

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121525\
 Data File : VX048880.D
 Acq On : 15 Dec 2025 16:03
 Operator : JC/MD
 Sample : Q3863-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-121225

Quant Time: Dec 16 00:18:18 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)

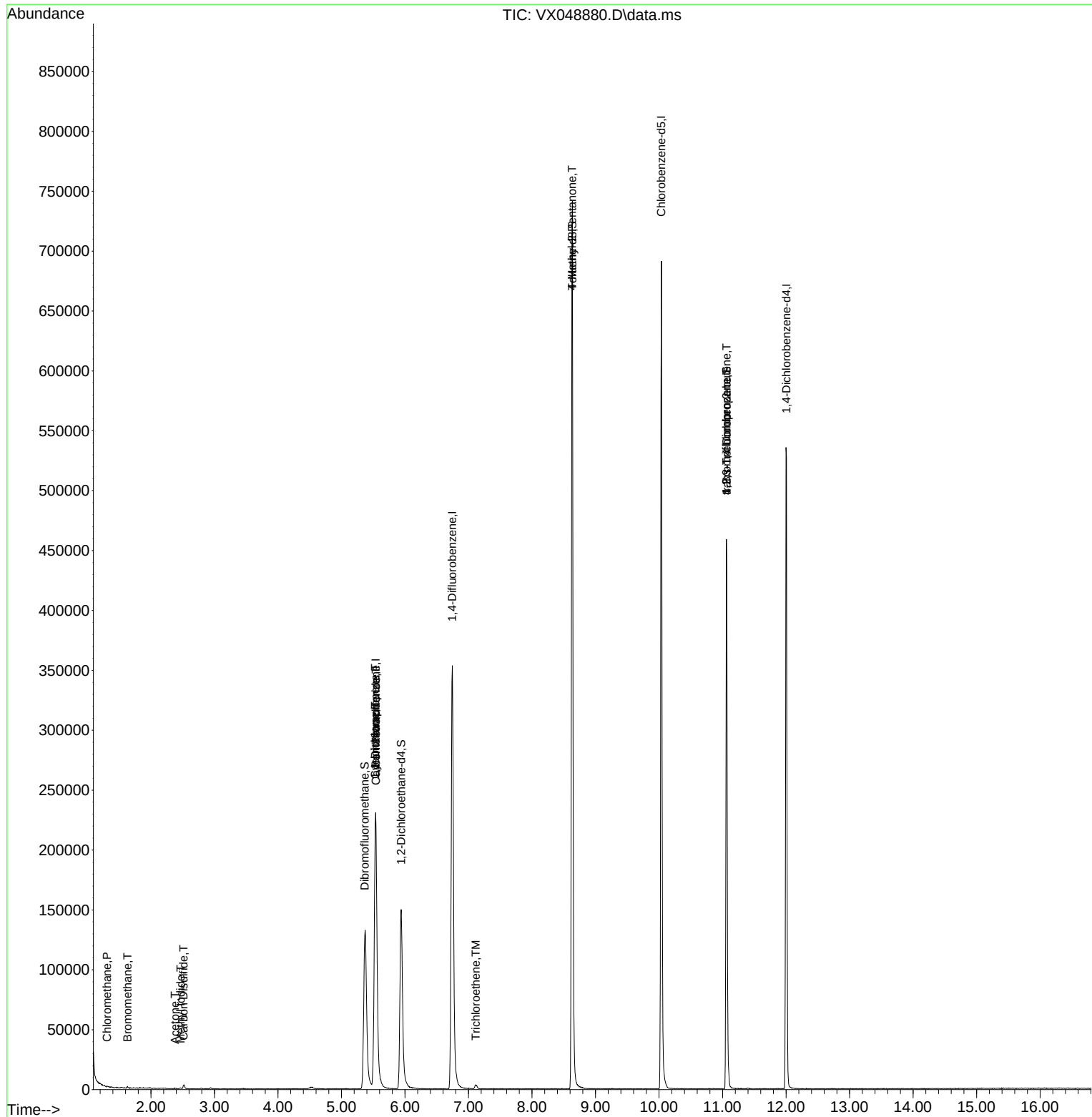
Internal Standards						
1) Pentafluorobenzene	5.537	168	238698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	396265	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	327570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	120220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	164025	51.198	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.400%
35) Dibromofluoromethane	5.367	113	133176	48.810	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.620%
50) Toluene-d8	8.635	98	470992	49.246	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.500%
62) 4-Bromofluorobenzene	11.061	95	131637	39.914	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	79.820%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	687	0.224	ug/l #	26
5) Bromomethane	1.630	94	481	0.238	ug/l	82
10) Methyl Iodide	2.465	142	916	0.237	ug/l #	90
16) Acetone	2.380	43	681	0.555	ug/l #	80
17) Carbon Disulfide	2.514	76	3274	0.407	ug/l #	94
31) Cyclohexane	5.531	56	5342	1.234	ug/l #	18
36) 1,1-Dichloropropene	5.531	75	19185	5.134	ug/l #	48
38) Carbon Tetrachloride	5.544	117	24174	5.711	ug/l #	12
44) Trichloroethene	7.116	130	1615	0.559	ug/l	96
51) 4-Methyl-2-Pentanone	8.628	43	1984	0.473	ug/l #	1
76) 1,2,3-Trichloropropane	11.061	75	67451	30.124	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	67451	71.556	ug/l #	3

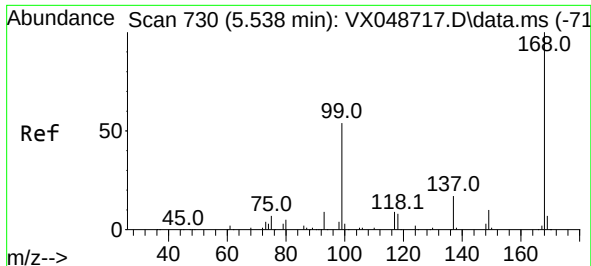
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 16 00:18:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
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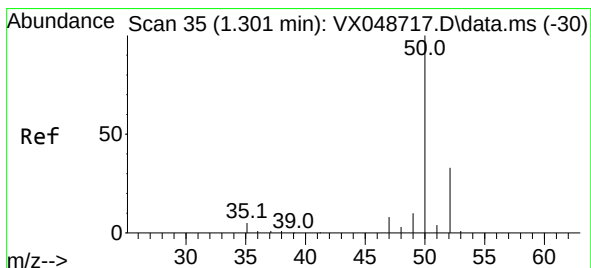
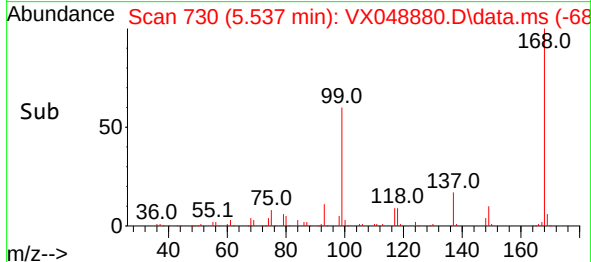
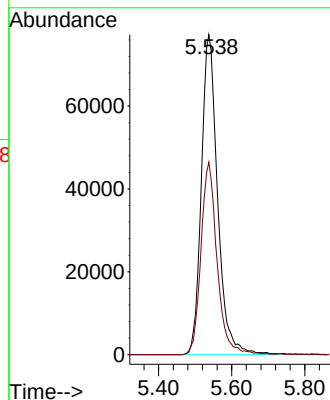
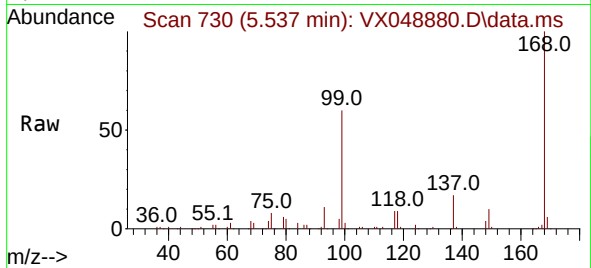




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048880.D
Acq: 15 Dec 2025 16:03

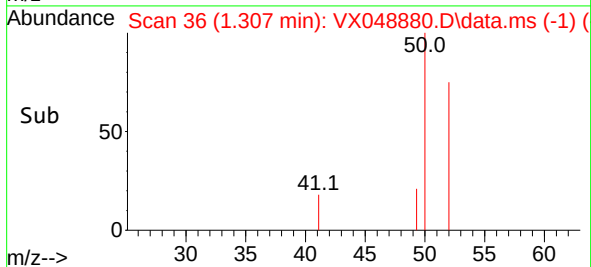
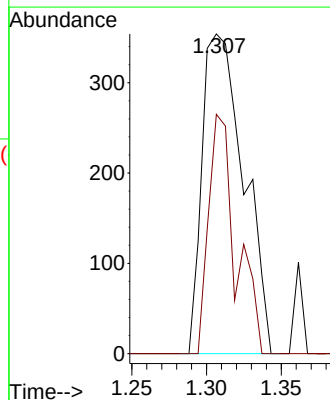
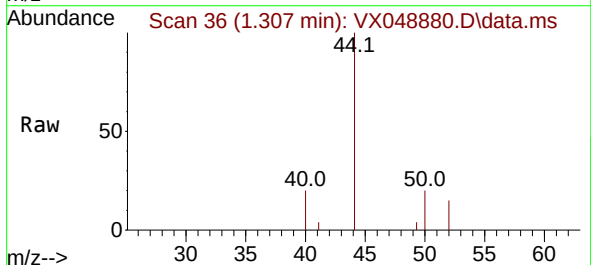
Instrument :
MSVOA_X
ClientSampleId :
TB01-121225

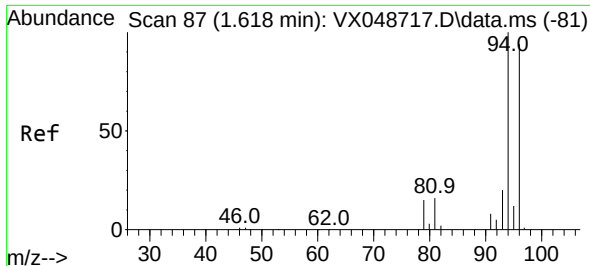
Tgt Ion:168 Resp: 238698
Ion Ratio Lower Upper
168 100
99 60.1 44.2 66.4



#3
Chloromethane
Concen: 0.224 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX048880.D
Acq: 15 Dec 2025 16:03

Tgt Ion: 50 Resp: 687
Ion Ratio Lower Upper
50 100
52 74.9 26.4 39.6#

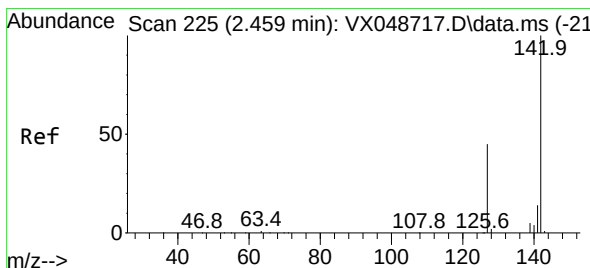
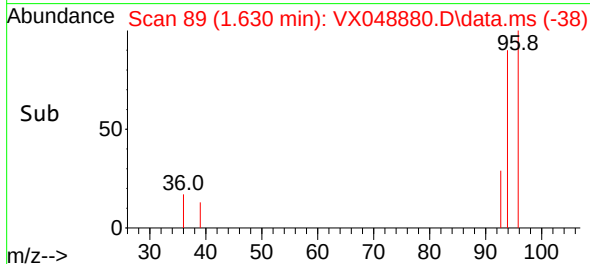
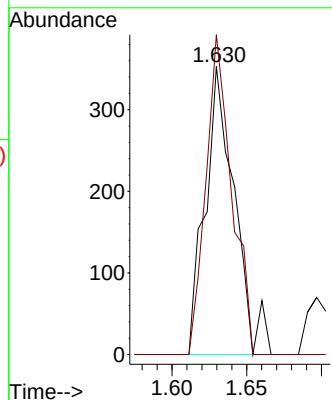
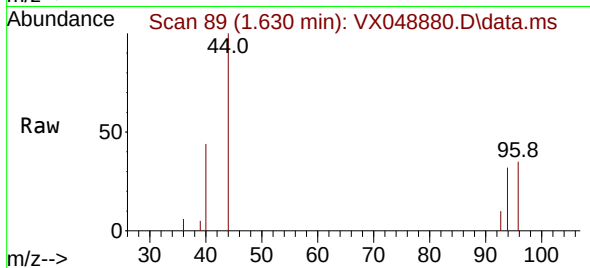




#5
Bromomethane
Concen: 0.238 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX048880.D
Acq: 15 Dec 2025 16:03

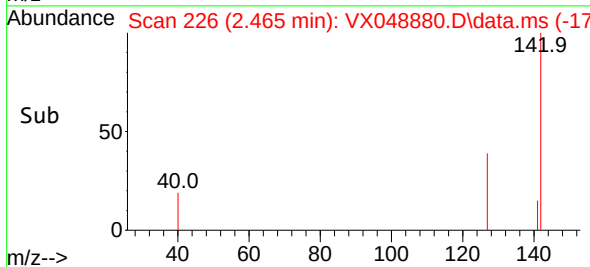
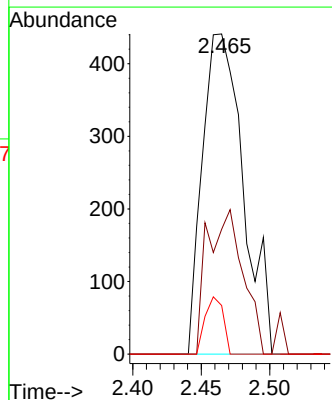
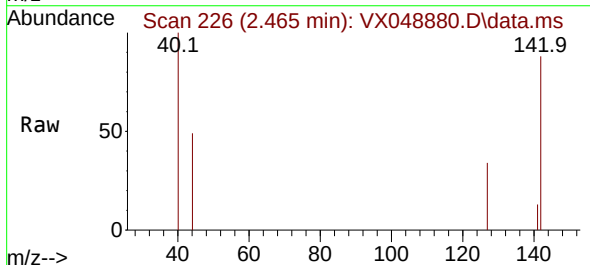
Instrument :
MSVOA_X
ClientSampleId :
TB01-121225

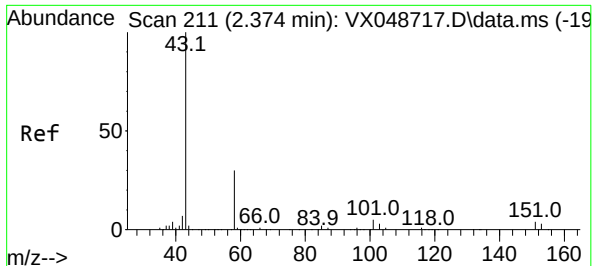
Tgt Ion: 94 Resp: 481
Ion Ratio Lower Upper
94 100
96 111.0 75.2 112.8



#10
Methyl Iodide
Concen: 0.237 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX048880.D
Acq: 15 Dec 2025 16:03

Tgt Ion: 142 Resp: 916
Ion Ratio Lower Upper
142 100
127 39.4 35.8 53.6
141 7.9 11.1 16.7#

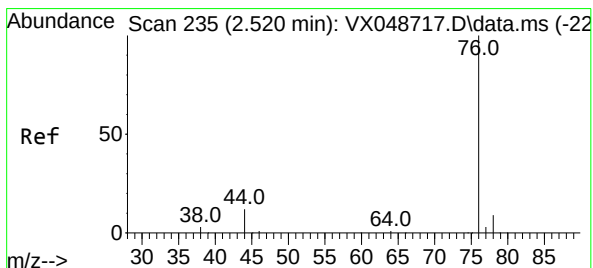
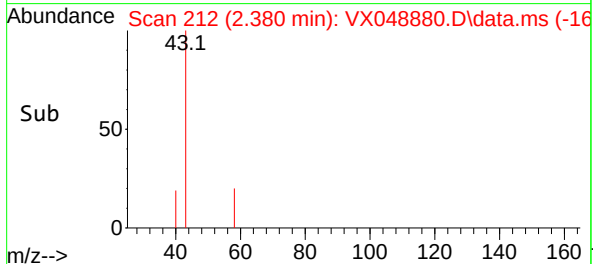
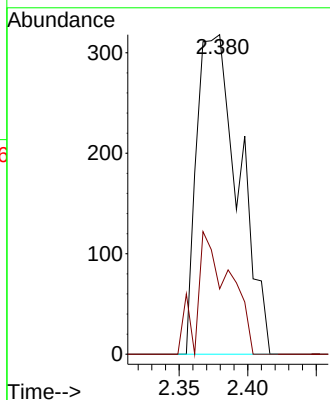
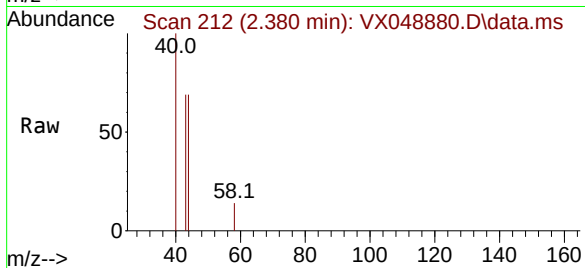




#16
Acetone
Concen: 0.555 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048880.D
Acq: 15 Dec 2025 16:03

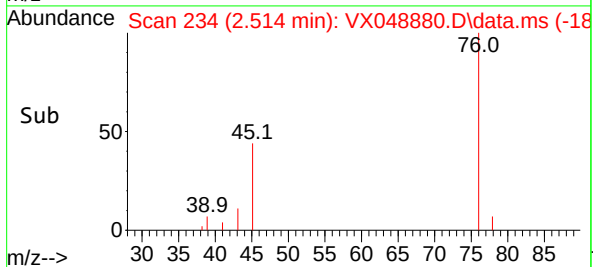
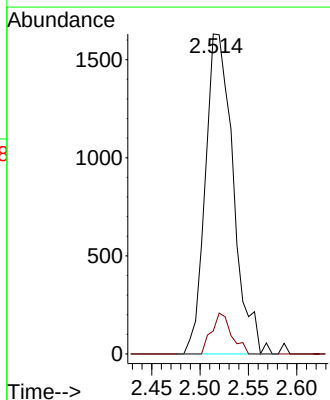
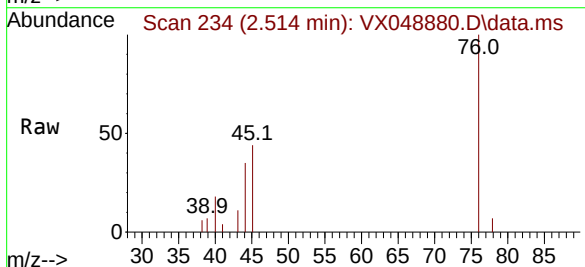
Instrument :
MSVOA_X
ClientSampleId :
TB01-121225

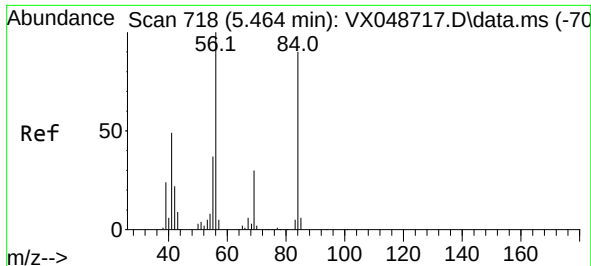
Tgt Ion: 43 Resp: 681
Ion Ratio Lower Upper
43 100
58 20.4 25.0 37.4#



#17
Carbon Disulfide
Concen: 0.407 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.006 min
Lab File: VX048880.D
Acq: 15 Dec 2025 16:03

Tgt Ion: 76 Resp: 3274
Ion Ratio Lower Upper
76 100
78 7.2 7.4 11.2#

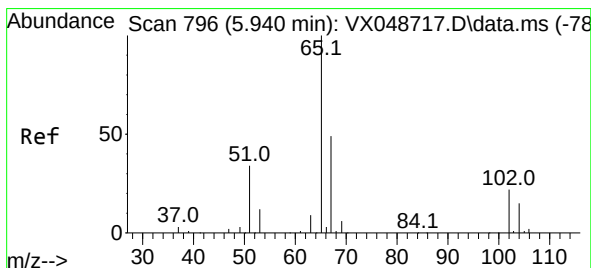
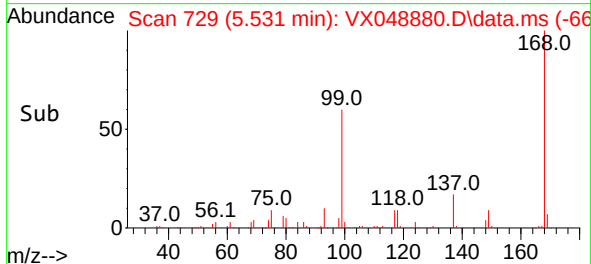
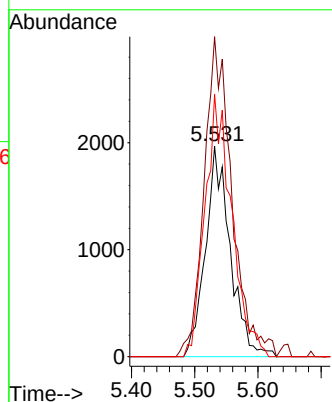
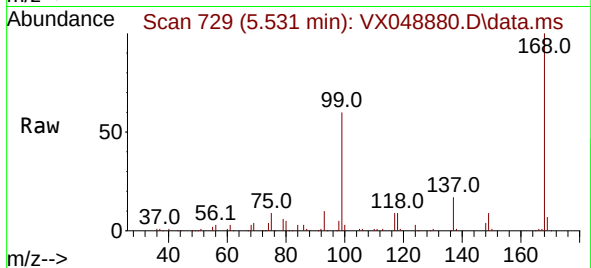




#31
Cyclohexane
Concen: 1.234 ug/l
RT: 5.531 min Scan# 718
Delta R.T. 0.067 min
Lab File: VX048880.D
Acq: 15 Dec 2025 16:03

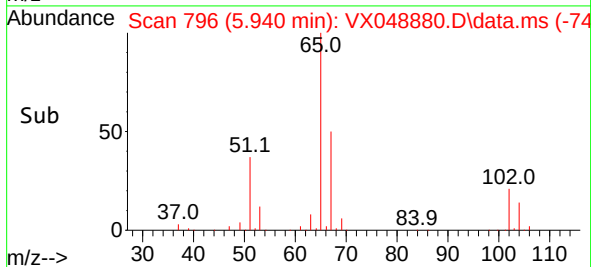
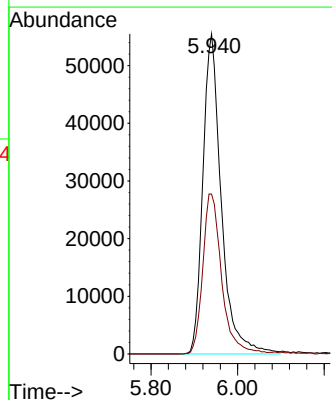
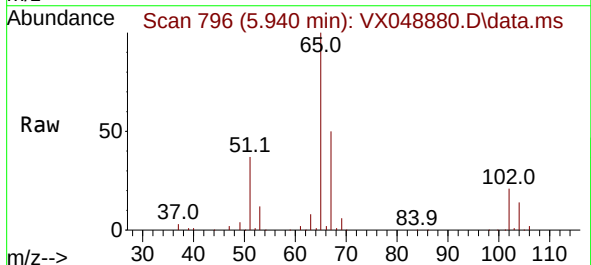
Instrument :
MSVOA_X
ClientSampleId :
TB01-121225

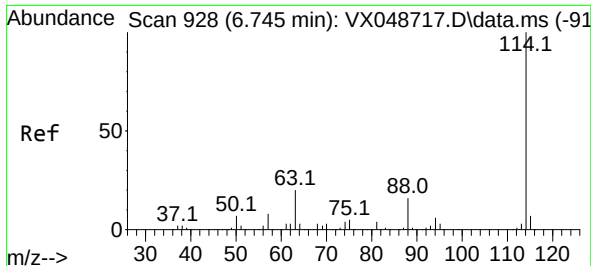
Tgt Ion: 56 Resp: 5342
Ion Ratio Lower Upper
56 100
69 149.4 24.2 36.2#
84 124.6 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 51.198 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048880.D
Acq: 15 Dec 2025 16:03

Tgt Ion: 65 Resp: 164025
Ion Ratio Lower Upper
65 100
67 51.3 0.0 107.4

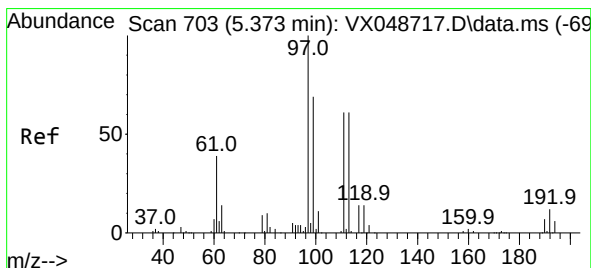
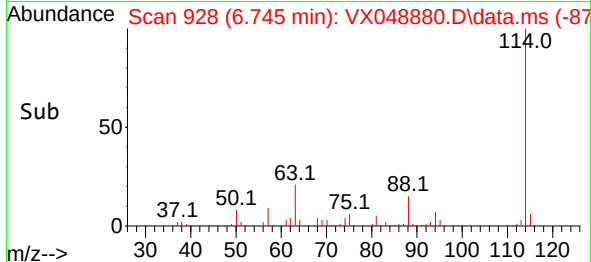
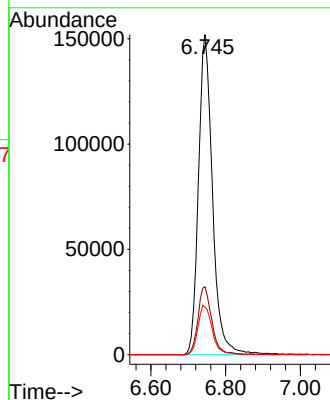
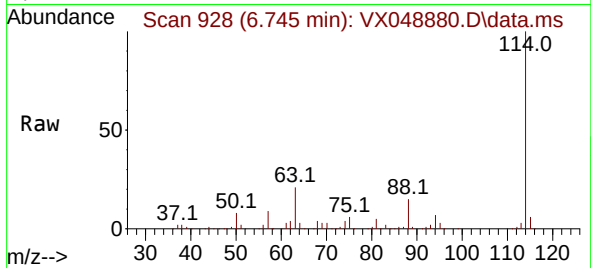




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048880.D
Acq: 15 Dec 2025 16:03

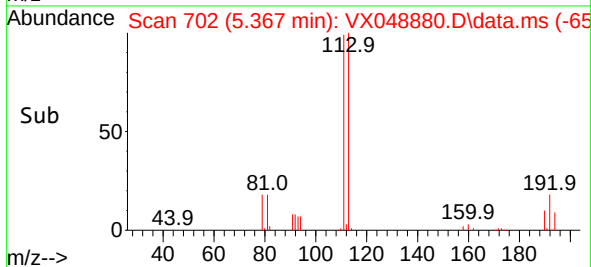
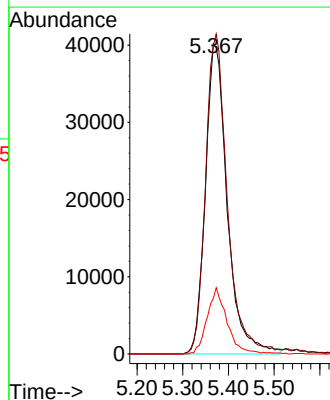
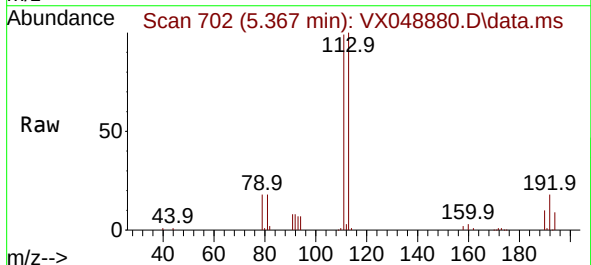
Instrument :
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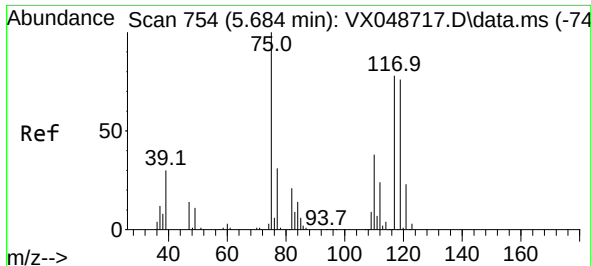
Tgt Ion:114 Resp: 396265
Ion Ratio Lower Upper
114 100
63 21.3 0.0 39.0
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.810 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048880.D
Acq: 15 Dec 2025 16:03

Tgt Ion:113 Resp: 133176
Ion Ratio Lower Upper
113 100
111 102.8 79.5 119.3
192 19.6 16.1 24.1

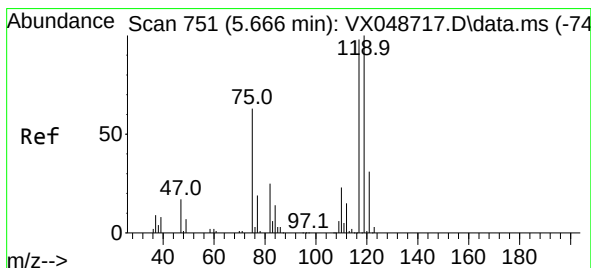
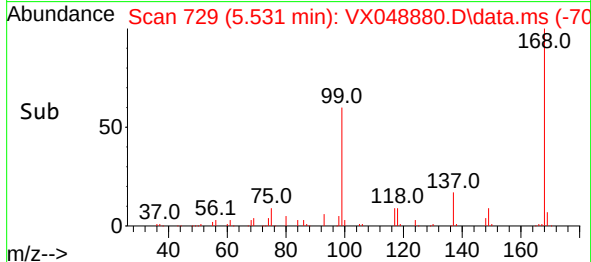
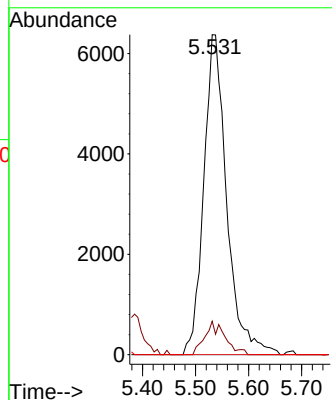
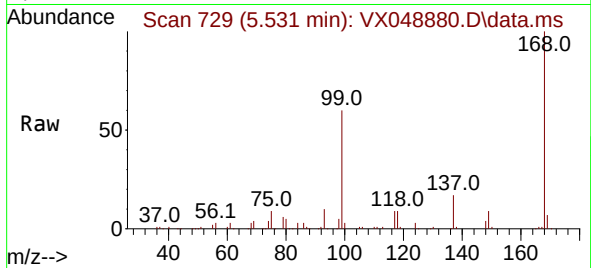




#36
1,1-Dichloropropene
Concen: 5.134 ug/l
RT: 5.531 min Scan# 719
Delta R.T. -0.153 min
Lab File: VX048880.D
Acq: 15 Dec 2025 16:03

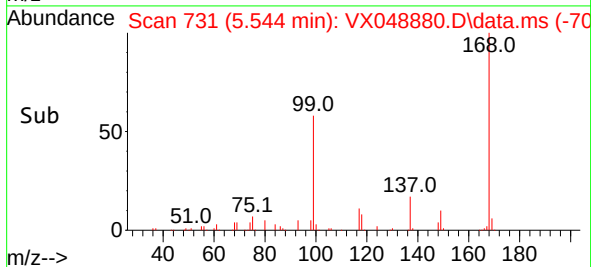
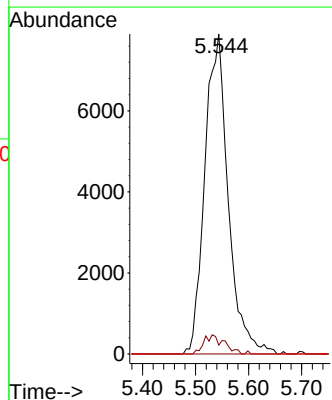
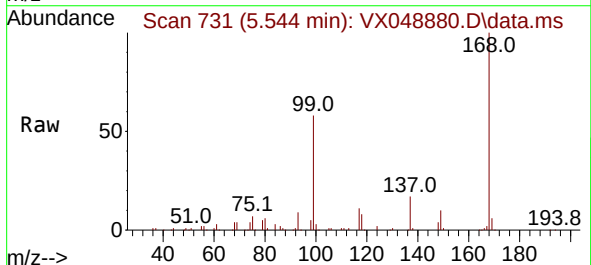
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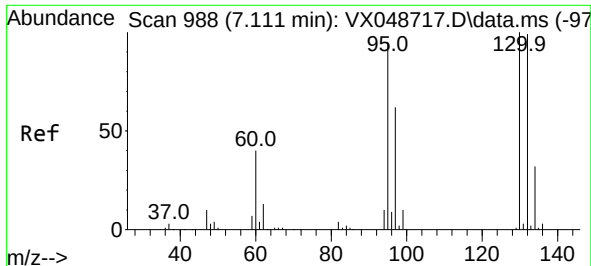
Tgt Ion: 75 Resp: 19185
Ion Ratio Lower Upper
75 100
110 9.2 18.6 55.8#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.711 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.122 min
Lab File: VX048880.D
Acq: 15 Dec 2025 16:03

Tgt Ion: 117 Resp: 24174
Ion Ratio Lower Upper
117 100
119 2.8 80.5 120.7#
121 0.0 25.4 38.0#

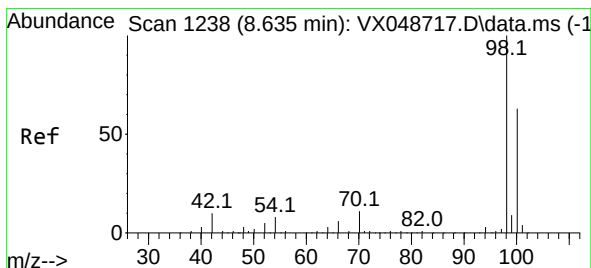
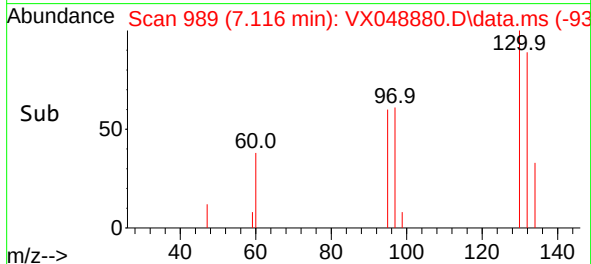
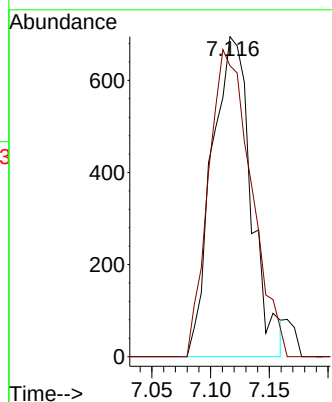
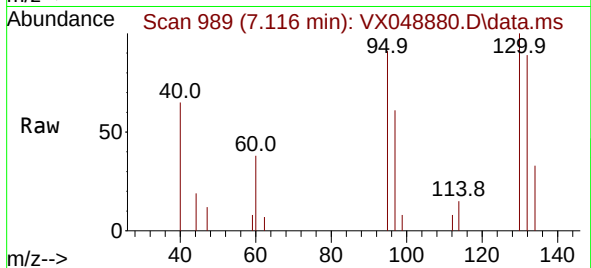




#44
 Trichloroethene
 Concen: 0.559 ug/l
 RT: 7.116 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VX048880.D
 Acq: 15 Dec 2025 16:03

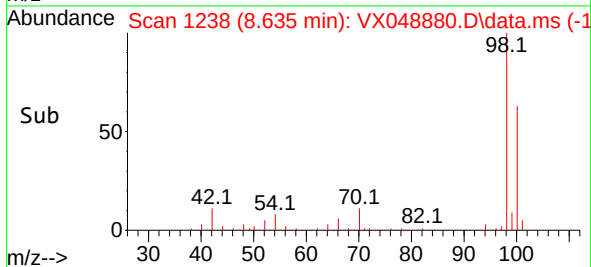
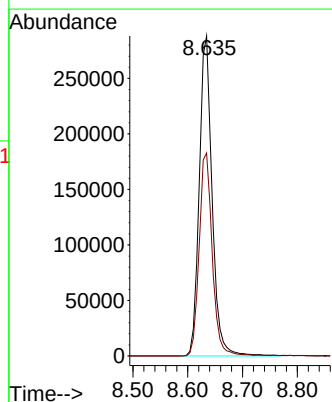
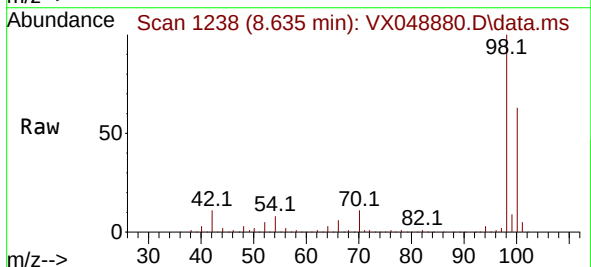
Instrument :
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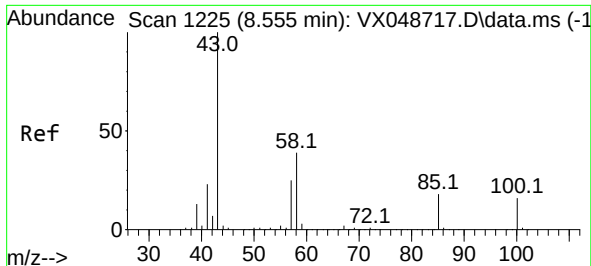
Tgt Ion:130 Resp: 1615
 Ion Ratio Lower Upper
 130 100
 95 90.9 0.0 189.6



#50
 Toluene-d8
 Concen: 49.246 ug/l
 RT: 8.635 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: VX048880.D
 Acq: 15 Dec 2025 16:03

Tgt Ion: 98 Resp: 470992
 Ion Ratio Lower Upper
 98 100
 100 64.7 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 0.473 ug/l

RT: 8.628 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX048880.D

Acq: 15 Dec 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

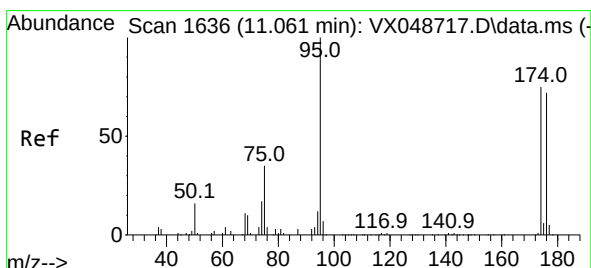
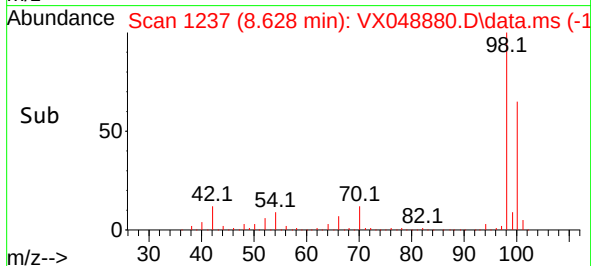
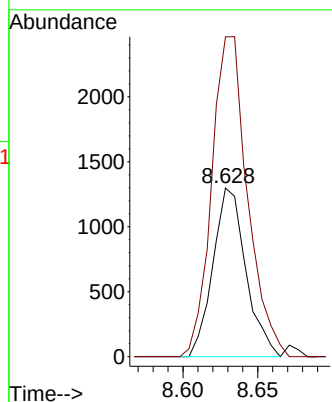
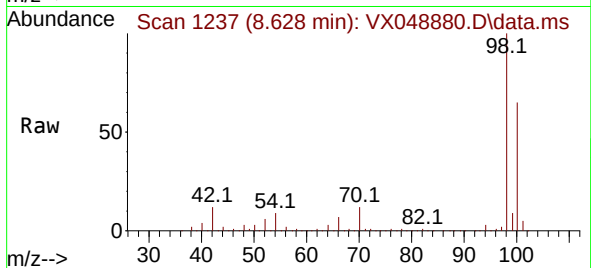
TB01-121225

Tgt Ion: 43 Resp: 1984

Ion Ratio Lower Upper

43 100

58 207.0 32.2 48.4#



#62

4-Bromofluorobenzene

Concen: 39.914 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX048880.D

Acq: 15 Dec 2025 16:03

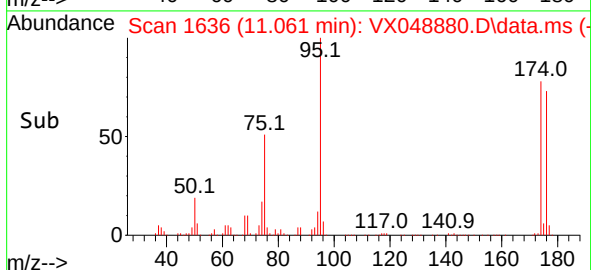
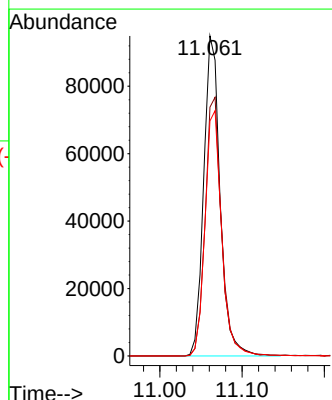
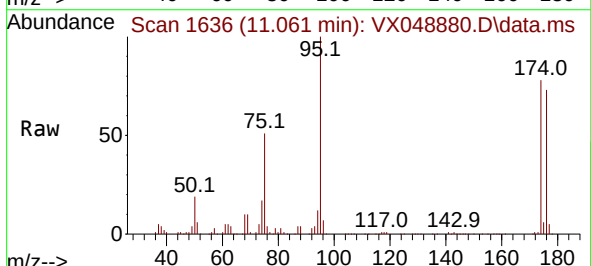
Tgt Ion: 95 Resp: 131637

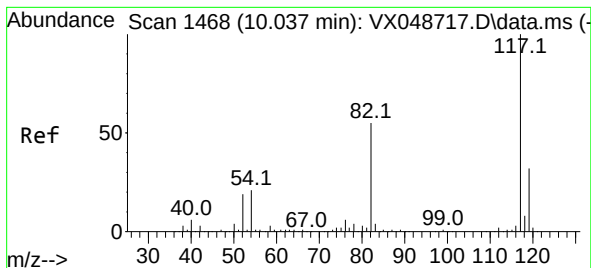
Ion Ratio Lower Upper

95 100

174 81.0 0.0 157.8

176 78.0 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: VX048880.D

Acq: 15 Dec 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

TB01-121225

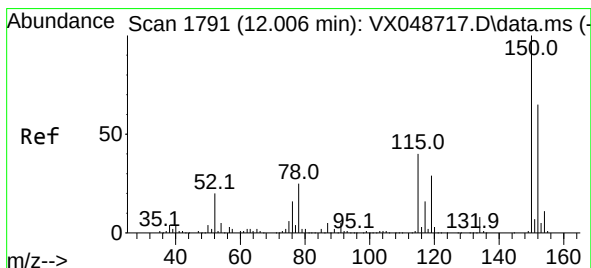
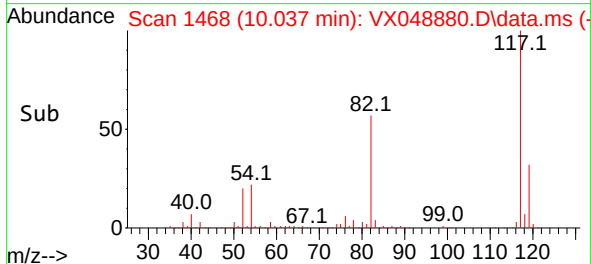
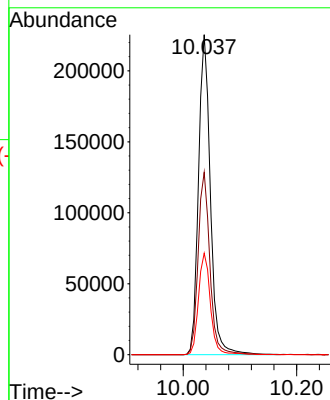
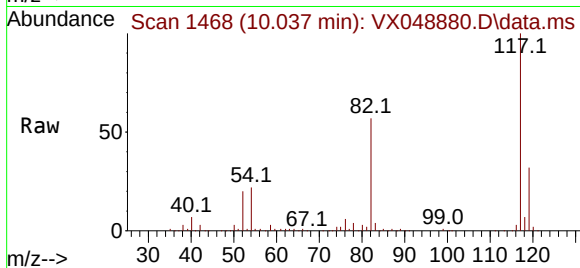
Tgt Ion:117 Resp: 327570

Ion Ratio Lower Upper

117 100

82 57.0 44.1 66.1

119 31.7 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048880.D

Acq: 15 Dec 2025 16:03

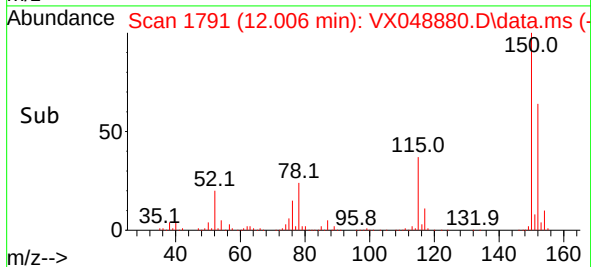
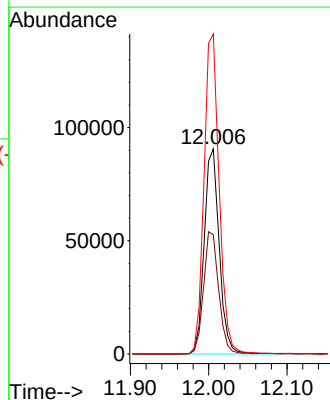
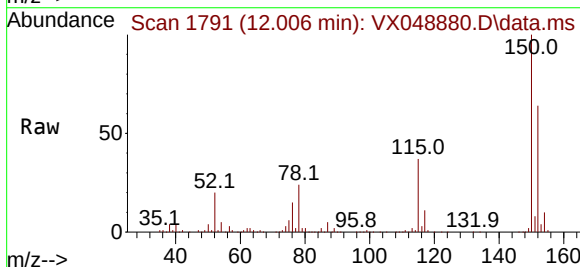
Tgt Ion:152 Resp: 120220

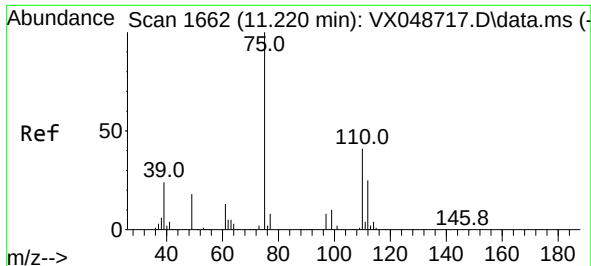
Ion Ratio Lower Upper

152 100

115 60.3 42.1 126.4

150 158.2 0.0 347.8

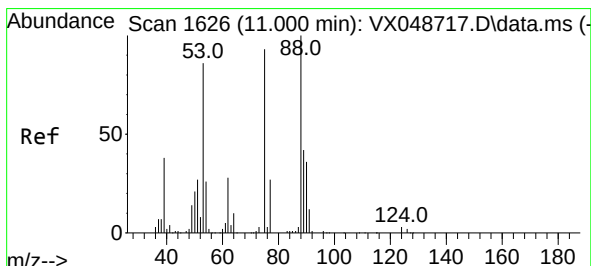
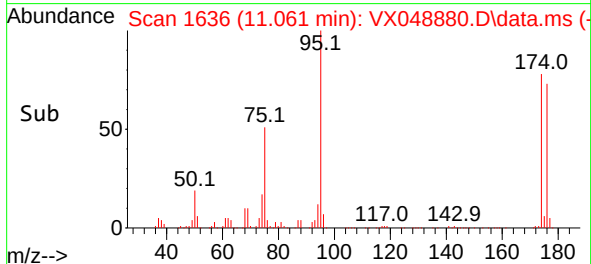
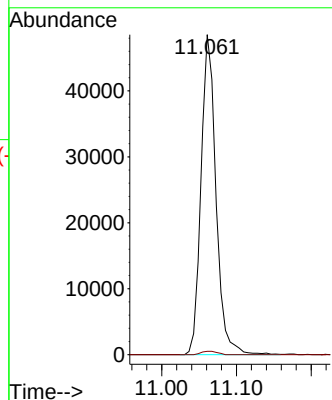
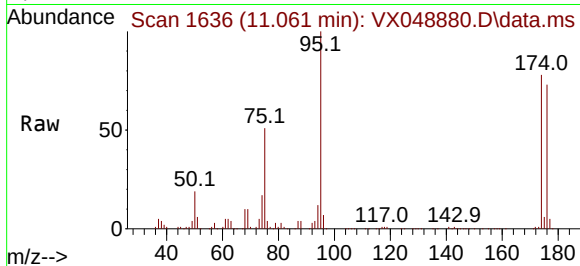




#76
1,2,3-Trichloropropane
Concen: 30.124 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048880.D
Acq: 15 Dec 2025 16:03

Instrument :
MSVOA_X
ClientSampleId :
TB01-121225

Tgt Ion: 75 Resp: 67451
Ion Ratio Lower Upper
75 100
77 1.1 24.3 73.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.556 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048880.D
Acq: 15 Dec 2025 16:03

Tgt Ion: 75 Resp: 67451
Ion Ratio Lower Upper
75 100
53 0.0 79.9 119.9#
89 0.1 67.1 100.7#

