

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
 Data File : VX039916.D
 Acq On : 23 Jan 2024 17:49
 Operator : JC/MD
 Sample : P1197-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jan 24 02:35:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

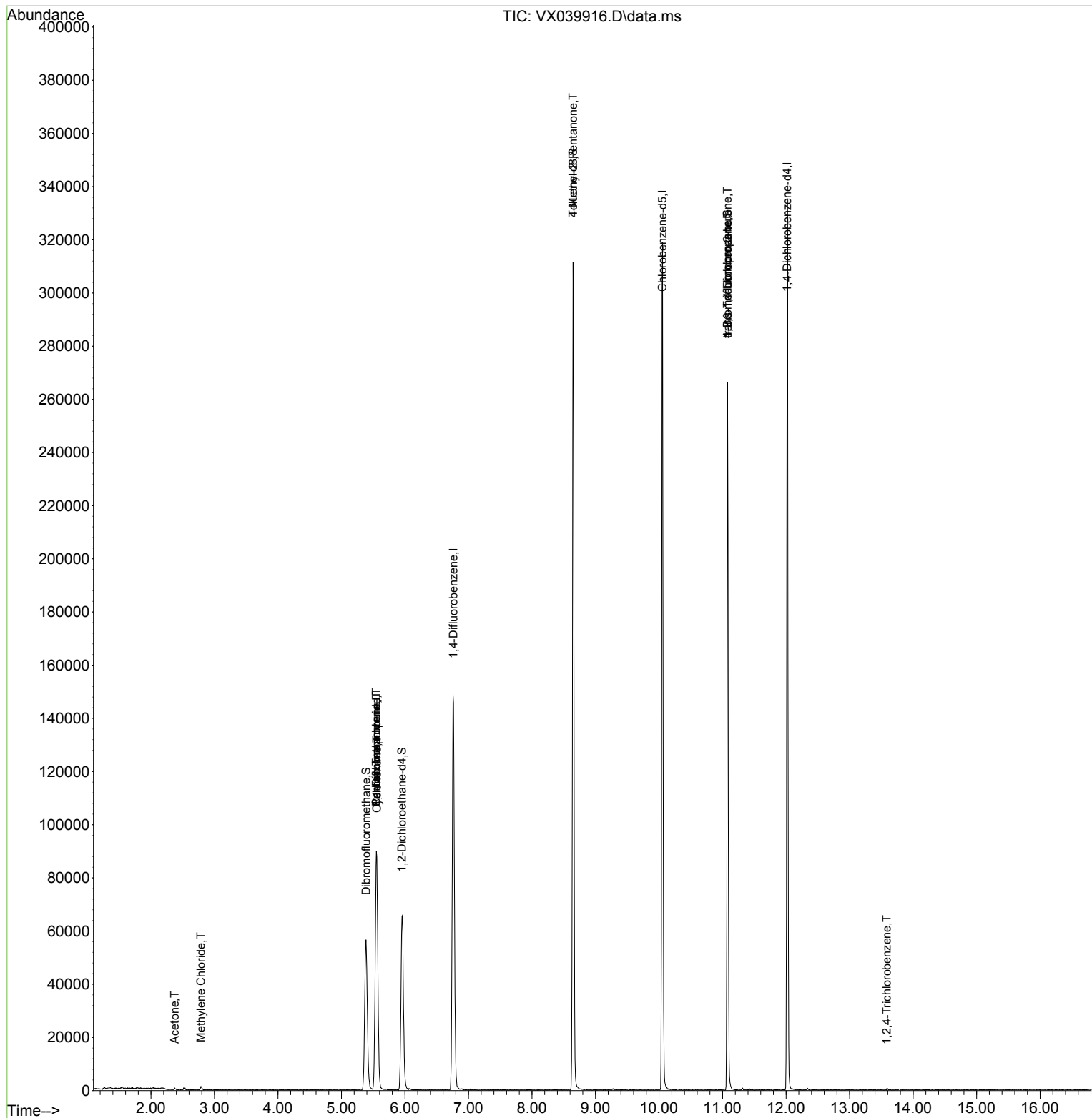
Internal Standards						
1) Pentafluorobenzene	5.550	168	80098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	143845	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63120	47.043	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.080%		
35) Dibromofluoromethane	5.385	113	49092	50.670	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.340%		
50) Toluene-d8	8.647	98	178780	48.926	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.860%		
62) 4-Bromofluorobenzene	11.079	95	66550	46.573	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.140%		
Target Compounds						Qvalue
16) Acetone	2.373	43	647	0.857	ug/l	97
20) Methylene Chloride	2.788	84	427	0.374	ug/l	87
31) Cyclohexane	5.556	56	2278	1.286	ug/l #	37
36) 1,1-Dichloropropene	5.550	75	7561	5.014	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9178	6.645	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	916	0.451	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37754	22.910	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	37754	66.187	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	327	0.251	ug/l	62

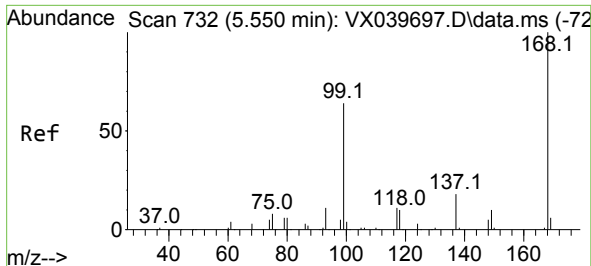
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

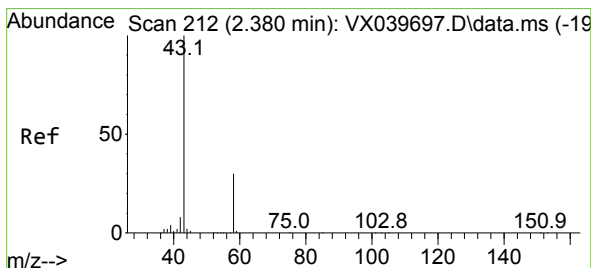
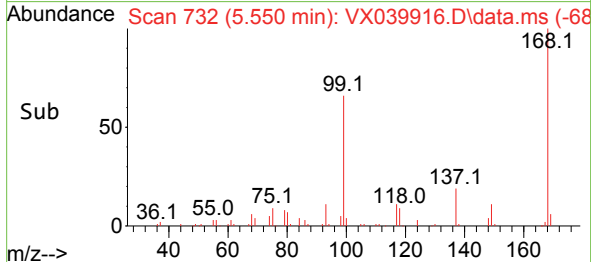
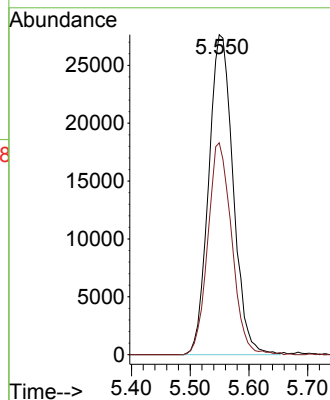
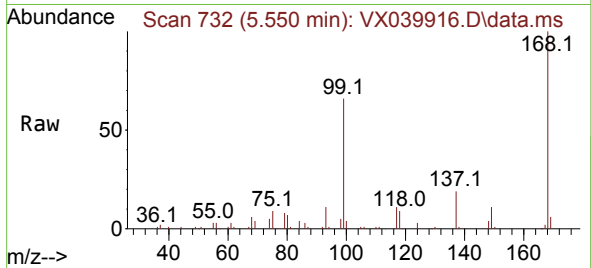




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039916.D
Acq: 23 Jan 2024 17:49

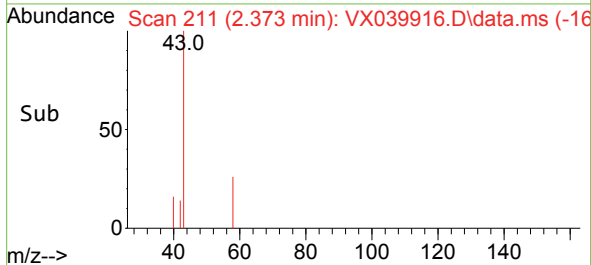
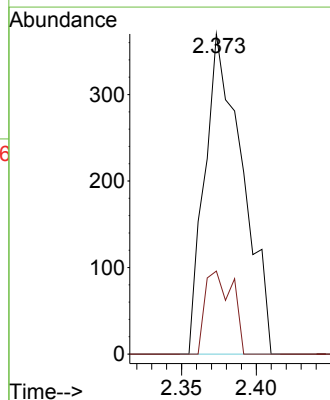
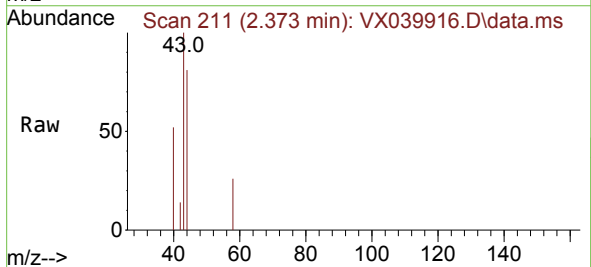
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

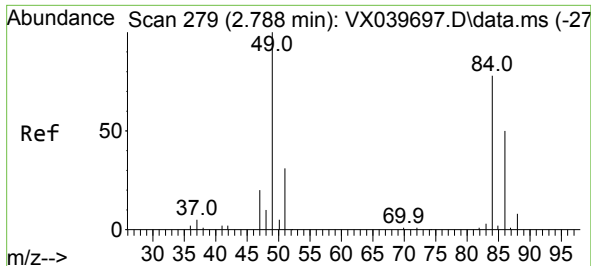
Tgt Ion:168 Resp: 80098
Ion Ratio Lower Upper
168 100
99 66.2 56.6 85.0



#16
Acetone
Concen: 0.857 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039916.D
Acq: 23 Jan 2024 17:49

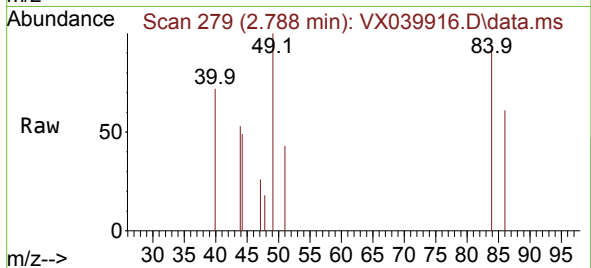
Tgt Ion: 43 Resp: 647
Ion Ratio Lower Upper
43 100
58 25.9 21.9 32.9





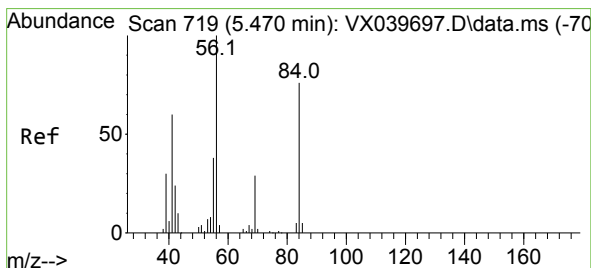
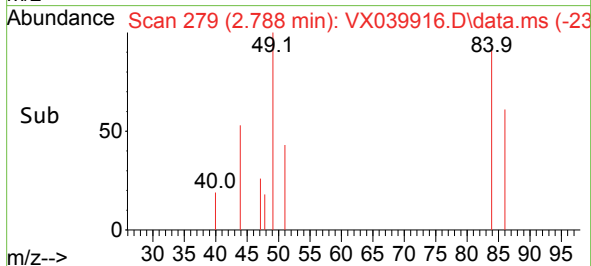
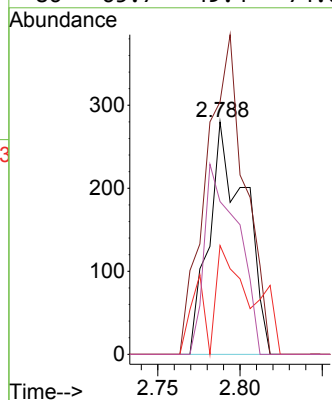
#20
Methylene Chloride
Concen: 0.374 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX039916.D
Acq: 23 Jan 2024 17:49

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



Tgt Ion: 84 Resp: 427

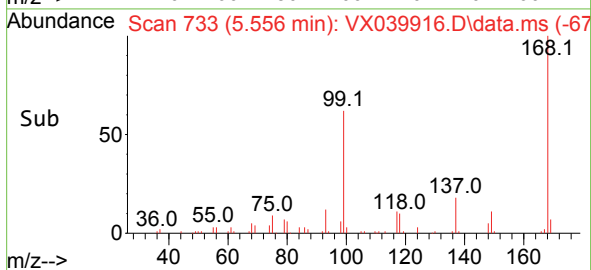
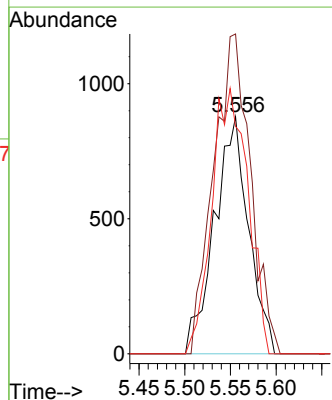
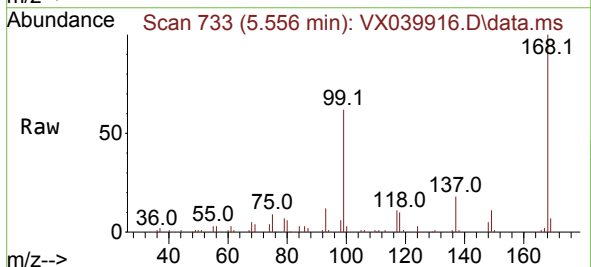
Ion	Ratio	Lower	Upper
84	100		
49	108.6	103.6	155.4
51	46.8	33.8	50.6
86	65.7	49.4	74.0

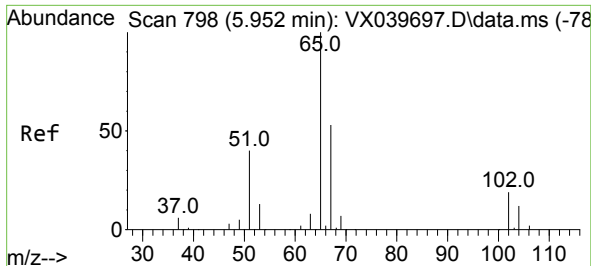


#31
Cyclohexane
Concen: 1.286 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX039916.D
Acq: 23 Jan 2024 17:49

Tgt Ion: 56 Resp: 2278

Ion	Ratio	Lower	Upper
56	100		
69	135.0	23.4	35.2#
84	96.0	65.9	98.9





#33

1,2-Dichloroethane-d4

Concen: 47.043 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039916.D

Acq: 23 Jan 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

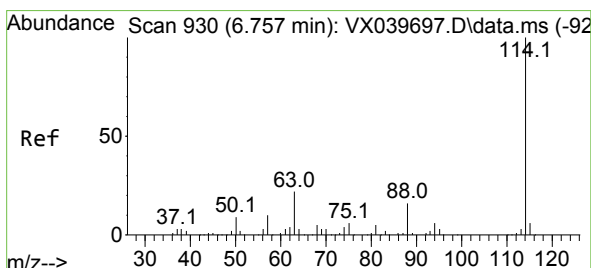
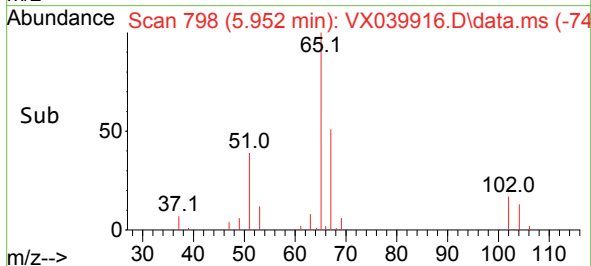
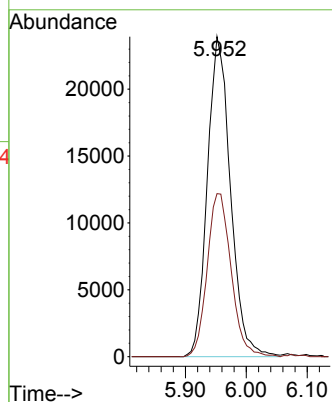
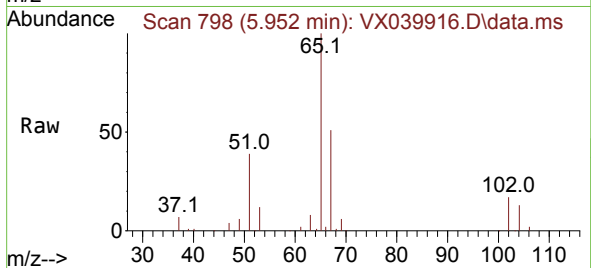
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 63120

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039916.D

Acq: 23 Jan 2024 17:49

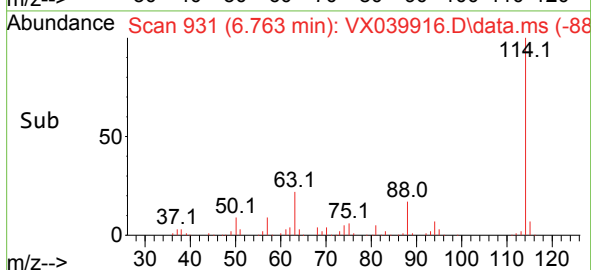
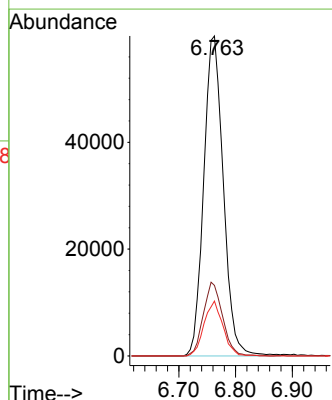
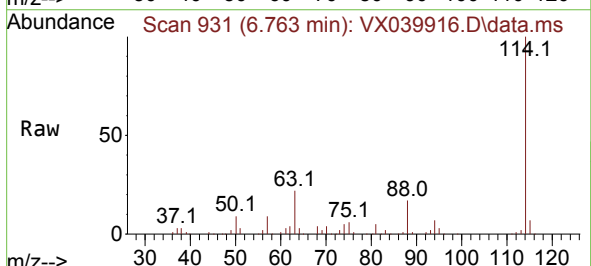
Tgt Ion: 114 Resp: 143845

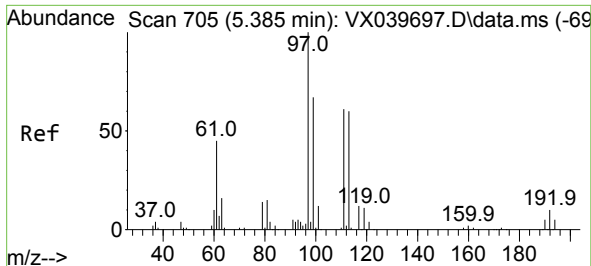
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.0

88 17.2 0.0 36.6

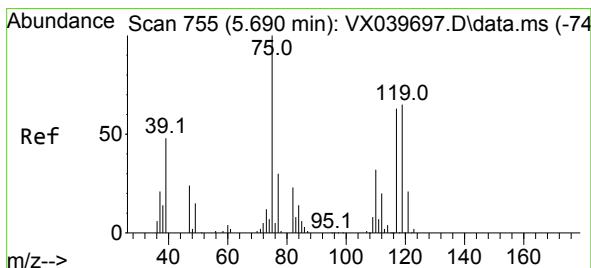
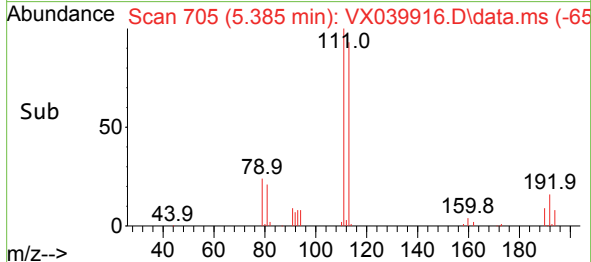
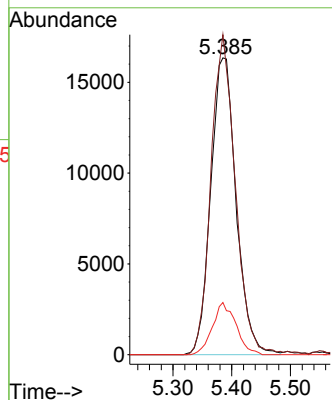
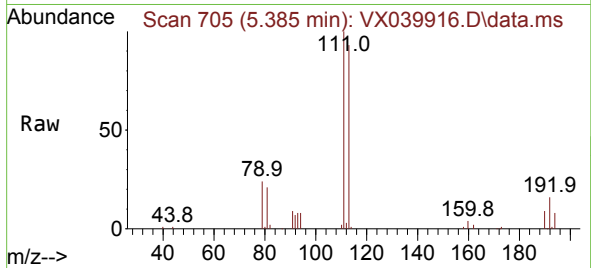




#35
Dibromofluoromethane
Concen: 50.670 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039916.D
Acq: 23 Jan 2024 17:49

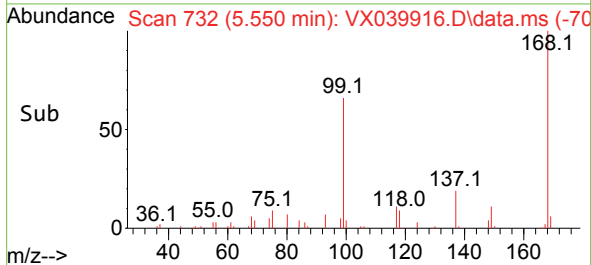
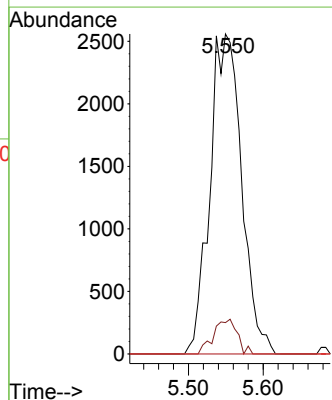
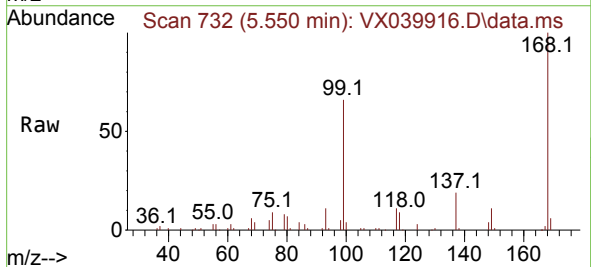
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

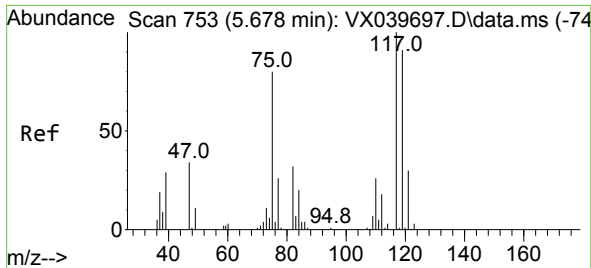
Tgt Ion:113 Resp: 49092
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 16.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.014 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039916.D
Acq: 23 Jan 2024 17:49

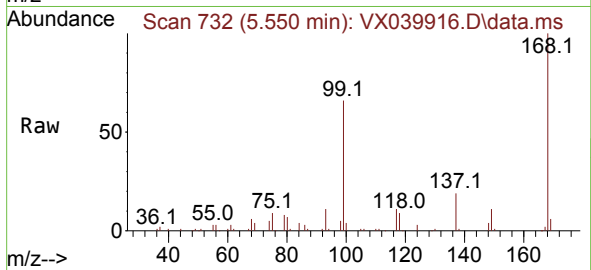
Tgt Ion: 75 Resp: 7561
Ion Ratio Lower Upper
75 100
110 8.1 17.0 50.9#
77 0.0 24.7 37.1#



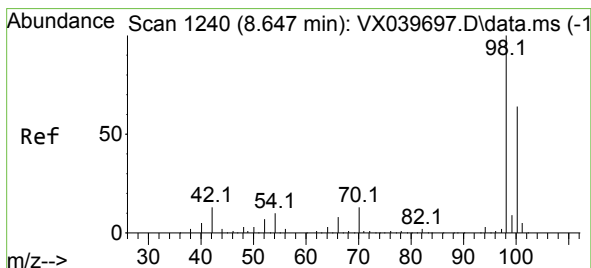
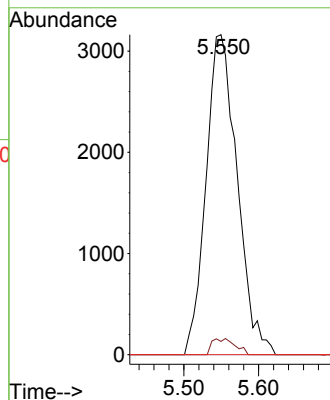
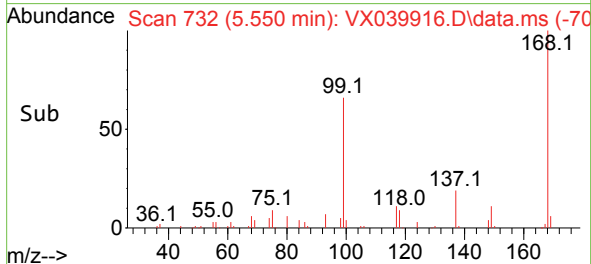


#38
Carbon Tetrachloride
Concen: 6.645 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039916.D
Acq: 23 Jan 2024 17:49

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

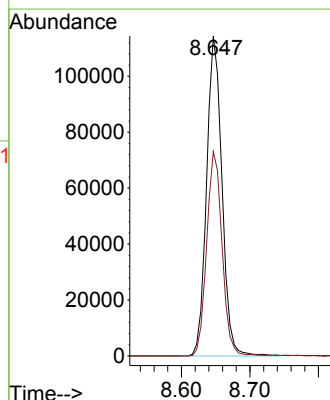
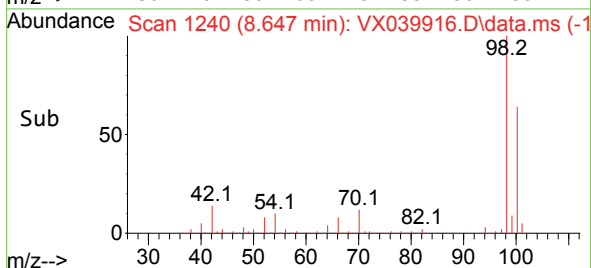
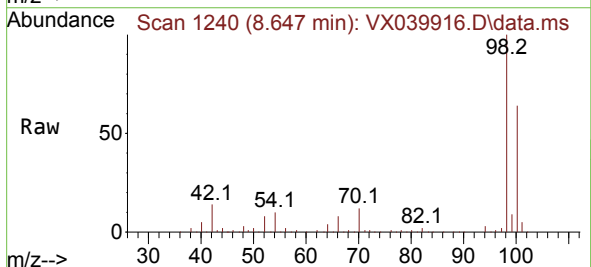


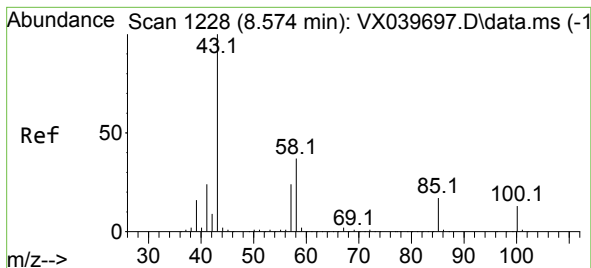
Tgt Ion:117 Resp: 9178
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.926 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039916.D
Acq: 23 Jan 2024 17:49

Tgt Ion: 98 Resp: 178780
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.451 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX039916.D

Acq: 23 Jan 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

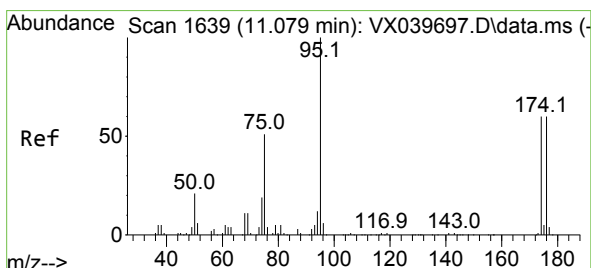
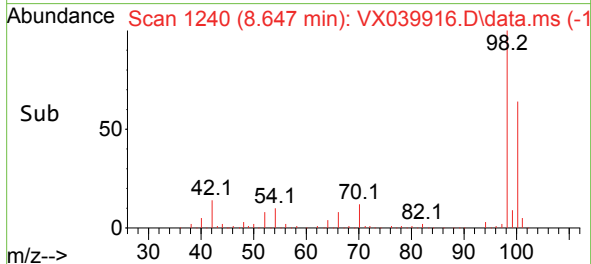
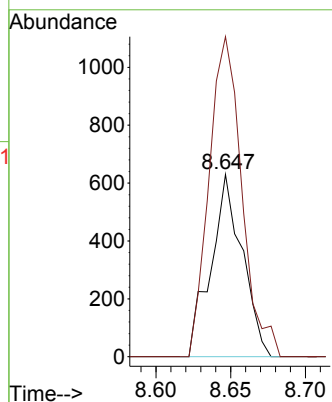
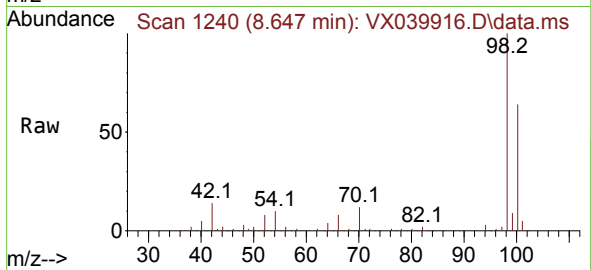
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 43 Resp: 916

Ion Ratio Lower Upper

43 100

58 184.2 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 46.573 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX039916.D

Acq: 23 Jan 2024 17:49

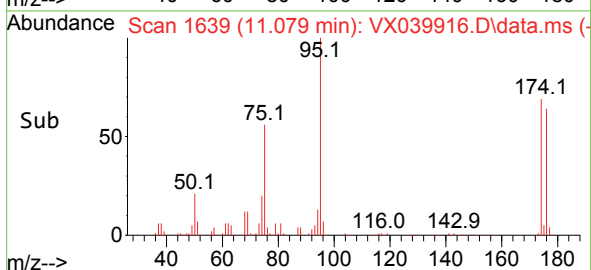
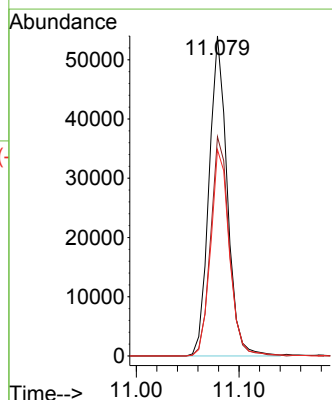
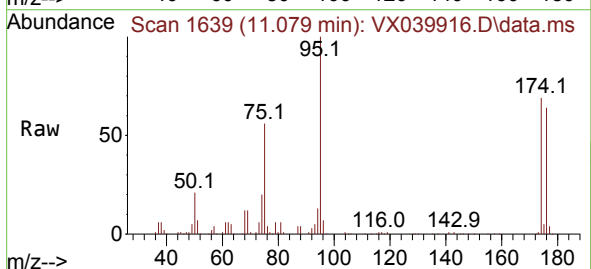
Tgt Ion: 95 Resp: 66550

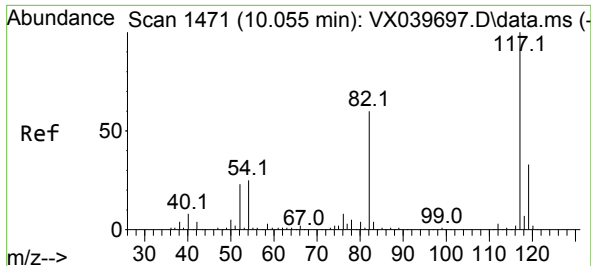
Ion Ratio Lower Upper

95 100

174 70.0 0.0 135.6

176 66.8 0.0 131.0

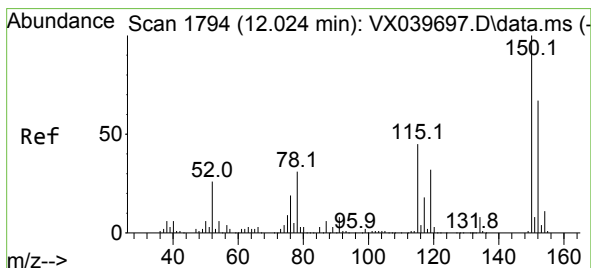
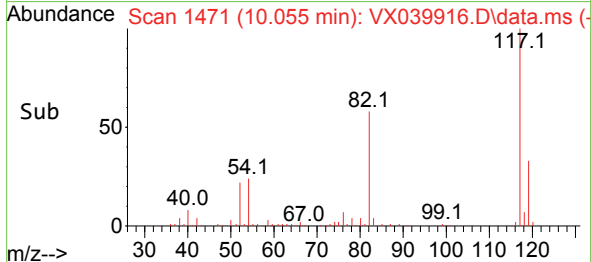
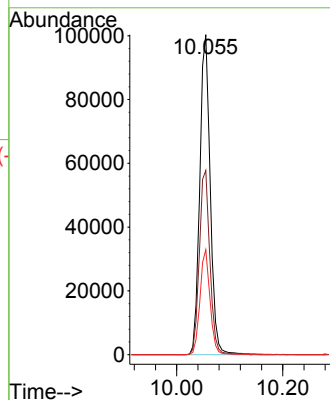
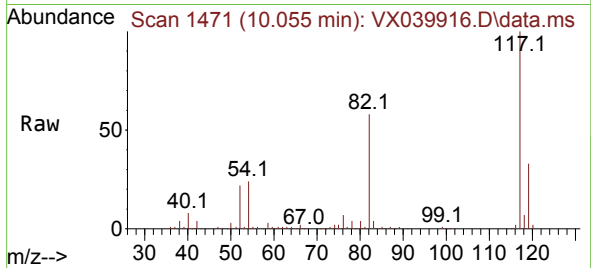




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039916.D
Acq: 23 Jan 2024 17:49

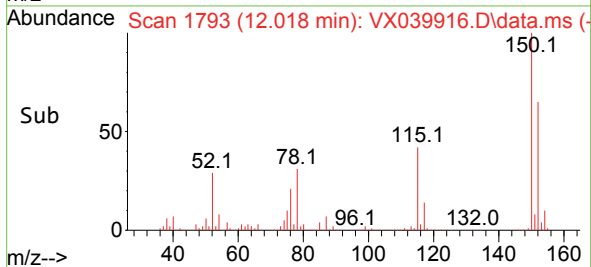
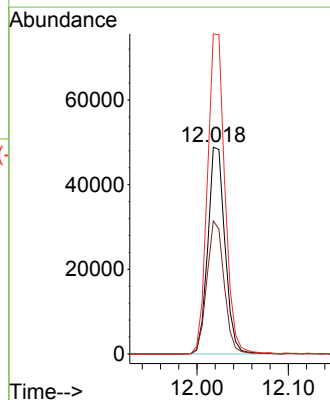
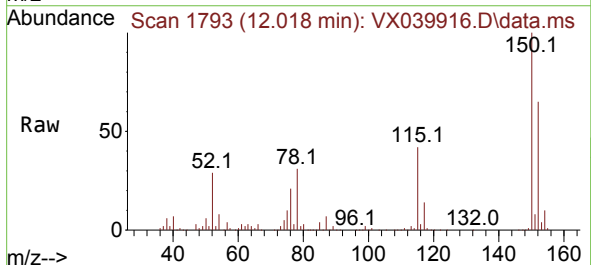
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

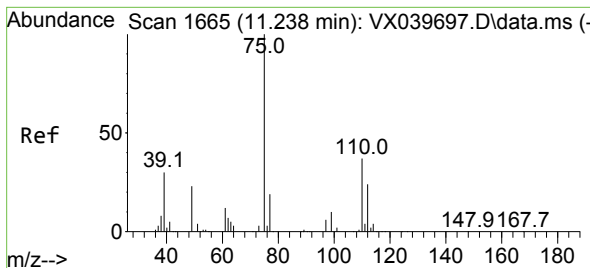
Tgt Ion:117 Resp: 137814
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.4
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039916.D
Acq: 23 Jan 2024 17:49

Tgt Ion:152 Resp: 63562
Ion Ratio Lower Upper
152 100
115 64.8 43.3 129.9
150 157.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.910 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX039916.D

Acq: 23 Jan 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

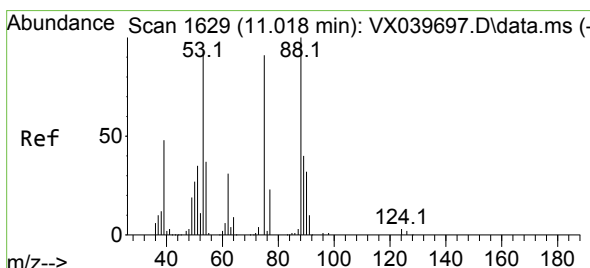
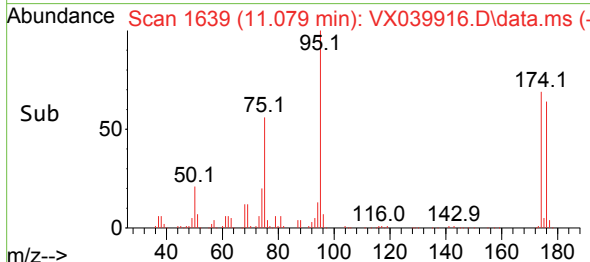
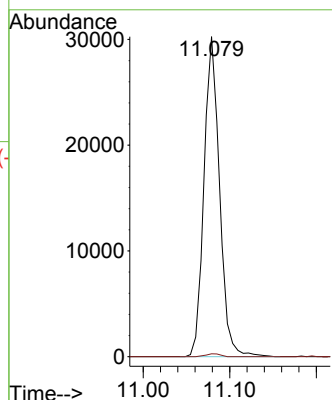
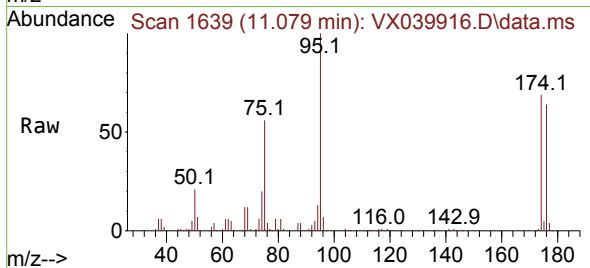
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 37754

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.187 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039916.D

Acq: 23 Jan 2024 17:49

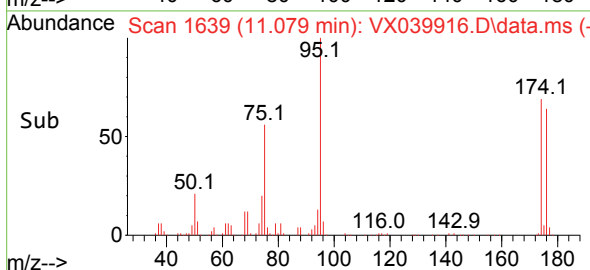
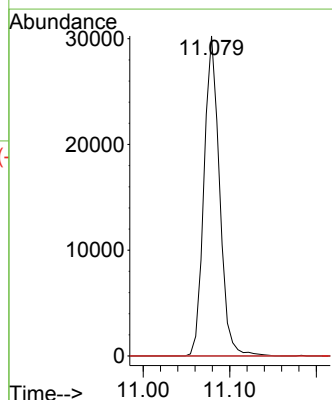
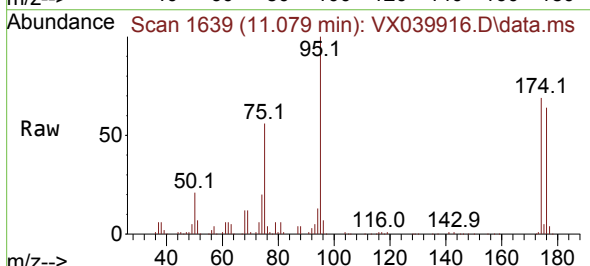
Tgt Ion: 75 Resp: 37754

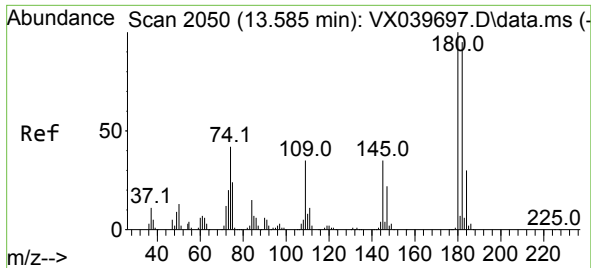
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

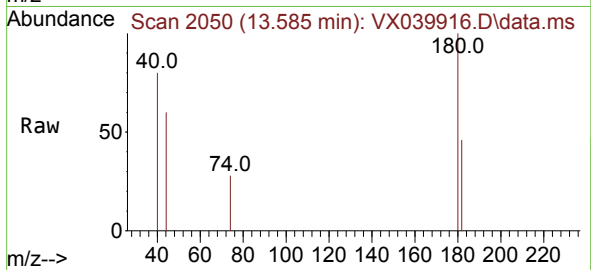
89 0.0 36.9 55.3#





#93
 1,2,4-Trichlorobenzene
 Concen: 0.251 ug/l
 RT: 13.585 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VX039916.D
 Acq: 23 Jan 2024 17:49

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



Tgt Ion:	180	Resp:	327
Ion	Ratio	Lower	Upper
180	100		
182	53.2	48.3	144.8
145	22.3	18.0	54.0

