

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112425\
 Data File : VX048660.D
 Acq On : 24 Nov 2025 13:56
 Operator : JC/MD
 Sample : VX1124WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBL01

Quant Time: Nov 26 00:24:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	214588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	413236	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	436701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	231925	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	140122	46.862	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.720%
35) Dibromofluoromethane	5.373	113	133054	42.542	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.080%
50) Toluene-d8	8.634	98	462882	47.453	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.900%
62) 4-Bromofluorobenzene	11.061	95	199508	54.882	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.760%

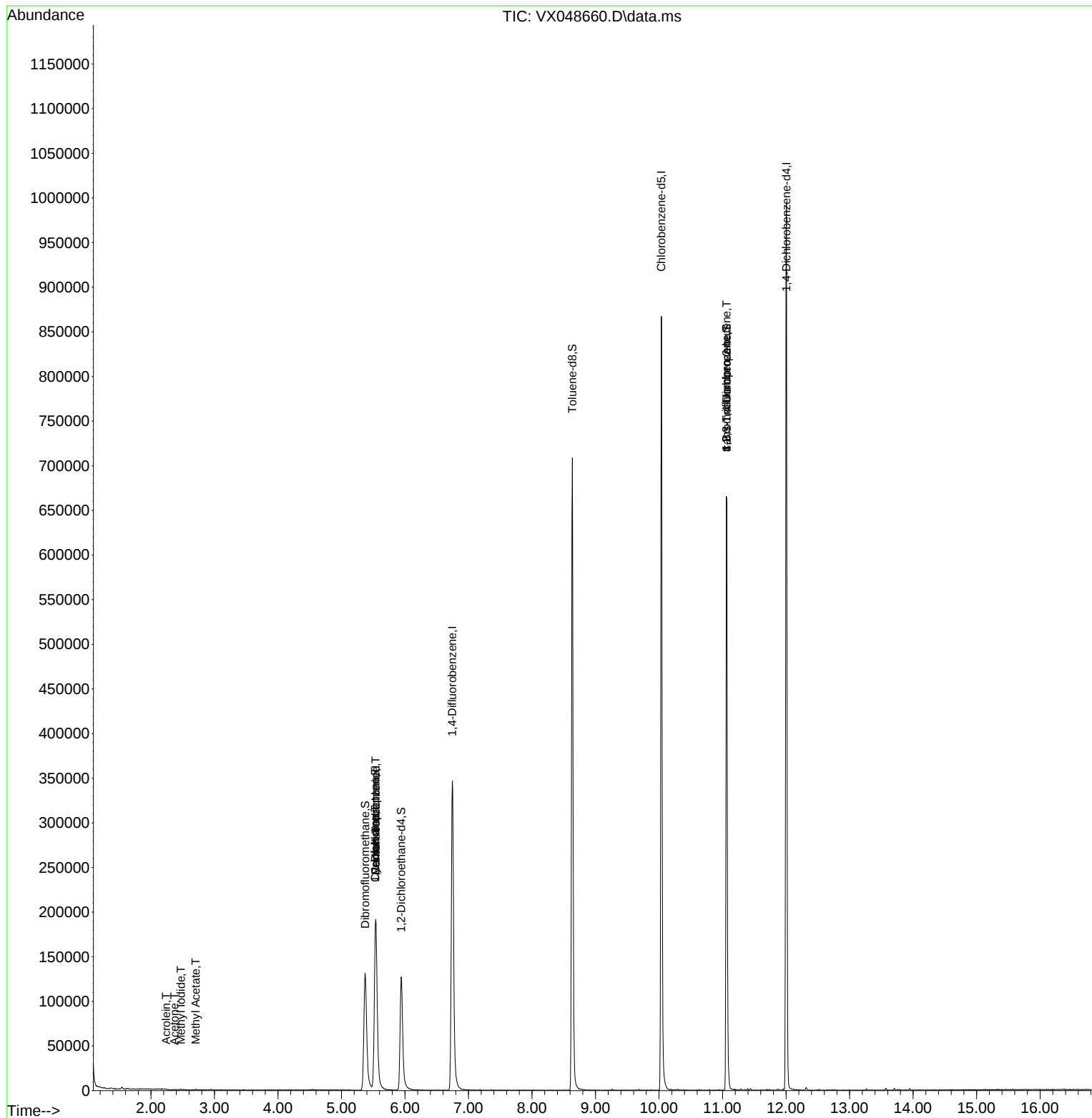
Target Compounds					Qvalue	
10) Methyl Iodide	2.471	142	959	0.271	ug/l #	93
13) Acrolein	2.239	56	60	0.732	ug/l #	15
16) Acetone	2.367	43	634	0.448	ug/l #	42
18) Methyl Acetate	2.703	43	1210	0.311	ug/l #	83
31) Cyclohexane	5.531	56	3766	0.938	ug/l #	1
36) 1,1-Dichloropropene	5.531	75	15419	3.682	ug/l #	49
38) Carbon Tetrachloride	5.537	117	21475	4.505	ug/l #	19
76) 1,2,3-Trichloropropane	11.061	75	96731	17.312	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	96731	49.519	ug/l #	12

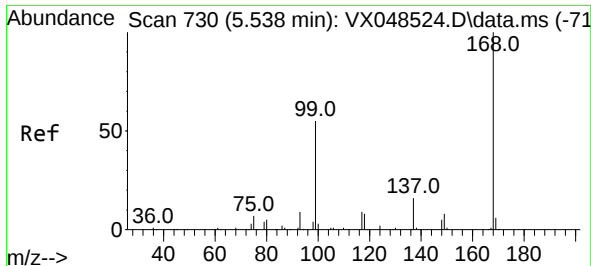
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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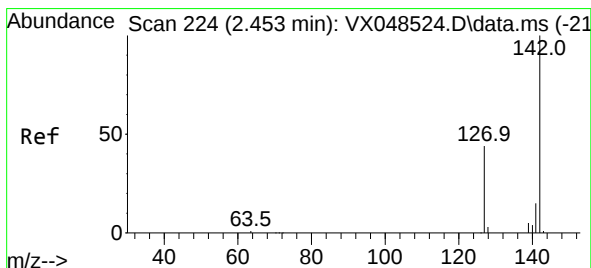
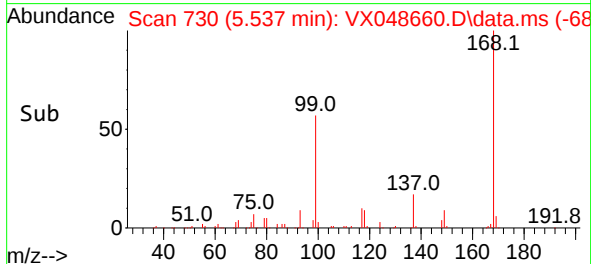
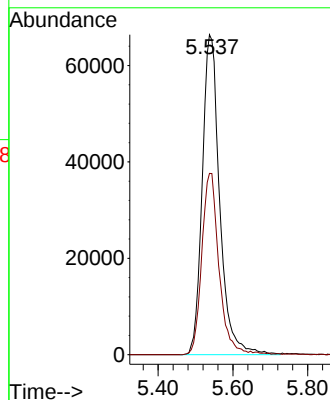
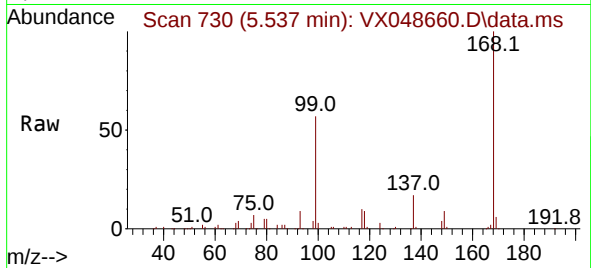




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048660.D
Acq: 24 Nov 2025 13:56

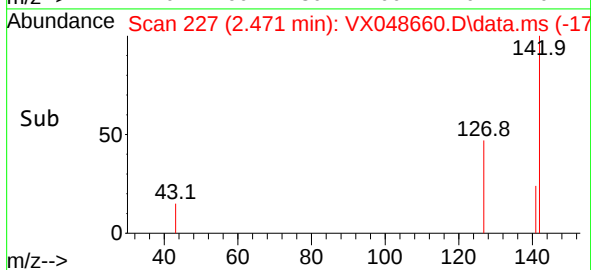
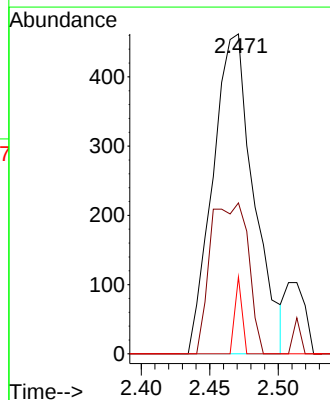
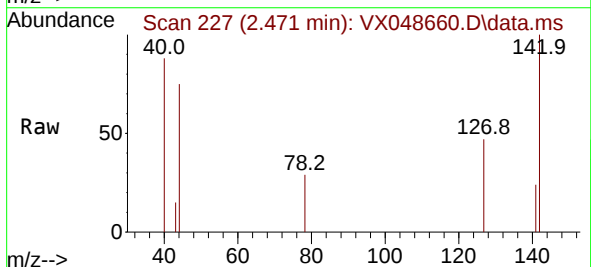
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBL01

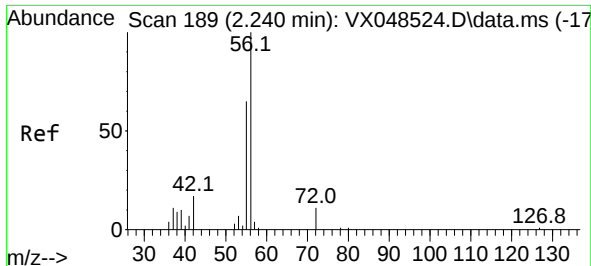
Tgt Ion:168 Resp: 214588
Ion Ratio Lower Upper
168 100
99 56.6 45.2 67.8



#10
Methyl Iodide
Concen: 0.271 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX048660.D
Acq: 24 Nov 2025 13:56

Tgt Ion:142 Resp: 959
Ion Ratio Lower Upper
142 100
127 43.6 35.8 53.6
141 4.3 11.4 17.0#

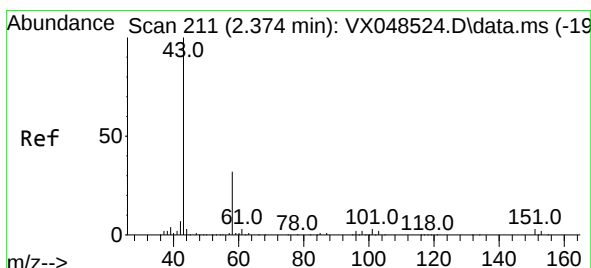
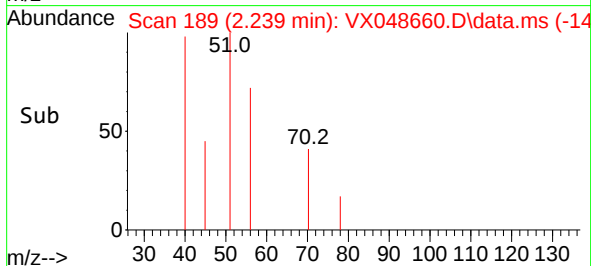
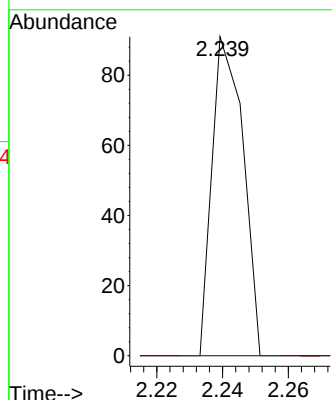
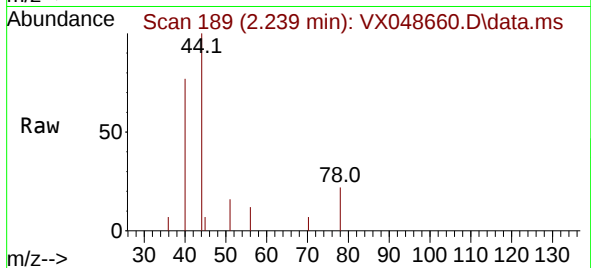




#13
Acrolein
Concen: 0.732 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048660.D
Acq: 24 Nov 2025 13:56

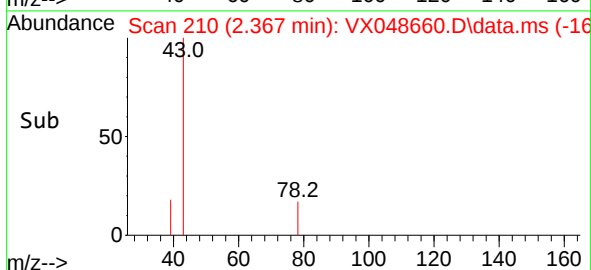
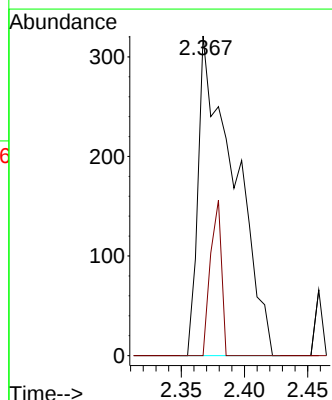
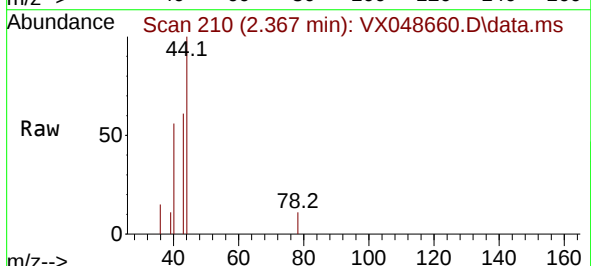
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBL01

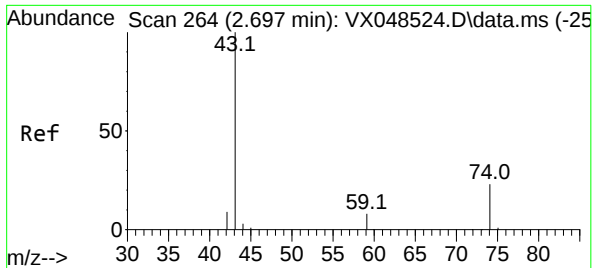
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 0.0 54.9 82.3#



#16
Acetone
Concen: 0.448 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048660.D
Acq: 24 Nov 2025 13:56

Tgt Ion: 43 Resp: 634
Ion Ratio Lower Upper
43 100
58 0.0 25.8 38.6#

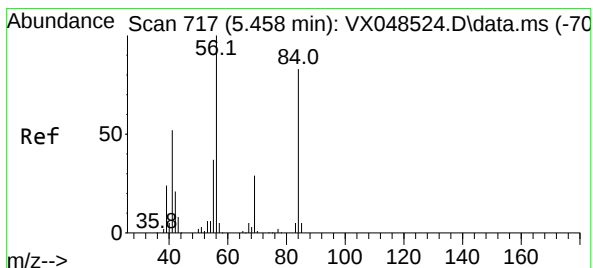
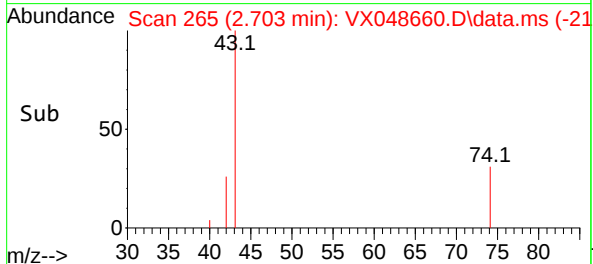
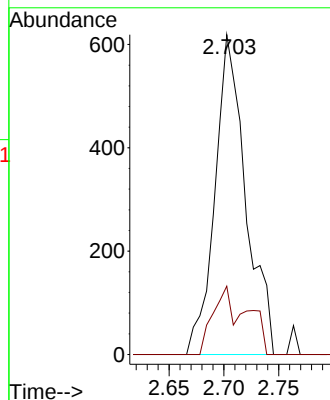
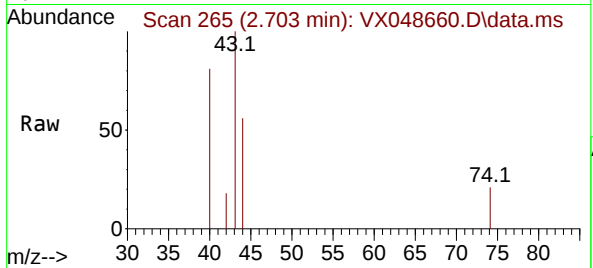




#18
Methyl Acetate
Concen: 0.311 ug/l
RT: 2.703 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048660.D
Acq: 24 Nov 2025 13:56

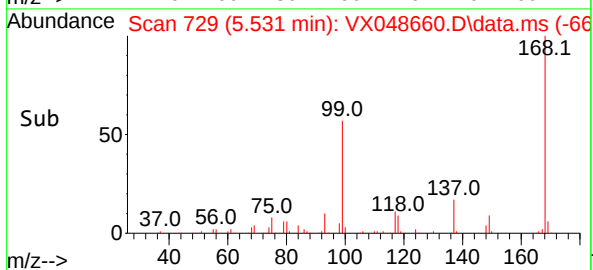
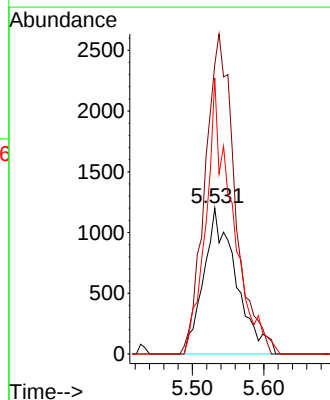
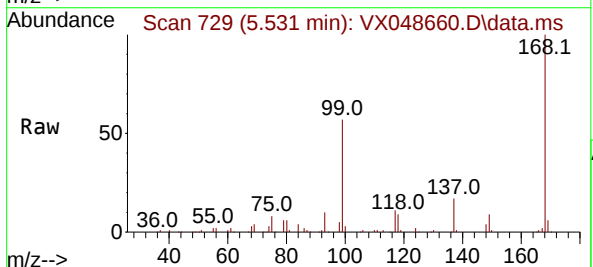
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBL01

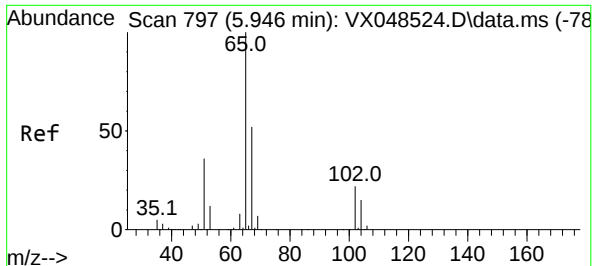
Tgt Ion: 43 Resp: 1210
Ion Ratio Lower Upper
43 100
74 15.4 19.1 28.7#



#31
Cyclohexane
Concen: 0.938 ug/l
RT: 5.531 min Scan# 729
Delta R.T. 0.073 min
Lab File: VX048660.D
Acq: 24 Nov 2025 13:56

Tgt Ion: 56 Resp: 3766
Ion Ratio Lower Upper
56 100
69 198.3 23.4 35.2#
84 189.0 66.3 99.5#





#33

1,2-Dichloroethane-d4

Concen: 46.862 ug/l

RT: 5.940 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX048660.D

Acq: 24 Nov 2025 13:56

Instrument :

MSVOA_X

ClientSampleId :

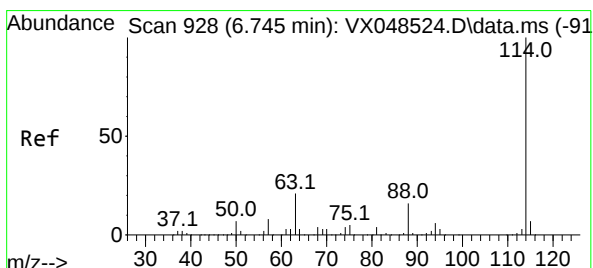
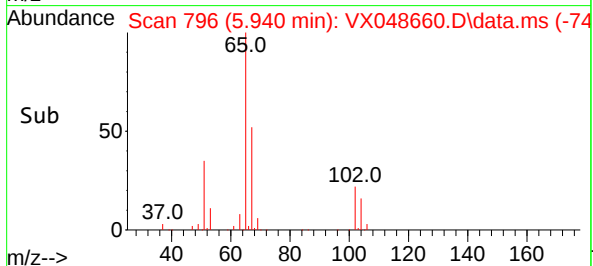
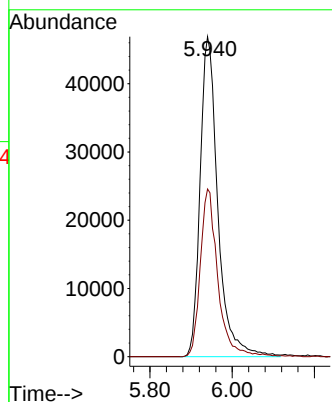
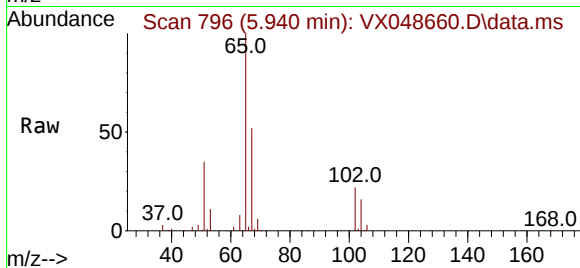
VX1124WBL01

Tgt Ion: 65 Resp: 140122

Ion Ratio Lower Upper

65 100

67 51.4 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048660.D

Acq: 24 Nov 2025 13:56

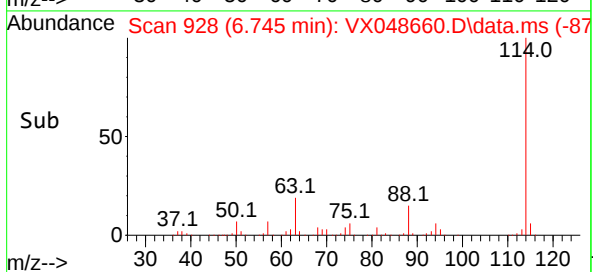
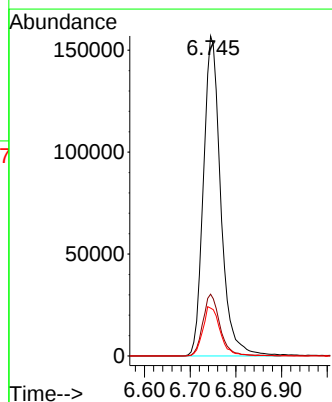
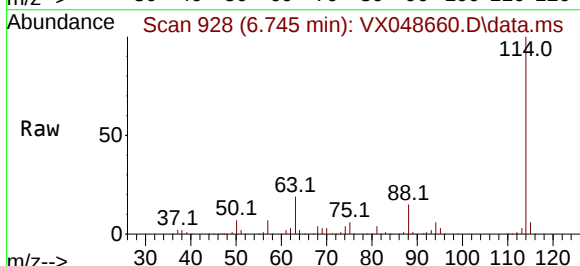
Tgt Ion: 114 Resp: 413236

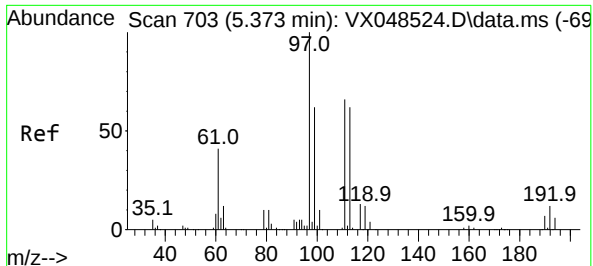
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.2

88 15.0 0.0 32.2

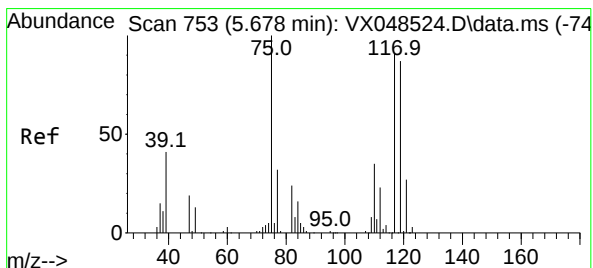
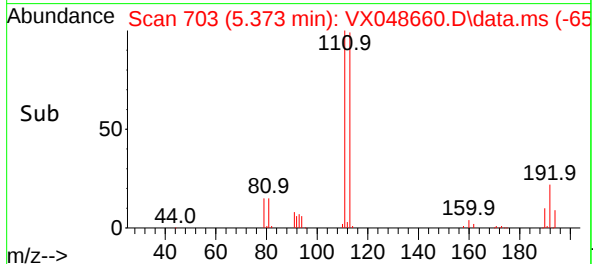
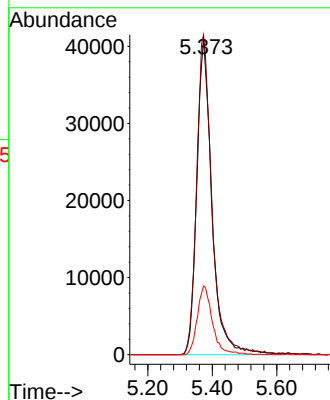
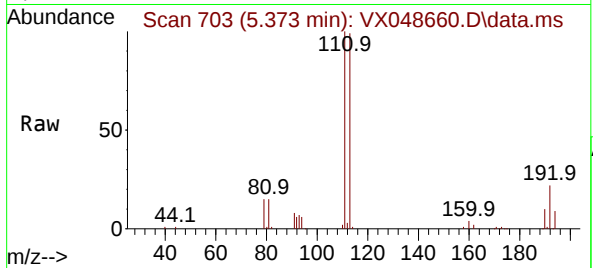




#35
Dibromofluoromethane
Concen: 42.542 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048660.D
Acq: 24 Nov 2025 13:56

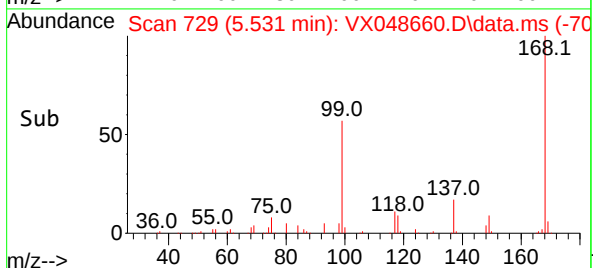
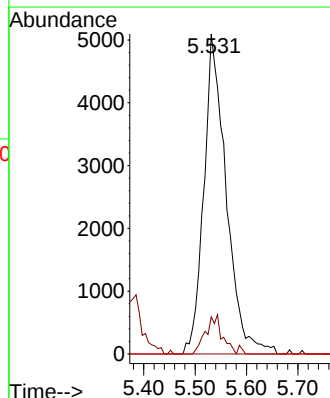
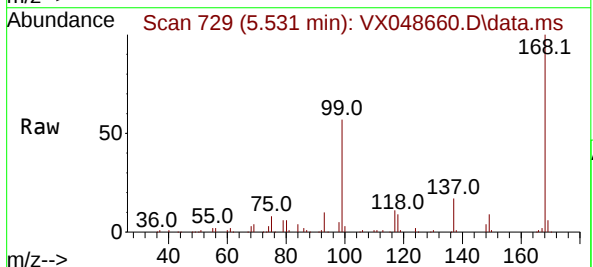
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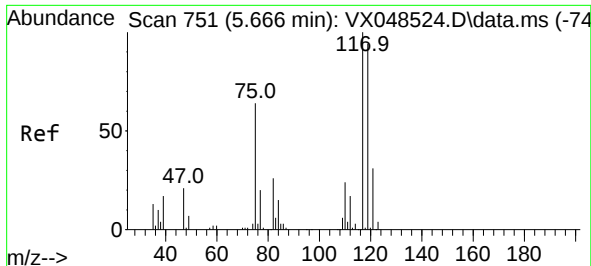
Tgt Ion:113 Resp: 133054
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 21.8 15.8 23.6



#36
1,1-Dichloropropene
Concen: 3.682 ug/l
RT: 5.531 min Scan# 729
Delta R.T. -0.147 min
Lab File: VX048660.D
Acq: 24 Nov 2025 13:56

Tgt Ion: 75 Resp: 15419
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.4#
77 0.0 24.6 37.0#

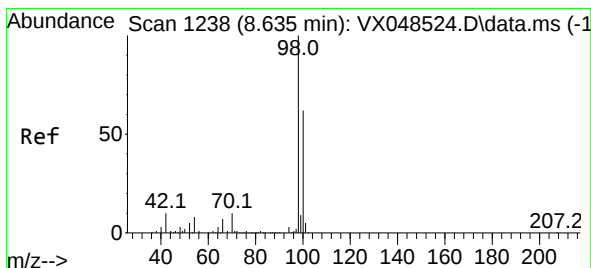
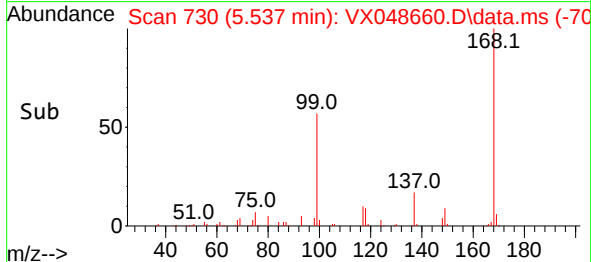
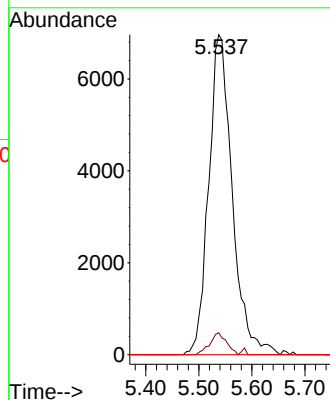
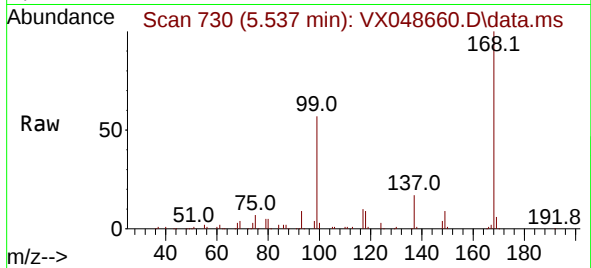




#38
Carbon Tetrachloride
Concen: 4.505 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX048660.D
Acq: 24 Nov 2025 13:56

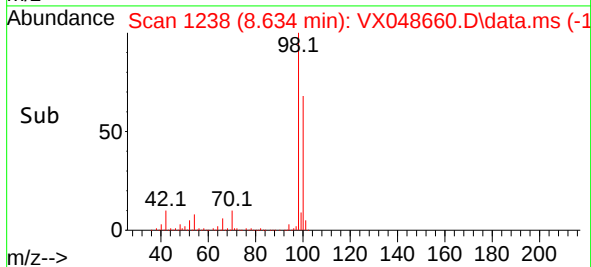
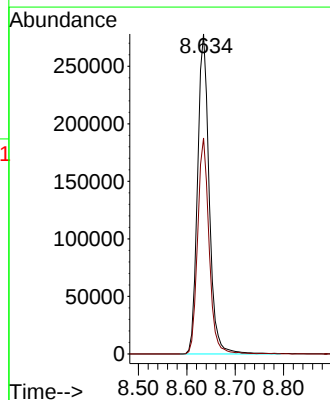
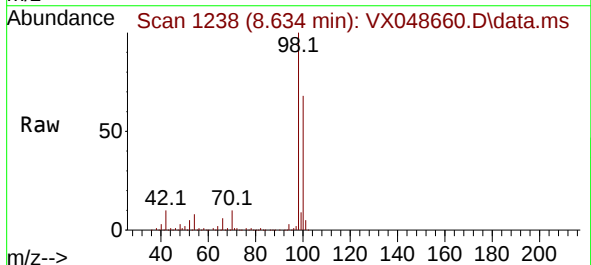
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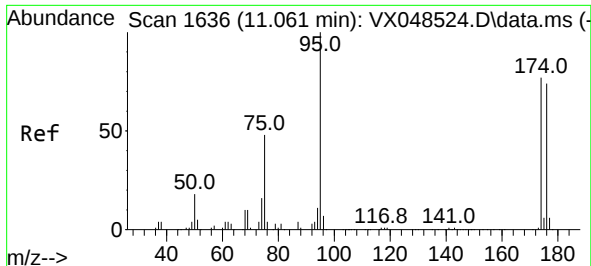
Tgt Ion:117 Resp: 21475
Ion Ratio Lower Upper
117 100
119 6.9 74.5 111.7#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.453 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048660.D
Acq: 24 Nov 2025 13:56

Tgt Ion: 98 Resp: 462882
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4





#62

4-Bromofluorobenzene

Concen: 54.882 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048660.D

Acq: 24 Nov 2025 13:56

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBL01

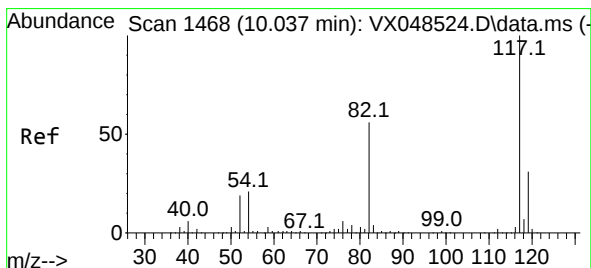
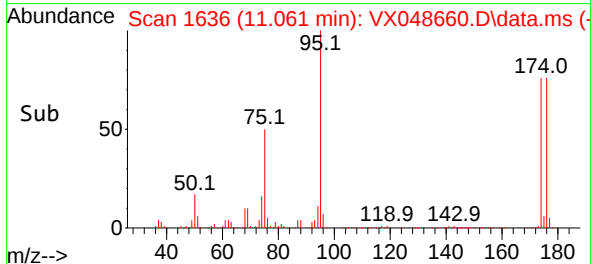
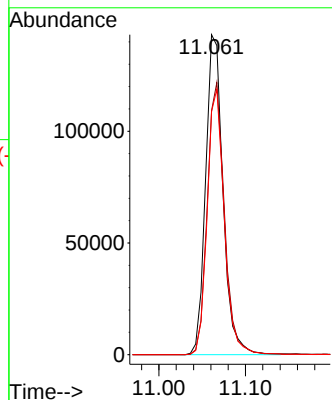
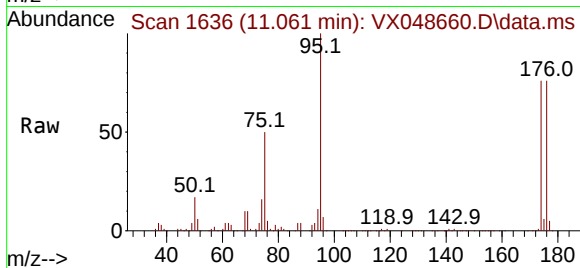
Tgt Ion: 95 Resp: 199508

Ion Ratio Lower Upper

95 100

174 84.5 0.0 161.8

176 81.4 0.0 153.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048660.D

Acq: 24 Nov 2025 13:56

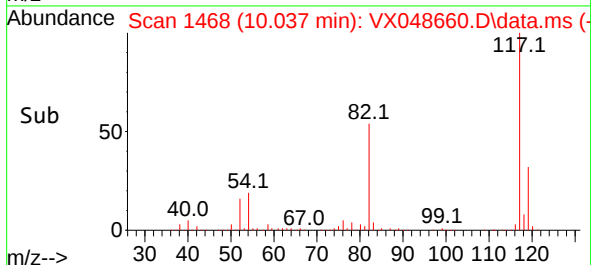
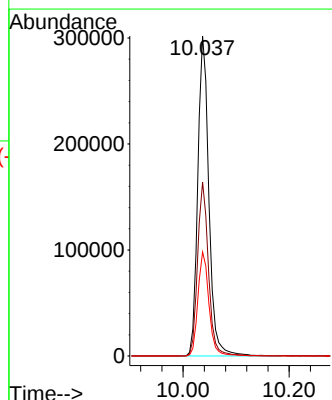
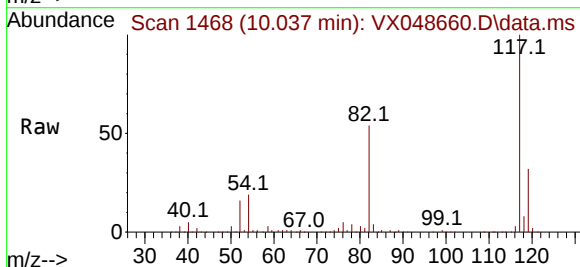
Tgt Ion: 117 Resp: 436701

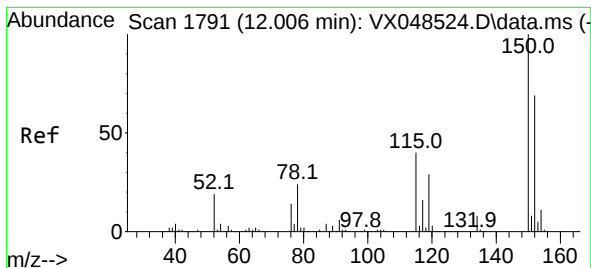
Ion Ratio Lower Upper

117 100

82 54.4 44.4 66.6

119 32.5 25.1 37.7

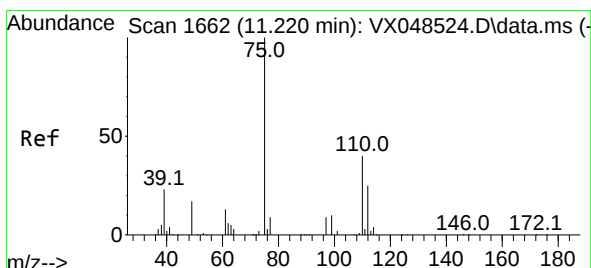
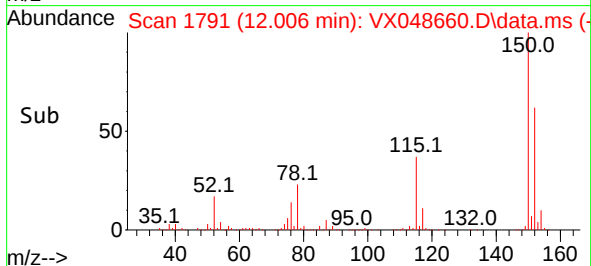
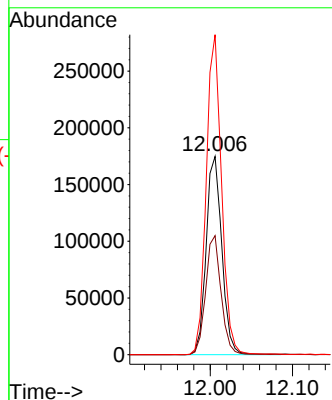
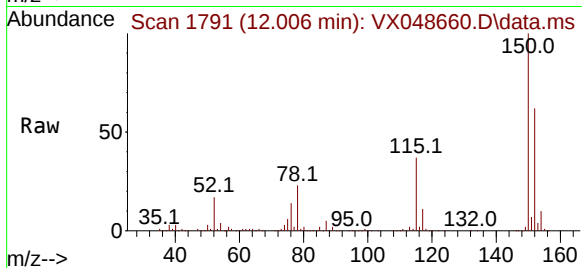




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048660.D
 Acq: 24 Nov 2025 13:56

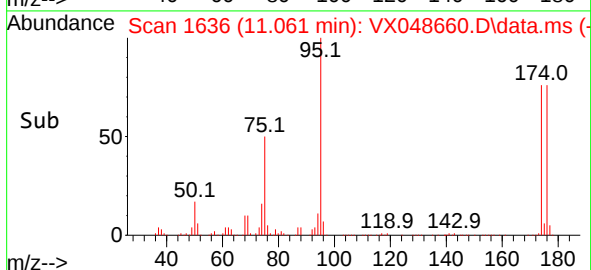
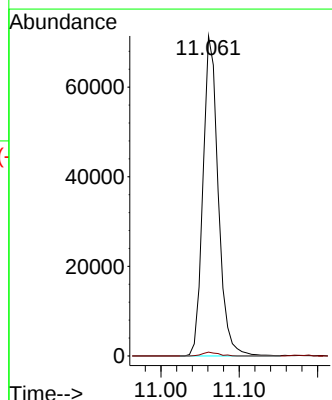
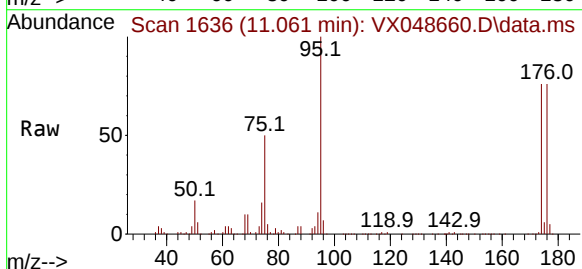
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBL01

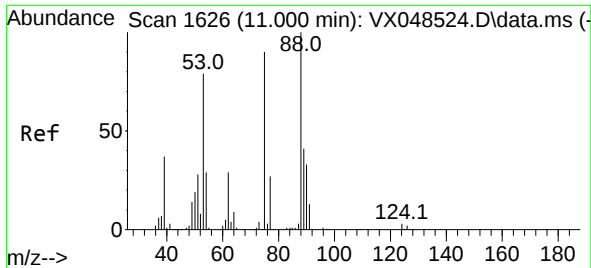
Tgt Ion:152 Resp: 231925
 Ion Ratio Lower Upper
 152 100
 115 59.0 39.2 117.6
 150 157.5 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 17.312 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX048660.D
 Acq: 24 Nov 2025 13:56

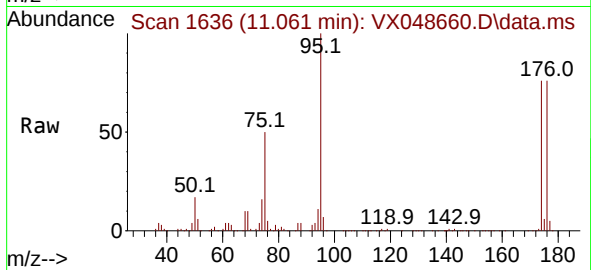
Tgt Ion: 75 Resp: 96731
 Ion Ratio Lower Upper
 75 100
 77 1.3 24.3 72.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 49.519 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX048660.D
Acq: 24 Nov 2025 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBL01



Tgt Ion: 75 Resp: 96731
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 43.6 65.4#

