

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035561.D
 Acq On : 08 May 2023 15:37
 Operator : JC/MD
 Sample : 02656-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: May 09 03:44:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

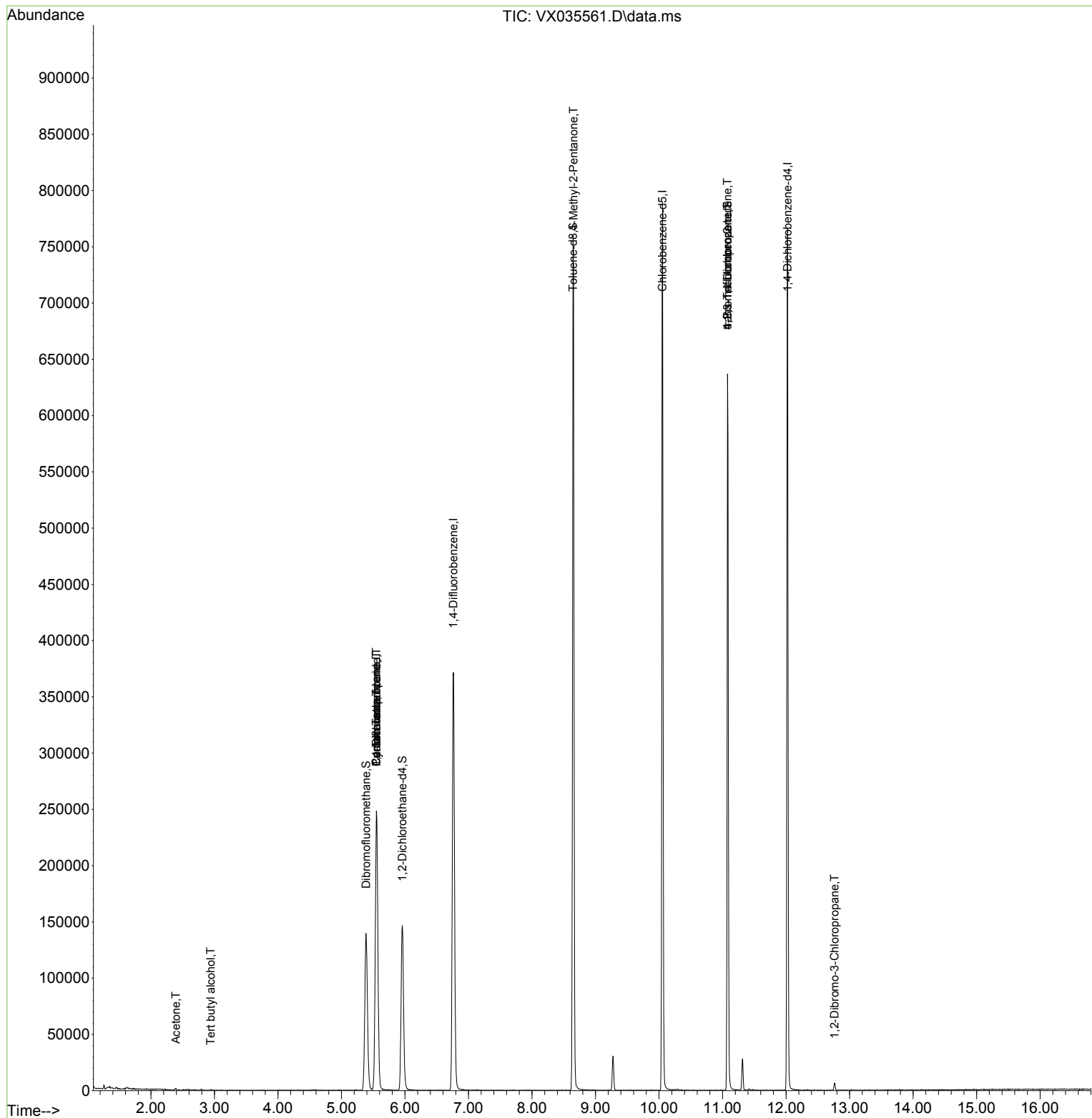
Internal Standards						
1) Pentafluorobenzene	5.550	168	242310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	396049	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	146204	50.013	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.020%		
35) Dibromofluoromethane	5.385	113	123849	50.949	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.900%		
50) Toluene-d8	8.647	98	459253	50.083	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.160%		
62) 4-Bromofluorobenzene	11.079	95	176320	51.114	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 102.220%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	446	0.838	ug/l #	73
16) Acetone	2.392	43	1429	1.126	ug/l	98
31) Cyclohexane	5.550	56	4576	1.103	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	17051	4.492	ug/l #	51
38) Carbon Tetrachloride	5.550	117	23789	6.602	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	2083	0.582	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	86202	25.862	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	86202	83.761	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	12.762	75	219	0.288	ug/l #	5

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

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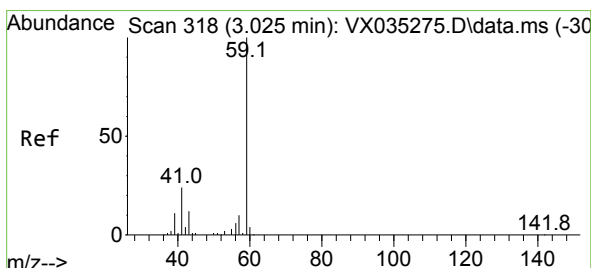
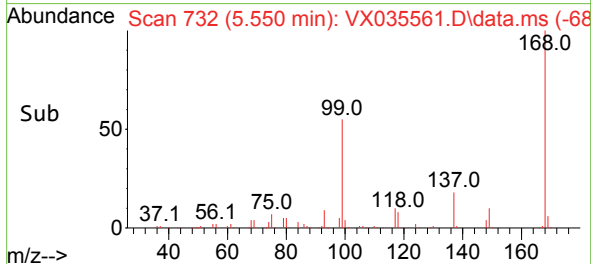
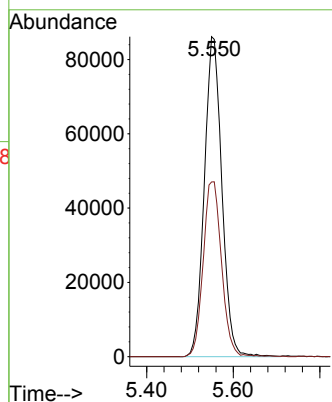
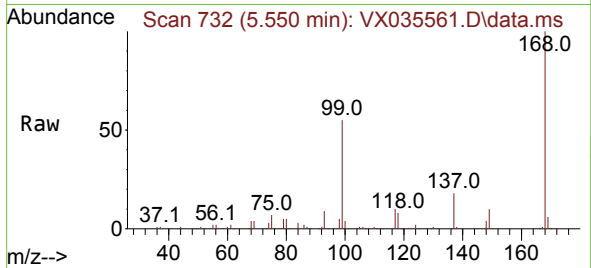




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035561.D
Acq: 08 May 2023 15:37

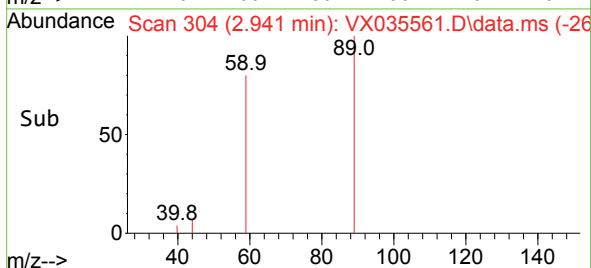
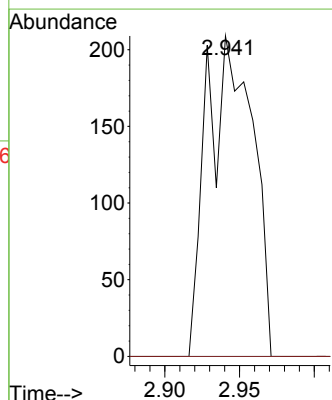
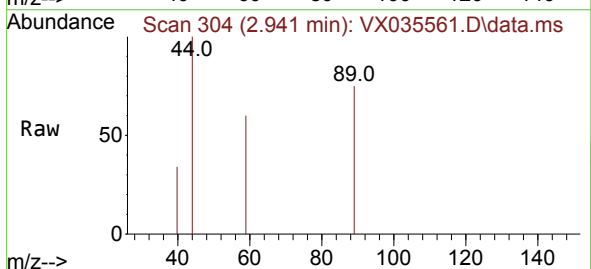
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

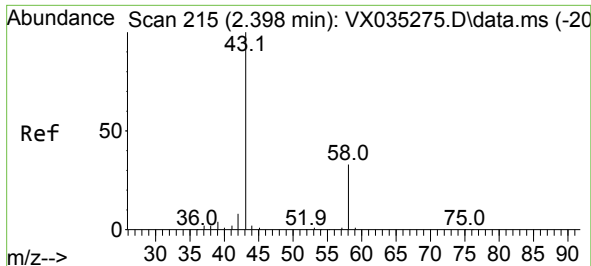
Tgt Ion:168 Resp: 242310
Ion Ratio Lower Upper
168 100
99 54.6 45.7 68.5



#11
Tert butyl alcohol
Concen: 0.838 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.084 min
Lab File: VX035561.D
Acq: 08 May 2023 15:37

Tgt Ion: 59 Resp: 446
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

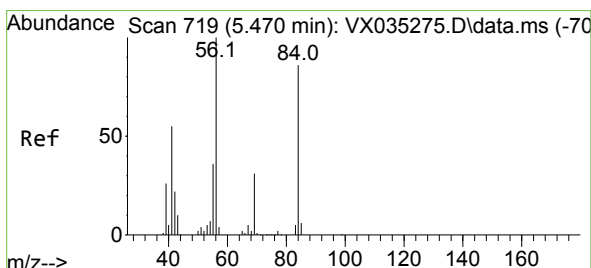
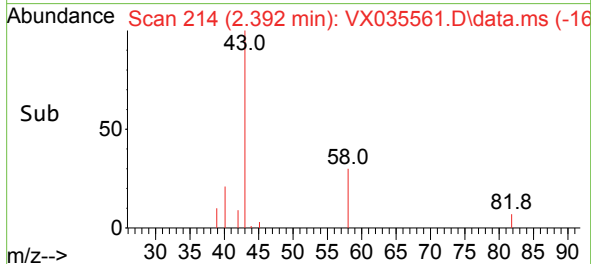
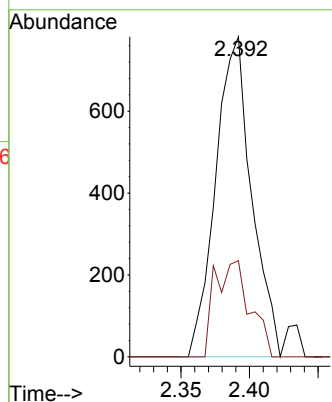
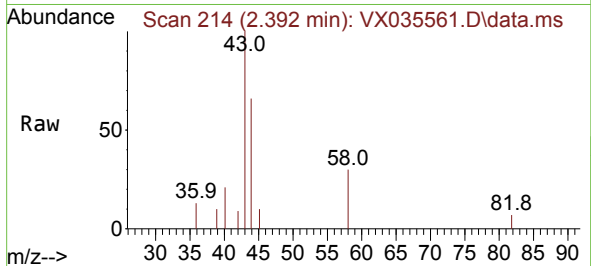




#16
Acetone
Concen: 1.126 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX035561.D
Acq: 08 May 2023 15:37

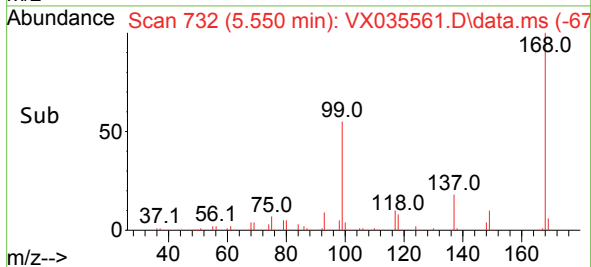
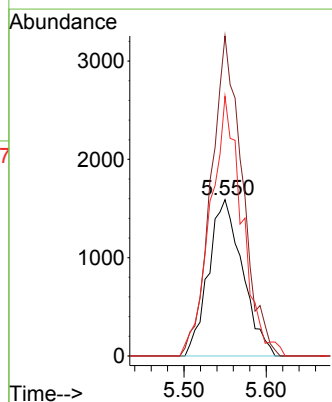
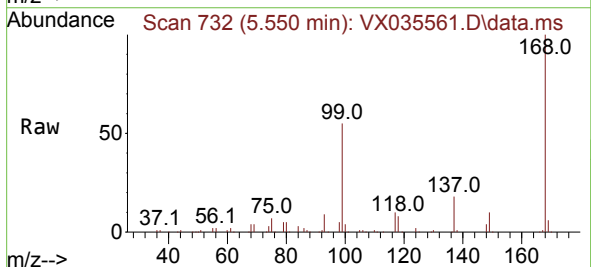
Instrument :
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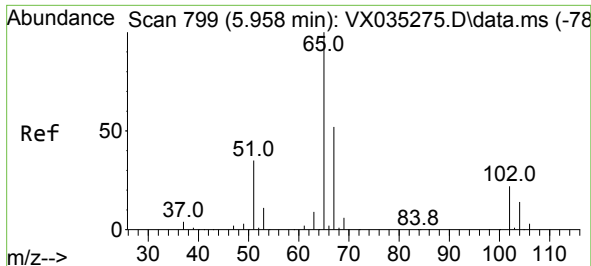
Tgt Ion: 43 Resp: 1429
Ion Ratio Lower Upper
43 100
58 30.1 24.7 37.1



#31
Cyclohexane
Concen: 1.103 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX035561.D
Acq: 08 May 2023 15:37

Tgt Ion: 56 Resp: 4576
Ion Ratio Lower Upper
56 100
69 204.7 23.7 35.5#
84 166.1 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 50.013 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035561.D

Acq: 08 May 2023 15:37

Instrument :

MSVOA_X

ClientSampleId :

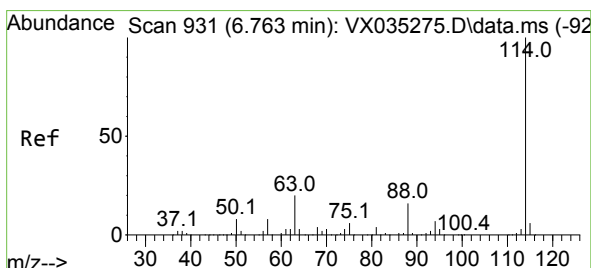
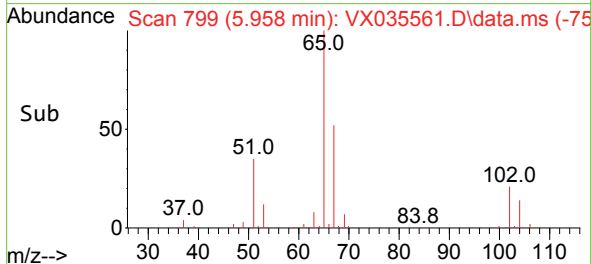
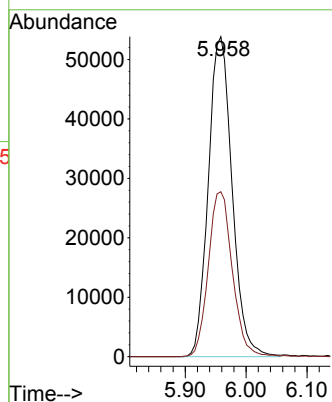
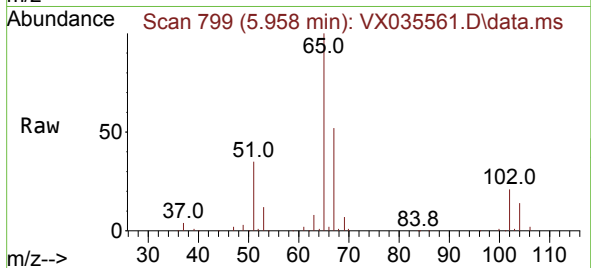
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 146204

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035561.D

Acq: 08 May 2023 15:37

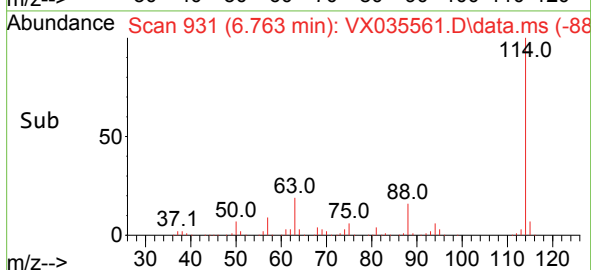
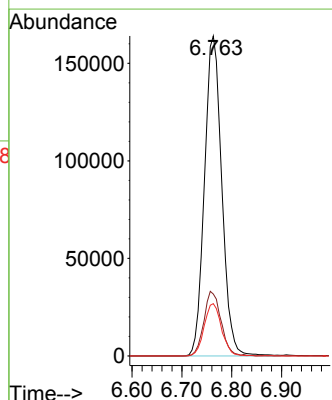
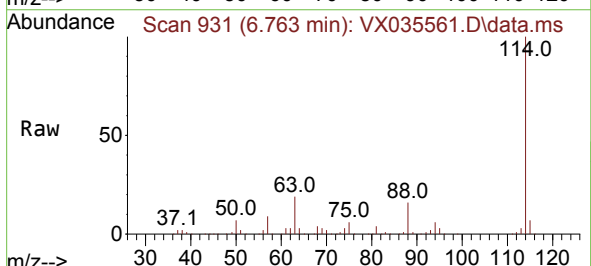
Tgt Ion: 114 Resp: 396049

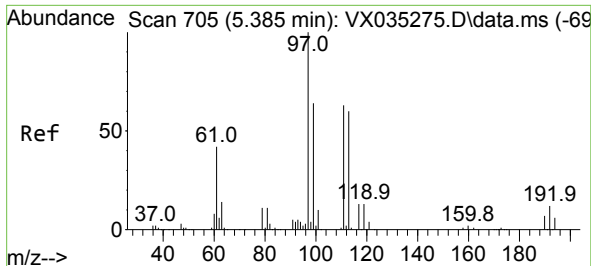
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.2

88 16.3 0.0 33.2

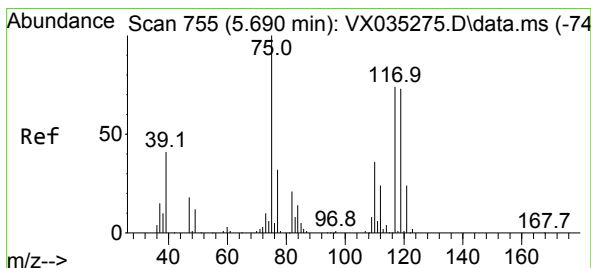
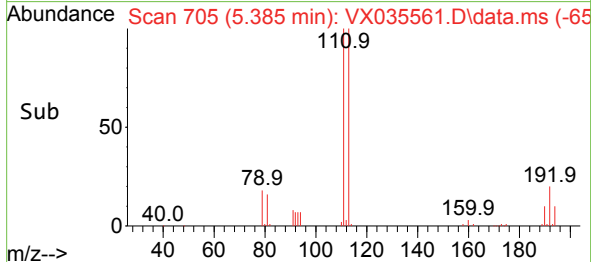
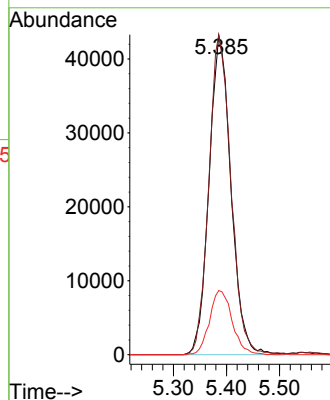
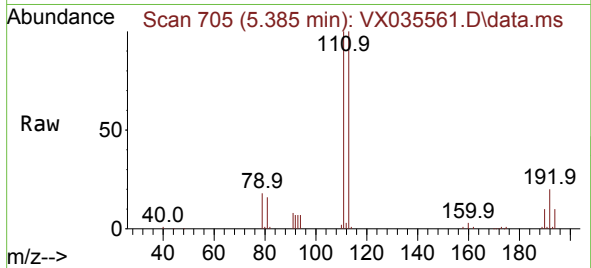




#35
Dibromofluoromethane
Concen: 50.949 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035561.D
Acq: 08 May 2023 15:37

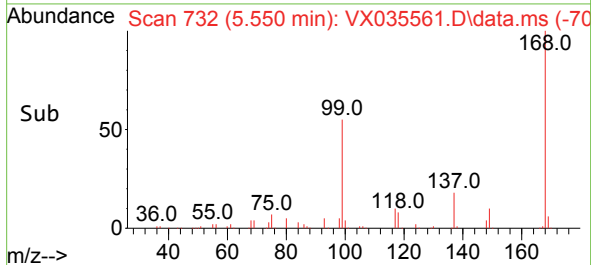
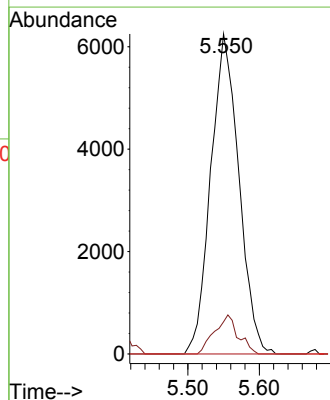
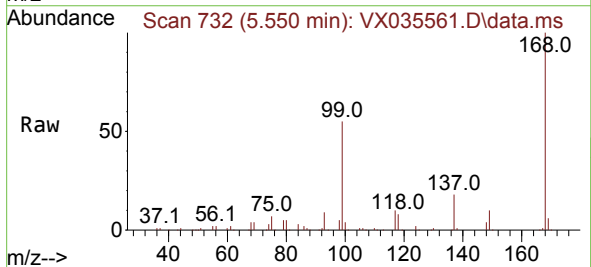
Instrument :
MSVOA_X
ClientSampleId :
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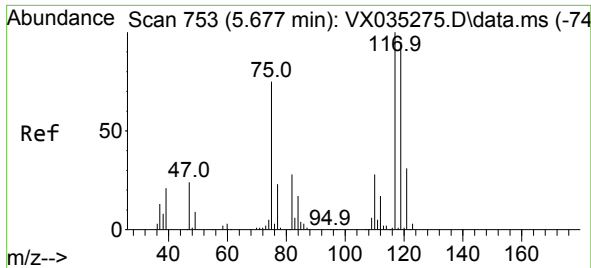
Tgt Ion:113 Resp: 123849
Ion Ratio Lower Upper
113 100
111 101.0 83.7 125.5
192 20.8 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.492 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035561.D
Acq: 08 May 2023 15:37

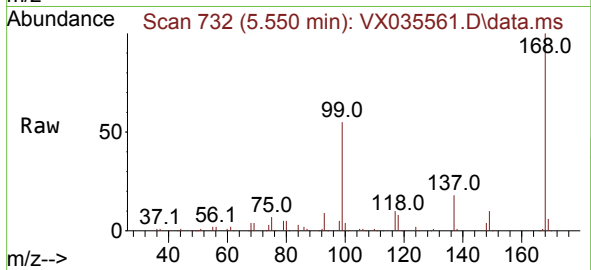
Tgt Ion: 75 Resp: 17051
Ion Ratio Lower Upper
75 100
110 10.3 17.5 52.5#
77 0.0 24.3 36.5#



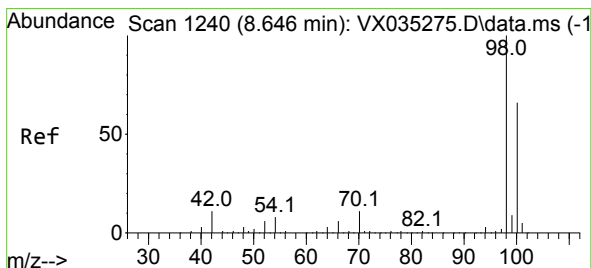
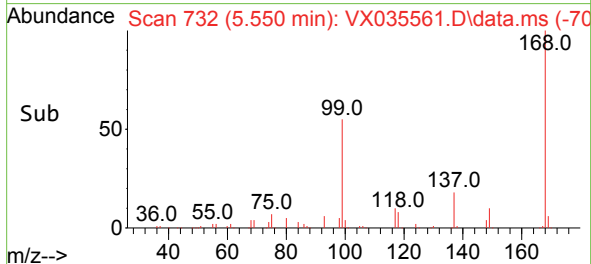
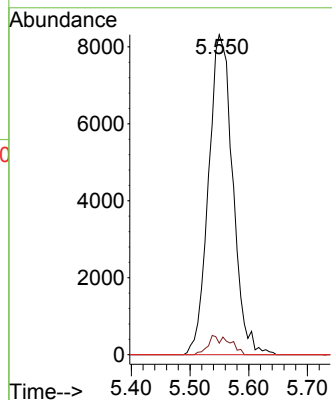


#38
Carbon Tetrachloride
Concen: 6.602 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035561.D
Acq: 08 May 2023 15:37

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

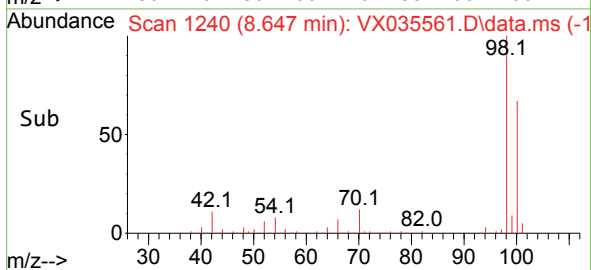
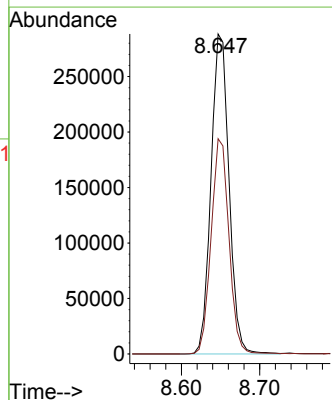
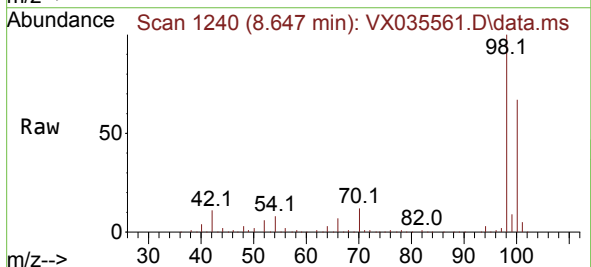


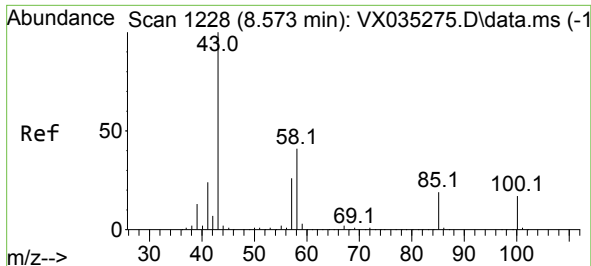
Tgt Ion:117 Resp: 23789
Ion Ratio Lower Upper
117 100
119 3.6 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 50.083 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035561.D
Acq: 08 May 2023 15:37

Tgt Ion: 98 Resp: 459253
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7

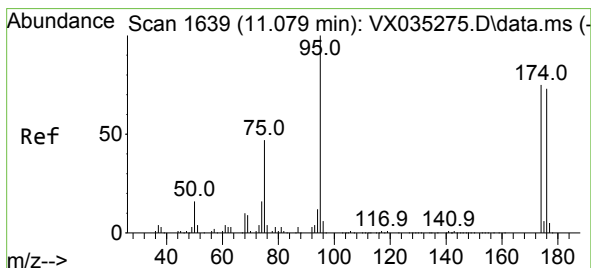
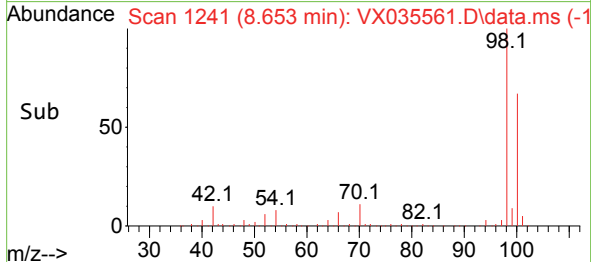
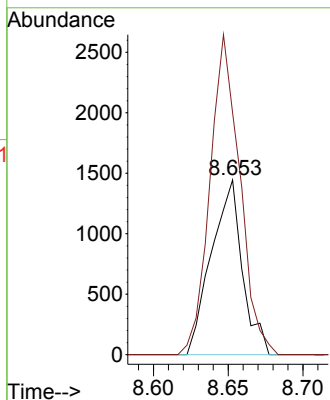
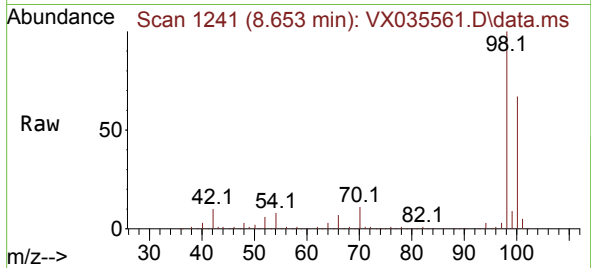




#51
4-Methyl-2-Pentanone
Concen: 0.582 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX035561.D
Acq: 08 May 2023 15:37

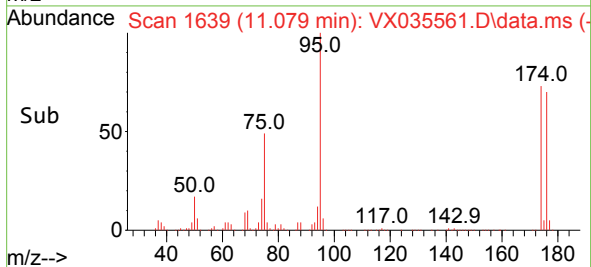
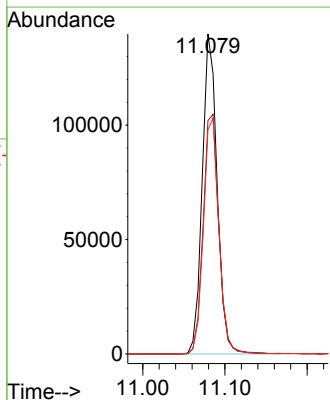
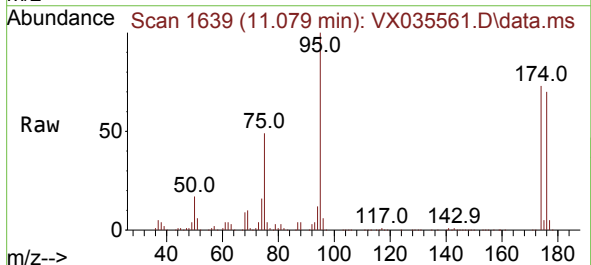
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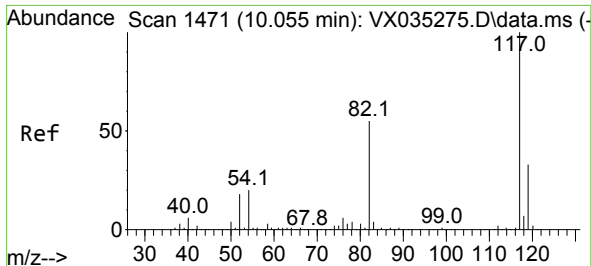
Tgt Ion: 43 Resp: 2083
Ion Ratio Lower Upper
43 100
58 176.2 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 51.114 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035561.D
Acq: 08 May 2023 15:37

Tgt Ion: 95 Resp: 176320
Ion Ratio Lower Upper
95 100
174 78.6 0.0 147.4
176 76.4 0.0 140.6

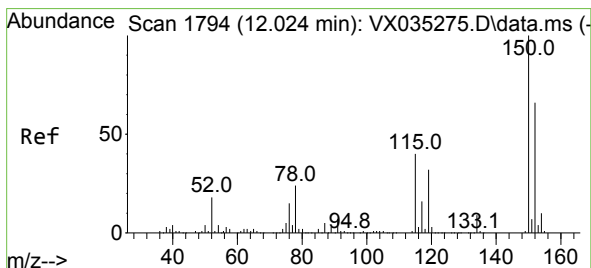
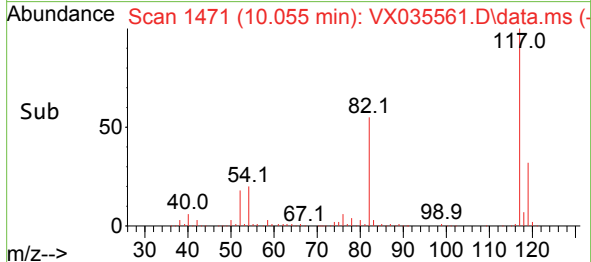
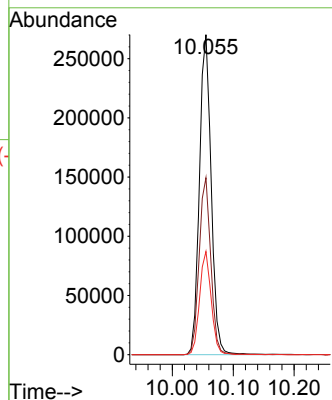
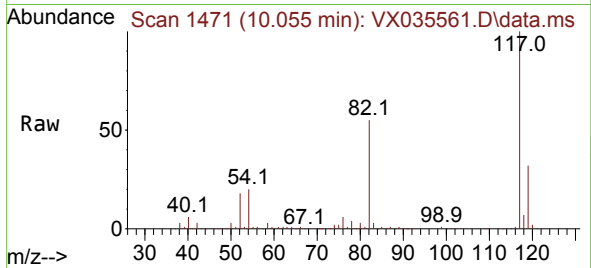




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035561.D
Acq: 08 May 2023 15:37

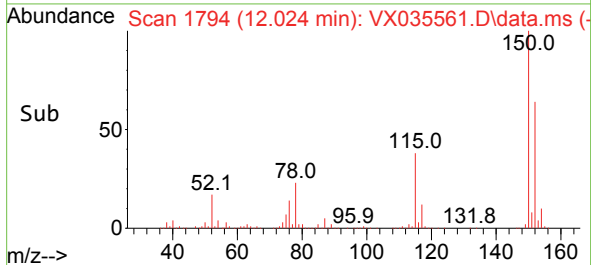
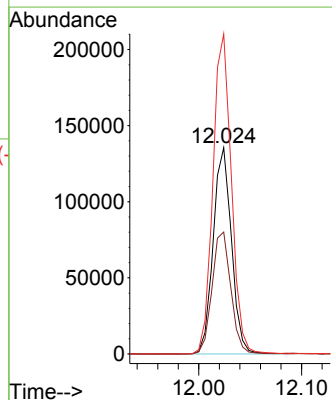
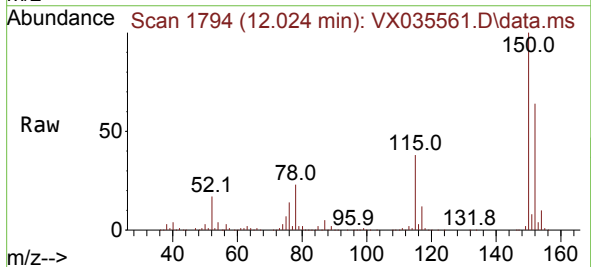
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

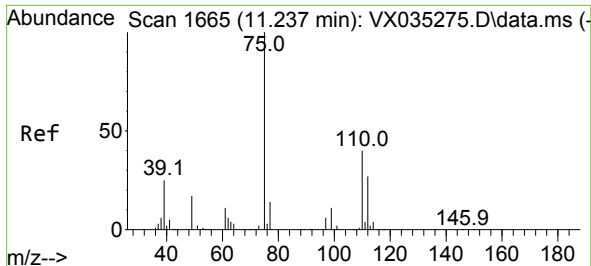
Tgt Ion:117 Resp: 362121
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035561.D
Acq: 08 May 2023 15:37

Tgt Ion:152 Resp: 167097
Ion Ratio Lower Upper
152 100
115 60.9 45.0 135.0
150 156.9 0.0 352.4

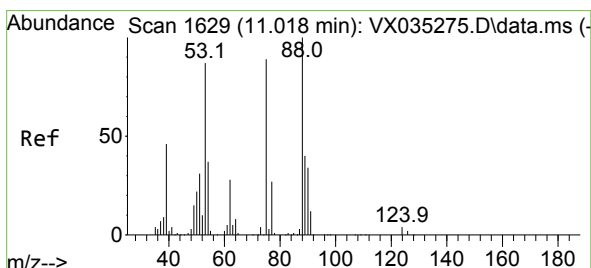
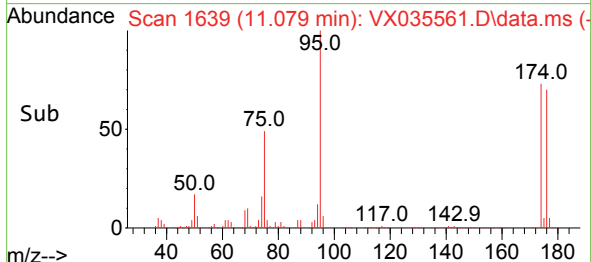
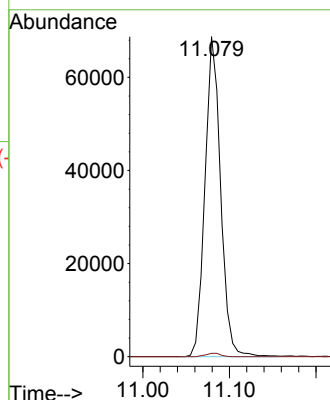
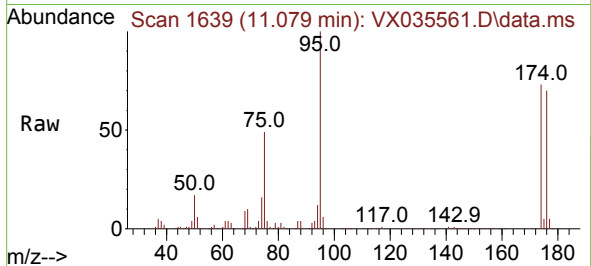




#76
1,2,3-Trichloropropane
Concen: 25.862 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035561.D
Acq: 08 May 2023 15:37

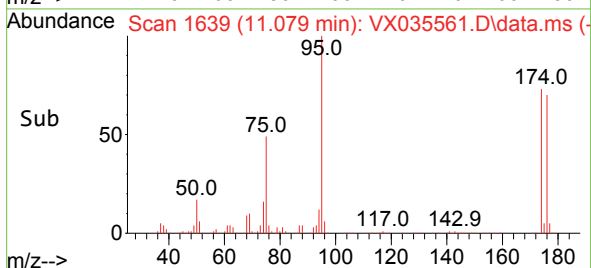
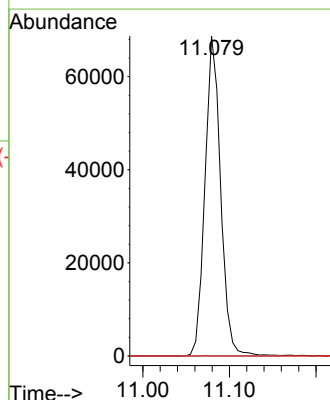
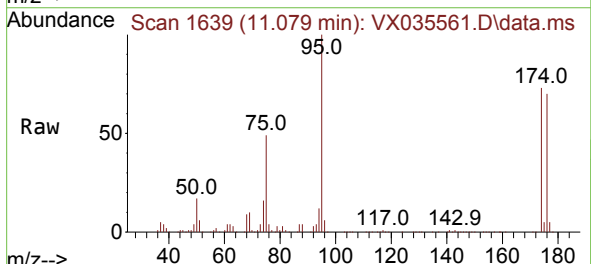
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

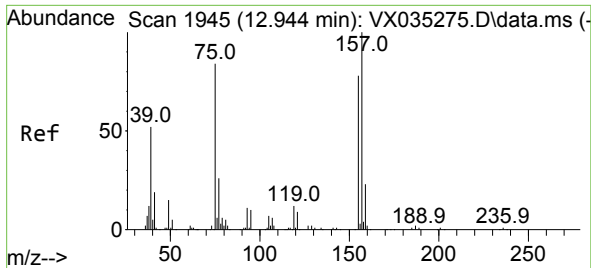
Tgt Ion: 75 Resp: 86202
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.761 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035561.D
Acq: 08 May 2023 15:37

Tgt Ion: 75 Resp: 86202
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.1 36.9 55.3#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.288 ug/l
 RT: 12.762 min Scan# 1915
 Delta R.T. -0.182 min
 Lab File: VX035561.D
 Acq: 08 May 2023 15:37

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

Tgt Ion: 75 Resp: 219
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.4 115.1#
 157 0.0 49.9 149.7#

