: 12 Dec 2025 10:31

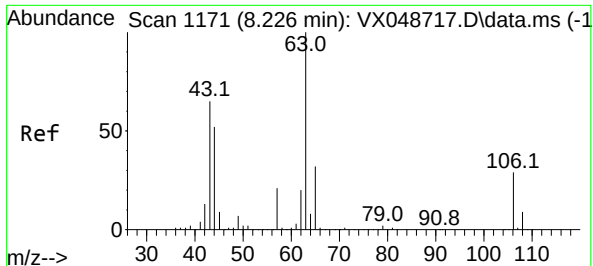
Tgt Ion: 98 Resp: 382048

Ion Ratio Lower Upper

98 100

100 66.1 53.4 80.0

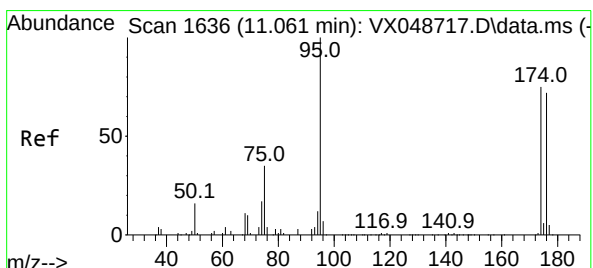
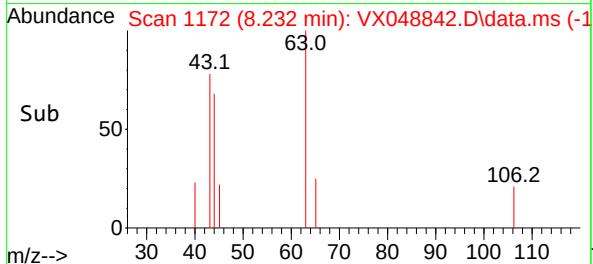
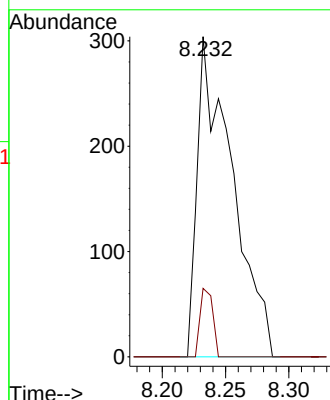
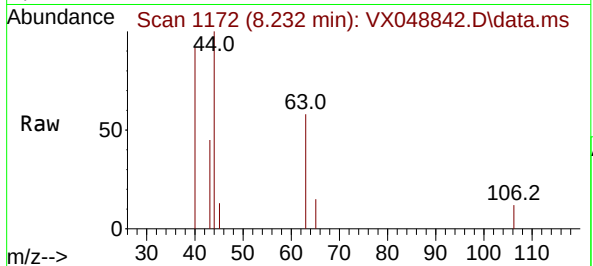




#58
2-Chloroethyl Vinyl ether
Concen: 0.306 ug/l
RT: 8.232 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

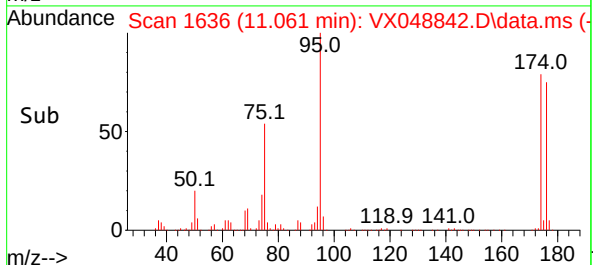
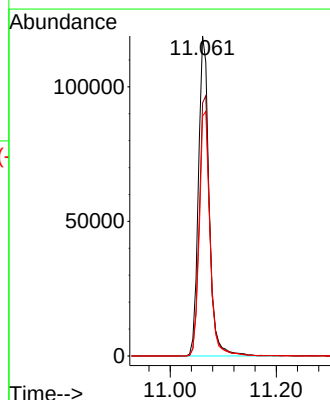
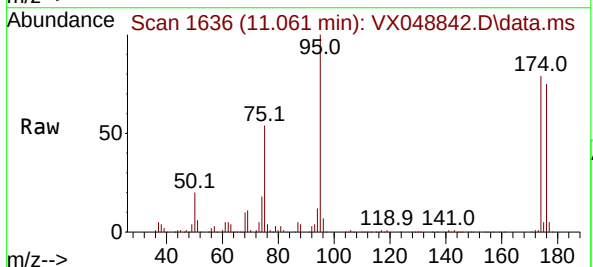
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL01

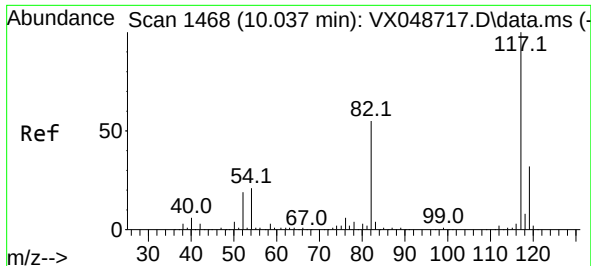
Tgt Ion: 63 Resp: 582
Ion Ratio Lower Upper
63 100
106 7.7 23.4 35.2#



#62
4-Bromofluorobenzene
Concen: 60.163 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

Tgt Ion: 95 Resp: 165963
Ion Ratio Lower Upper
95 100
174 81.8 0.0 157.8
176 76.5 0.0 154.0

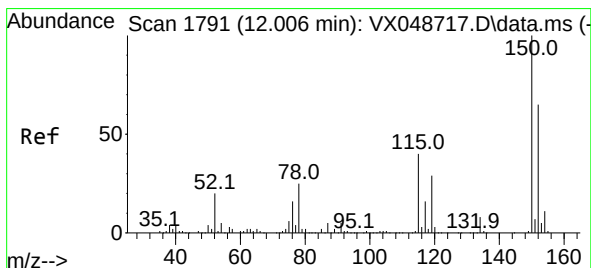
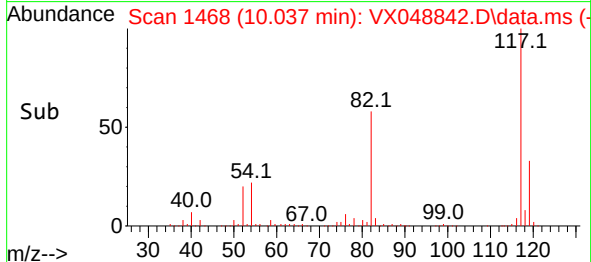
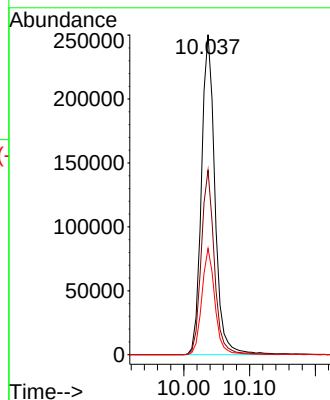
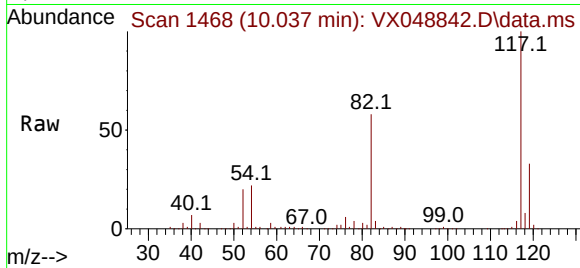




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

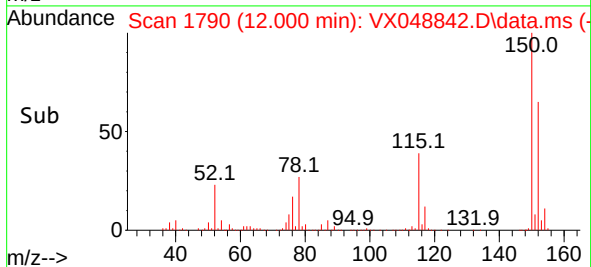
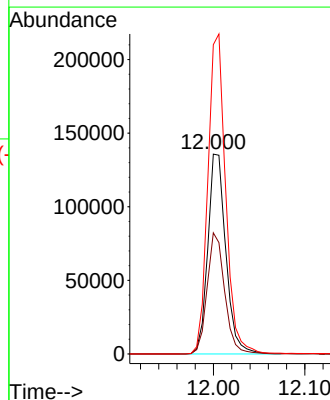
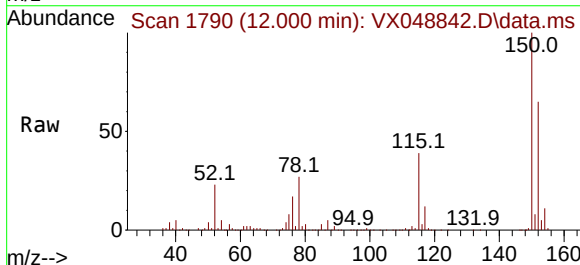
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL01

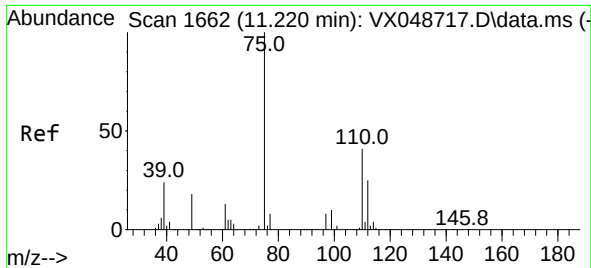
Tgt Ion:117 Resp: 357991
Ion Ratio Lower Upper
117 100
82 57.6 44.1 66.1
119 33.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

Tgt Ion:152 Resp: 186392
Ion Ratio Lower Upper
152 100
115 58.9 42.1 126.4
150 158.1 0.0 347.8

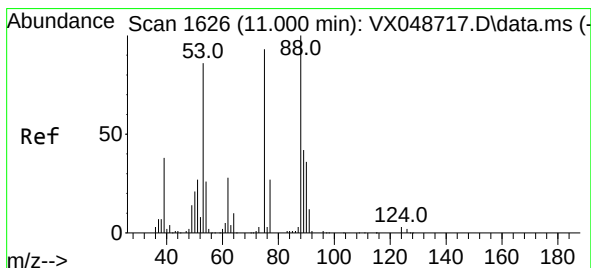
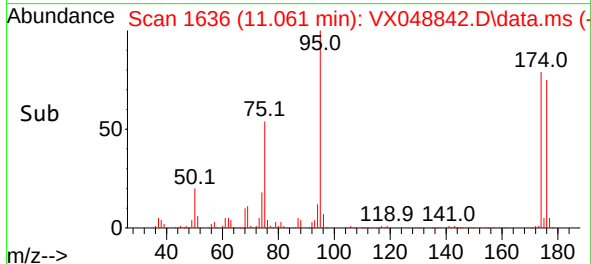
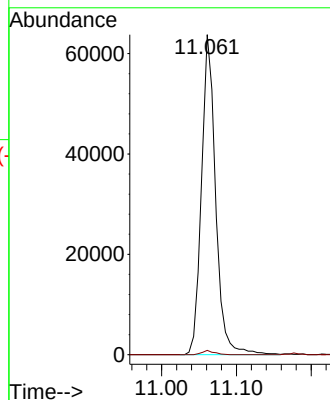
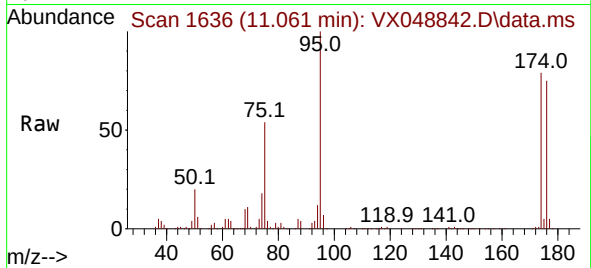




#76
1,2,3-Trichloropropane
Concen: 24.166 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

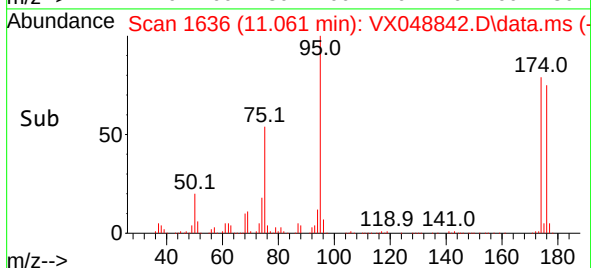
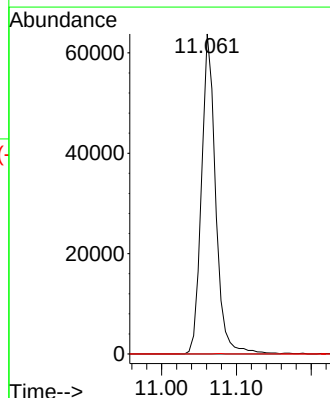
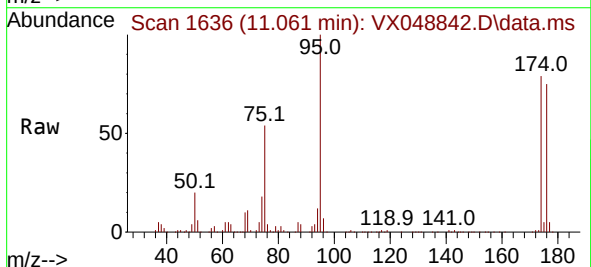
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL01

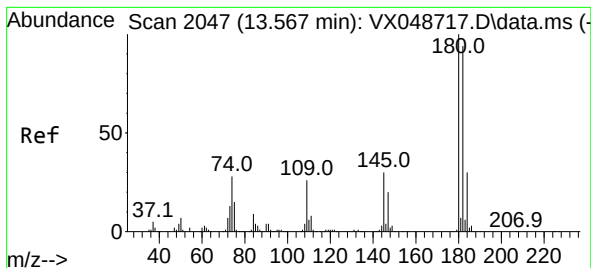
Tgt Ion: 75 Resp: 83895
Ion Ratio Lower Upper
75 100
77 1.1 24.3 73.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.404 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

Tgt Ion: 75 Resp: 83895
Ion Ratio Lower Upper
75 100
53 0.0 79.9 119.9#
89 0.1 67.1 100.7#





#93

1,2,4-Trichlorobenzene

Concen: 0.235 ug/l

RT: 13.573 min Scan# 2048

Delta R.T. 0.006 min

Lab File: VX048842.D

Acq: 12 Dec 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBL01

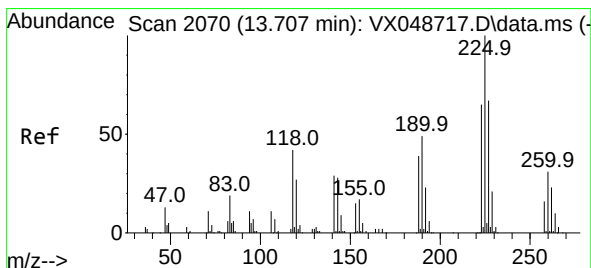
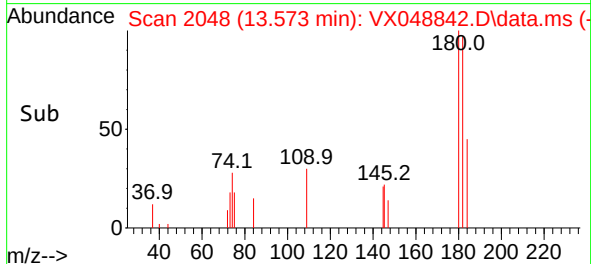
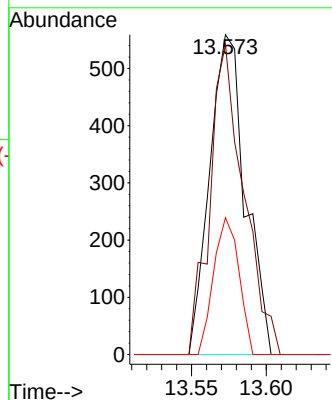
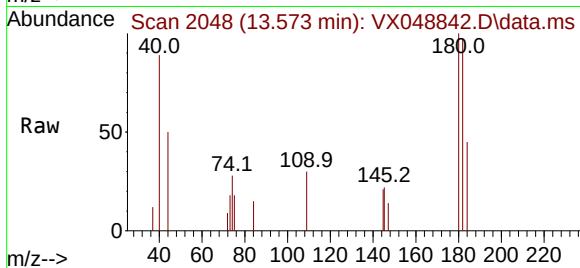
Tgt Ion:180 Resp: 928

Ion Ratio Lower Upper

180 100

182 92.0 46.9 140.8

145 30.3 15.1 45.3



#94

Hexachlorobutadiene

Concen: 0.232 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX048842.D

Acq: 12 Dec 2025 10:31

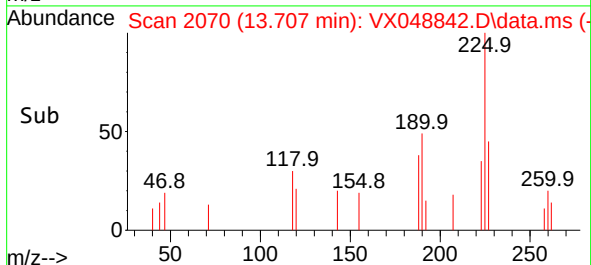
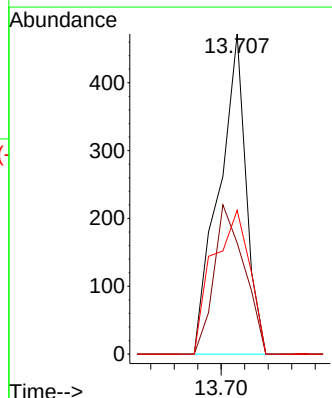
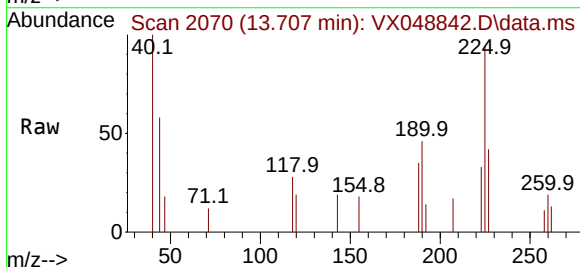
Tgt Ion:225 Resp: 379

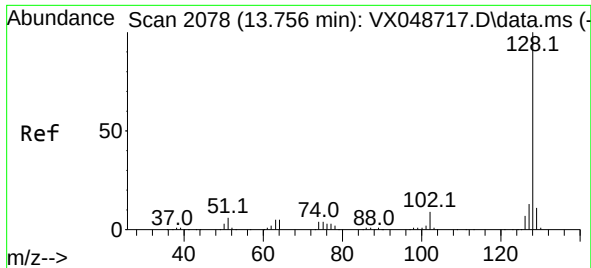
Ion Ratio Lower Upper

225 100

223 52.0 33.0 98.9

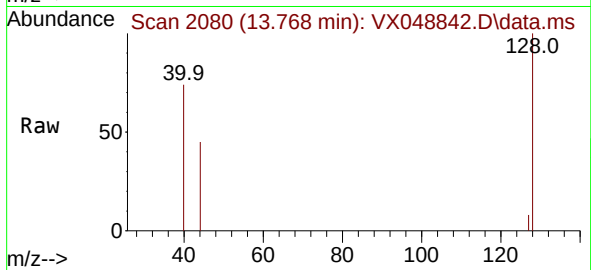
227 60.7 32.9 98.7





#95
Naphthalene
Concen: Below Cal
RT: 13.768 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL01



Tgt Ion:128 Resp: 915
Ion Ratio Lower Upper
128 100
127 9.3 10.2 15.2#
129 0.0 8.6 13.0#

