

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034803.D
 Acq On : 28 Mar 2023 19:09
 Operator : JC/MD
 Sample : 02098-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Mar 29 04:06:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

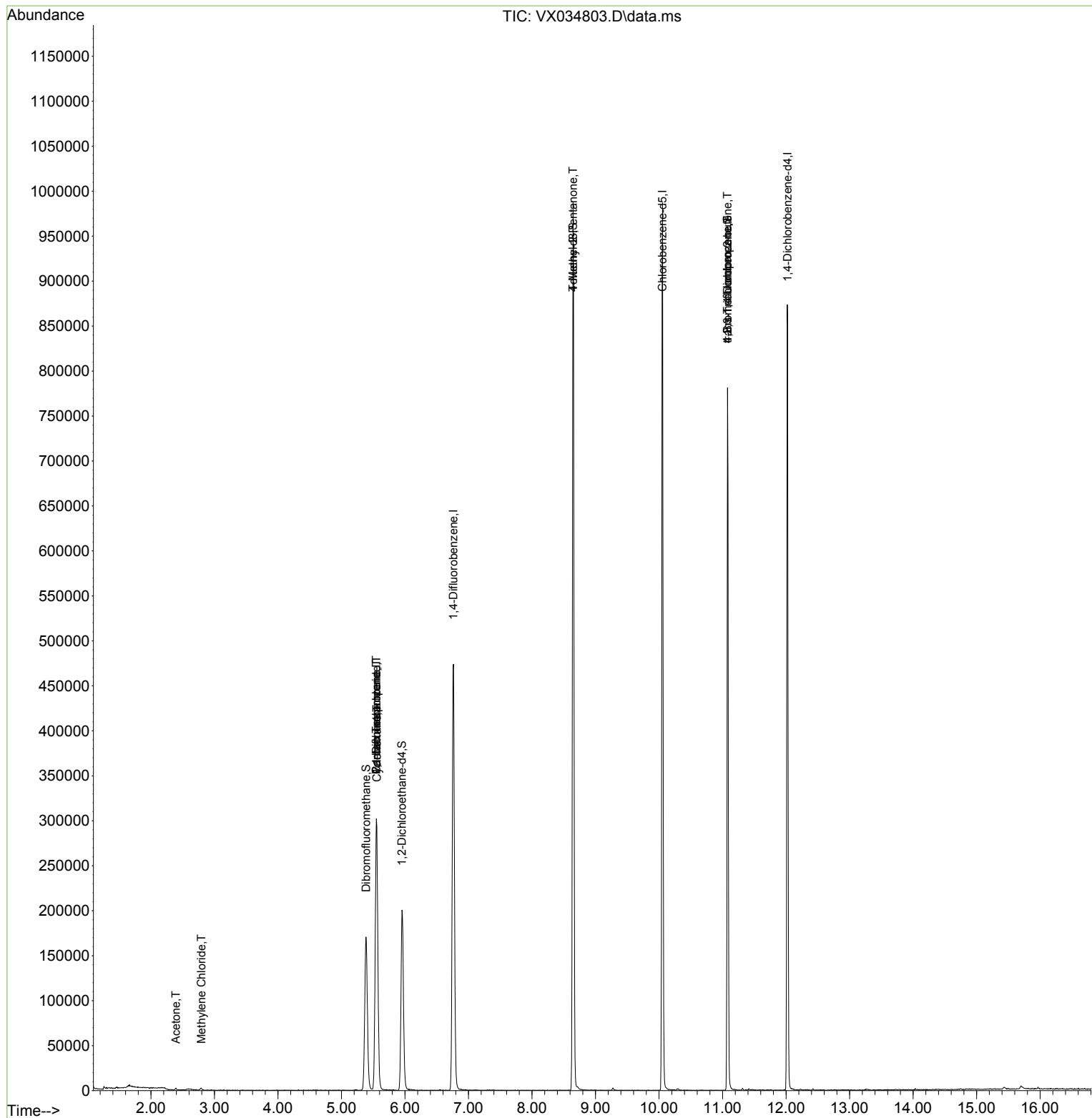
Internal Standards						
1) Pentafluorobenzene	5.550	168	280847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	478924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	418802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	193723	47.414	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.820%
35) Dibromofluoromethane	5.385	113	145419	45.988	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.980%
50) Toluene-d8	8.647	98	575868	48.785	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.560%
62) 4-Bromofluorobenzene	11.079	95	202806	42.535	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.060%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	376	Below Cal	#	85
16) Acetone	2.392	43	1827	0.949	ug/l #	84
20) Methylene Chloride	2.794	84	1055	0.282	ug/l	92
31) Cyclohexane	5.556	56	7132	1.245	ug/l #	28
36) 1,1-Dichloropropene	5.550	75	23419	4.822	ug/l #	51
38) Carbon Tetrachloride	5.550	117	29257	6.055	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	2968	0.569	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	107635	26.276	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	107635	71.085	ug/l #	8

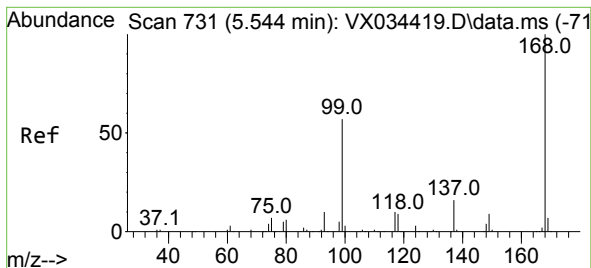
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX034803.D

Acq: 28 Mar 2023 19:09

Instrument :

MSVOA_X

ClientSampleId :

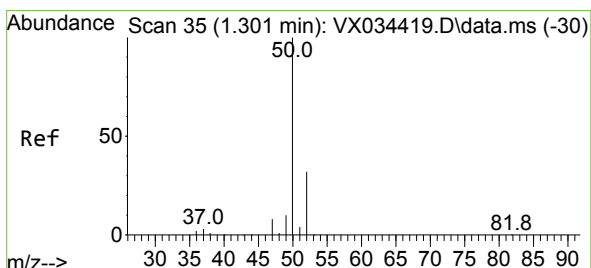
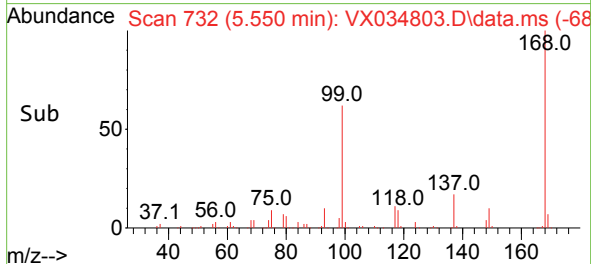
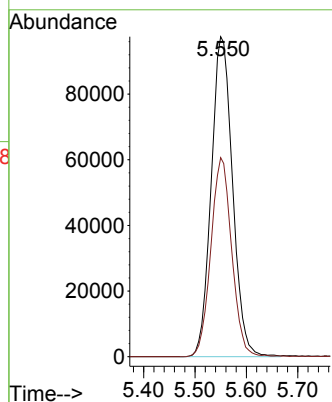
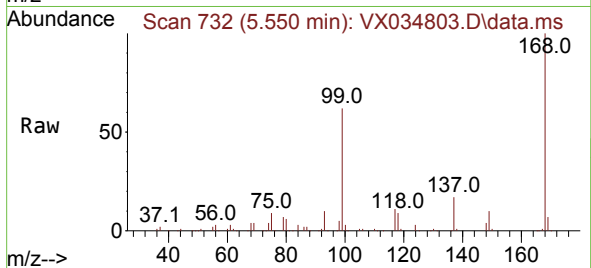
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:168 Resp: 280847

Ion Ratio Lower Upper

168 100

99 62.2 45.7 68.5



#3

Chloromethane

Concen: Below Cal

RT: 1.294 min Scan# 34

Delta R.T. -0.007 min

Lab File: VX034803.D

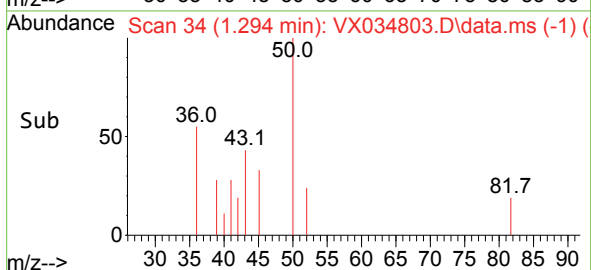
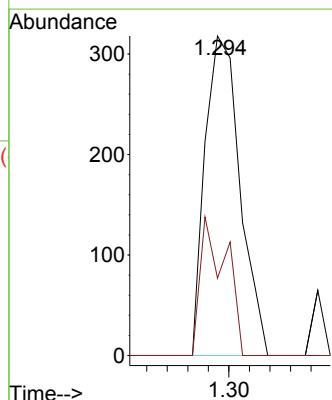
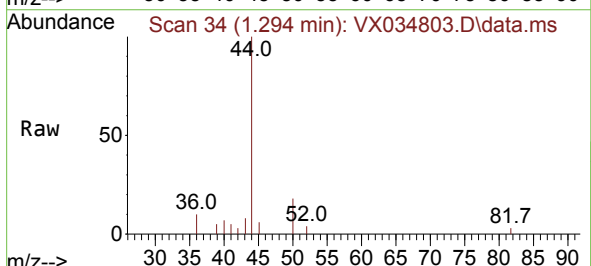
Acq: 28 Mar 2023 19:09

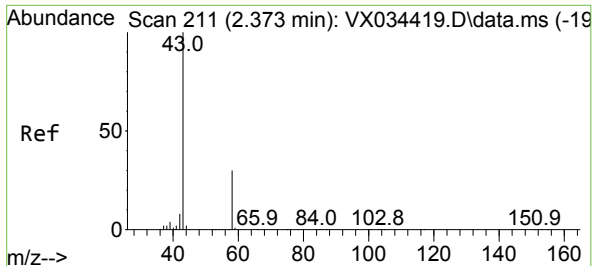
Tgt Ion: 50 Resp: 376

Ion Ratio Lower Upper

50 100

52 24.2 25.9 38.9#

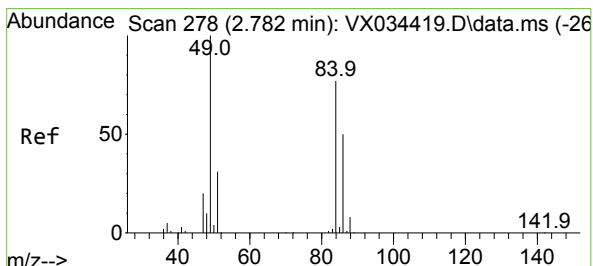
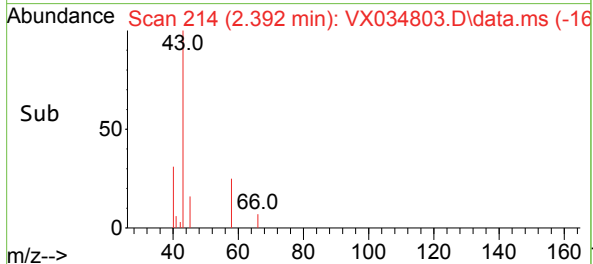
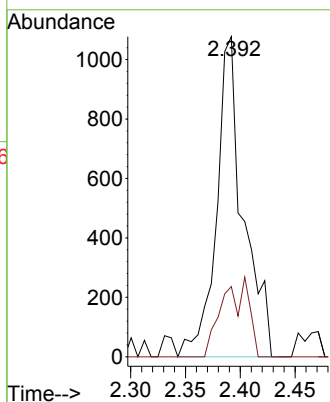
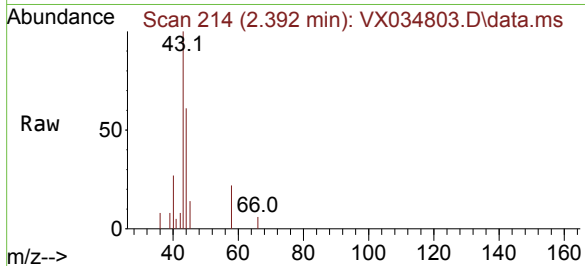




#16
Acetone
Concen: 0.949 ug/l
RT: 2.392 min Scan# 211
Delta R.T. 0.018 min
Lab File: VX034803.D
Acq: 28 Mar 2023 19:09

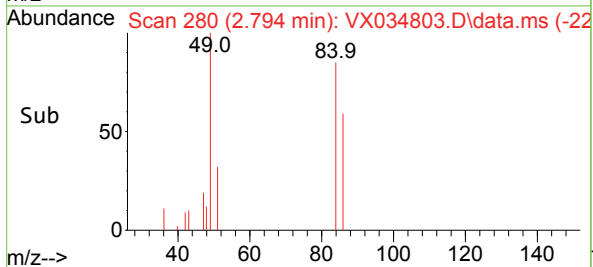
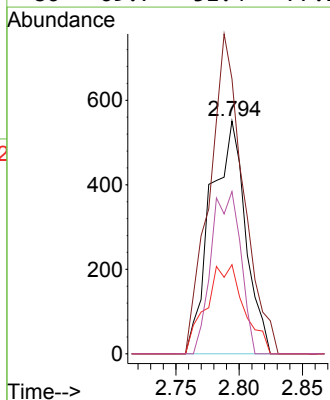
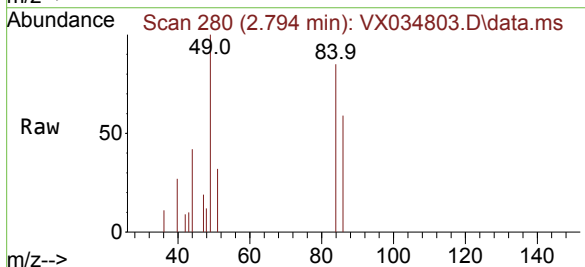
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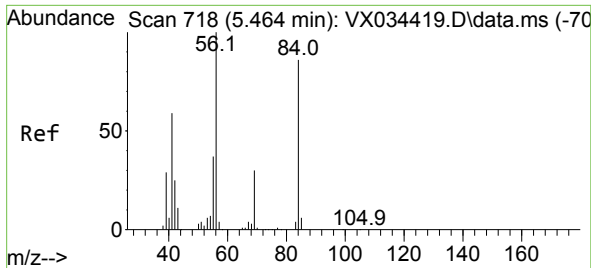
Tgt Ion: 43 Resp: 1827
Ion Ratio Lower Upper
43 100
58 21.9 24.7 37.1#



#20
Methylene Chloride
Concen: 0.282 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX034803.D
Acq: 28 Mar 2023 19:09

Tgt Ion: 84 Resp: 1055
Ion Ratio Lower Upper
84 100
49 118.1 103.8 155.8
51 38.3 31.8 47.8
86 69.7 51.4 77.2

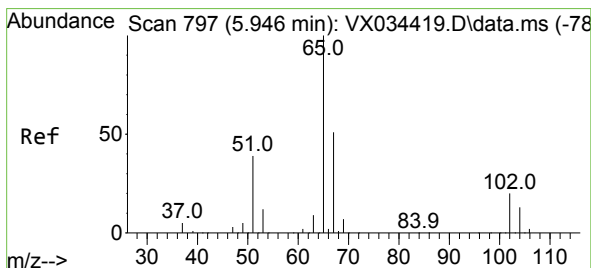
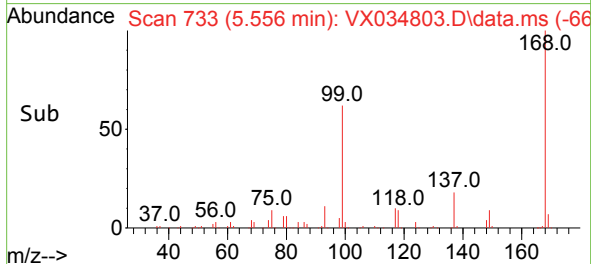
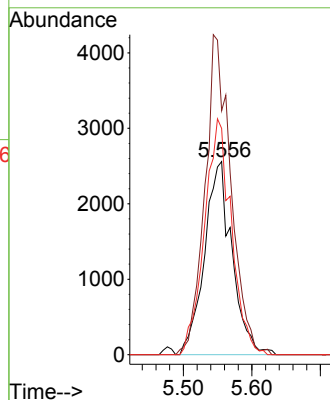
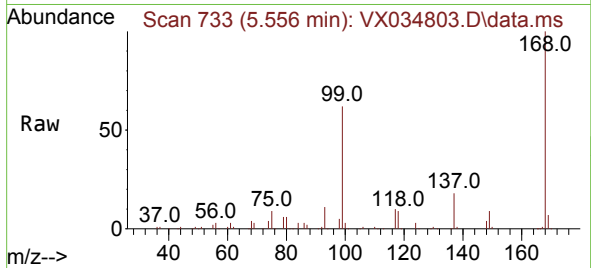




#31
Cyclohexane
Concen: 1.245 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX034803.D
Acq: 28 Mar 2023 19:09

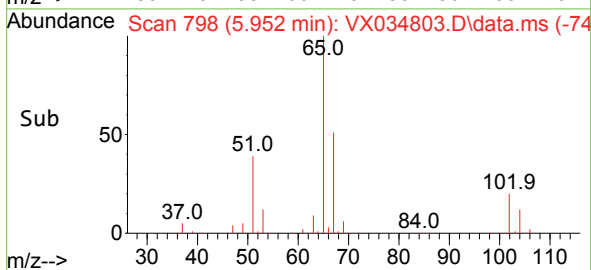
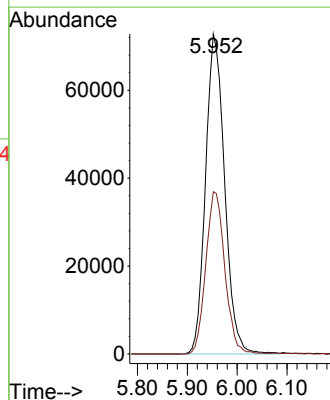
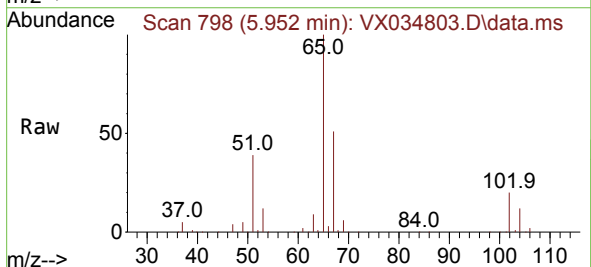
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

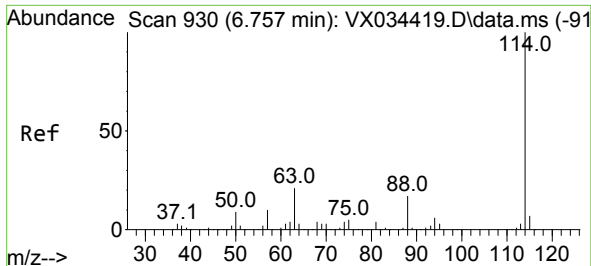
Tgt Ion: 56 Resp: 7132
Ion Ratio Lower Upper
56 100
69 126.3 23.7 35.5#
84 117.1 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.414 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034803.D
Acq: 28 Mar 2023 19:09

Tgt Ion: 65 Resp: 193723
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034803.D

Acq: 28 Mar 2023 19:09

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

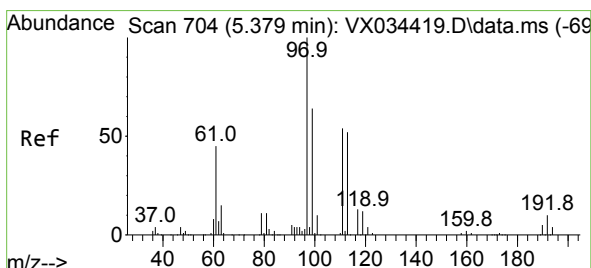
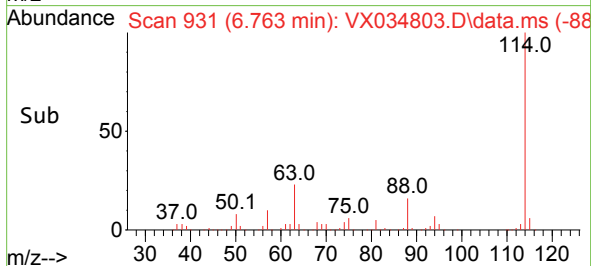
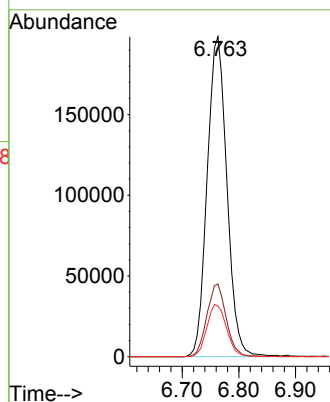
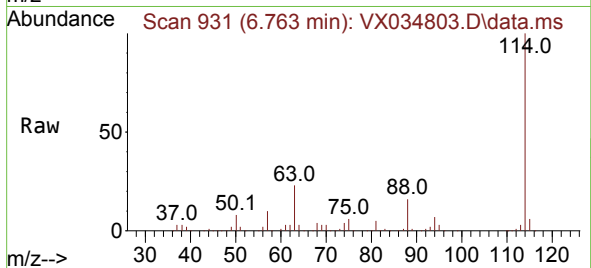
Tgt Ion:114 Resp: 478924

Ion Ratio Lower Upper

114 100

63 22.7 0.0 42.2

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 45.988 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034803.D

Acq: 28 Mar 2023 19:09

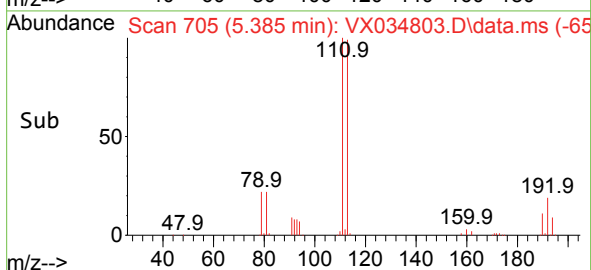
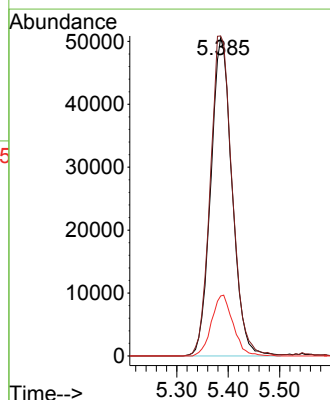
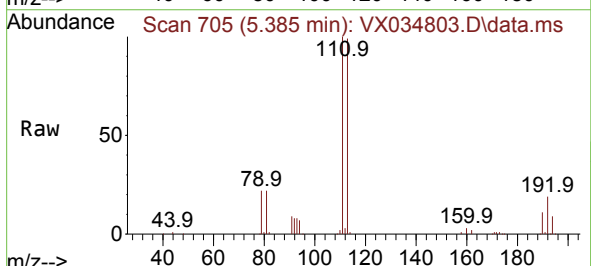
Tgt Ion:113 Resp: 145419

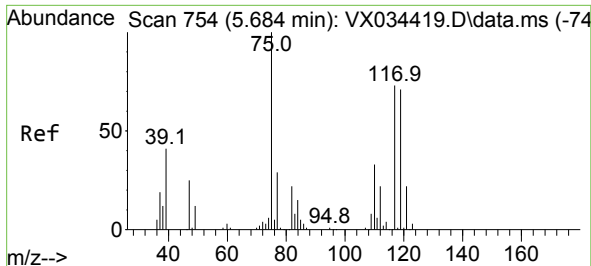
Ion Ratio Lower Upper

113 100

111 103.8 83.7 125.5

192 19.3 15.4 23.2

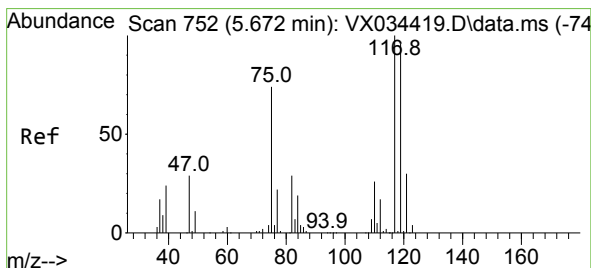
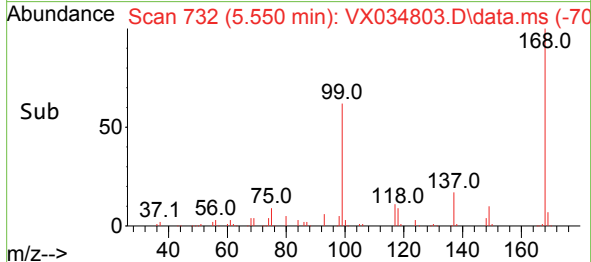
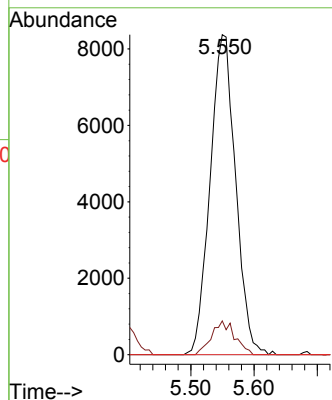
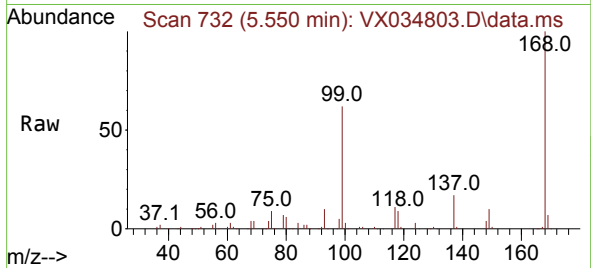




#36
1,1-Dichloropropene
Concen: 4.822 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX034803.D
Acq: 28 Mar 2023 19:09

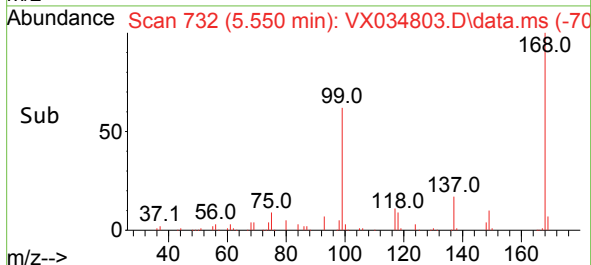
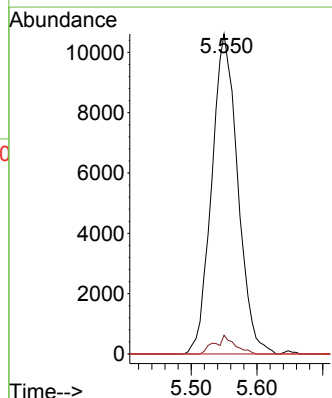
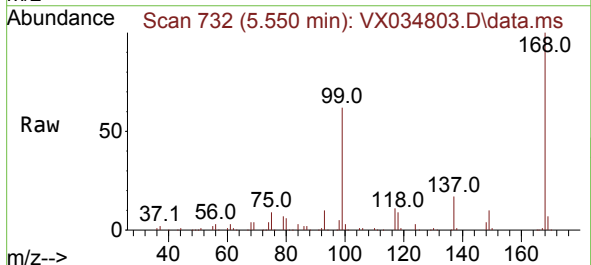
Instrument :
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ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

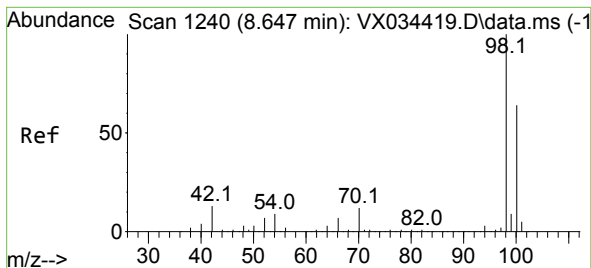
Tgt Ion: 75 Resp: 23419
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.055 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034803.D
Acq: 28 Mar 2023 19:09

Tgt Ion: 117 Resp: 29257
Ion Ratio Lower Upper
117 100
119 5.9 76.6 114.8#
121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 48.785 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034803.D

Acq: 28 Mar 2023 19:09

Instrument :

MSVOA_X

ClientSampleId :

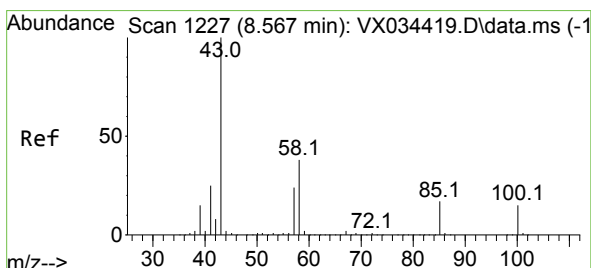
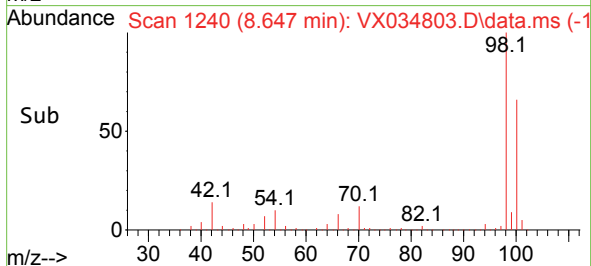
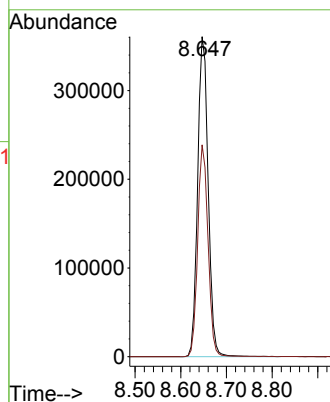
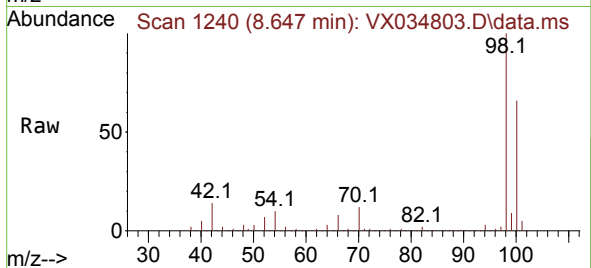
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 575868

Ion Ratio Lower Upper

98 100

100 65.2 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.569 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.079 min

Lab File: VX034803.D

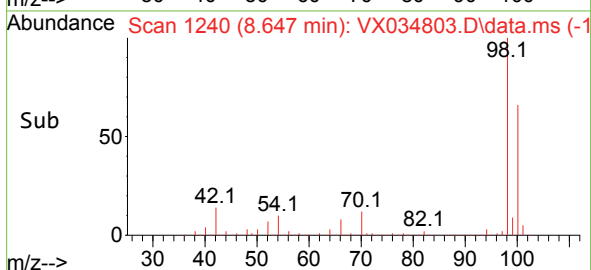
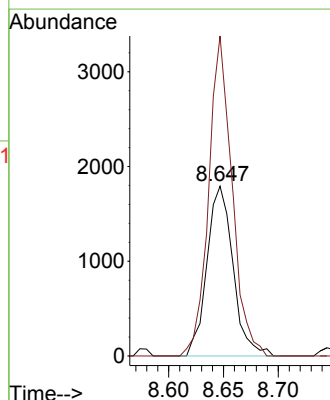
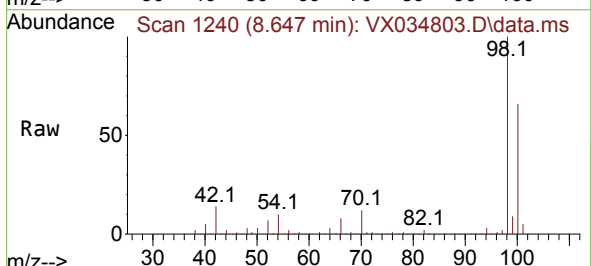
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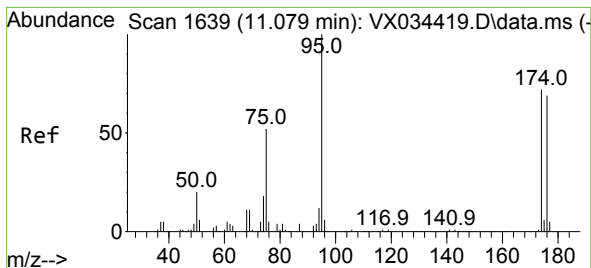
Tgt Ion: 43 Resp: 2968

Ion Ratio Lower Upper

43 100

58 169.3 30.6 46.0#

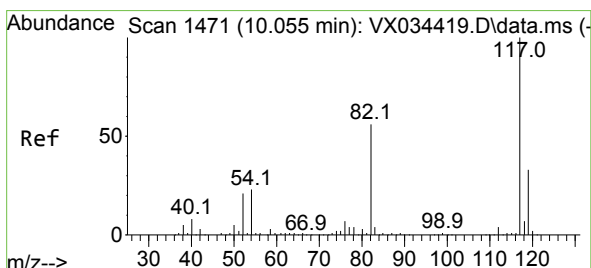
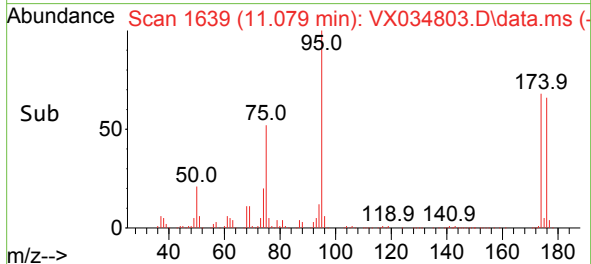
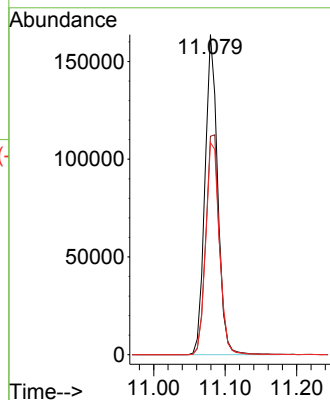
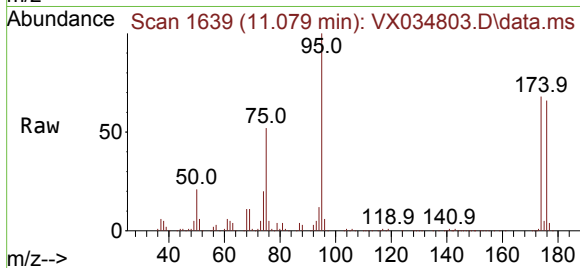




#62
4-Bromofluorobenzene
Concen: 42.535 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034803.D
Acq: 28 Mar 2023 19:09

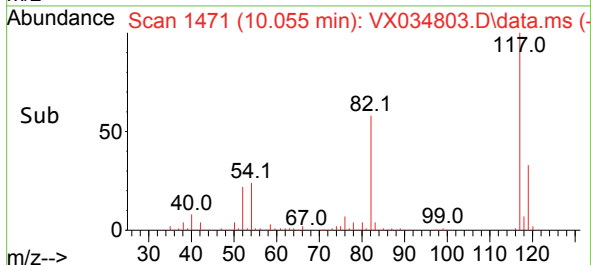
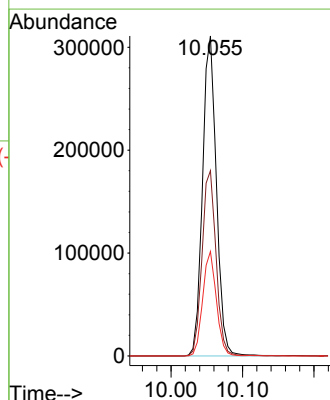
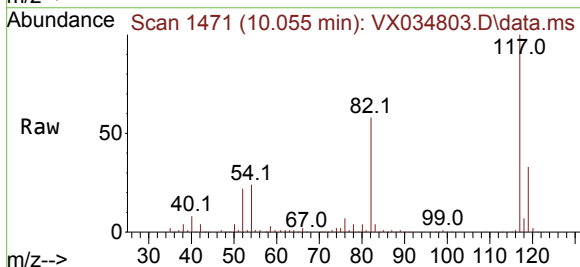
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

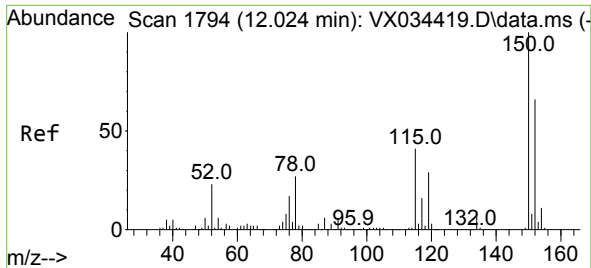
Tgt Ion: 95 Resp: 202806
Ion Ratio Lower Upper
95 100
174 73.3 0.0 147.4
176 71.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034803.D
Acq: 28 Mar 2023 19:09

Tgt Ion: 117 Resp: 418802
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 32.7 26.0 39.0

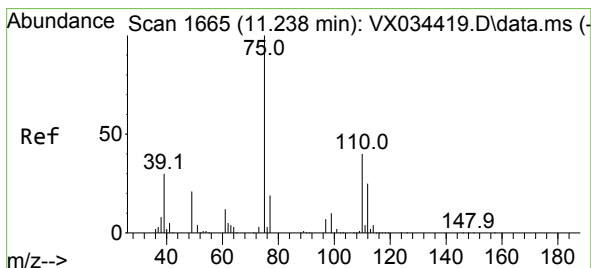
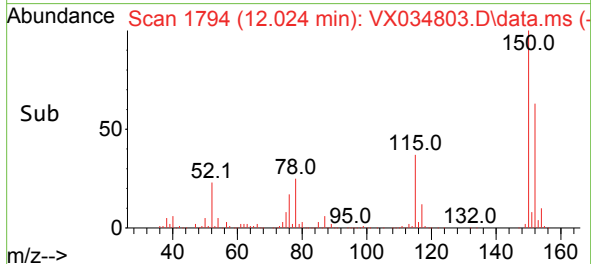
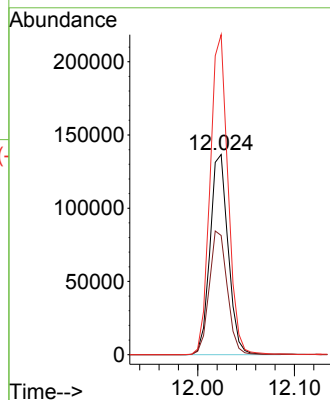
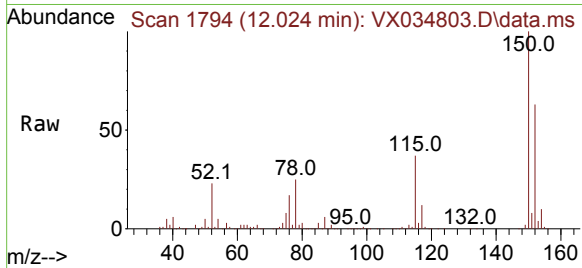




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034803.D
 Acq: 28 Mar 2023 19:09

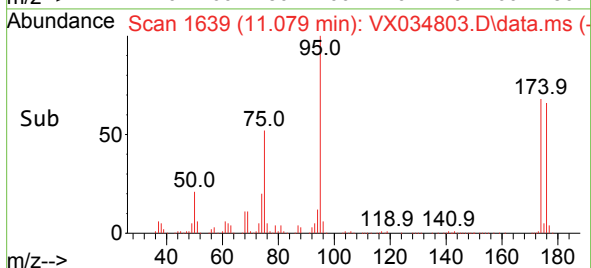
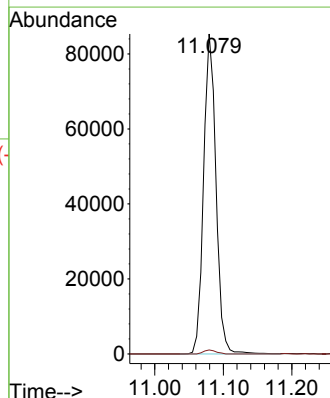
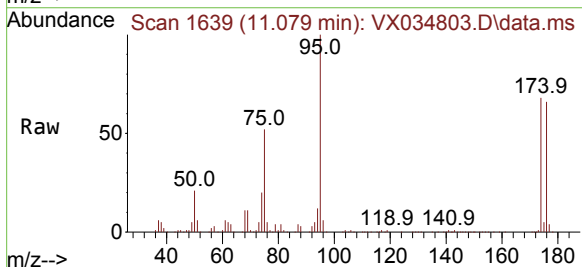
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

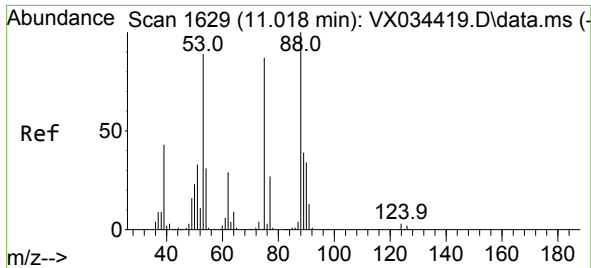
Tgt Ion:152 Resp: 178402
 Ion Ratio Lower Upper
 152 100
 115 61.7 45.0 135.0
 150 157.9 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 26.276 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034803.D
 Acq: 28 Mar 2023 19:09

Tgt Ion: 75 Resp: 107635
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.085 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034803.D
 Acq: 28 Mar 2023 19:09

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

Tgt Ion: 75 Resp: 107635
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

