

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
 Data File : VX048460.D
 Acq On : 03 Nov 2025 16:22
 Operator : JC/MD
 Sample : Q3494-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 00:15:53 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)

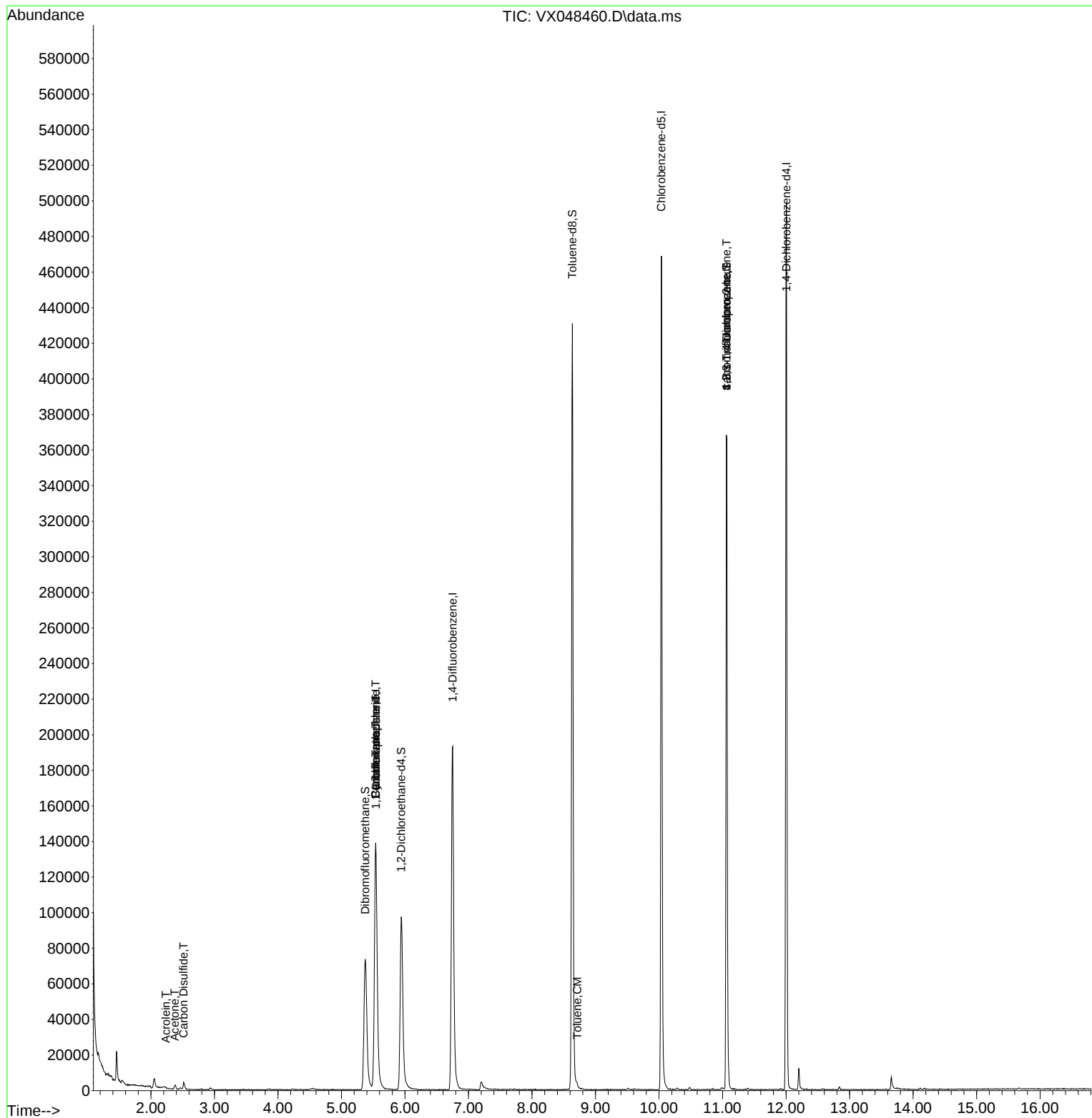
Internal Standards						
1) Pentafluorobenzene	5.538	168	147384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	222925	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	210225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	103668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	108102	51.001	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.000%		
35) Dibromofluoromethane	5.373	113	75144	59.123	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 118.240%		
50) Toluene-d8	8.635	98	264437	47.133	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 94.260%		
62) 4-Bromofluorobenzene	11.061	95	107228	51.091	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 102.180%		
Target Compounds						
					Qvalue	
13) Acrolein	2.233	56	238	0.702	ug/l #	41
16) Acetone	2.373	43	3478	7.240	ug/l	95
17) Carbon Disulfide	2.514	76	4718	0.959	ug/l	96
31) Cyclohexane	5.538	56	2693	0.919	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11186	5.241	ug/l #	50
38) Carbon Tetrachloride	5.538	117	14792	6.002	ug/l #	15
52) Toluene	8.714	92	922	0.226	ug/l	84
76) 1,2,3-Trichloropropane	11.061	75	58196	39.035	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	58196	135.084	ug/l #	10

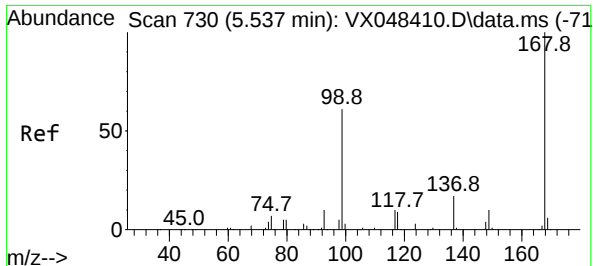
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
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MSVOA_X
ClientSampleId :

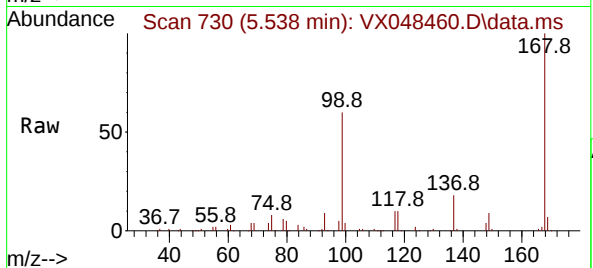
Quant Time: Nov 04 00:15:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
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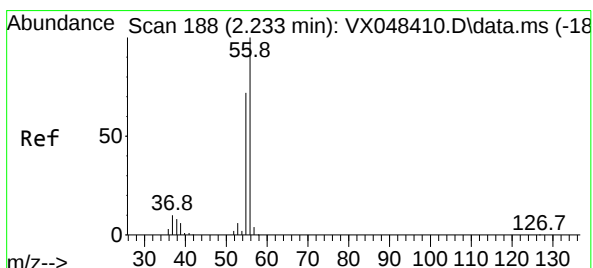
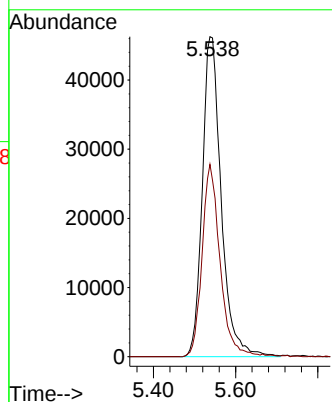
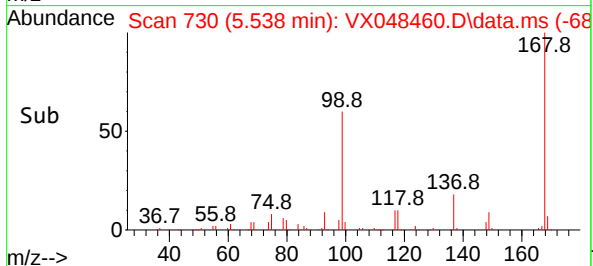


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX048460.D
Acq: 03 Nov 2025 16:22

Instrument :
MSVOA_X
ClientSampleId :

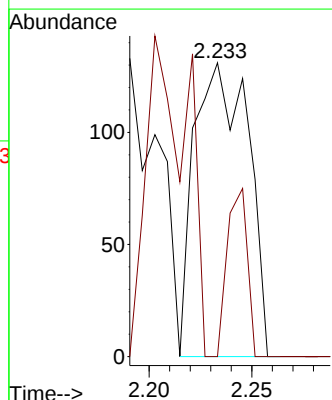
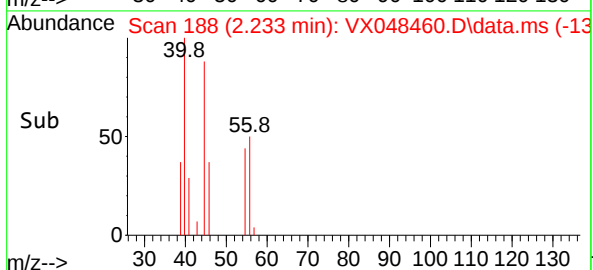
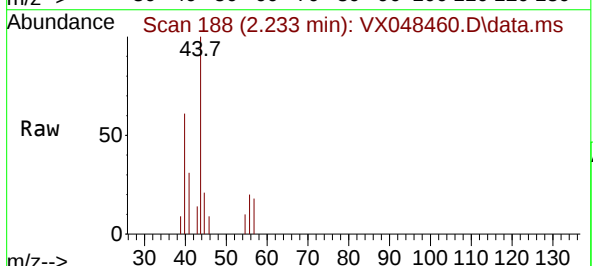


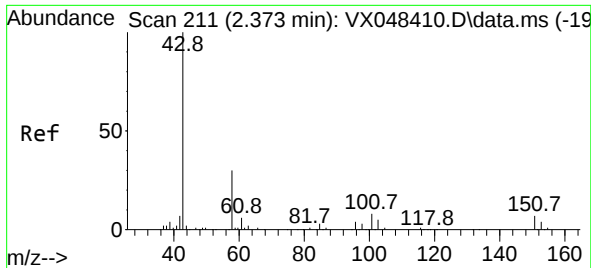
Tgt Ion:168 Resp: 147384
Ion Ratio Lower Upper
168 100
99 60.1 46.4 69.6



#13
Acrolein
Concen: 0.702 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX048460.D
Acq: 03 Nov 2025 16:22

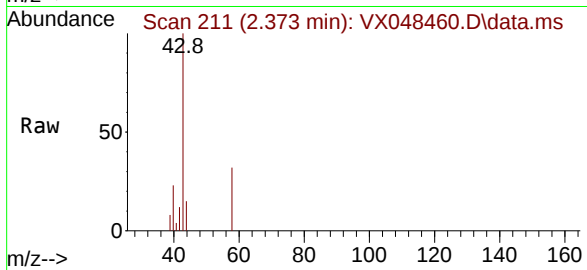
Tgt Ion: 56 Resp: 238
Ion Ratio Lower Upper
56 100
55 21.4 56.1 84.1#



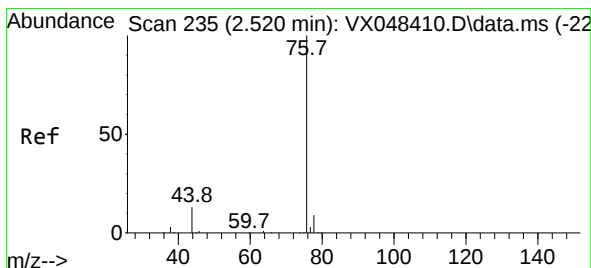
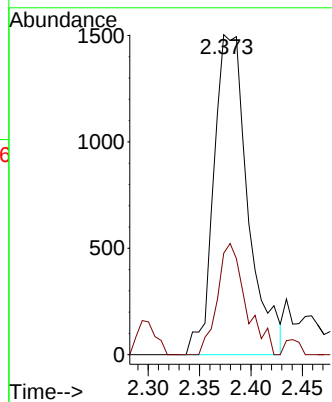
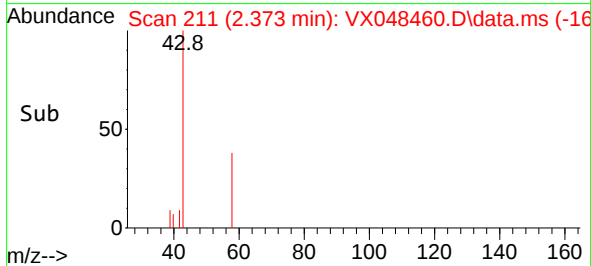


#16
Acetone
Concen: 7.240 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048460.D
Acq: 03 Nov 2025 16:22

Instrument :
MSVOA_X
ClientSampleId :

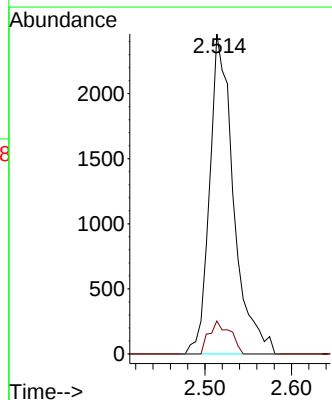
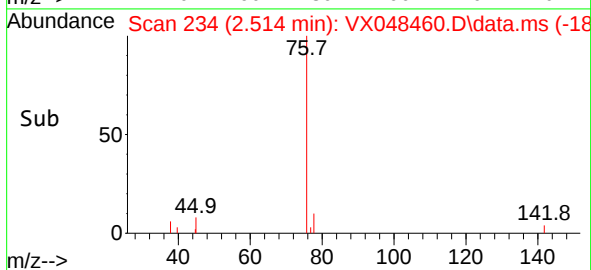
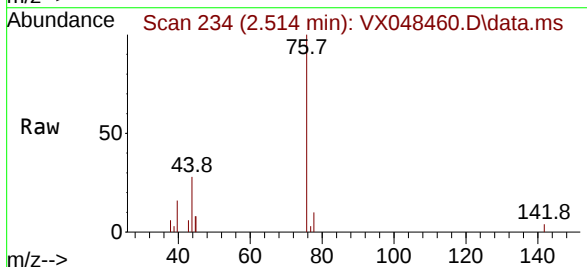


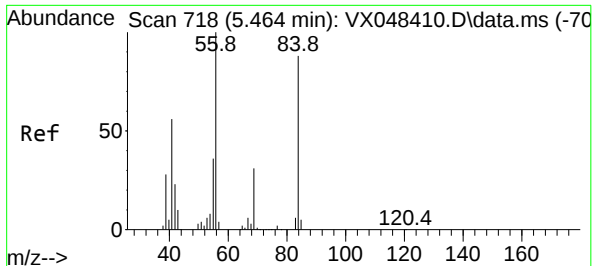
Tgt Ion: 43 Resp: 3478
Ion Ratio Lower Upper
43 100
58 31.7 23.4 35.2



#17
Carbon Disulfide
Concen: 0.959 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.006 min
Lab File: VX048460.D
Acq: 03 Nov 2025 16:22

Tgt Ion: 76 Resp: 4718
Ion Ratio Lower Upper
76 100
78 10.3 7.1 10.7

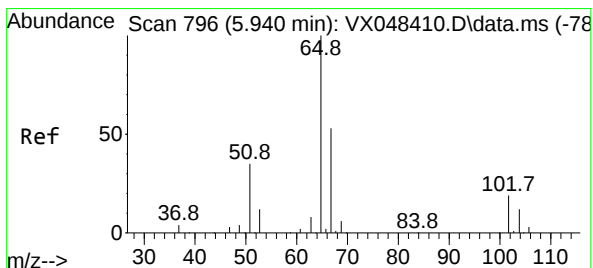
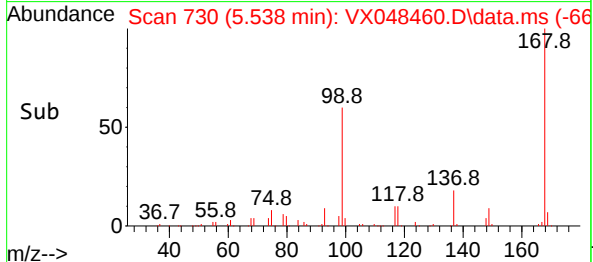
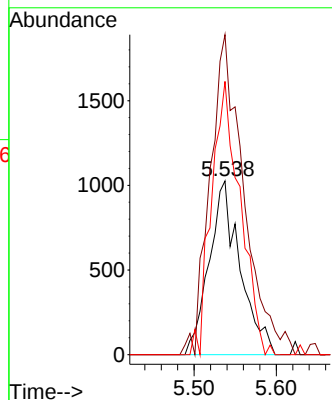
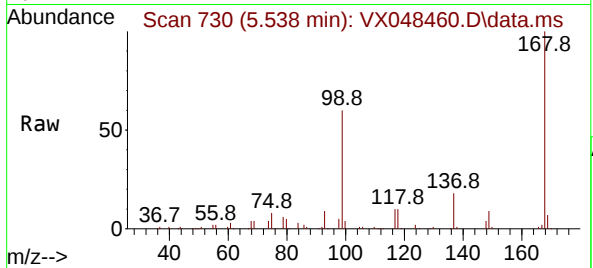




#31
Cyclohexane
Concen: 0.919 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX048460.D
Acq: 03 Nov 2025 16:22

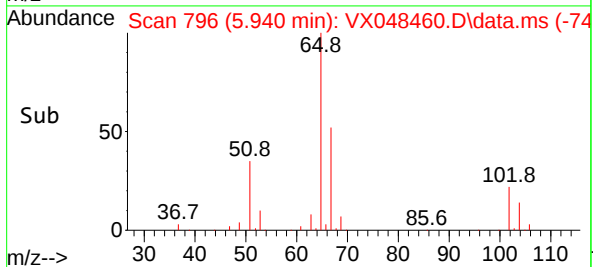
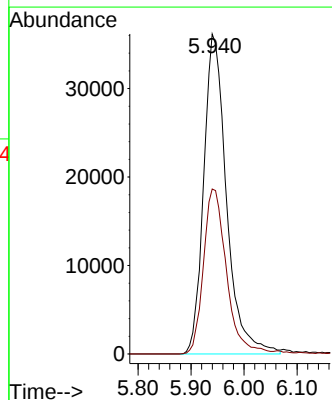
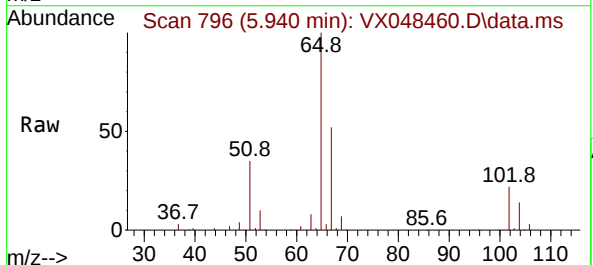
Instrument :
MSVOA_X
ClientSampleId :

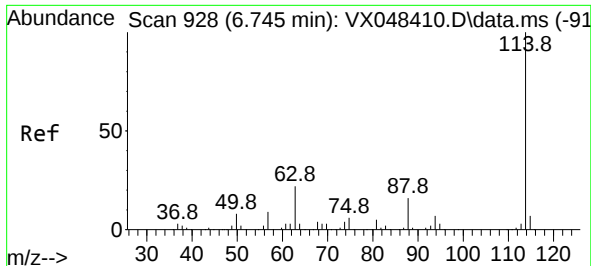
Tgt Ion: 56 Resp: 2693
Ion Ratio Lower Upper
56 100
69 184.2 23.0 34.6#
84 157.3 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 51.001 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048460.D
Acq: 03 Nov 2025 16:22

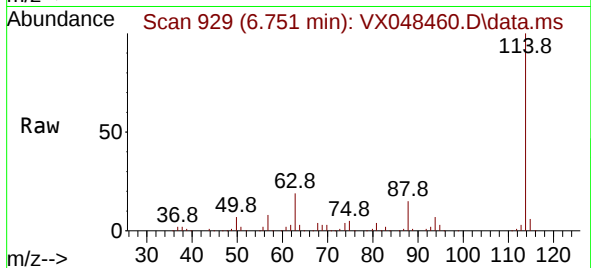
Tgt Ion: 65 Resp: 108102
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.0



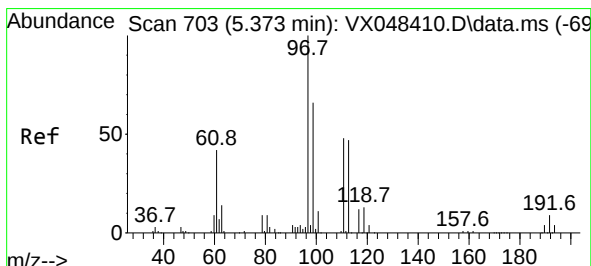
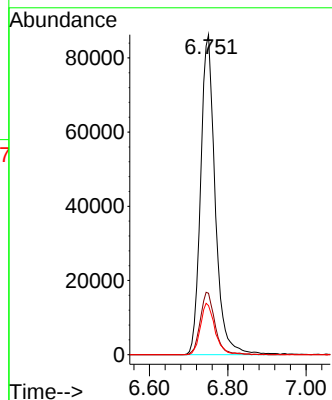
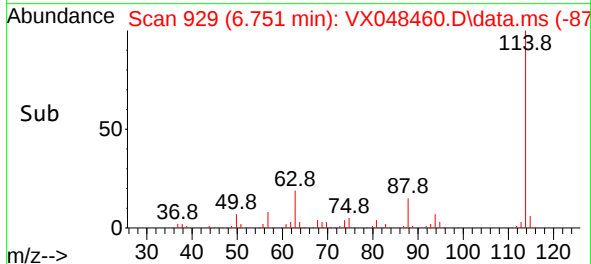


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048460.D
Acq: 03 Nov 2025 16:22

Instrument :
MSVOA_X
ClientSampleId :

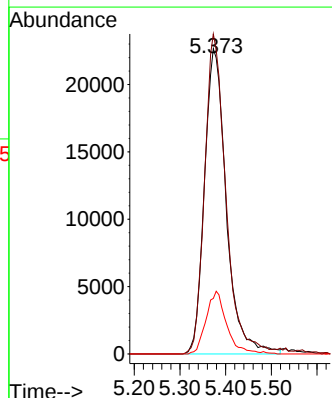
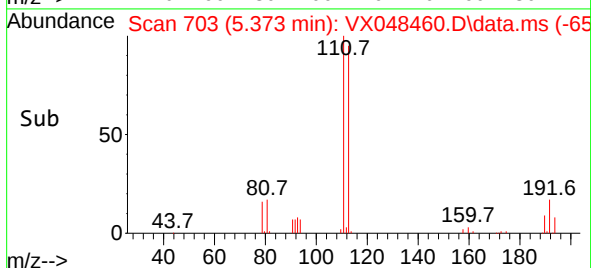
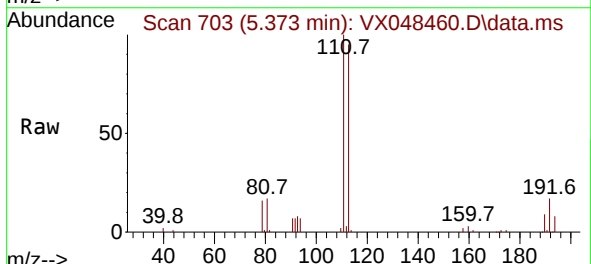


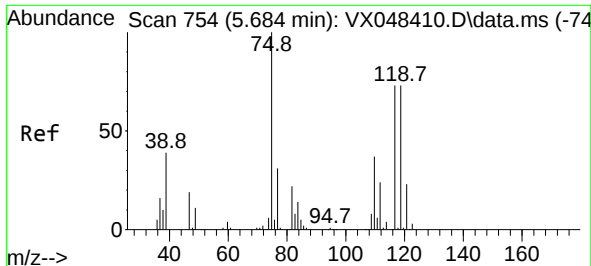
Tgt Ion:114 Resp: 222925
Ion Ratio Lower Upper
114 100
63 19.2 0.0 43.2
88 15.4 0.0 33.6



#35
Dibromofluoromethane
Concen: 59.123 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048460.D
Acq: 03 Nov 2025 16:22

Tgt Ion:113 Resp: 75144
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 19.3 15.1 22.7





#36

1,1-Dichloropropene

Concen: 5.241 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX048460.D

Acq: 03 Nov 2025 16:22

Instrument :

MSVOA_X

ClientSampleId :

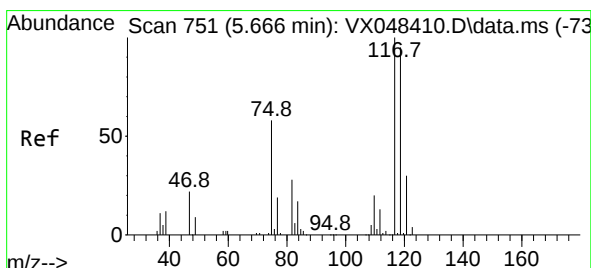
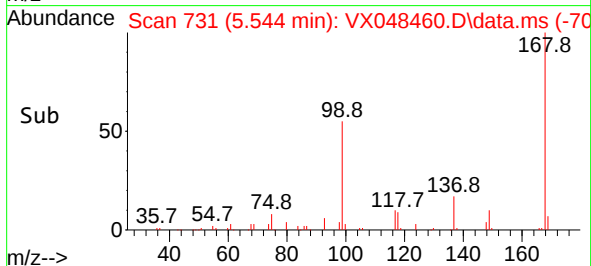
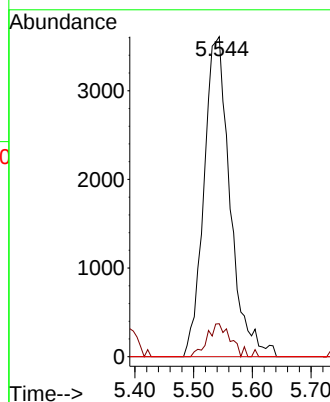
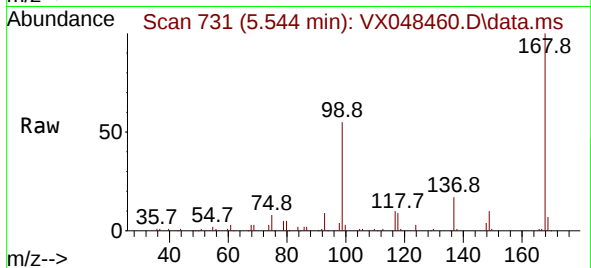
Tgt Ion: 75 Resp: 11186

Ion Ratio Lower Upper

75 100

110 9.2 17.7 53.1#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.002 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.128 min

Lab File: VX048460.D

Acq: 03 Nov 2025 16:22

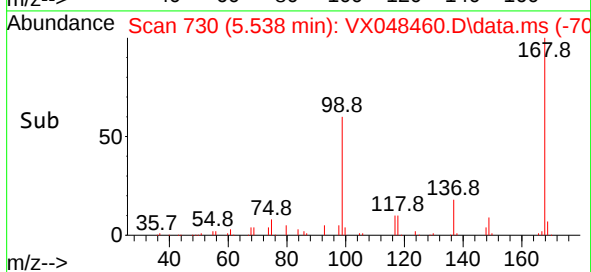
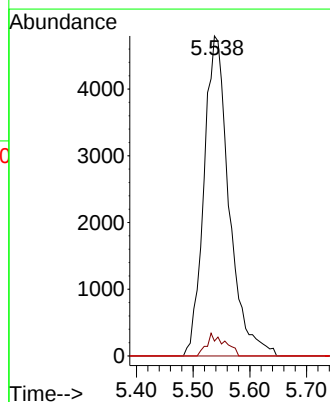
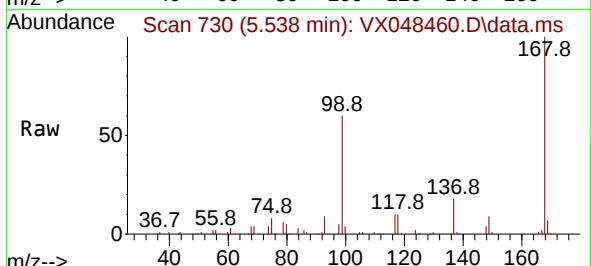
Tgt Ion: 117 Resp: 14792

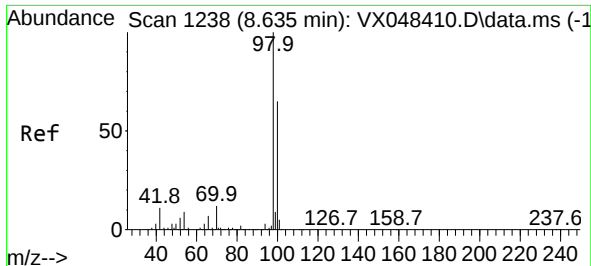
Ion Ratio Lower Upper

117 100

119 4.7 77.2 115.8#

121 0.0 24.8 37.2#

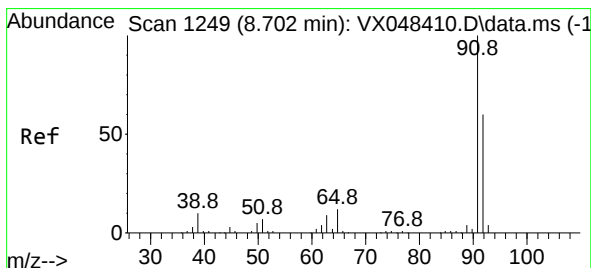
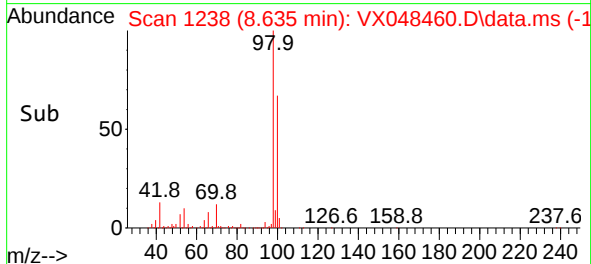
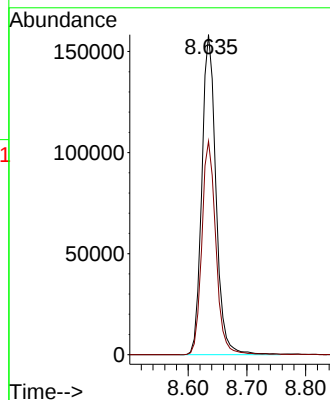
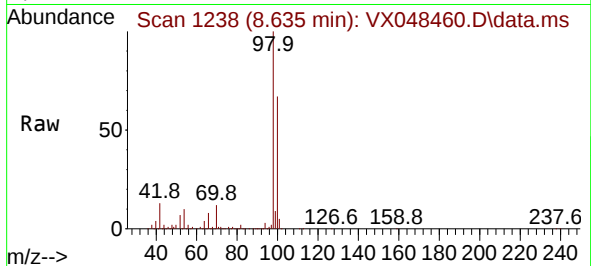




#50
Toluene-d8
Concen: 47.133 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048460.D
Acq: 03 Nov 2025 16:22

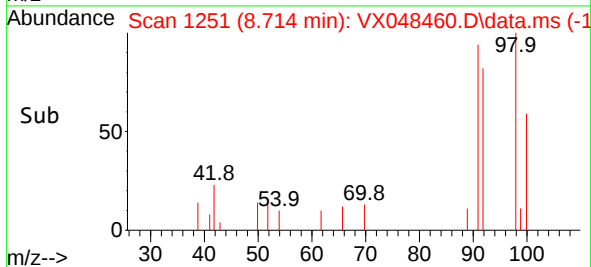
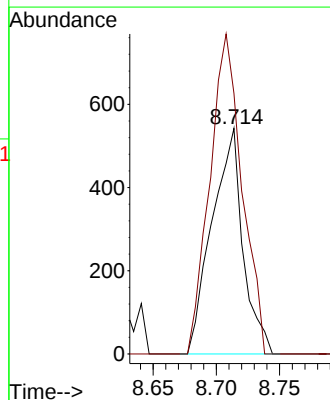
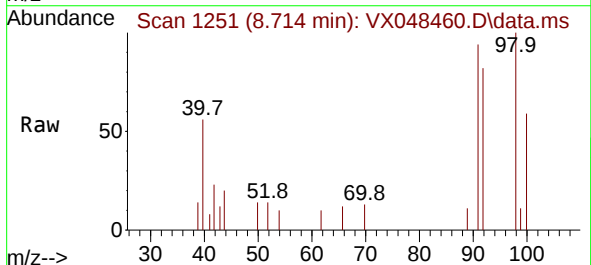
Instrument :
MSVOA_X
ClientSampleId :

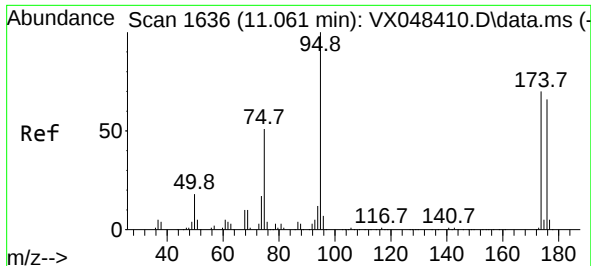
Tgt Ion: 98 Resp: 264437
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#52
Toluene
Concen: 0.226 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.012 min
Lab File: VX048460.D
Acq: 03 Nov 2025 16:22

Tgt Ion: 92 Resp: 922
Ion Ratio Lower Upper
92 100
91 147.9 136.1 204.1

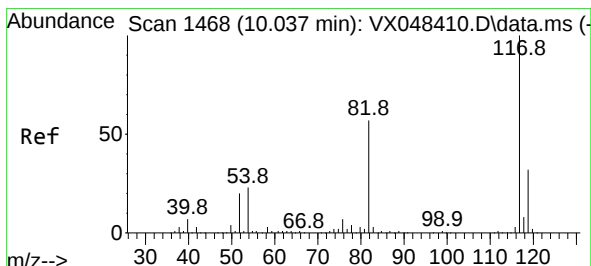
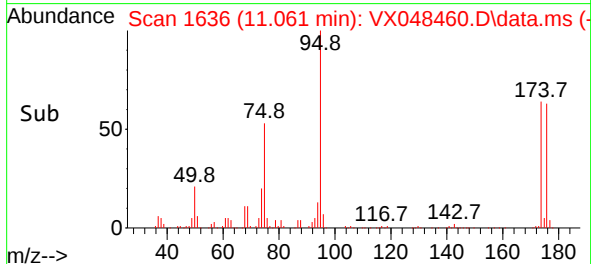
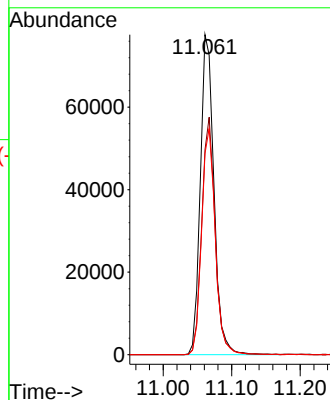
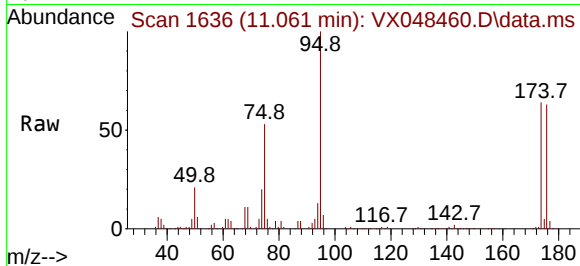




#62
4-Bromofluorobenzene
Concen: 51.091 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048460.D
Acq: 03 Nov 2025 16:22

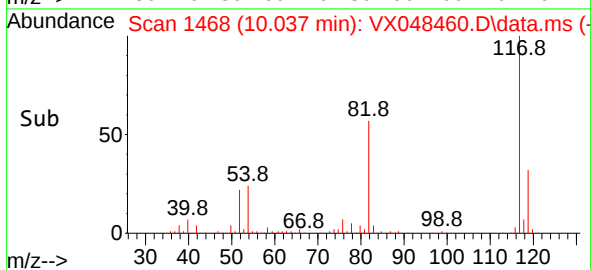
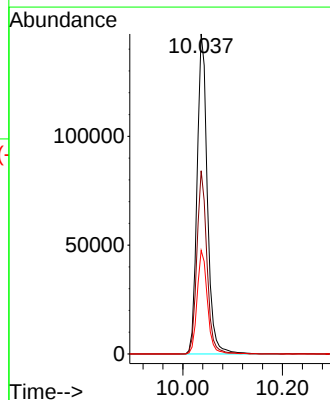
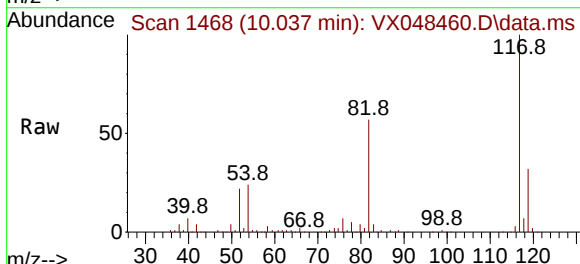
Instrument :
MSVOA_X
ClientSampleId :

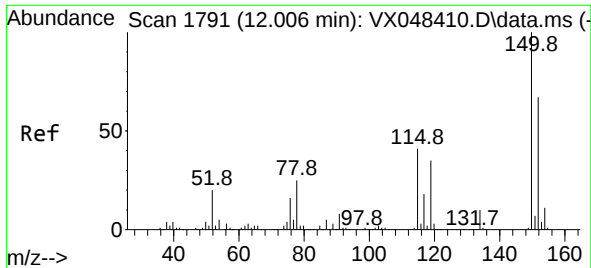
Tgt Ion: 95 Resp: 107228
Ion Ratio Lower Upper
95 100
174 73.2 0.0 147.8
176 71.0 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048460.D
Acq: 03 Nov 2025 16:22

Tgt Ion: 117 Resp: 210225
Ion Ratio Lower Upper
117 100
82 57.3 46.5 69.7
119 32.4 25.9 38.9

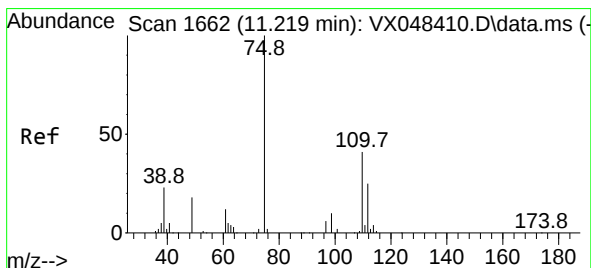
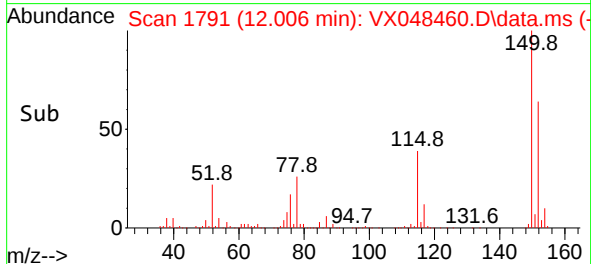
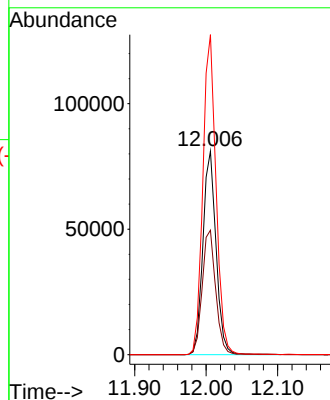
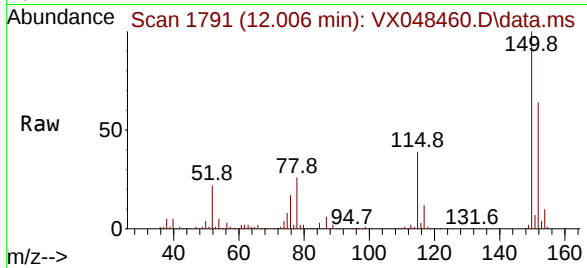




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX048460.D
 Acq: 03 Nov 2025 16:22

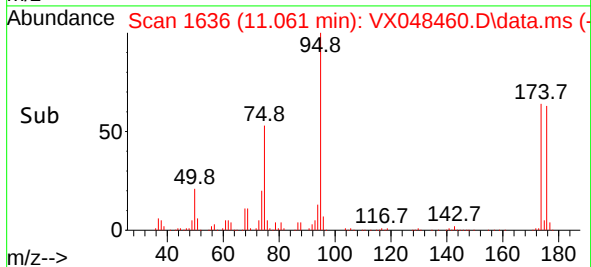
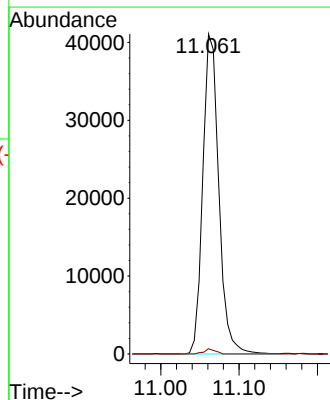
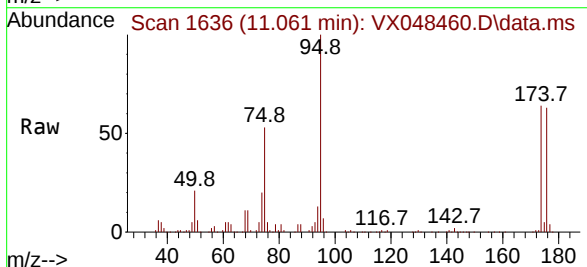
Instrument :
 MSVOA_X
 ClientSampleId :

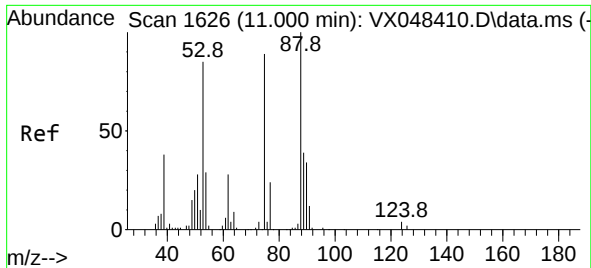
Tgt Ion:152 Resp: 103668
 Ion Ratio Lower Upper
 152 100
 115 62.9 43.1 129.4
 150 157.6 0.0 353.0



#76
 1,2,3-Trichloropropane
 Concen: 39.035 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.158 min
 Lab File: VX048460.D
 Acq: 03 Nov 2025 16:22

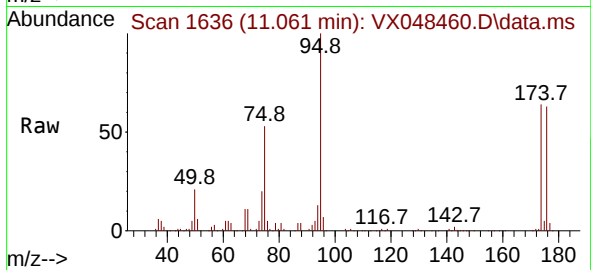
Tgt Ion: 75 Resp: 58196
 Ion Ratio Lower Upper
 75 100
 77 1.1 22.4 67.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.084 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX048460.D
 Acq: 03 Nov 2025 16:22

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 58196
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 36.8 55.2#

