

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
 Data File : VX022122.D
 Acq On : 21 May 2021 17:50
 Operator : JC/MD
 Sample : M2406-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: May 22 04:57:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

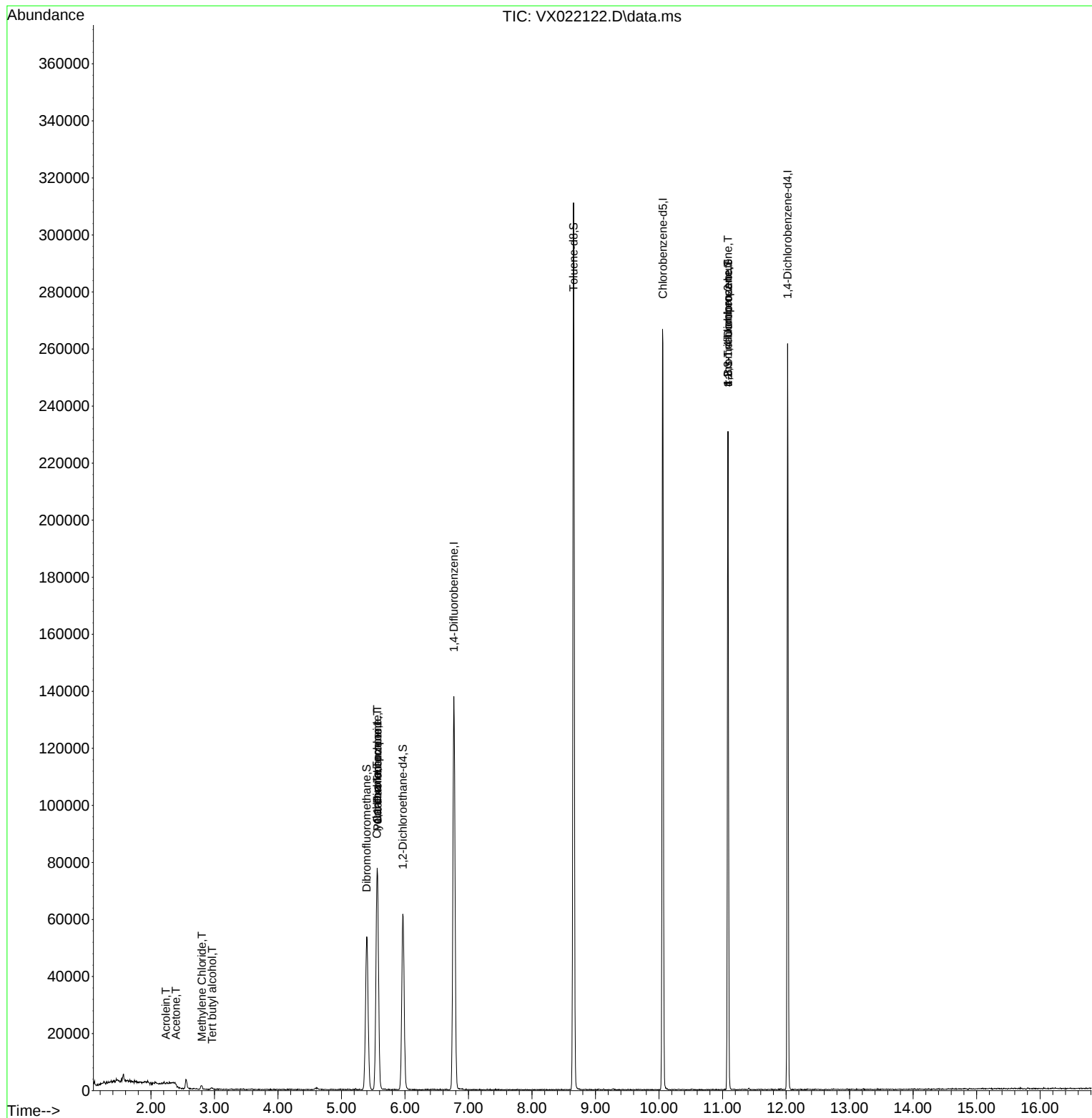
Internal Standards						
1) Pentafluorobenzene	5.568	168	69203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	140586	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	121262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57831	54.17	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 108.34%		
35) Dibromofluoromethane	5.397	113	45648	51.20	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.40%		
50) Toluene-d8	8.653	98	177538	51.70	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 103.40%		
62) 4-Bromofluorobenzene	11.085	95	61344	48.33	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 96.66%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.965	59	202	0.83	ug/l #	73
13) Acrolein	2.233	56	70	0.43	ug/l #	14
16) Acetone	2.392	43	1131	2.43	ug/l	95
20) Methylene Chloride	2.800	84	675	0.65	ug/l #	76
31) Cyclohexane	5.556	56	1760	1.31	ug/l #	32
36) 1,1-Dichloropropene	5.562	75	5782	4.45	ug/l #	50
38) Carbon Tetrachloride	5.562	117	7677	6.04	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	31081	26.79	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	31081	63.48	ug/l #	12

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
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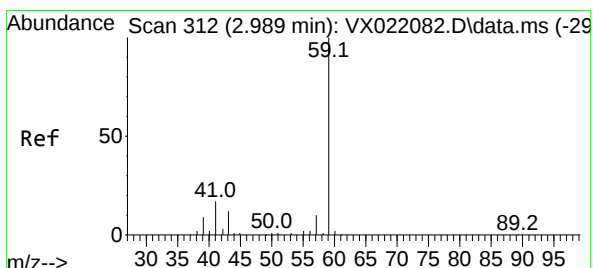
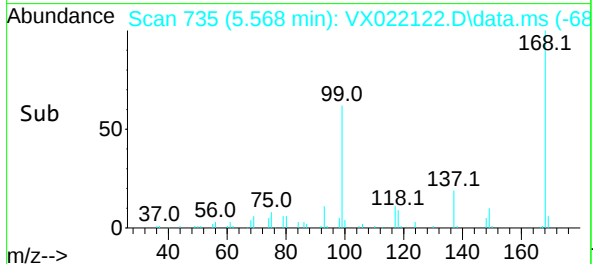
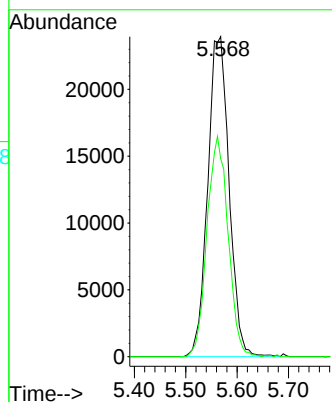
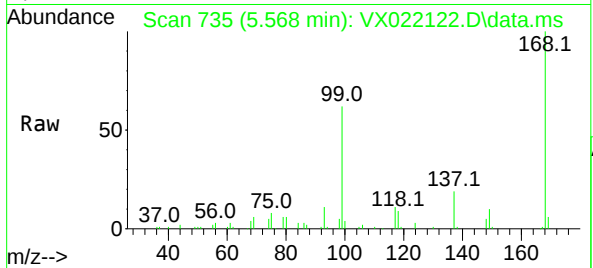




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022122.D
Acq: 21 May 2021 17:50

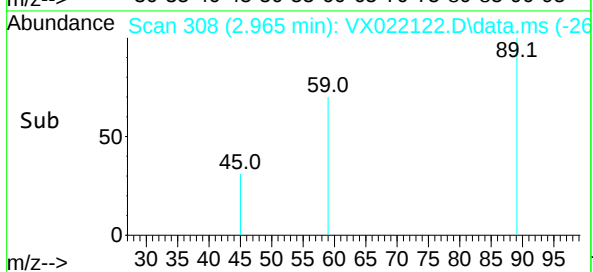
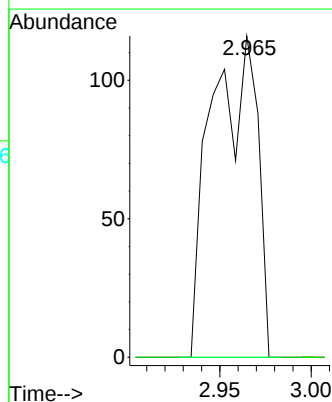
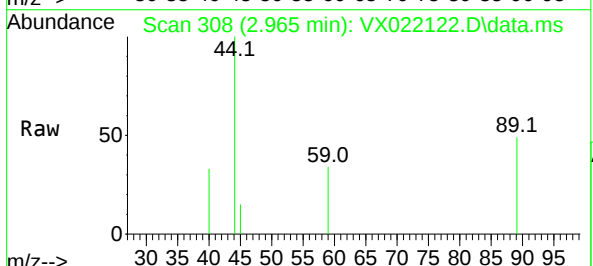
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

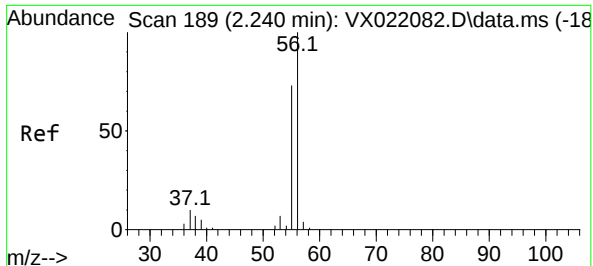
Tgt Ion:168 Resp: 69203
Ion Ratio Lower Upper
168 100
99 61.9 45.8 68.6



#11
Tert butyl alcohol
Concen: 0.83 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX022122.D
Acq: 21 May 2021 17:50

Tgt Ion: 59 Resp: 202
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

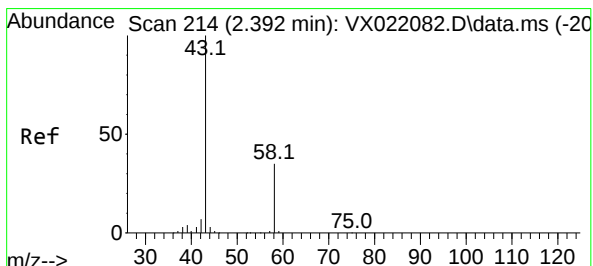
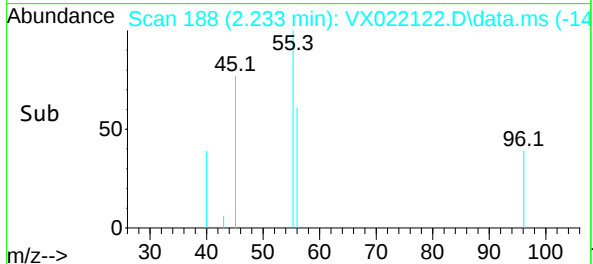
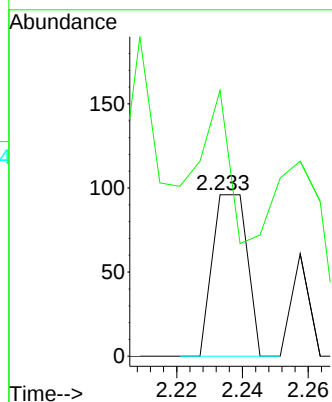
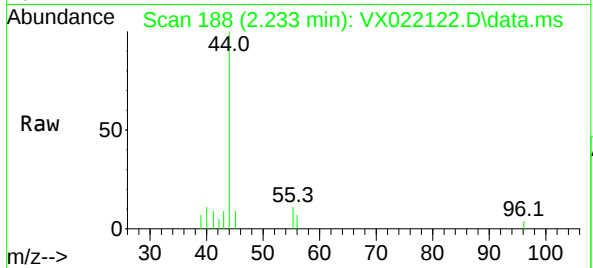




#13
Acrolein
Concen: 0.43 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.007 min
Lab File: VX022122.D
Acq: 21 May 2021 17:50

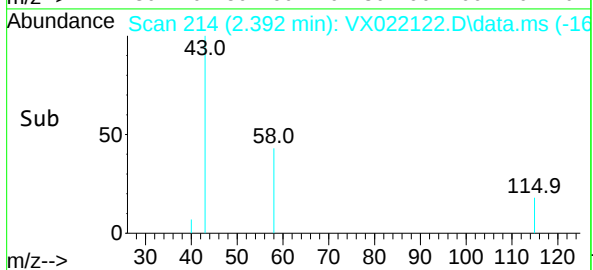
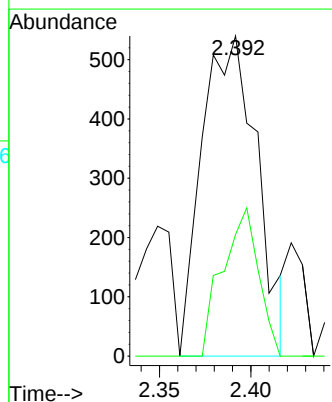
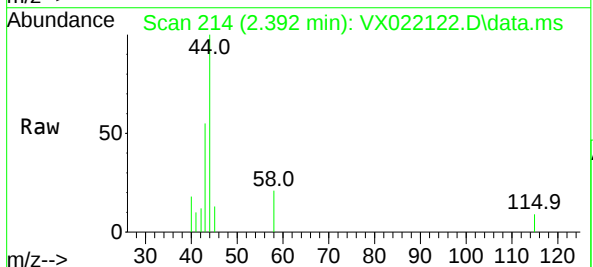
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

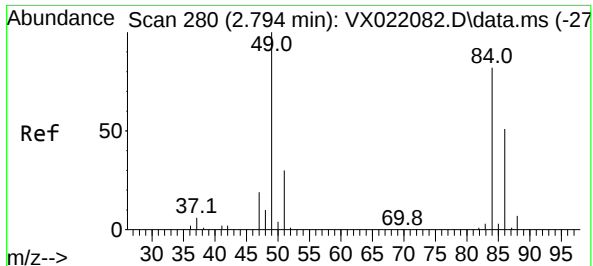
Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 2.43 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022122.D
Acq: 21 May 2021 17:50

Tgt Ion: 43 Resp: 1131
Ion Ratio Lower Upper
43 100
58 38.0 27.8 41.8



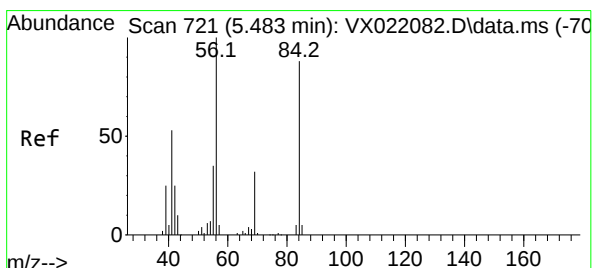
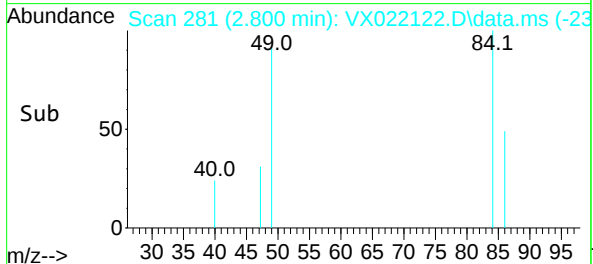
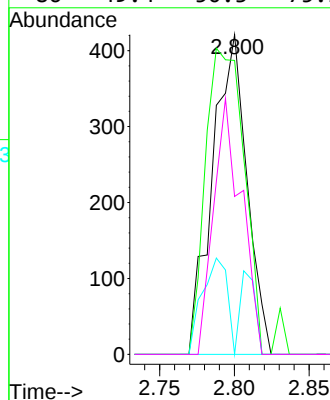
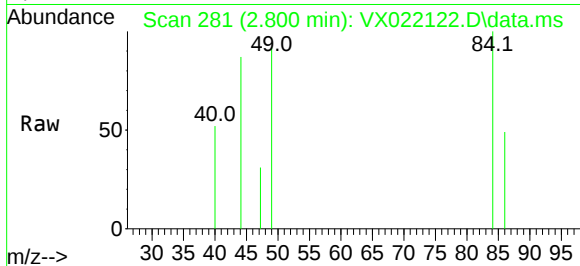


#20
Methylene Chloride
Concen: 0.65 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022122.D
Acq: 21 May 2021 17:50

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 84 Resp: 675

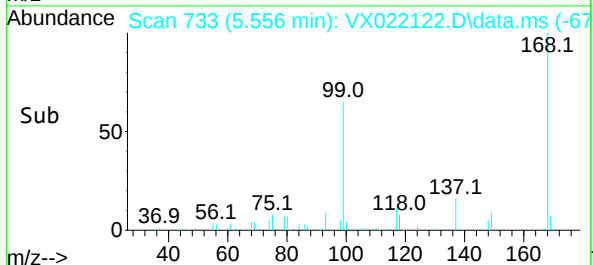
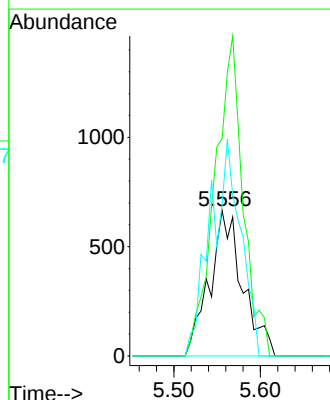
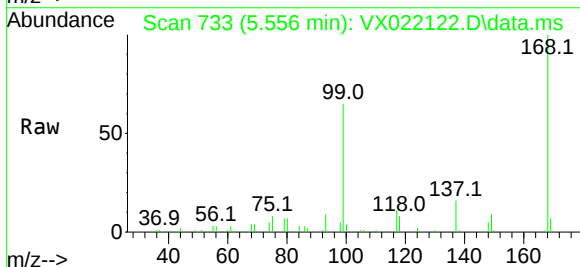
Ion	Ratio	Lower	Upper
84	100		
49	91.9	88.6	132.8
51	0.0	27.0	40.6#
86	49.4	50.3	75.5#

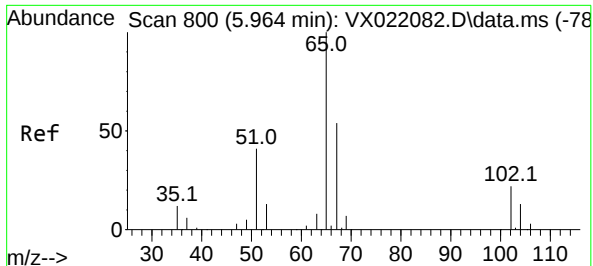


#31
Cyclohexane
Concen: 1.31 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022122.D
Acq: 21 May 2021 17:50

Tgt Ion: 56 Resp: 1760

Ion	Ratio	Lower	Upper
56	100		
69	149.5	25.3	37.9#
84	104.5	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 54.17 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022122.D

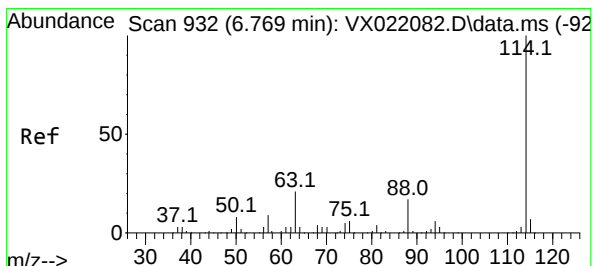
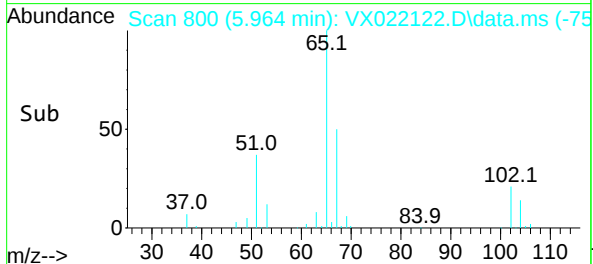
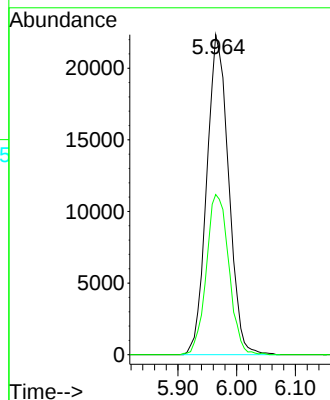
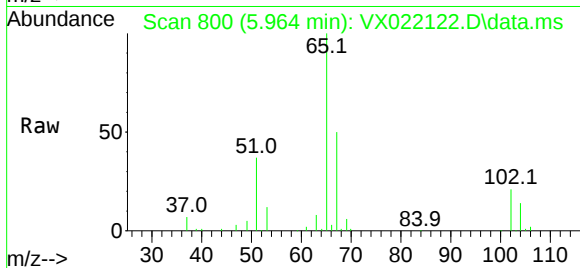
Acq: 21 May 2021 17:50

Tgt Ion: 65 Resp: 57831

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX022122.D

Acq: 21 May 2021 17:50

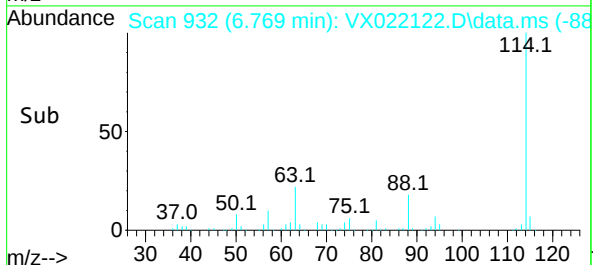
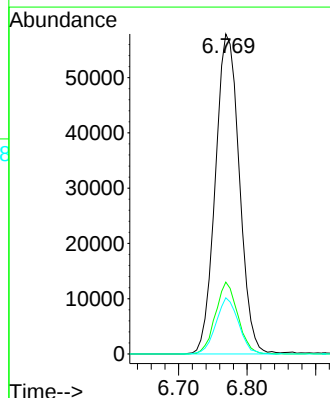
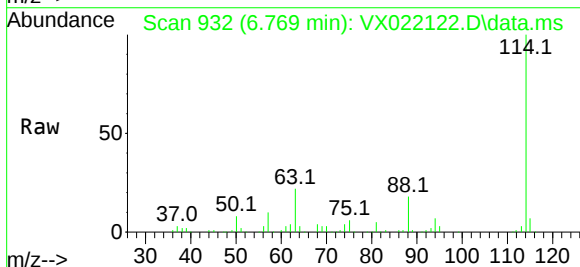
Tgt Ion: 114 Resp: 140586

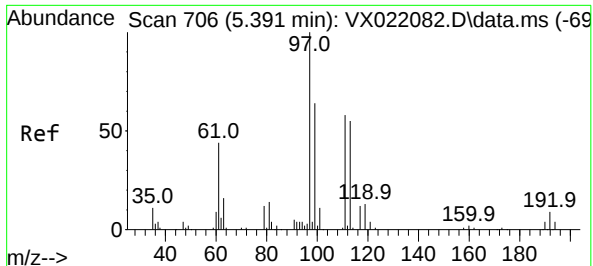
Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.8

88 17.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.20 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022122.D

Acq: 21 May 2021 17:50

Tgt Ion:113 Resp: 45648

Ion Ratio Lower Upper

113 100

111 104.5 81.9 122.9

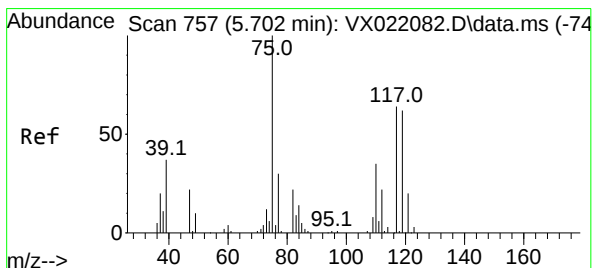
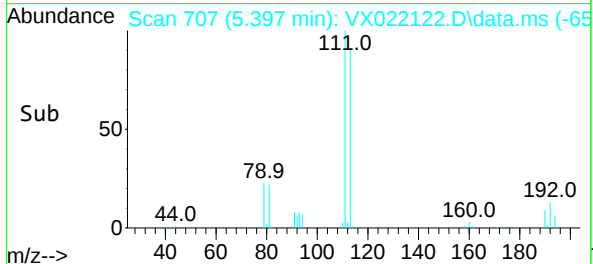
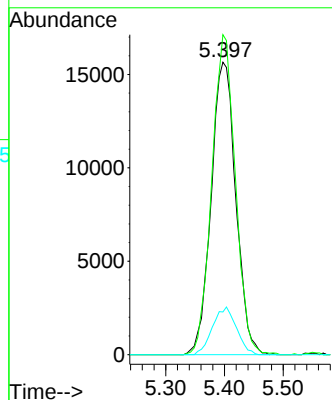
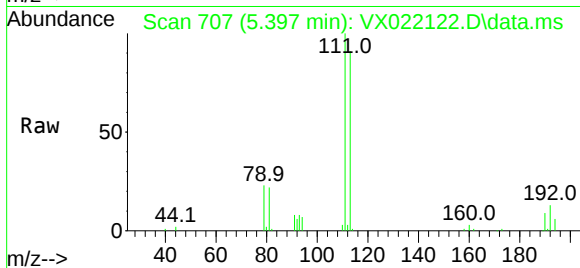
192 15.8 16.7 25.1#

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



#36

1,1-Dichloropropene

Concen: 4.45 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022122.D

Acq: 21 May 2021 17:50

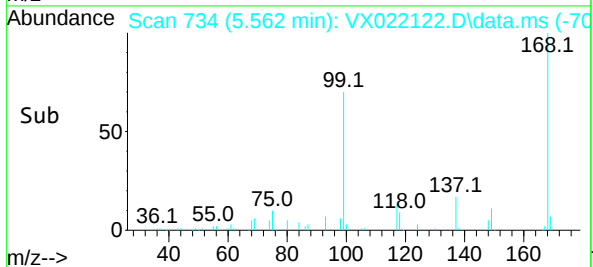
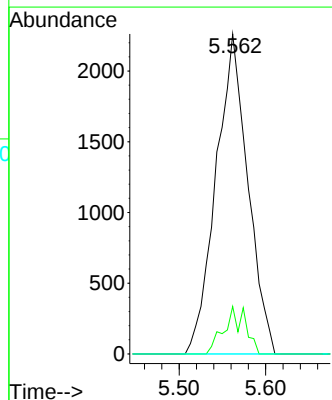
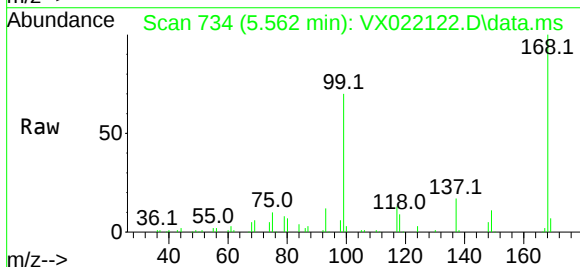
Tgt Ion: 75 Resp: 5782

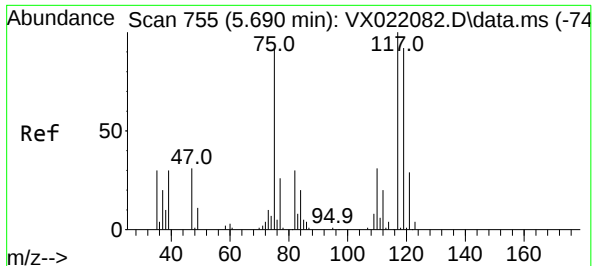
Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.4#

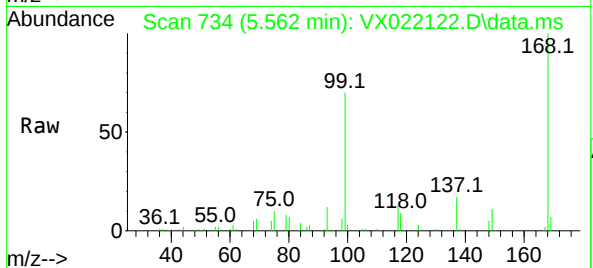
77 0.0 25.3 37.9#



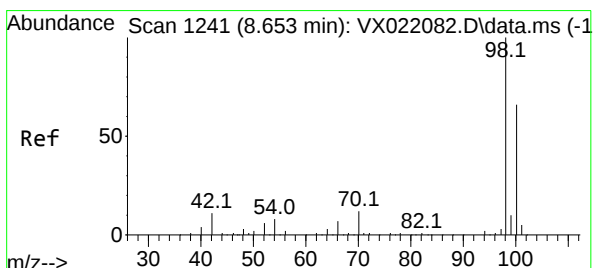
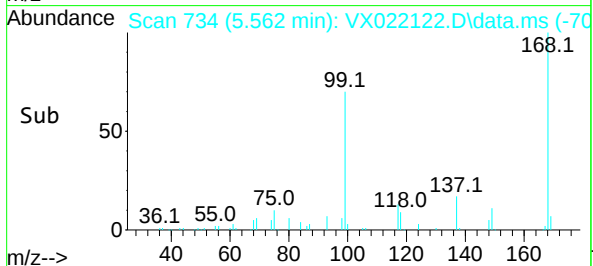
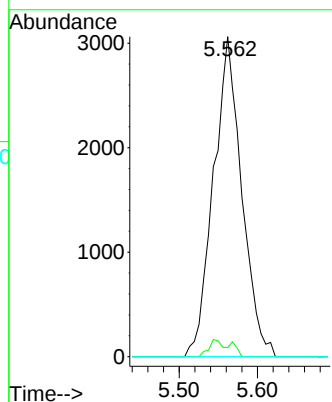


#38
Carbon Tetrachloride
Concen: 6.04 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022122.D
Acq: 21 May 2021 17:50

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

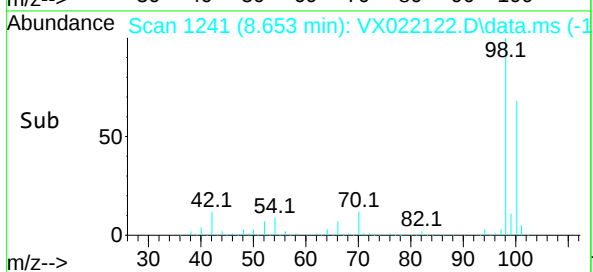
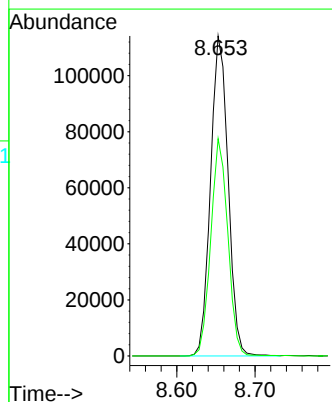
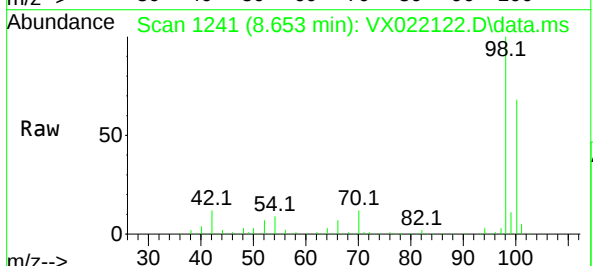


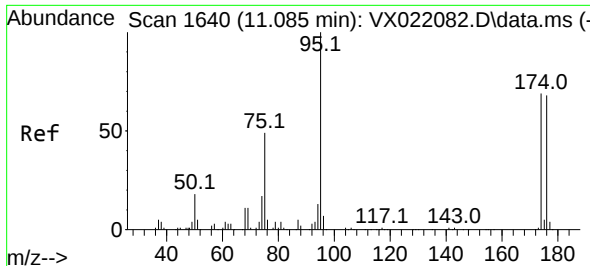
Tgt Ion: 117 Resp: 7677
Ion Ratio Lower Upper
117 100
119 2.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.70 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022122.D
Acq: 21 May 2021 17:50

Tgt Ion: 98 Resp: 177538
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

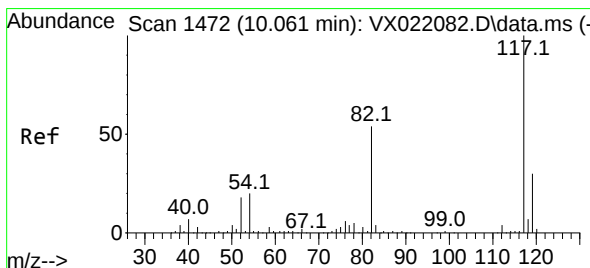
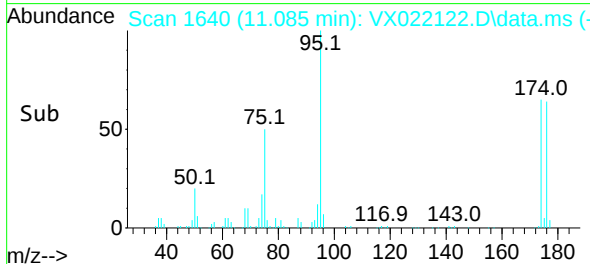
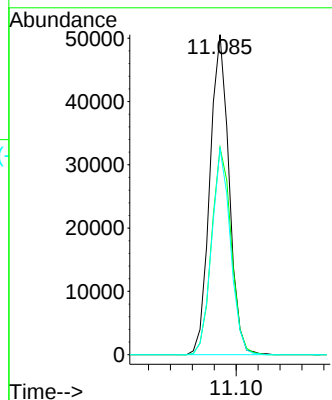
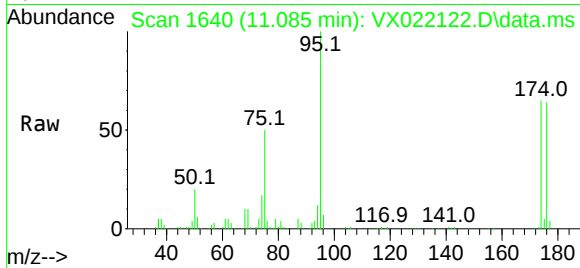




#62
4-Bromofluorobenzene
Concen: 48.33 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022122.D
Acq: 21 May 2021 17:50

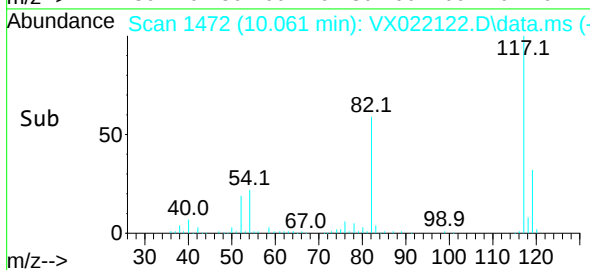
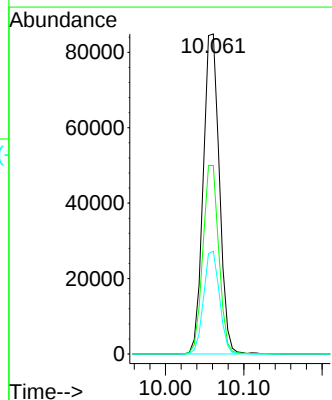
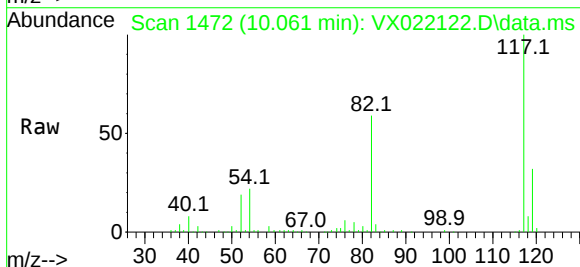
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

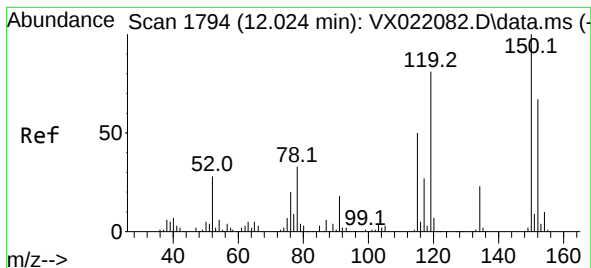
Tgt Ion: 95 Resp: 61344
Ion Ratio Lower Upper
95 100
174 66.3 0.0 154.6
176 63.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022122.D
Acq: 21 May 2021 17:50

Tgt Ion: 117 Resp: 121262
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 32.1 26.6 39.8

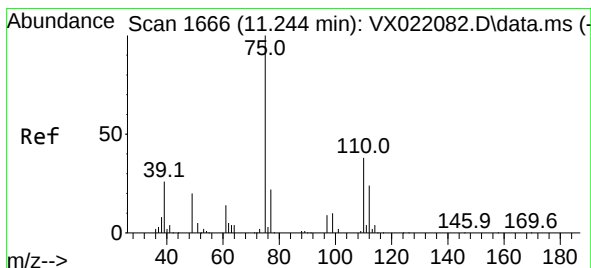
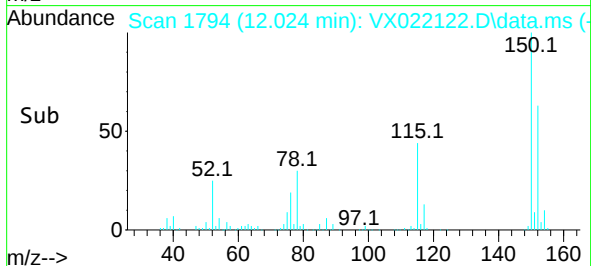
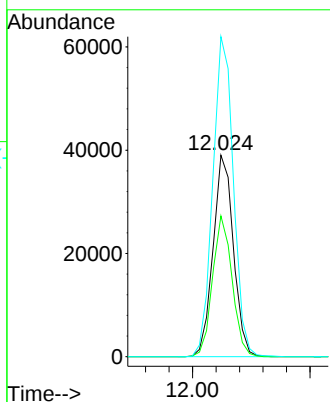
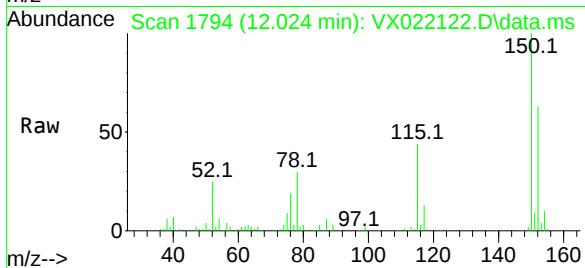




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022122.D
Acq: 21 May 2021 17:50

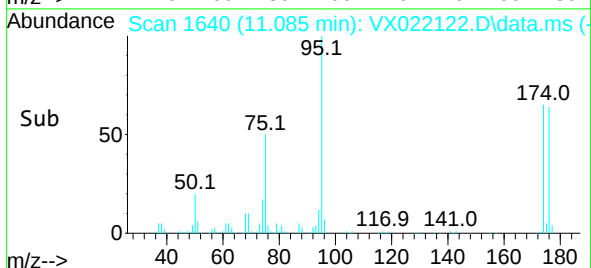
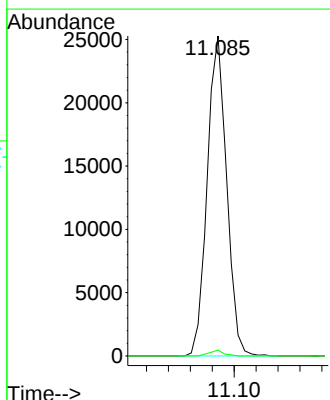
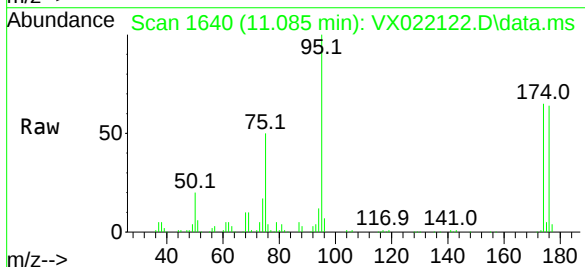
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

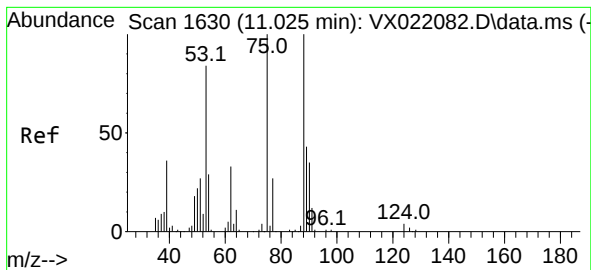
Tgt Ion:152 Resp: 47022
Ion Ratio Lower Upper
152 100
115 66.9 41.1 123.3
150 160.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.79 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022122.D
Acq: 21 May 2021 17:50

Tgt Ion: 75 Resp: 31081
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.48 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022122.D
 Acq: 21 May 2021 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 31081
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

