

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045833.D
 Acq On : 17 Apr 2025 17:05
 Operator : JC/MD
 Sample : Q1814-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 18 03:41:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

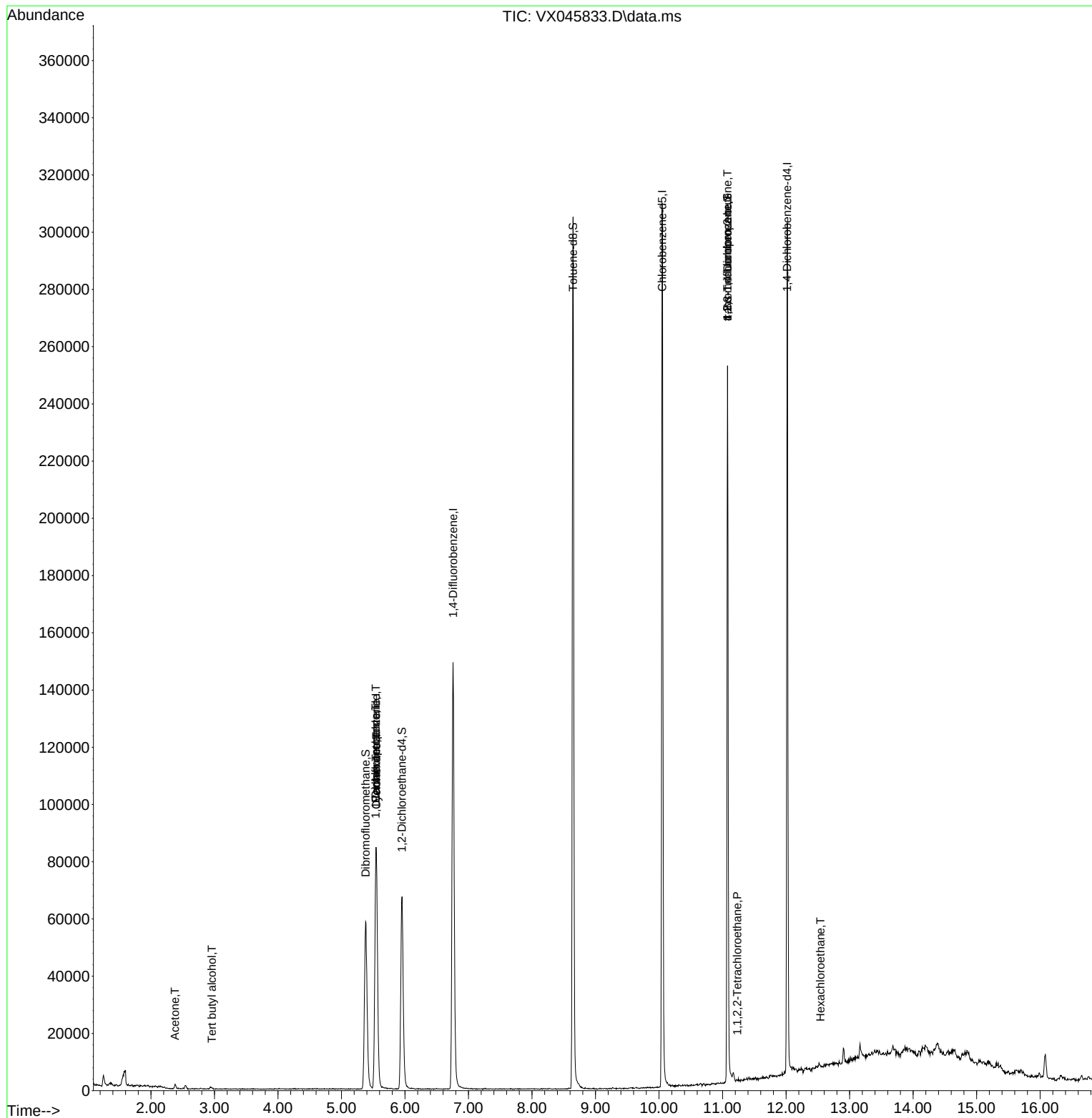
Internal Standards						
1) Pentafluorobenzene	5.544	168	74085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	142315	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69861	51.565	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.120%
35) Dibromofluoromethane	5.379	113	50317	49.832	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.660%
50) Toluene-d8	8.647	98	175704	49.854	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.700%
62) 4-Bromofluorobenzene	11.079	95	66454	51.766	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.540%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	441	2.422	ug/l #	72
16) Acetone	2.380	43	1813	3.259	ug/l	96
31) Cyclohexane	5.550	56	2254	1.356	ug/l #	48
36) 1,1-Dichloropropene	5.538	75	7379	5.412	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8502	5.770	ug/l #	16
75) 1,1,2,2-Tetrachloroethane	11.232	83	337	0.225	ug/l #	32
76) 1,2,3-Trichloropropane	11.079	75	37290	28.784	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	37290	97.688	ug/l #	1
90) Hexachloroethane	12.542	117	249	0.411	ug/l #	19

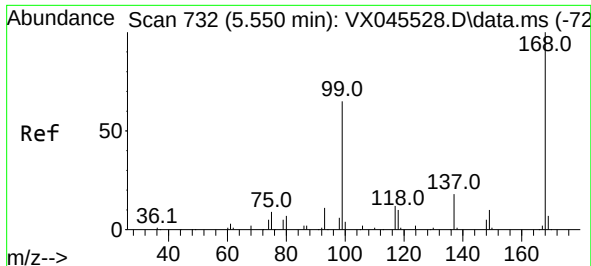
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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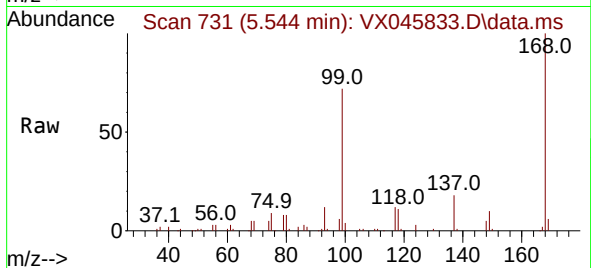
Quant Time: Apr 18 03:41:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
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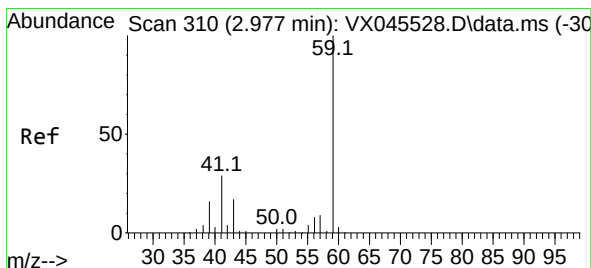
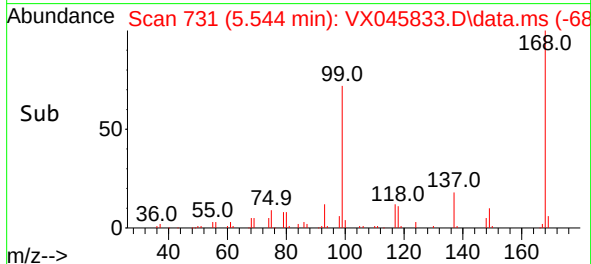
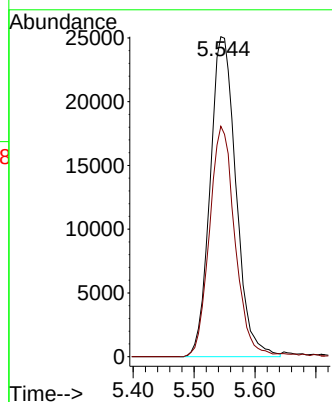


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045833.D
Acq: 17 Apr 2025 17:05

Instrument :
MSVOA_X
ClientSampleId :

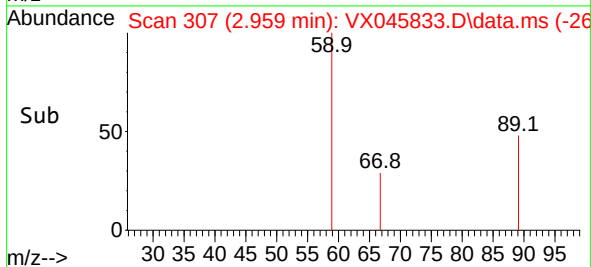
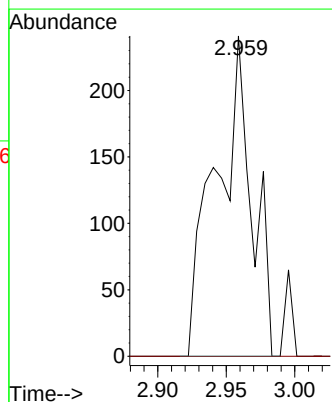
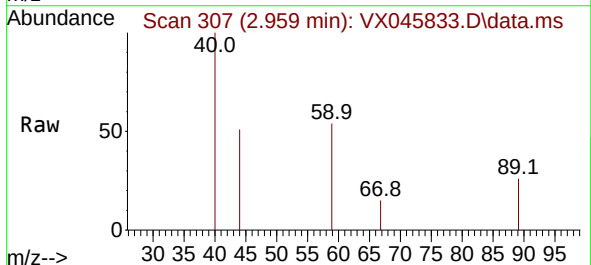


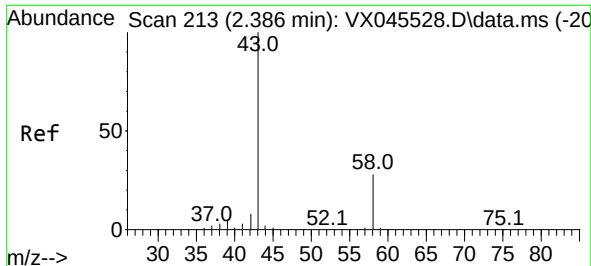
Tgt Ion:168 Resp: 74085
Ion Ratio Lower Upper
168 100
99 72.0 52.3 78.5



#11
Tert butyl alcohol
Concen: 2.422 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX045833.D
Acq: 17 Apr 2025 17:05

Tgt Ion: 59 Resp: 441
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

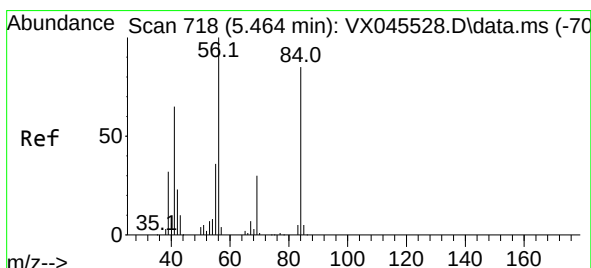
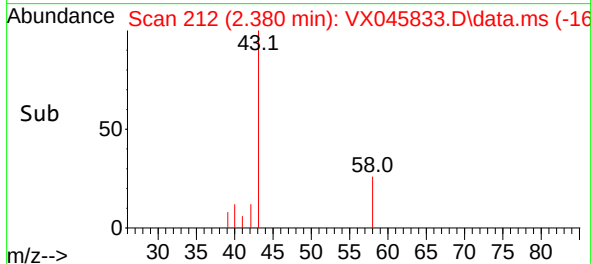
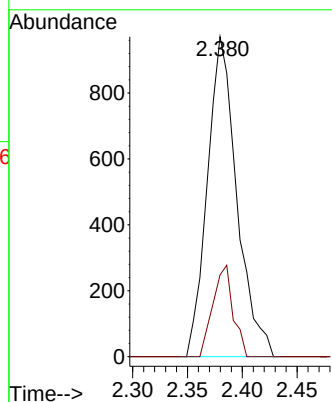
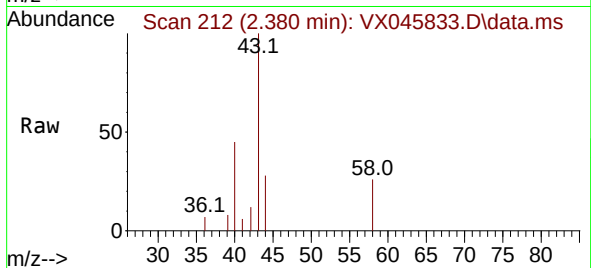




#16
Acetone
Concen: 3.259 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045833.D
Acq: 17 Apr 2025 17:05

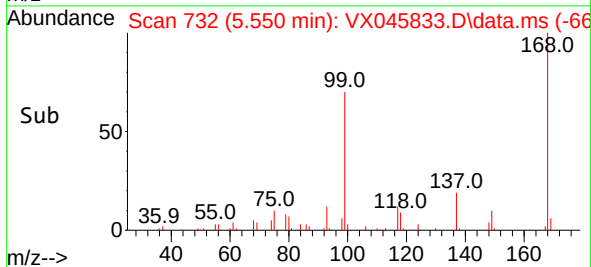
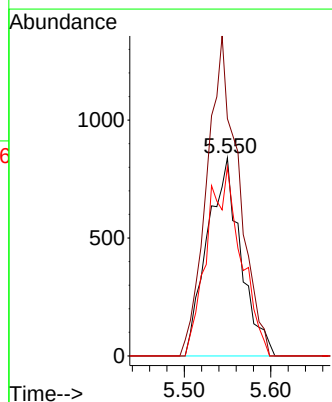
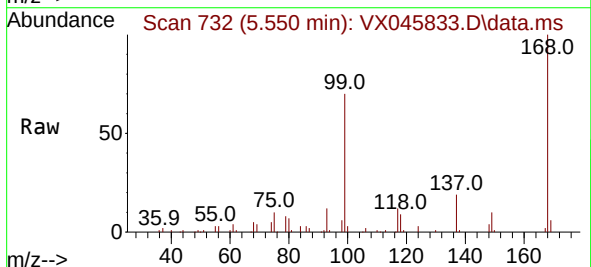
Instrument :
MSVOA_X
ClientSampleId :

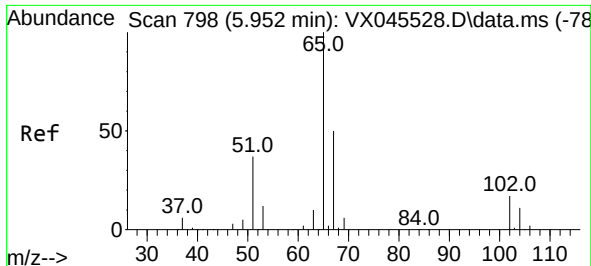
Tgt Ion: 43 Resp: 1813
Ion Ratio Lower Upper
43 100
58 25.5 22.3 33.5



#31
Cyclohexane
Concen: 1.356 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX045833.D
Acq: 17 Apr 2025 17:05

Tgt Ion: 56 Resp: 2254
Ion Ratio Lower Upper
56 100
69 119.8 23.6 35.4#
84 95.4 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 51.565 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045833.D

Acq: 17 Apr 2025 17:05

Instrument :

MSVOA_X

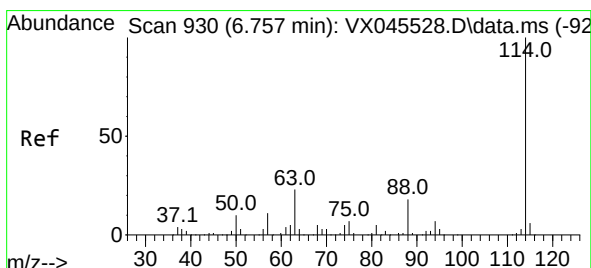
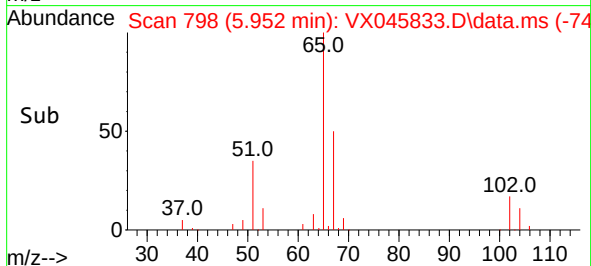
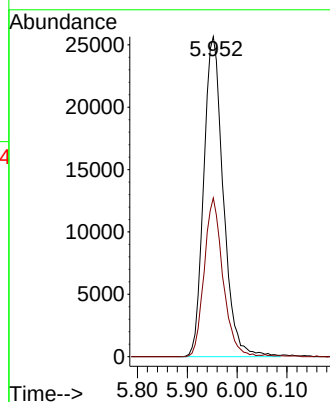
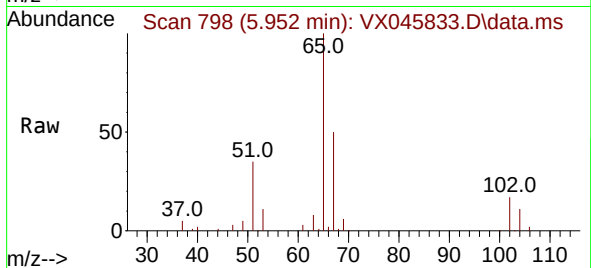
ClientSampleId :

Tgt Ion: 65 Resp: 69861

Ion Ratio Lower Upper

65 100

67 47.6 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045833.D

Acq: 17 Apr 2025 17:05

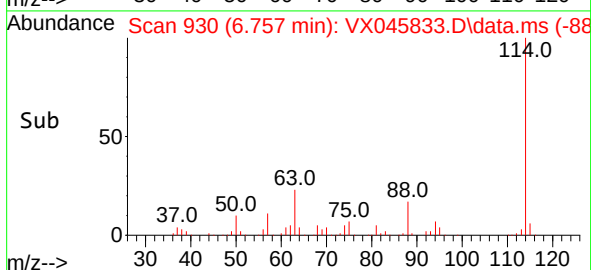
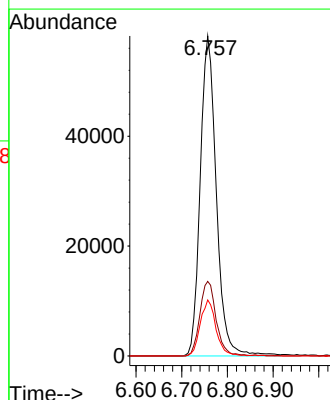
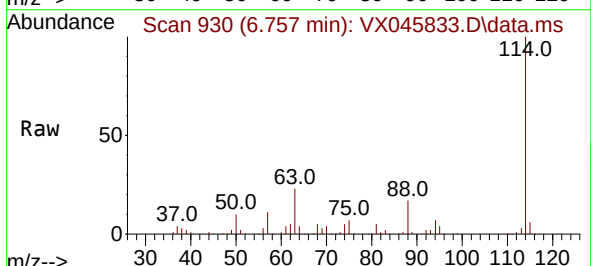
Tgt Ion: 114 Resp: 142315

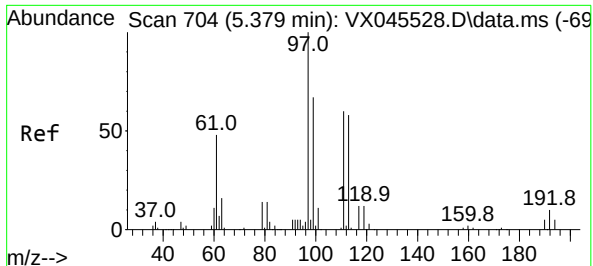
Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.8

88 17.5 0.0 35.4





#35

Dibromofluoromethane

Concen: 49.832 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045833.D

Acq: 17 Apr 2025 17:05

Instrument :

MSVOA_X

ClientSampleId :

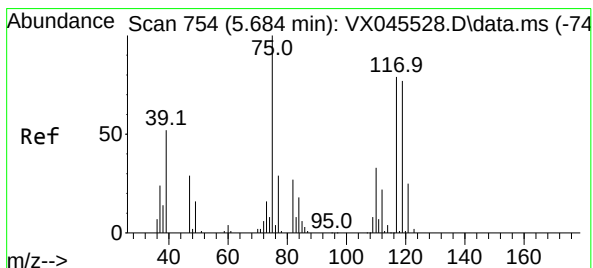
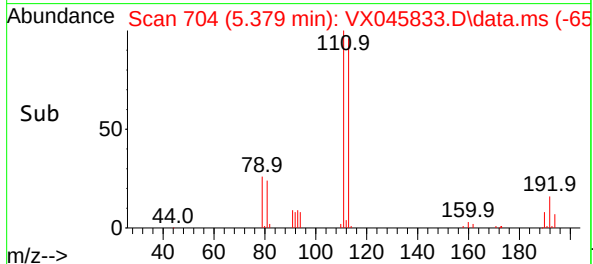
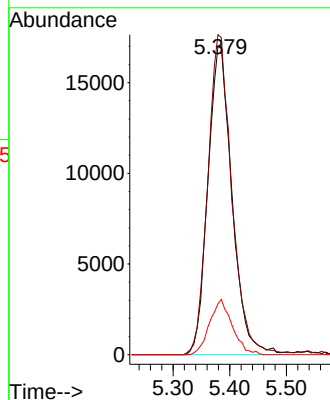
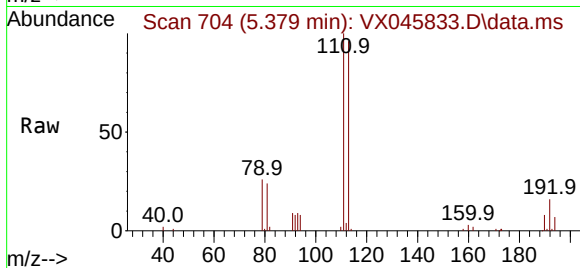
Tgt Ion:113 Resp: 50317

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.6

192 16.8 13.8 20.6



#36

1,1-Dichloropropene

Concen: 5.412 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.146 min

Lab File: VX045833.D

Acq: 17 Apr 2025 17:05

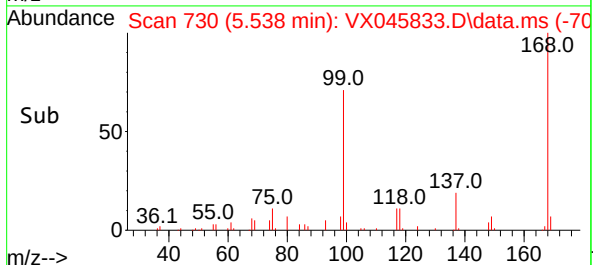
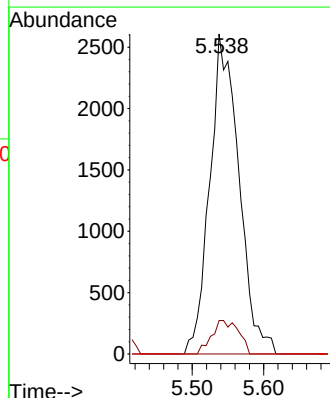
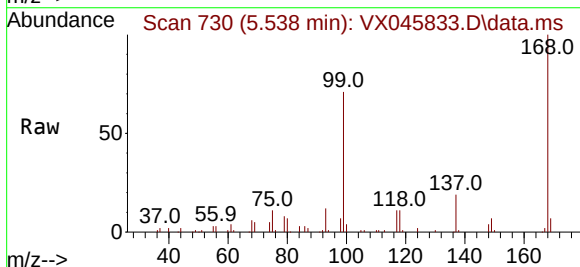
Tgt Ion: 75 Resp: 7379

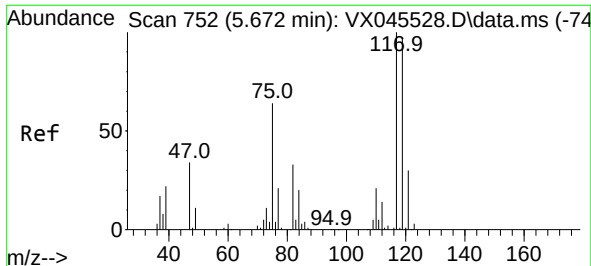
Ion Ratio Lower Upper

75 100

110 9.6 16.9 50.6#

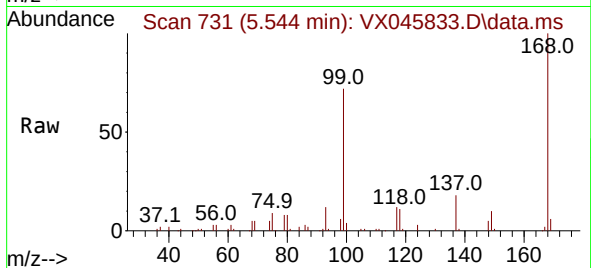
77 0.0 25.0 37.4#



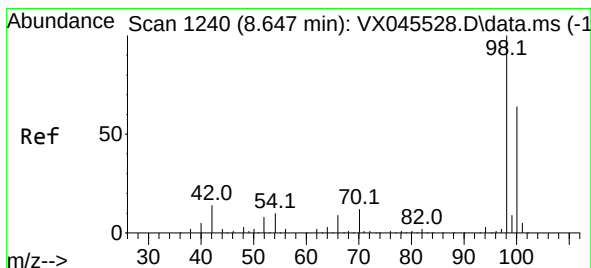
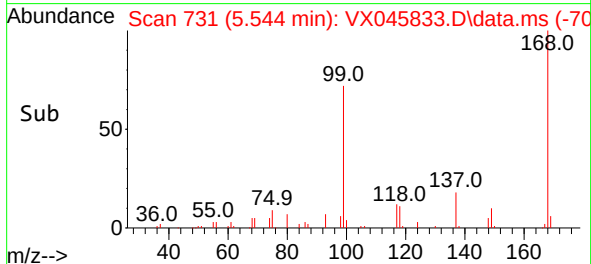
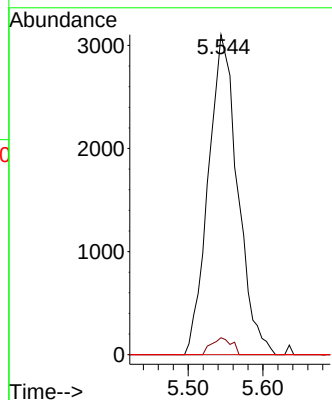


#38
Carbon Tetrachloride
Concen: 5.770 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045833.D
Acq: 17 Apr 2025 17:05

Instrument :
MSVOA_X
ClientSampleId :

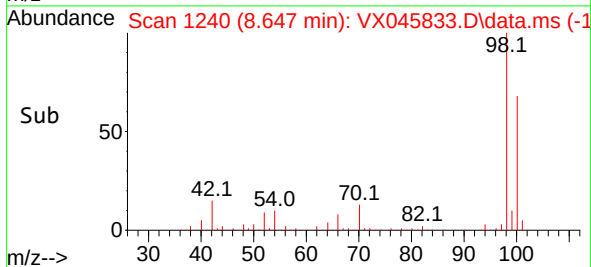
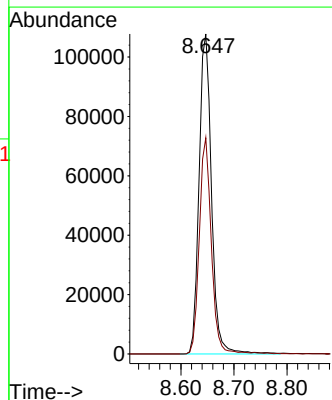
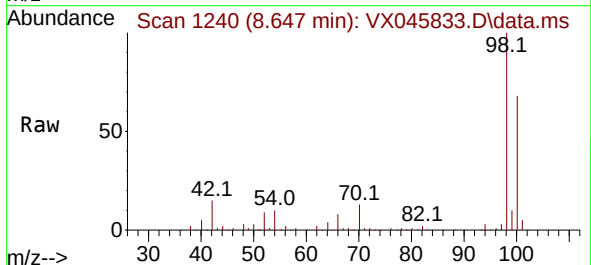


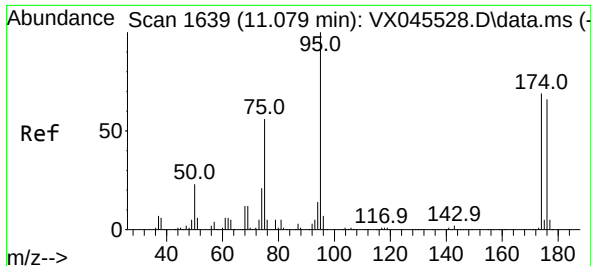
Tgt Ion:117 Resp: 8502
Ion Ratio Lower Upper
117 100
119 5.3 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.854 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045833.D
Acq: 17 Apr 2025 17:05

Tgt Ion: 98 Resp: 175704
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 51.766 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045833.D

Acq: 17 Apr 2025 17:05

Instrument :

MSVOA_X

ClientSampleId :

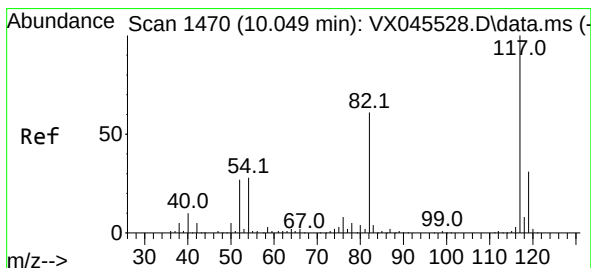
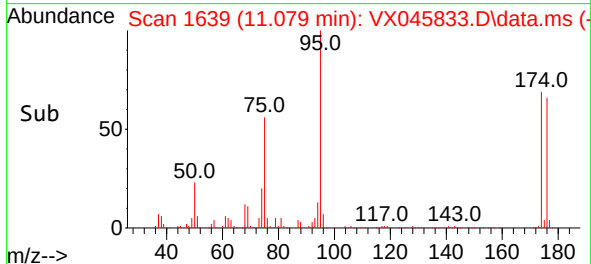
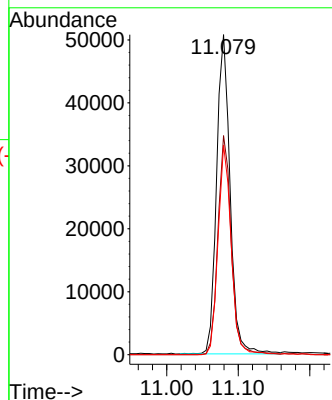
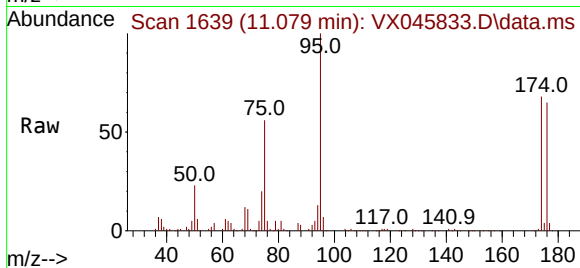
Tgt Ion: 95 Resp: 66454

Ion Ratio Lower Upper

95 100

174 67.4 0.0 135.8

176 64.3 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX045833.D

Acq: 17 Apr 2025 17:05

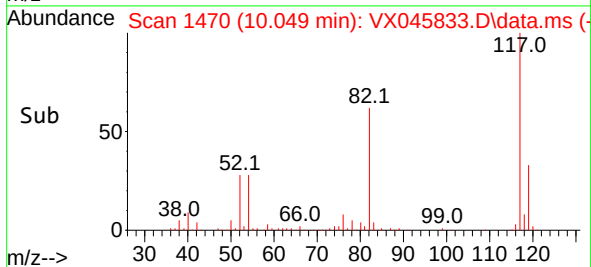
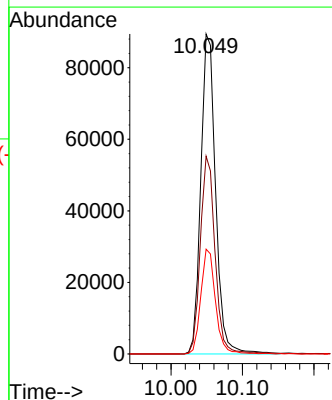
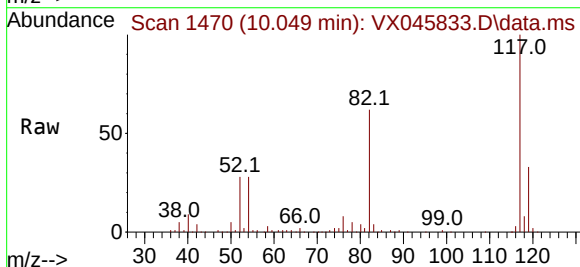
Tgt Ion: 117 Resp: 128735

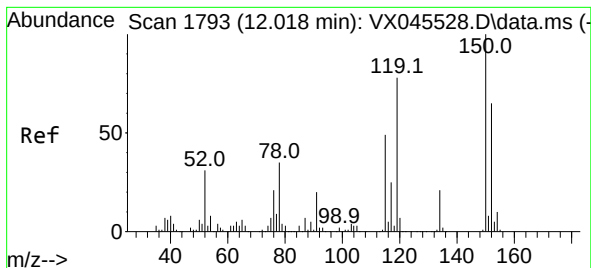
Ion Ratio Lower Upper

117 100

82 61.8 49.2 73.8

119 32.8 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045833.D

Acq: 17 Apr 2025 17:05

Instrument :

MSVOA_X

ClientSampleId :

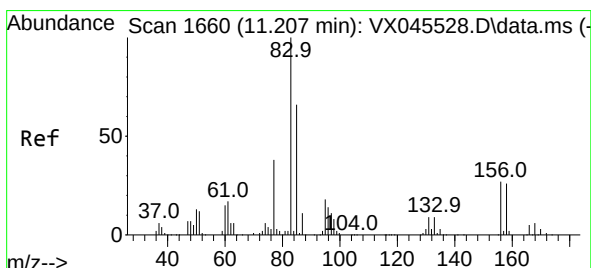
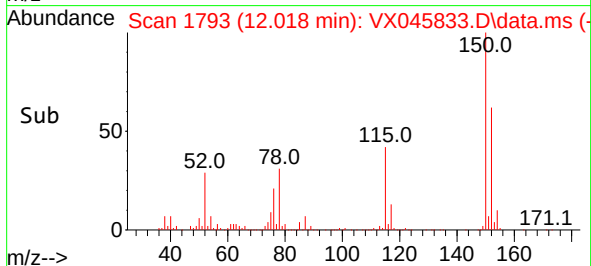
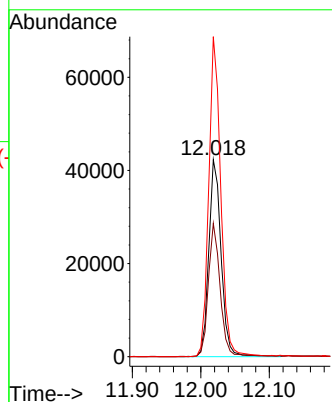
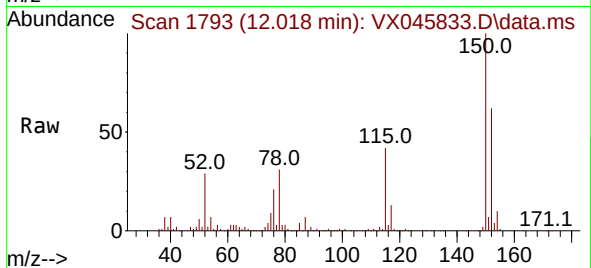
Tgt Ion:152 Resp: 53112

Ion Ratio Lower Upper

152 100

115 65.2 46.9 140.7

150 158.2 0.0 349.4



#75

1,1,2,2-Tetrachloroethane

Concen: 0.225 ug/l

RT: 11.232 min Scan# 1664

Delta R.T. 0.024 min

Lab File: VX045833.D

Acq: 17 Apr 2025 17:05

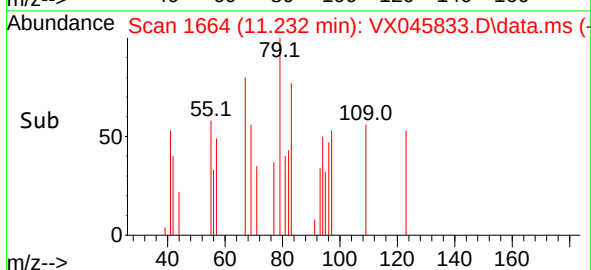
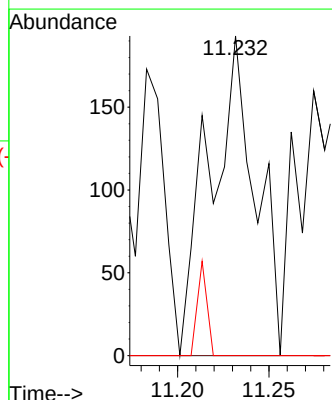
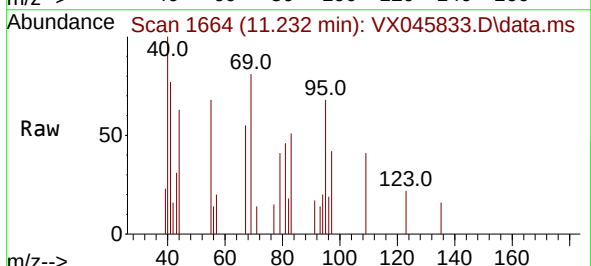
Tgt Ion: 83 Resp: 337

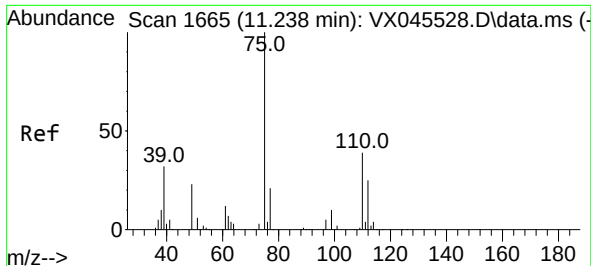
Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

85 6.2 32.4 97.2#

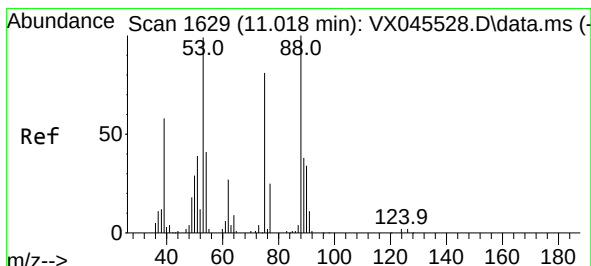
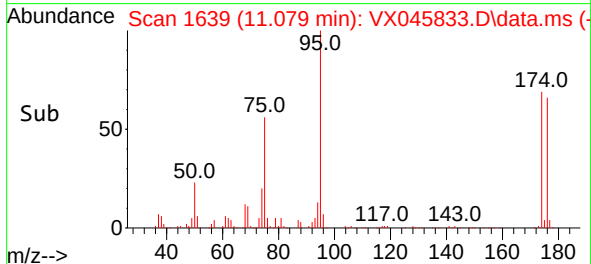
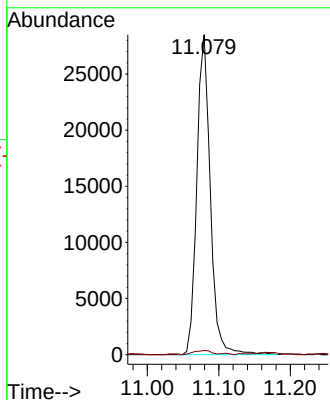
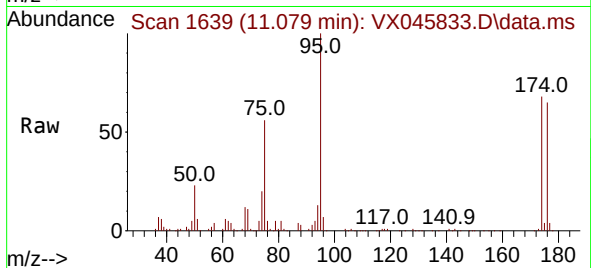




#76
1,2,3-Trichloropropane
Concen: 28.784 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045833.D
Acq: 17 Apr 2025 17:05

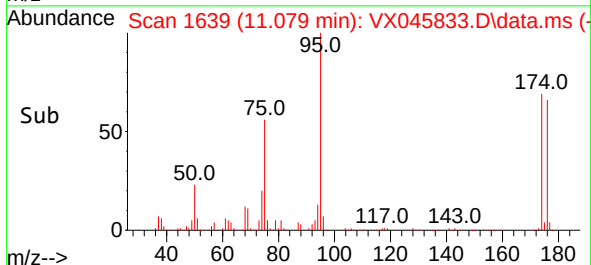
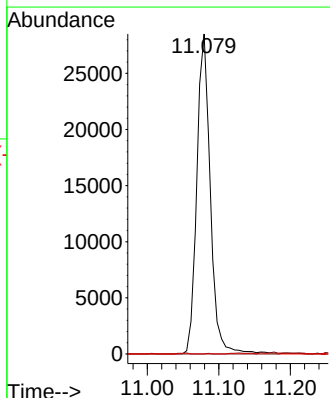
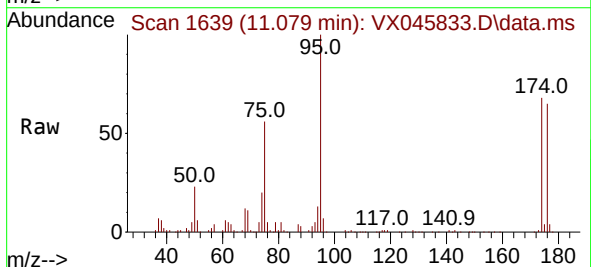
Instrument :
MSVOA_X
ClientSampleId :

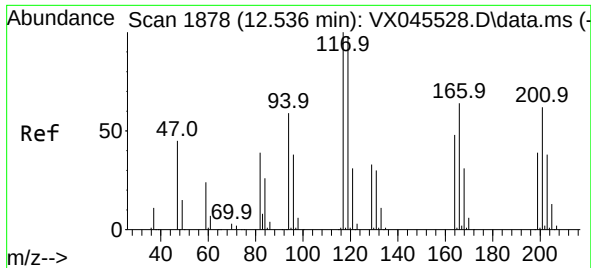
Tgt Ion: 75 Resp: 37290
Ion Ratio Lower Upper
75 100
77 2.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.688 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045833.D
Acq: 17 Apr 2025 17:05

Tgt Ion: 75 Resp: 37290
Ion Ratio Lower Upper
75 100
53 0.1 101.8 152.6#
89 0.0 37.2 55.8#





#90
Hexachloroethane
Concen: 0.411 ug/l
RT: 12.542 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045833.D
Acq: 17 Apr 2025 17:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 249
Ion Ratio Lower Upper
117 100
201 0.0 31.2 93.6#

