

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
 Data File : VX036858.D
 Acq On : 08 Aug 2023 12:51
 Operator : JC/MD
 Sample : 03820-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 09 04:13:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

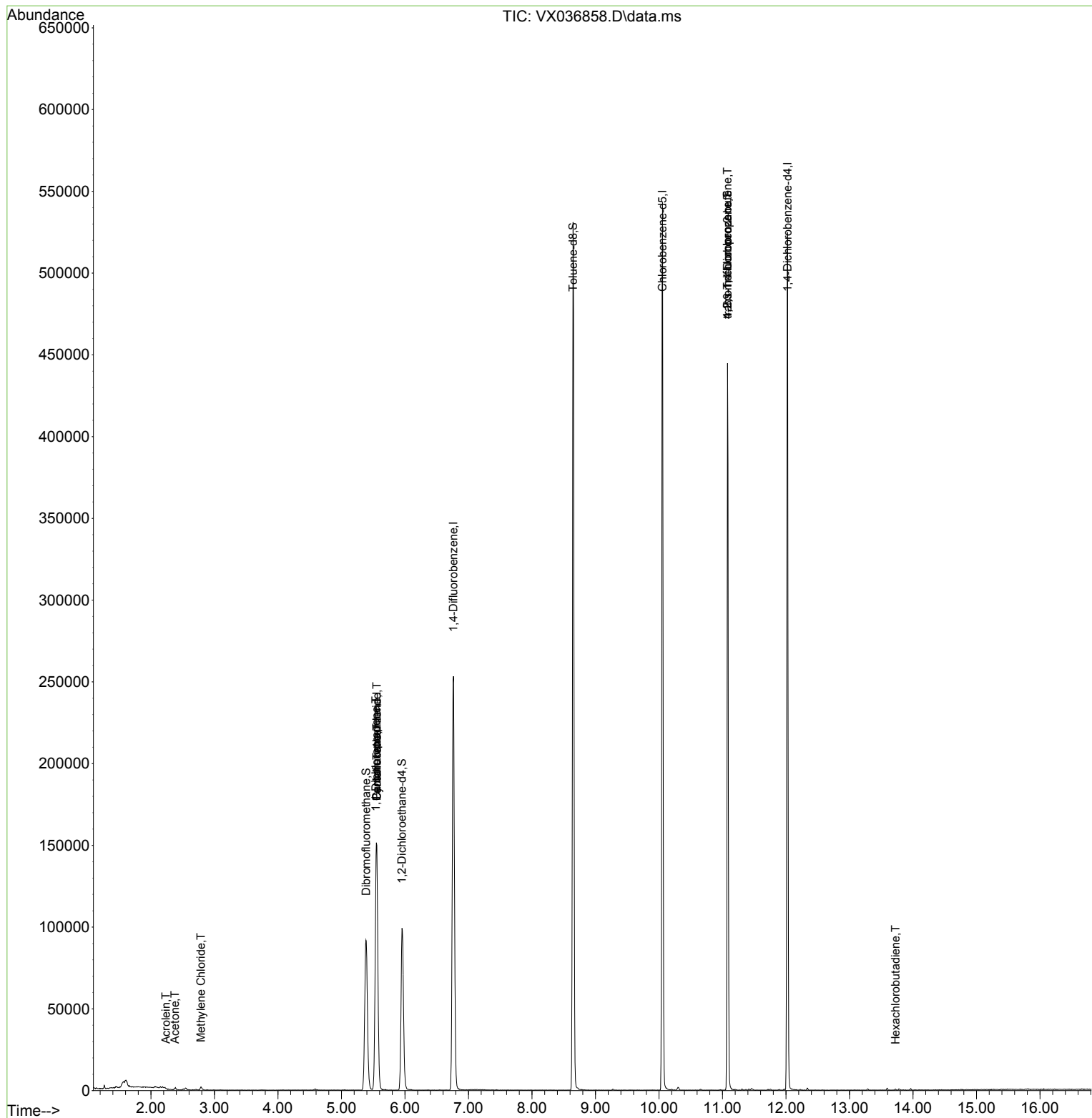
Internal Standards						
1) Pentafluorobenzene	5.556	168	141543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	261873	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98419	46.993	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.980%
35) Dibromofluoromethane	5.385	113	82620	45.901	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.800%
50) Toluene-d8	8.647	98	313218	49.070	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.140%
62) 4-Bromofluorobenzene	11.079	95	118176	49.072	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.140%
Target Compounds						
					Qvalue	
13) Acrolein	2.233	56	155	0.548	ug/l #	76
16) Acetone	2.380	43	1365	1.571	ug/l	97
20) Methylene Chloride	2.788	84	1032	0.534	ug/l #	80
31) Cyclohexane	5.556	56	3114	1.074	ug/l #	4
36) 1,1-Dichloropropene	5.544	75	11651	4.343	ug/l #	46
38) Carbon Tetrachloride	5.556	117	15350	5.382	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	61379	24.212	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	61379	54.877	ug/l #	5
94) Hexachlorobutadiene	13.725	225	209	0.226	ug/l	93

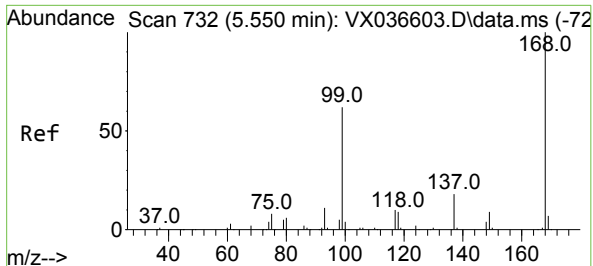
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

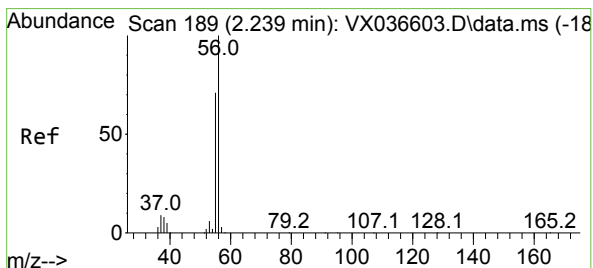
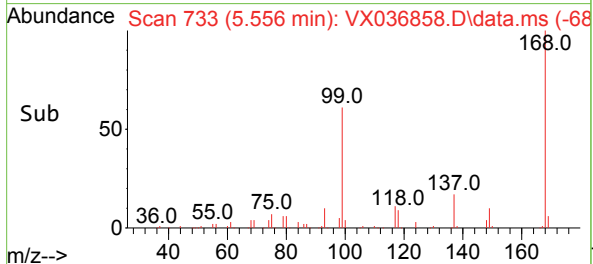
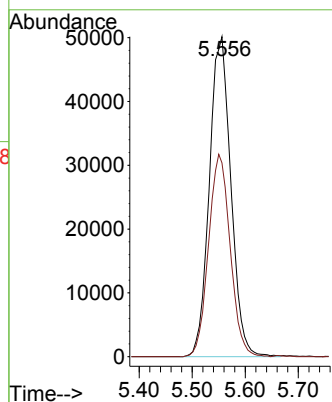
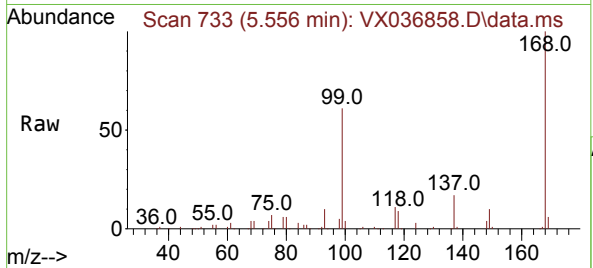




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036858.D
Acq: 08 Aug 2023 12:51

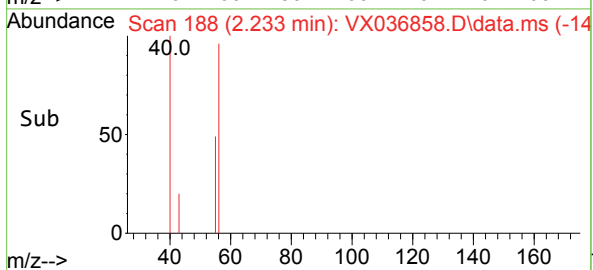
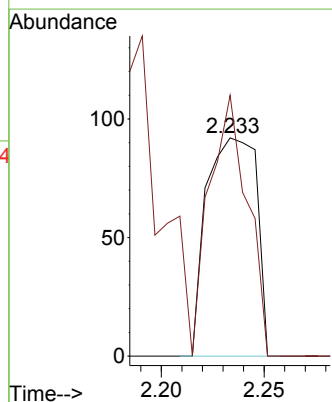
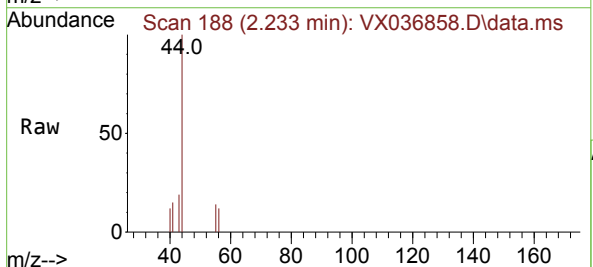
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

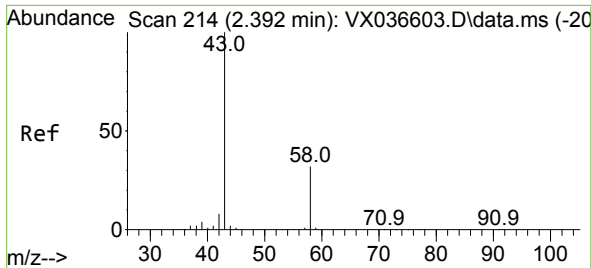
Tgt Ion:168 Resp: 141543
Ion Ratio Lower Upper
168 100
99 60.6 56.6 85.0



#13
Acrolein
Concen: 0.548 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX036858.D
Acq: 08 Aug 2023 12:51

Tgt Ion: 56 Resp: 155
Ion Ratio Lower Upper
56 100
55 91.0 57.1 85.7#

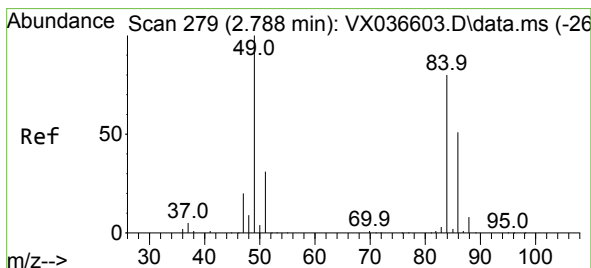
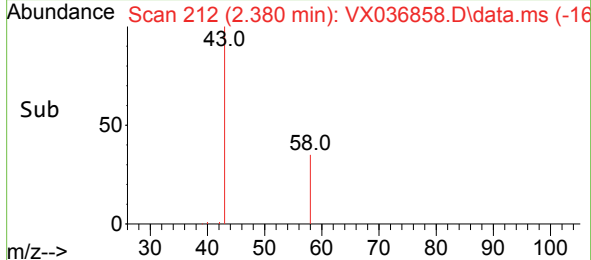
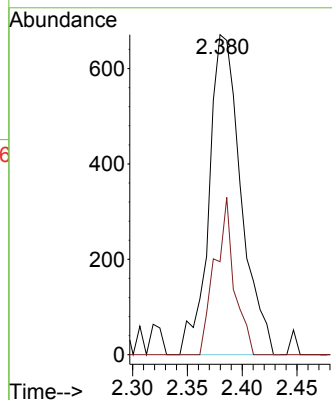
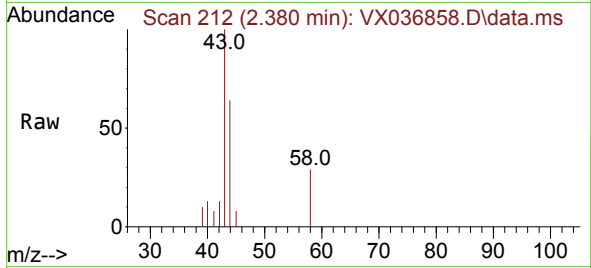




#16
Acetone
Concen: 1.571 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036858.D
Acq: 08 Aug 2023 12:51

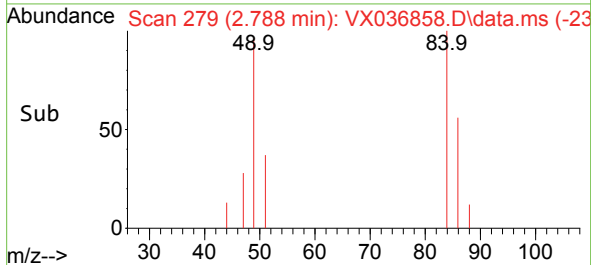
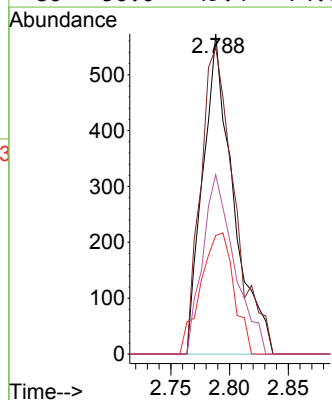
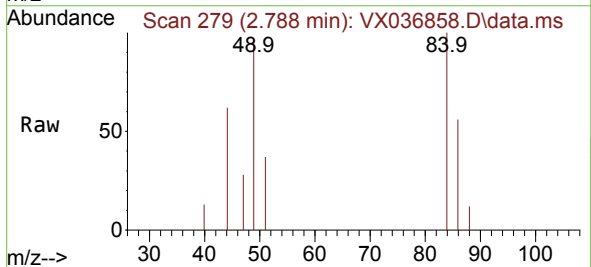
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

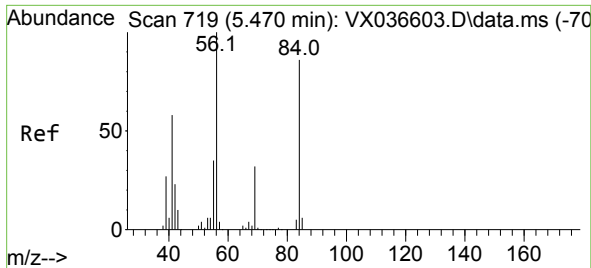
Tgt Ion: 43 Resp: 1365
Ion Ratio Lower Upper
43 100
58 29.1 21.9 32.9



#20
Methylene Chloride
Concen: 0.534 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036858.D
Acq: 08 Aug 2023 12:51

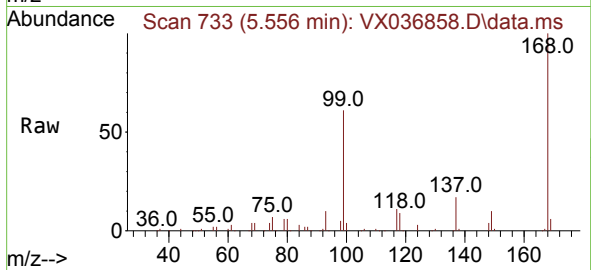
Tgt Ion: 84 Resp: 1032
Ion Ratio Lower Upper
84 100
49 95.8 103.6 155.4#
51 37.0 33.8 50.6
86 56.0 49.4 74.0



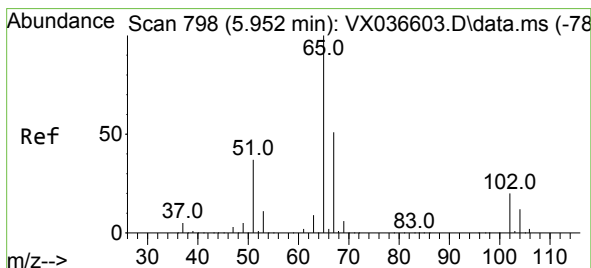
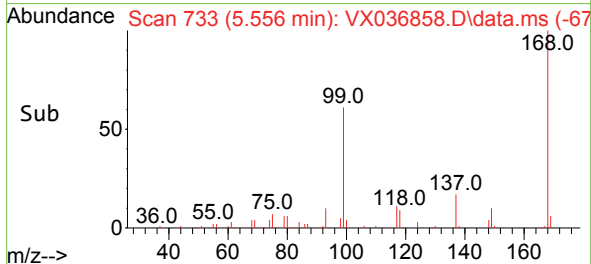
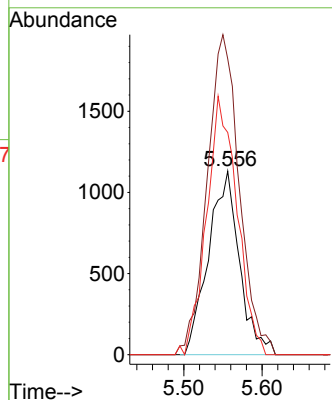


#31
Cyclohexane
Concen: 1.074 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX036858.D
Acq: 08 Aug 2023 12:51

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

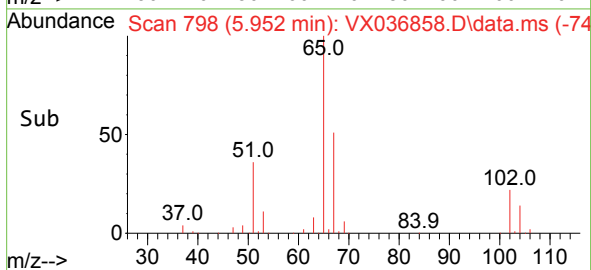
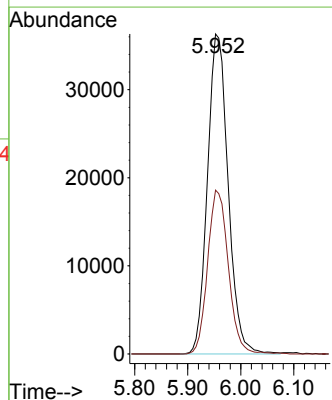
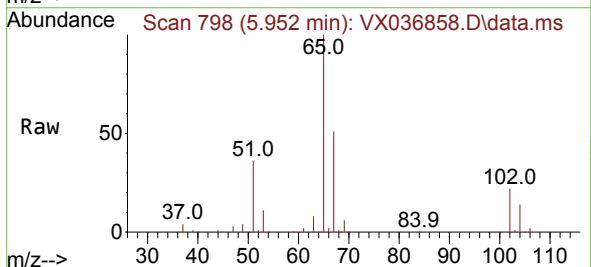


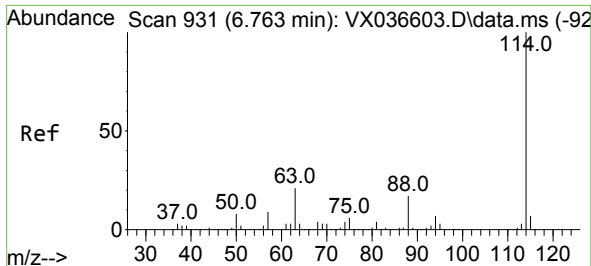
Tgt Ion: 56 Resp: 3114
Ion Ratio Lower Upper
56 100
69 161.2 23.4 35.2#
84 121.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.993 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036858.D
Acq: 08 Aug 2023 12:51

Tgt Ion: 65 Resp: 98419
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2

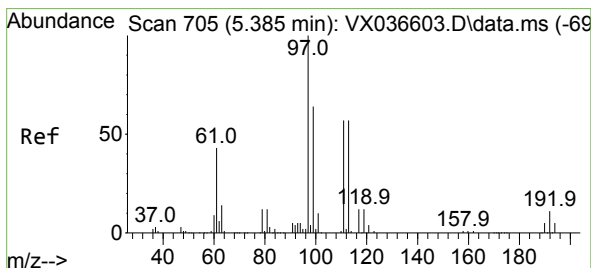
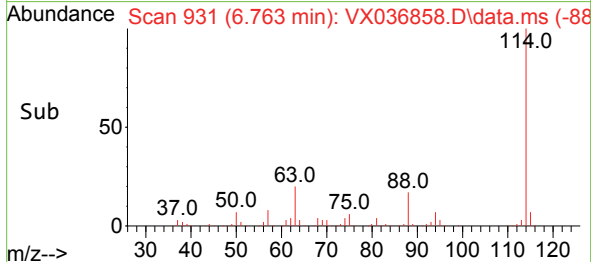
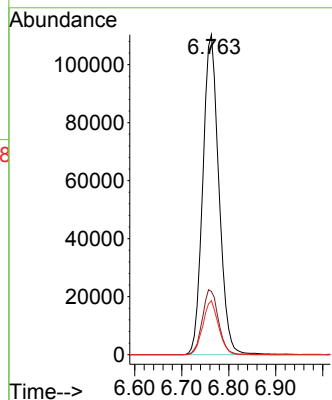
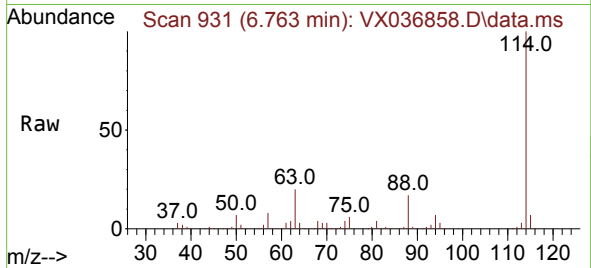




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036858.D
Acq: 08 Aug 2023 12:51

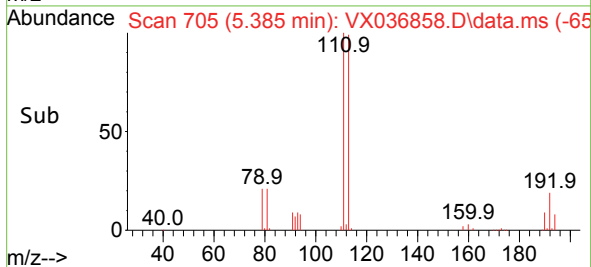
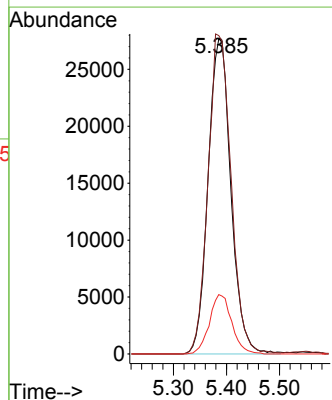
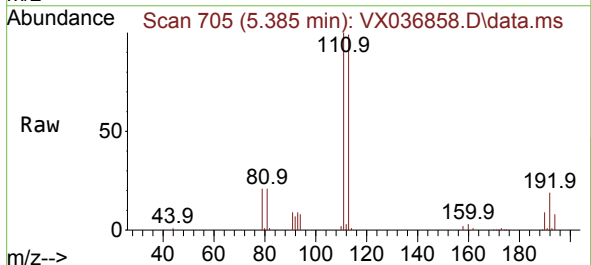
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

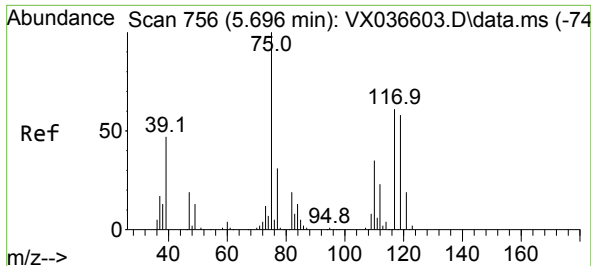
Tgt Ion:114 Resp: 261873
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.901 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036858.D
Acq: 08 Aug 2023 12:51

Tgt Ion:113 Resp: 82620
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.5 13.3 19.9

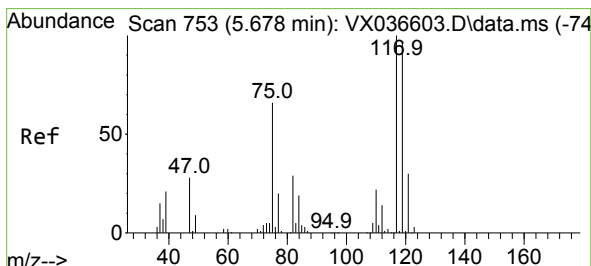
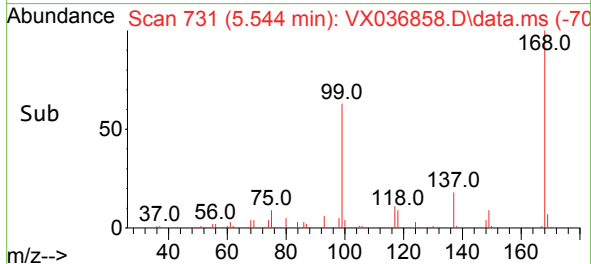
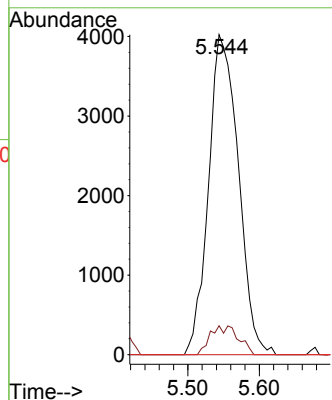
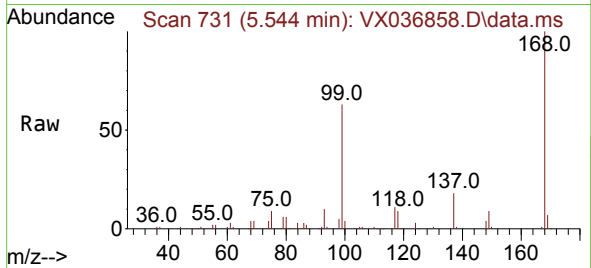




#36
1,1-Dichloropropene
Concen: 4.343 ug/l
RT: 5.544 min Scan# 713
Delta R.T. -0.152 min
Lab File: VX036858.D
Acq: 08 Aug 2023 12:51

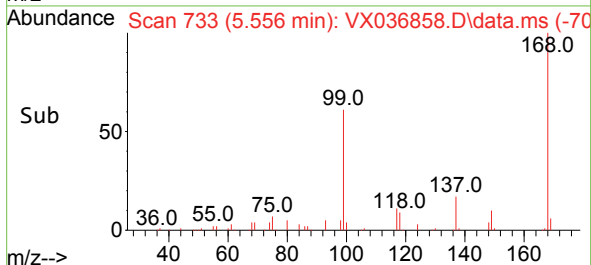
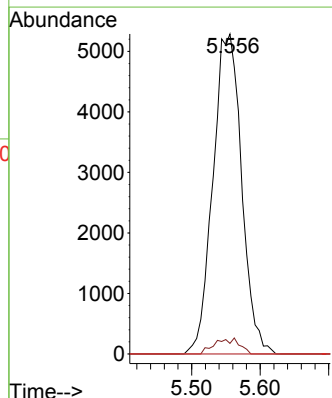
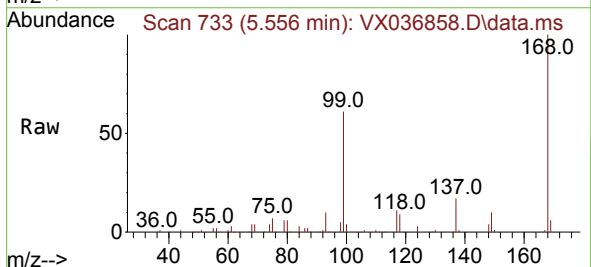
Instrument :
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ClientSampleId :
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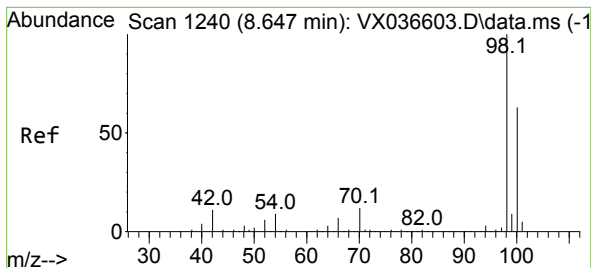
Tgt Ion: 75 Resp: 11651
Ion Ratio Lower Upper
75 100
110 4.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.382 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX036858.D
Acq: 08 Aug 2023 12:51

Tgt Ion: 117 Resp: 15350
Ion Ratio Lower Upper
117 100
119 3.3 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 49.070 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036858.D

Acq: 08 Aug 2023 12:51

Instrument :

MSVOA_X

ClientSampleId :

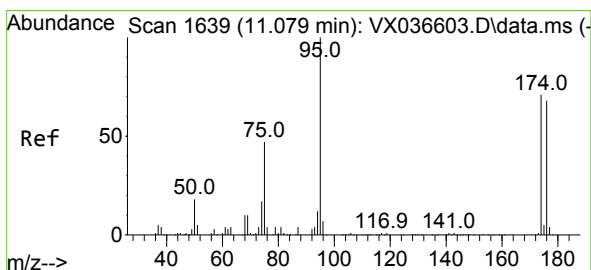
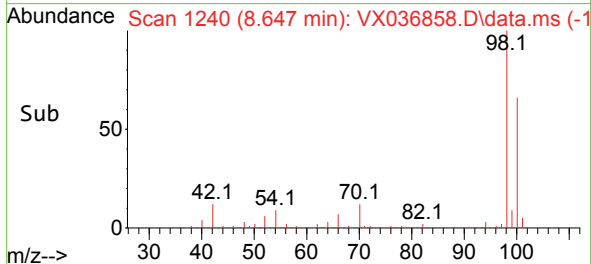
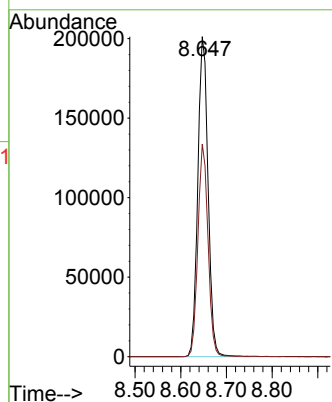
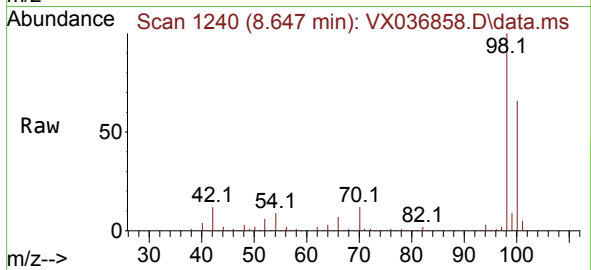
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 313218

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 49.072 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036858.D

Acq: 08 Aug 2023 12:51

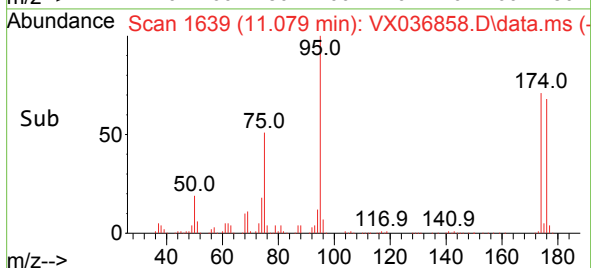
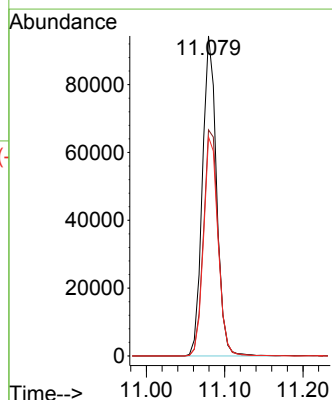
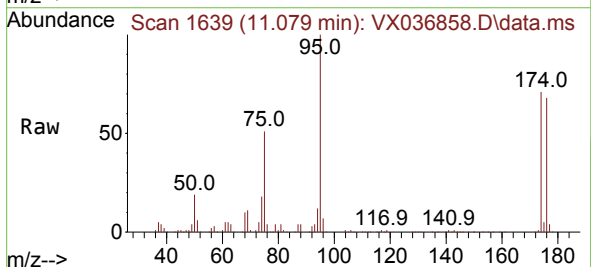
Tgt Ion: 95 Resp: 118176

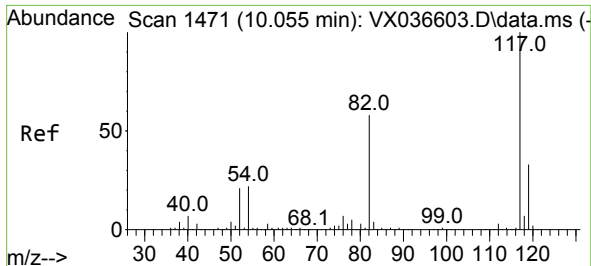
Ion Ratio Lower Upper

95 100

174 73.8 0.0 135.6

176 70.2 0.0 131.0

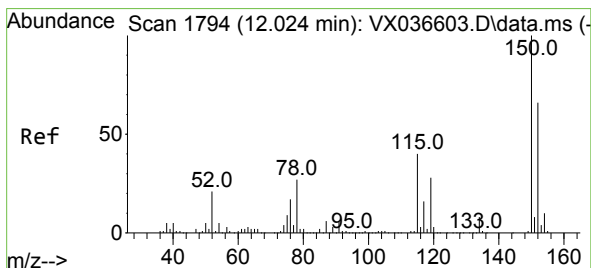
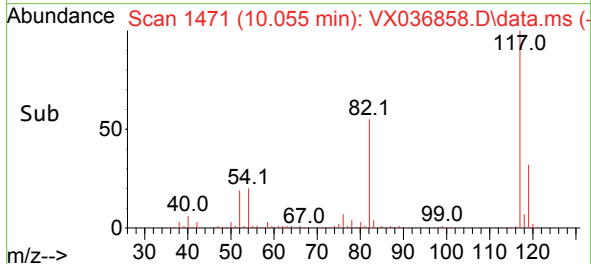
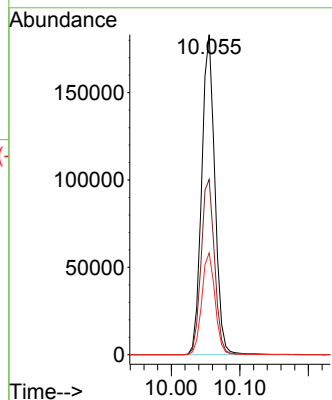
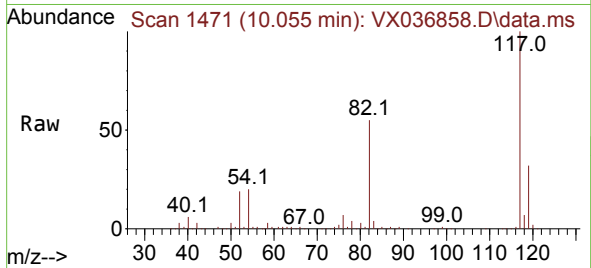




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036858.D
Acq: 08 Aug 2023 12:51

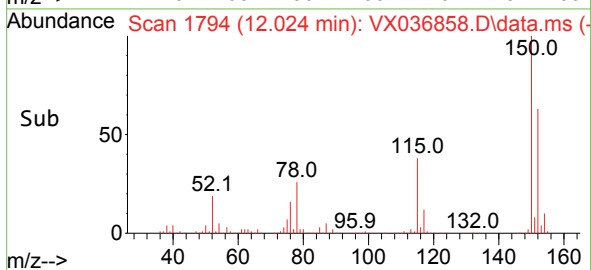
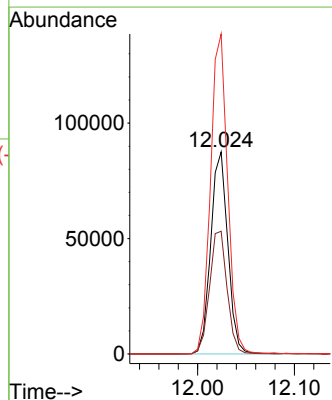
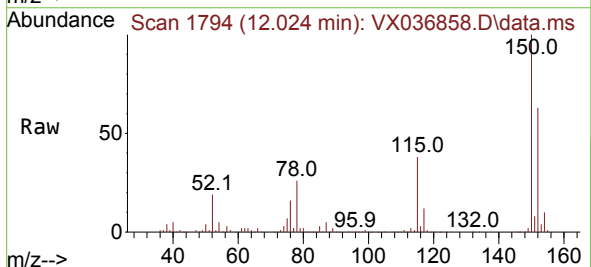
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

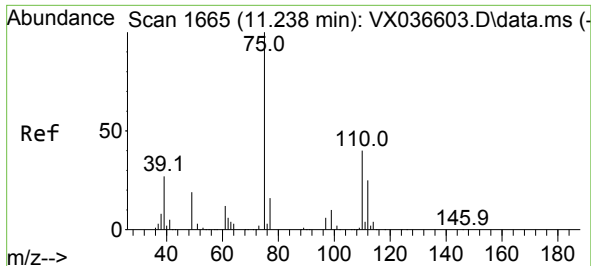
Tgt Ion:117 Resp: 244892
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036858.D
Acq: 08 Aug 2023 12:51

Tgt Ion:152 Resp: 107780
Ion Ratio Lower Upper
152 100
115 62.5 43.3 129.9
150 159.0 0.0 345.0

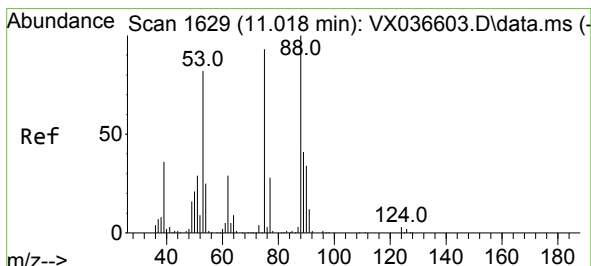
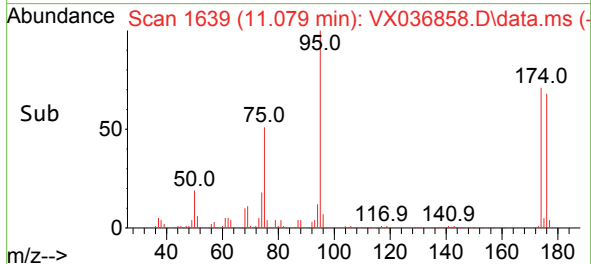
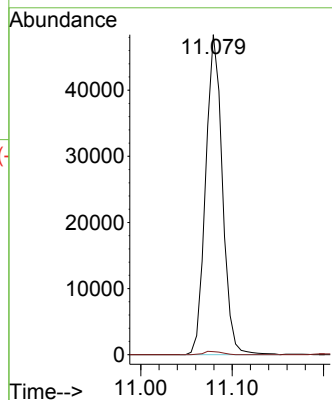
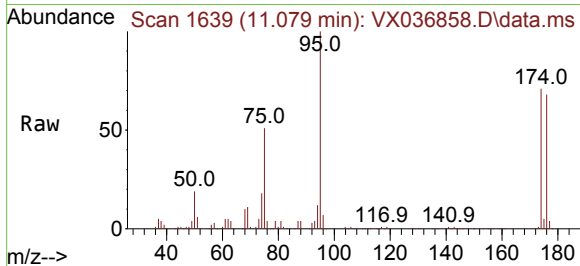




#76
1,2,3-Trichloropropane
Concen: 24.212 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036858.D
Acq: 08 Aug 2023 12:51

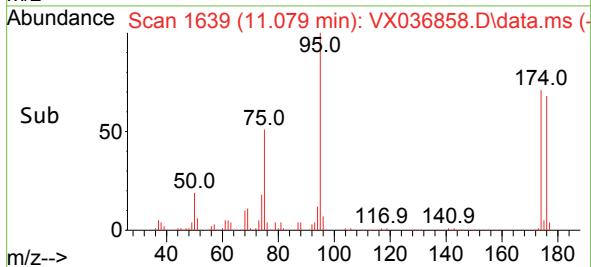
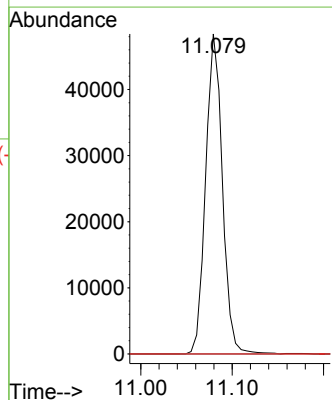
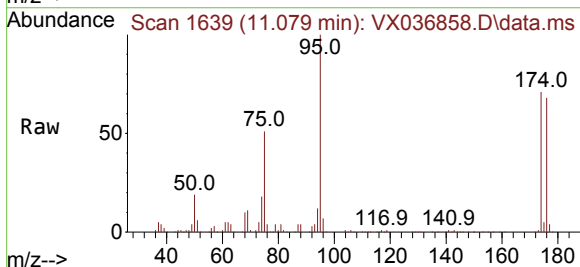
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

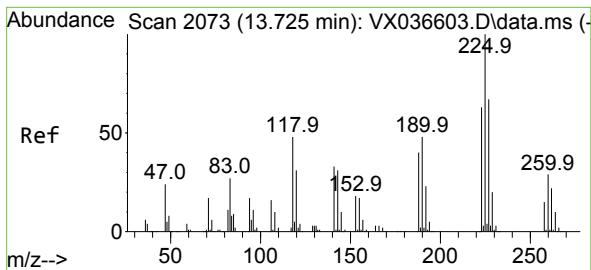
Tgt Ion: 75 Resp: 61379
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.877 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036858.D
Acq: 08 Aug 2023 12:51

Tgt Ion: 75 Resp: 61379
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#94

Hexachlorobutadiene

Concen: 0.226 ug/l

RT: 13.725 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX036858.D

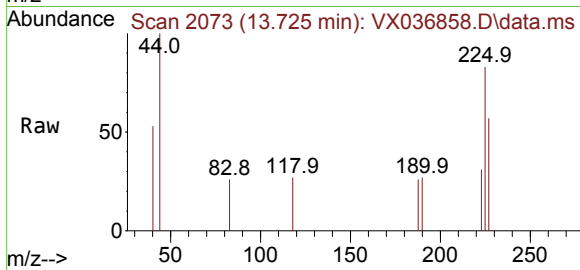
Acq: 08 Aug 2023 12:51

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



Tgt Ion:225 Resp: 209

Ion Ratio Lower Upper

225 100

223 52.2 31.1 93.2

227 64.6 32.5 97.5

