

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039549.D
 Acq On : 29 Dec 2023 16:39
 Operator : JC/MD
 Sample : 06046-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Dec 30 02:03:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

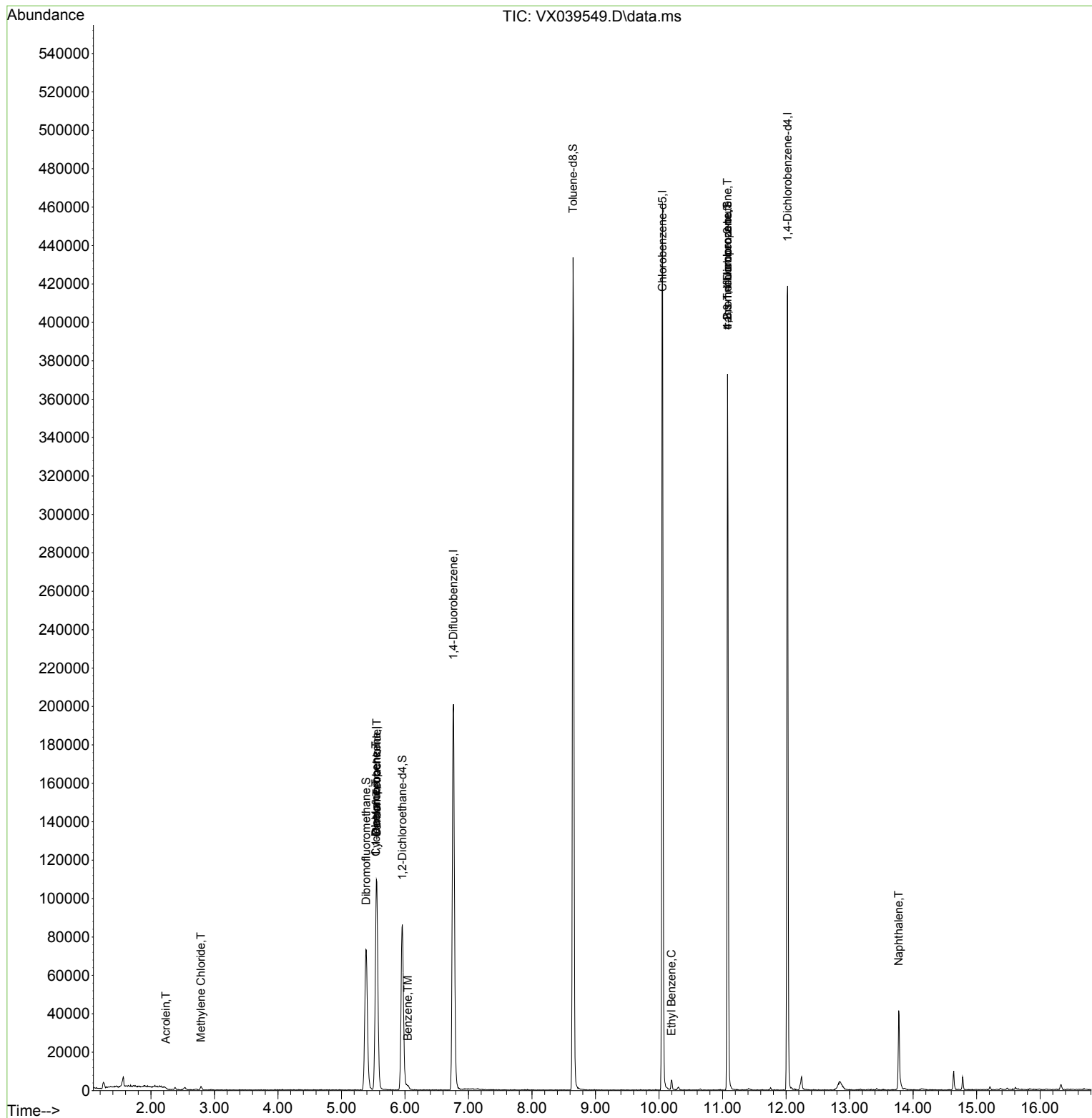
Internal Standards						
1) Pentafluorobenzene	5.550	168	94975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197318	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84561	48.602	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.200%
35) Dibromofluoromethane	5.385	113	64470	47.294	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.580%
50) Toluene-d8	8.647	98	250459	49.490	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.980%
62) 4-Bromofluorobenzene	11.079	95	100126	47.952	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.900%
Target Compounds						
					Qvalue	
13) Acrolein	2.233	56	85	0.244	ug/l #	1
16) Acetone	2.380	43	1170	Below Cal	#	81
20) Methylene Chloride	2.788	84	743	0.512	ug/l #	71
31) Cyclohexane	5.544	56	2591	1.153	ug/l #	7
36) 1,1-Dichloropropene	5.544	75	9264	4.307	ug/l #	51
38) Carbon Tetrachloride	5.556	117	10909	5.314	ug/l #	14
40) Benzene	6.043	78	2394	0.393	ug/l	91
67) Ethyl Benzene	10.195	91	3597	0.451	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	55468	26.117	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	55468	73.675	ug/l #	5
95) Naphthalene	13.774	128	29470	4.909	ug/l	99

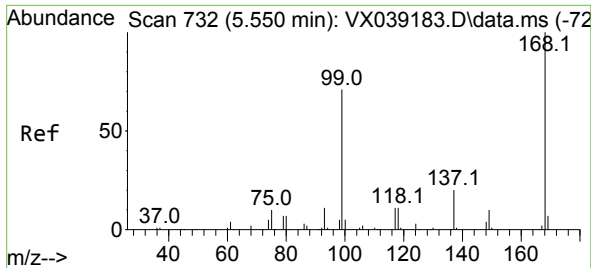
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
Data File : VX039549.D
Acq On : 29 Dec 2023 16:39
Operator : JC/MD
Sample : 06046-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Dec 30 02:03:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration

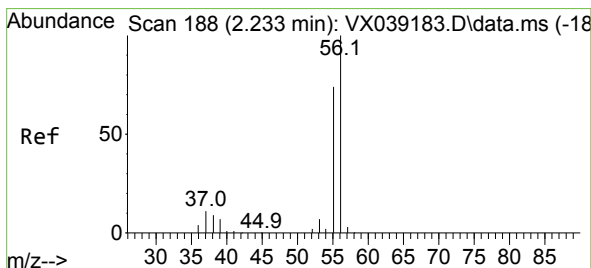
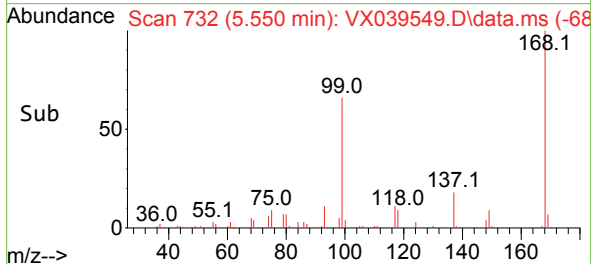
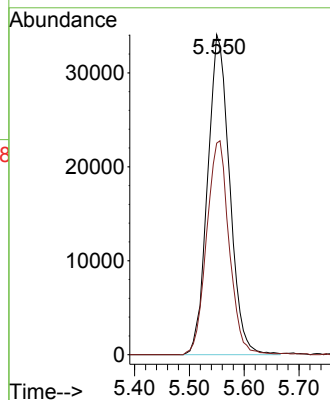
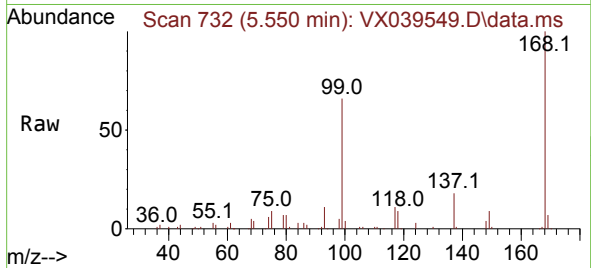




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039549.D
Acq: 29 Dec 2023 16:39

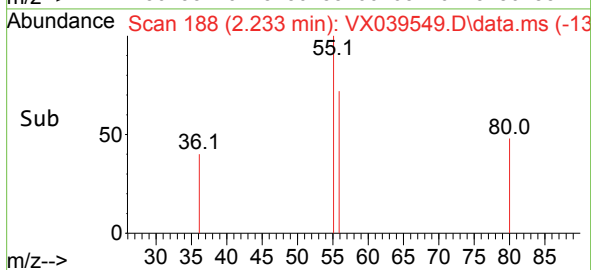
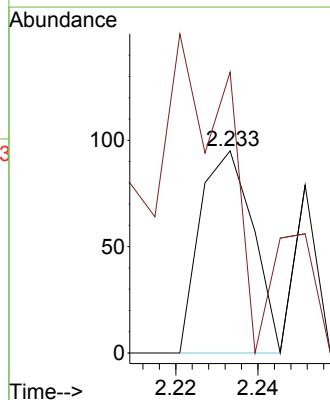
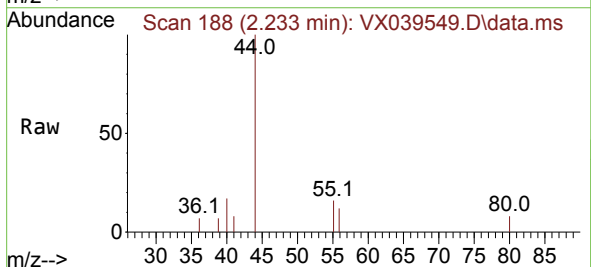
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

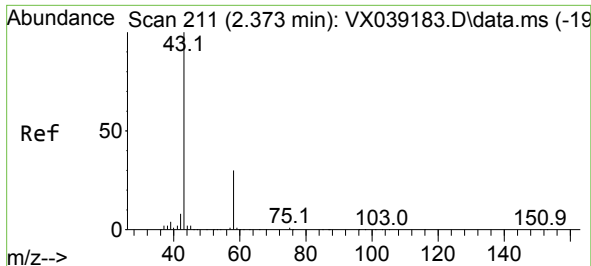
Tgt Ion:168 Resp: 94975
Ion Ratio Lower Upper
168 100
99 66.1 56.6 85.0



#13
Acrolein
Concen: 0.244 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039549.D
Acq: 29 Dec 2023 16:39

Tgt Ion: 56 Resp: 85
Ion Ratio Lower Upper
56 100
55 270.6 57.1 85.7#

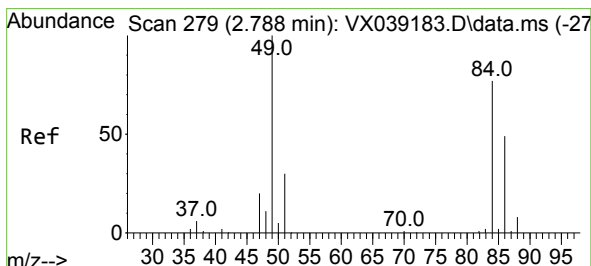
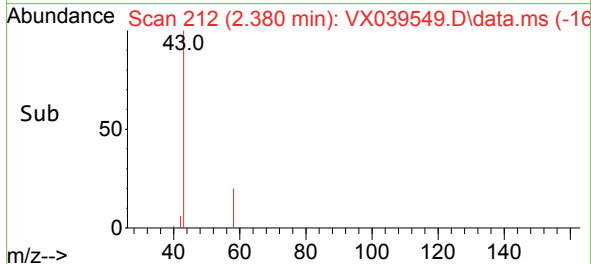
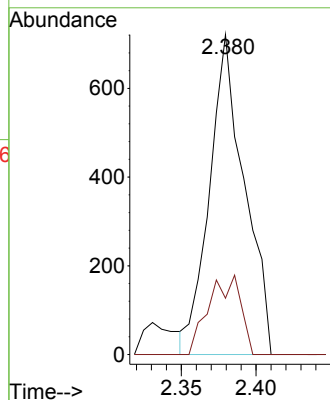
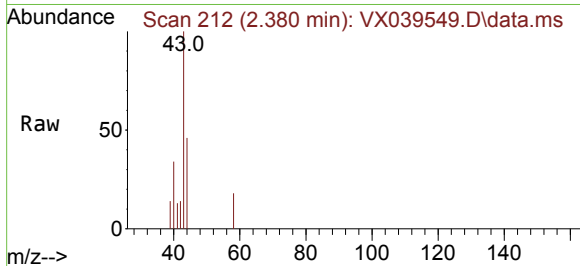




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX039549.D
Acq: 29 Dec 2023 16:39

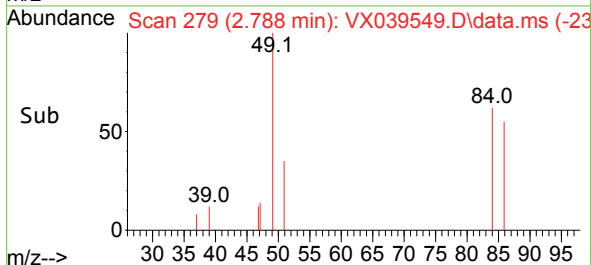
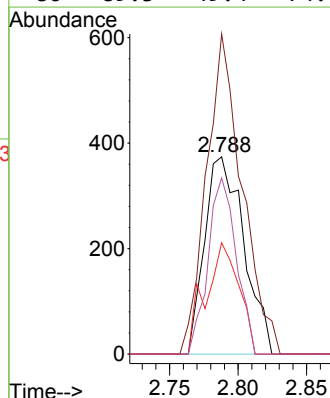
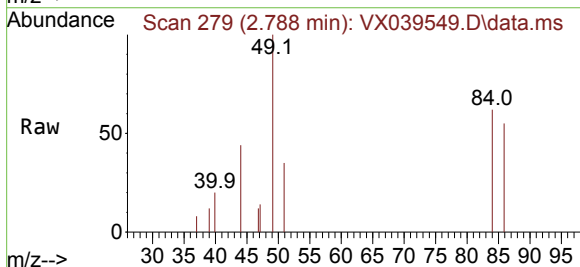
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

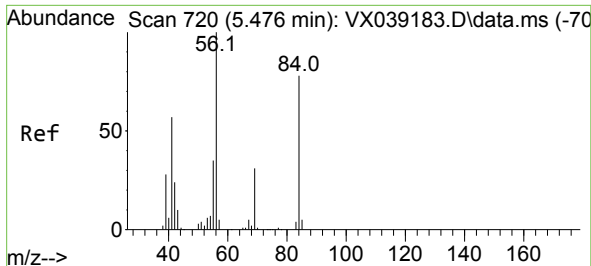
Tgt Ion: 43 Resp: 1170
Ion Ratio Lower Upper
43 100
58 17.6 21.9 32.9#



#20
Methylene Chloride
Concen: 0.512 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039549.D
Acq: 29 Dec 2023 16:39

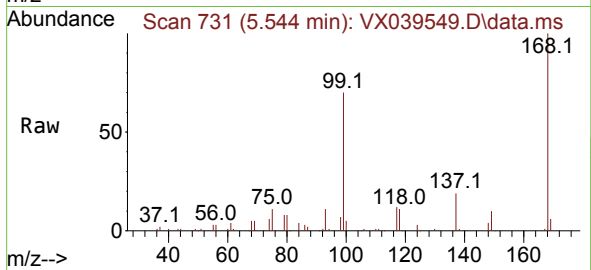
Tgt Ion: 84 Resp: 743
Ion Ratio Lower Upper
84 100
49 162.3 103.6 155.4#
51 56.4 33.8 50.6#
86 89.3 49.4 74.0#



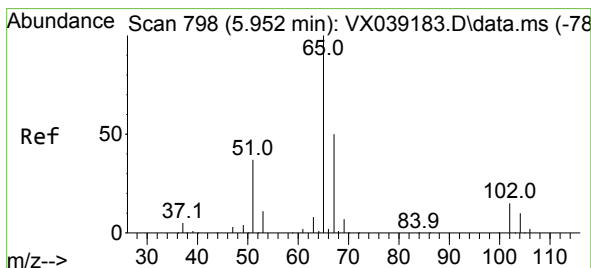
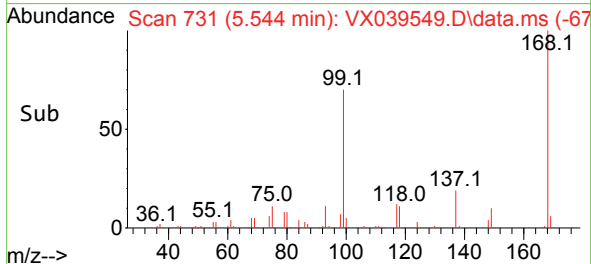
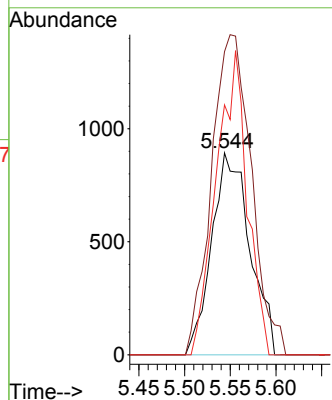


#31
Cyclohexane
Concen: 1.153 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX039549.D
Acq: 29 Dec 2023 16:39

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

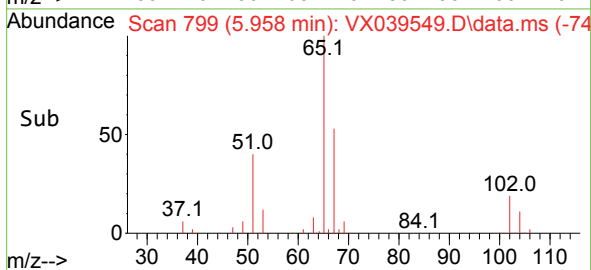
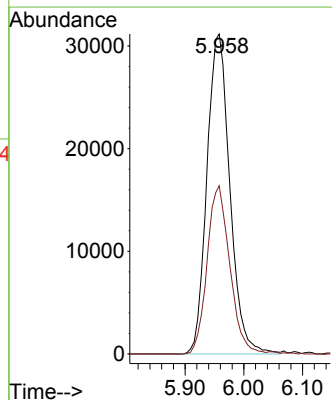
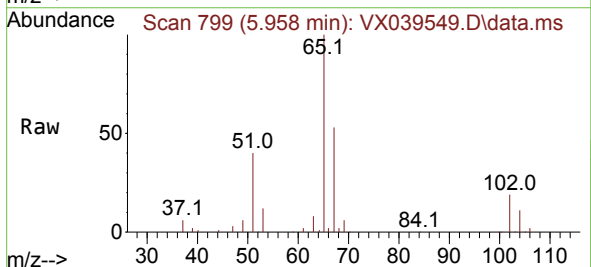


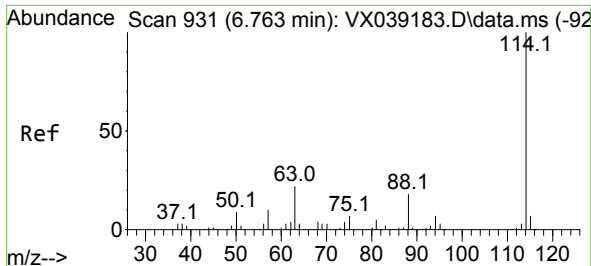
Tgt Ion: 56 Resp: 2591
Ion Ratio Lower Upper
56 100
69 150.2 23.4 35.2#
84 123.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.602 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039549.D
Acq: 29 Dec 2023 16:39

Tgt Ion: 65 Resp: 84561
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

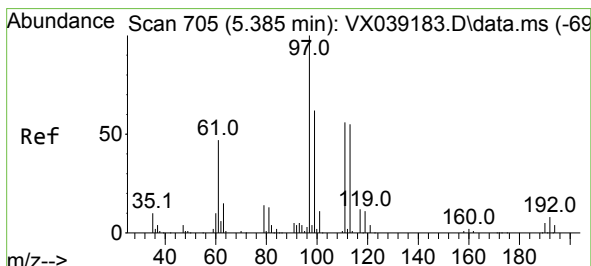
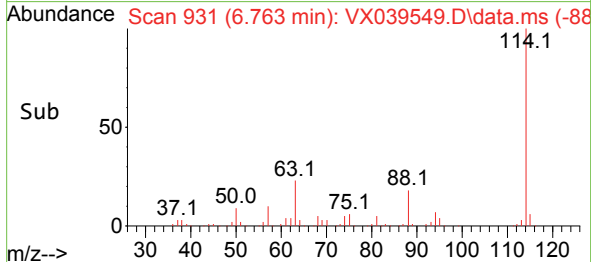
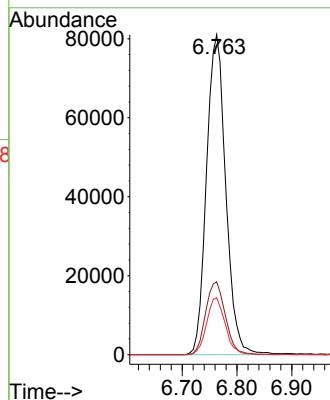
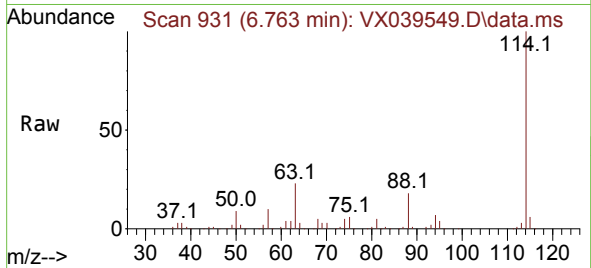




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039549.D
Acq: 29 Dec 2023 16:39

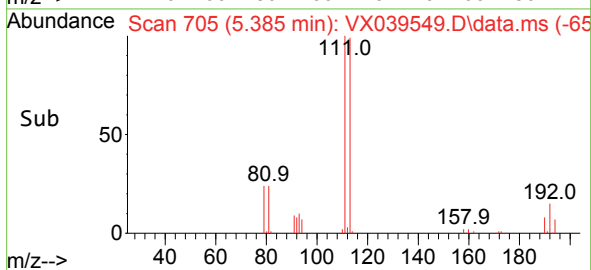
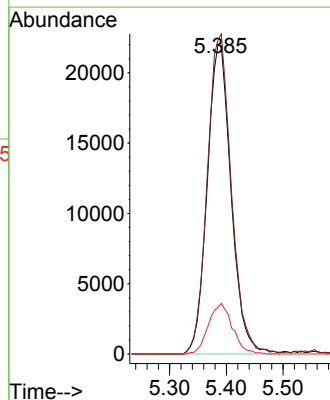
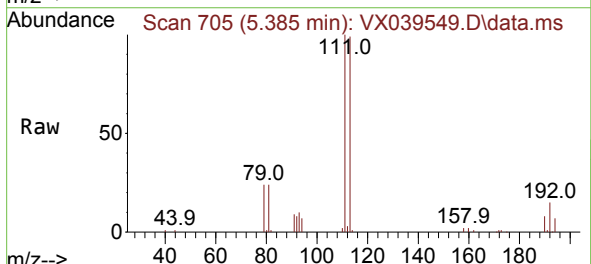
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

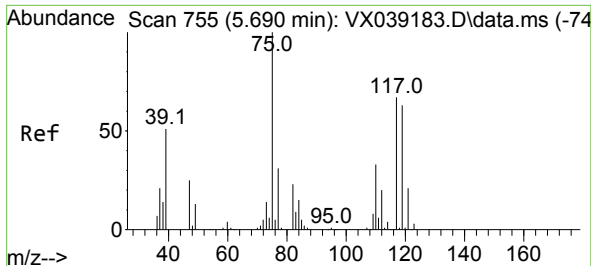
Tgt Ion:114 Resp: 197318
Ion Ratio Lower Upper
114 100
63 22.8 0.0 45.0
88 17.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.294 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039549.D
Acq: 29 Dec 2023 16:39

Tgt Ion:113 Resp: 64470
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 16.3 13.3 19.9

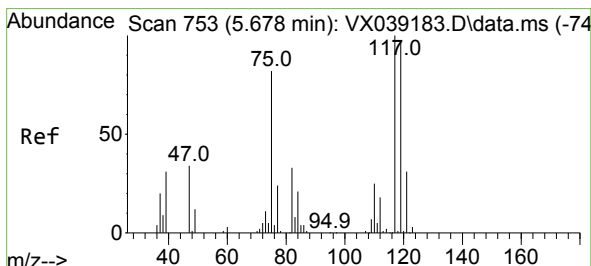
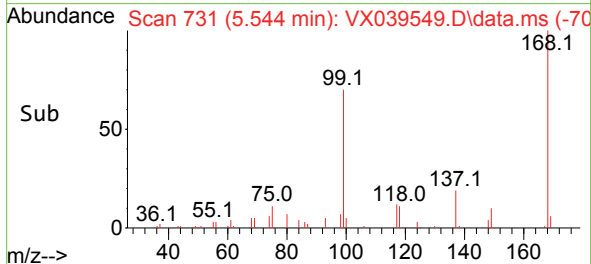
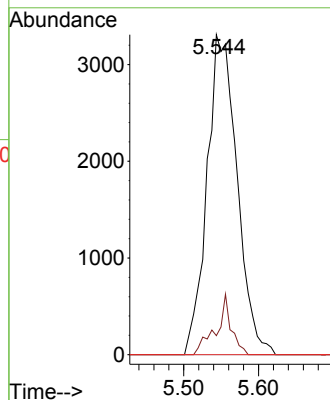
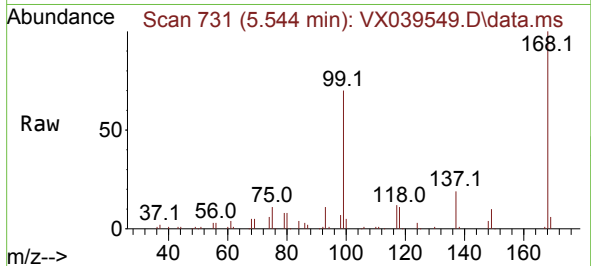




#36
1,1-Dichloropropene
Concen: 4.307 ug/l
RT: 5.544 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX039549.D
Acq: 29 Dec 2023 16:39

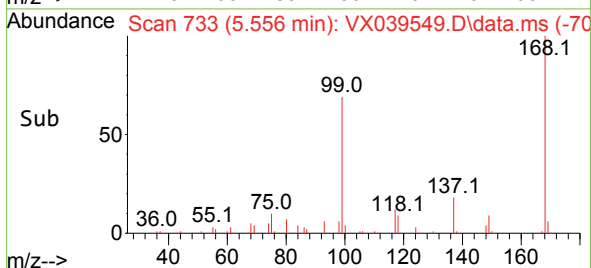
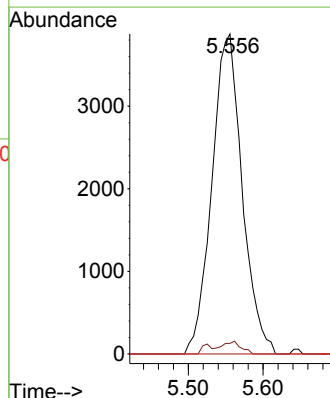
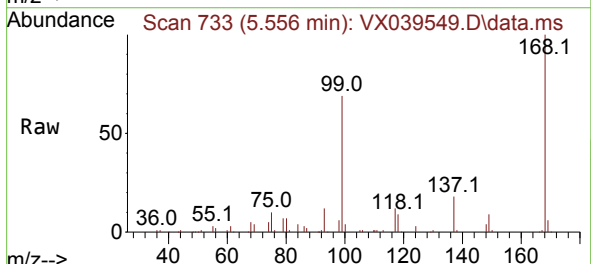
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

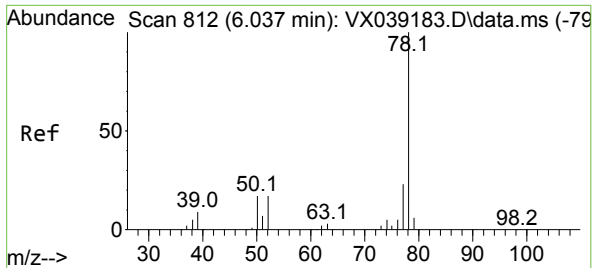
Tgt Ion: 75 Resp: 9264
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.314 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX039549.D
Acq: 29 Dec 2023 16:39

Tgt Ion: 117 Resp: 10909
Ion Ratio Lower Upper
117 100
119 3.3 78.2 117.2#
121 0.0 24.4 36.6#





#40

Benzene

Concen: 0.393 ug/l

RT: 6.043 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX039549.D

Acq: 29 Dec 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :

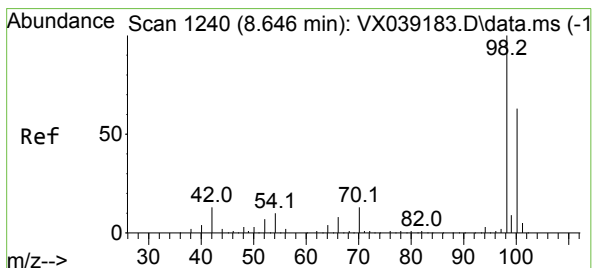
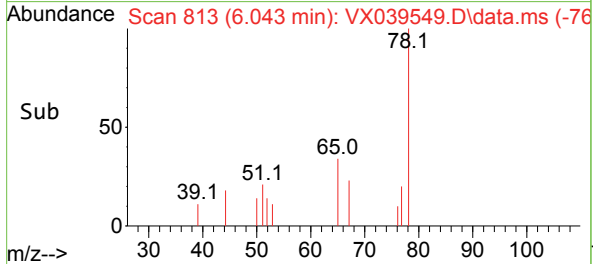
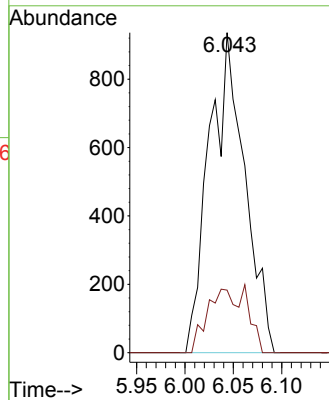
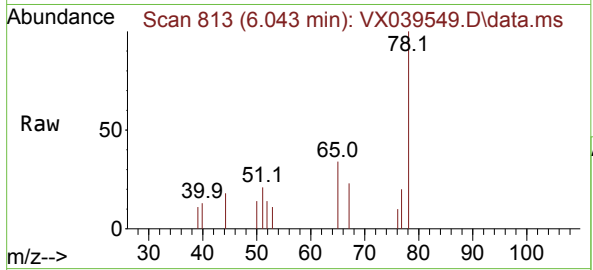
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 78 Resp: 2394

Ion Ratio Lower Upper

78 100

77 19.6 19.3 28.9



#50

Toluene-d8

Concen: 49.490 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039549.D

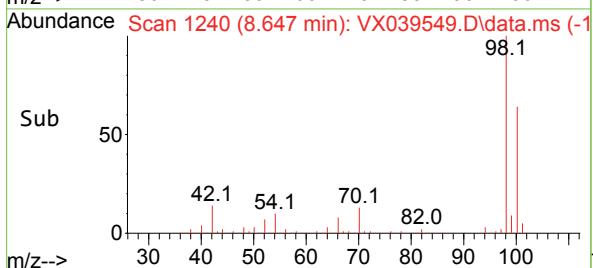
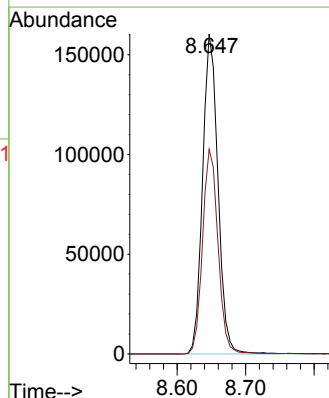
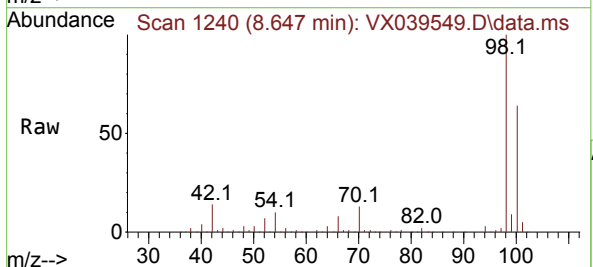
Acq: 29 Dec 2023 16:39

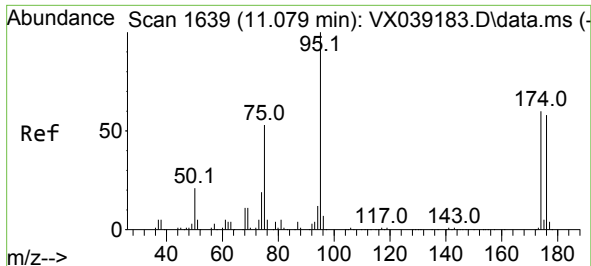
Tgt Ion: 98 Resp: 250459

Ion Ratio Lower Upper

98 100

100 64.5 53.1 79.7

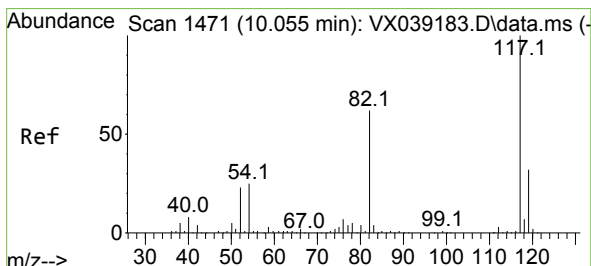
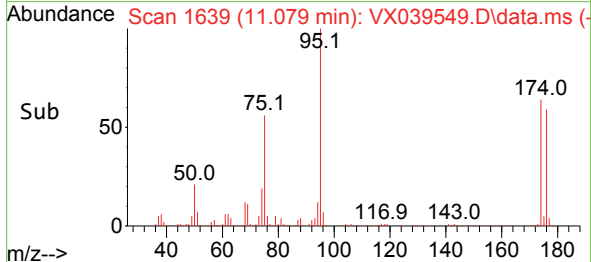
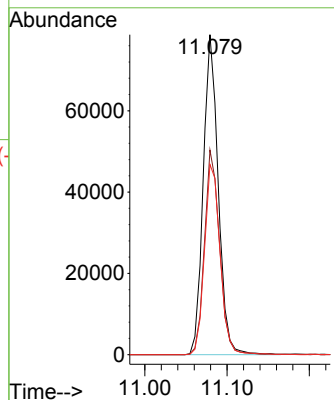
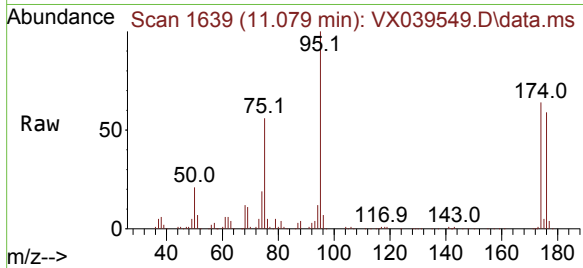




#62
4-Bromofluorobenzene
Concen: 47.952 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039549.D
Acq: 29 Dec 2023 16:39

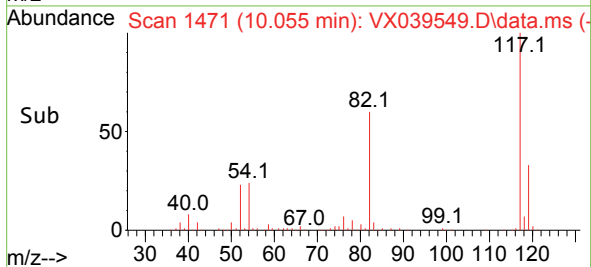
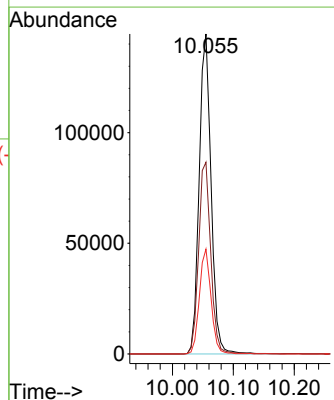
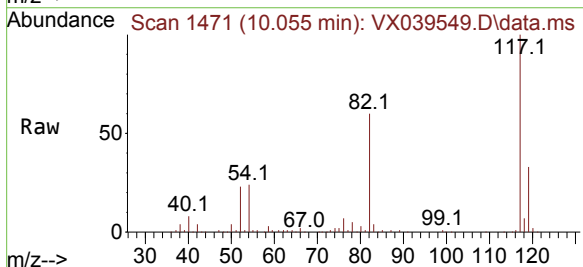
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

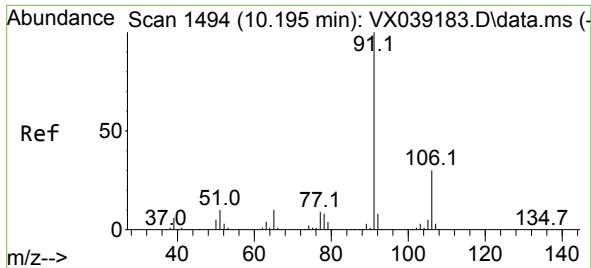
Tgt Ion: 95 Resp: 100126
Ion Ratio Lower Upper
95 100
174 64.6 0.0 135.6
176 62.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039549.D
Acq: 29 Dec 2023 16:39

Tgt Ion: 117 Resp: 196242
Ion Ratio Lower Upper
117 100
82 59.9 46.2 69.4
119 32.8 25.5 38.3

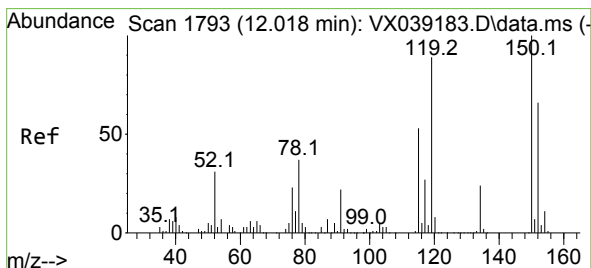
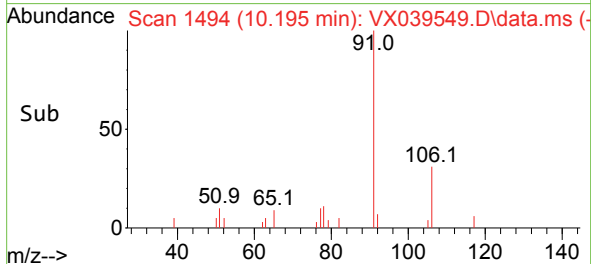
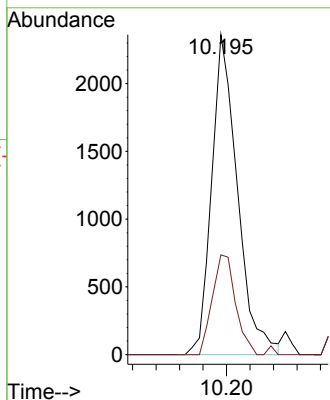
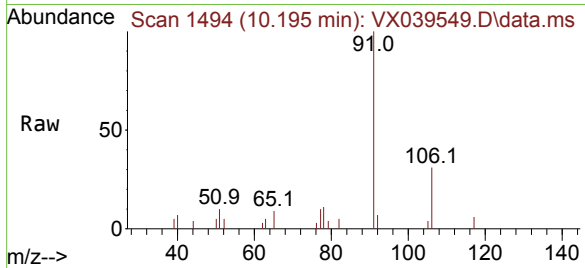




#67
Ethyl Benzene
Concen: 0.451 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039549.D
Acq: 29 Dec 2023 16:39

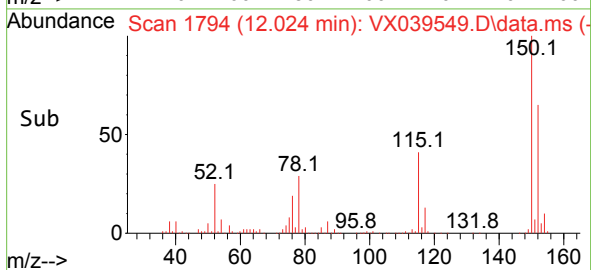
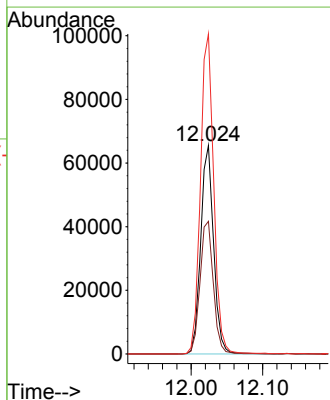
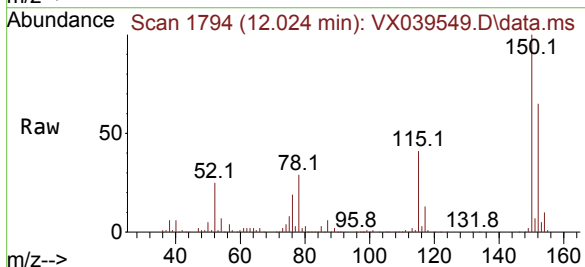
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

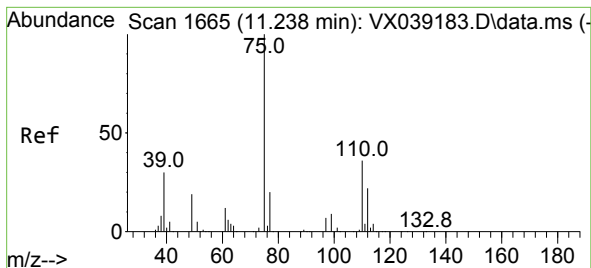
Tgt Ion: 91 Resp: 3597
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039549.D
Acq: 29 Dec 2023 16:39

Tgt Ion: 152 Resp: 82092
Ion Ratio Lower Upper
152 100
115 65.8 43.3 129.9
150 157.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.117 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039549.D

Acq: 29 Dec 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :

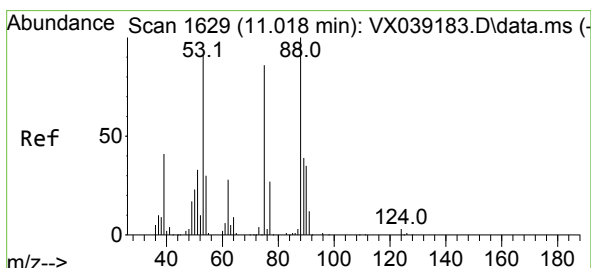
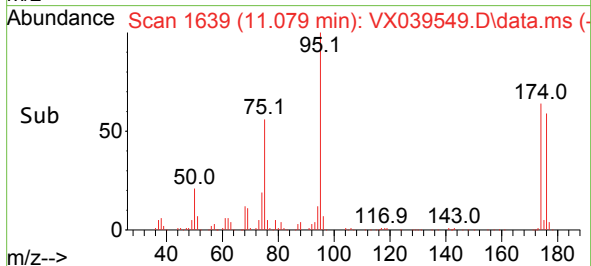
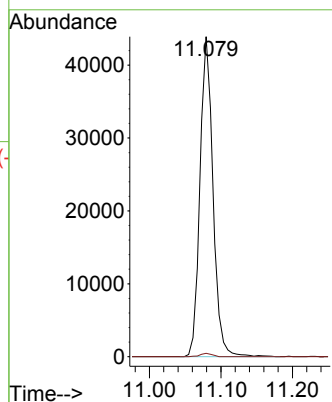
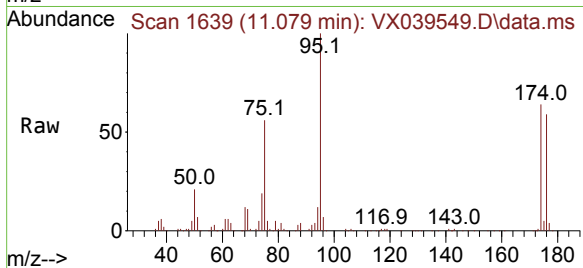
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 55468

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.675 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039549.D

Acq: 29 Dec 2023 16:39

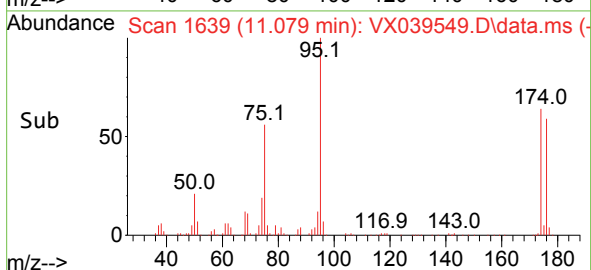
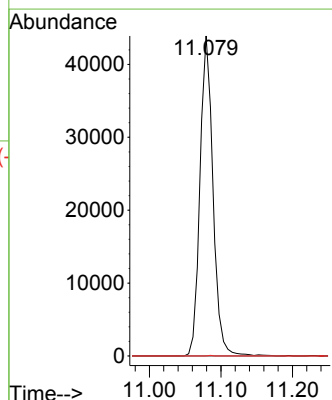
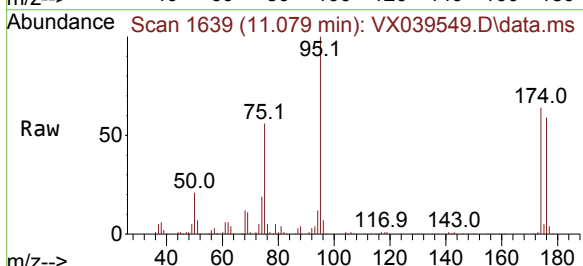
Tgt Ion: 75 Resp: 55468

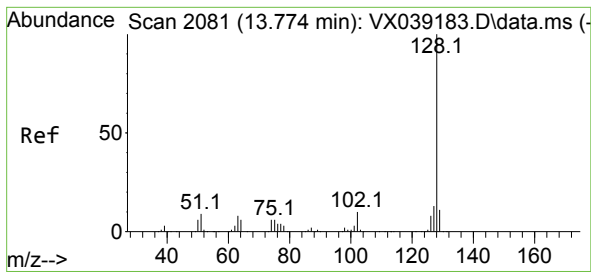
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#





#95

Naphthalene

Concen: 4.909 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039549.D

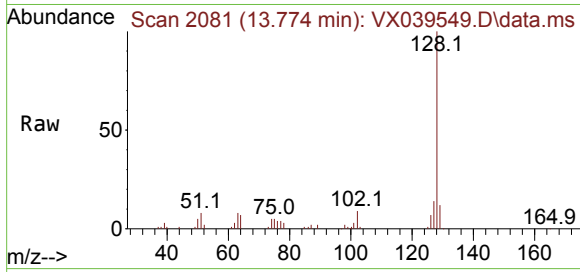
Acq: 29 Dec 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



Tgt Ion:128 Resp: 29470

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.5 8.8 13.2

