

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021723\
 Data File : VX034166.D
 Acq On : 17 Feb 2023 18:37
 Operator : JC/MD
 Sample : 01598-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Feb 20 00:36:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

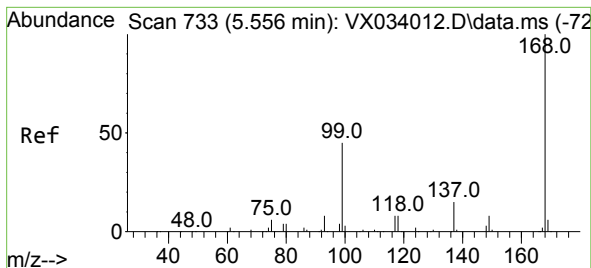
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	384892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	646356	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	556373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	236662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	226308	43.659	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.320%		
35) Dibromofluoromethane	5.385	113	202398	48.094	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.180%		
50) Toluene-d8	8.647	98	767735	50.811	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.620%		
62) 4-Bromofluorobenzene	11.079	95	258265	44.686	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.380%		
Target Compounds						
5) Bromomethane	1.605	94	147	Below Cal	Qvalue #	75
31) Cyclohexane	5.556	56	7743	1.001	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	28113	4.517	ug/l #	49
38) Carbon Tetrachloride	5.550	117	35954	5.614	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	126873	21.305	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	126873	54.731	ug/l #	8

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

Quant Time: Feb 20 00:36:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 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: VX034166.D

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Instrument :

MSVOA_X

ClientSampleId :

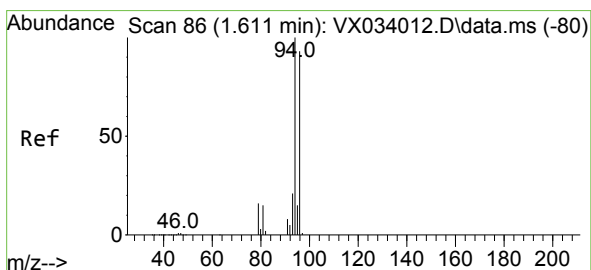
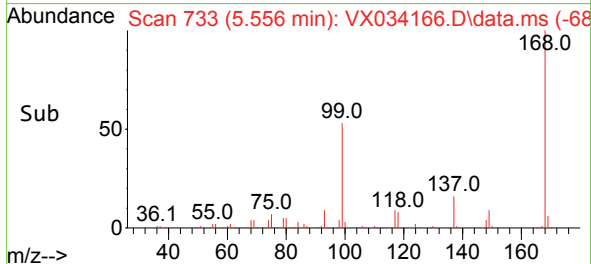
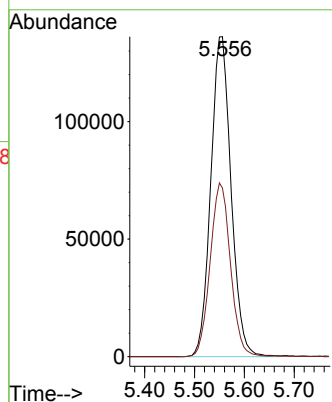
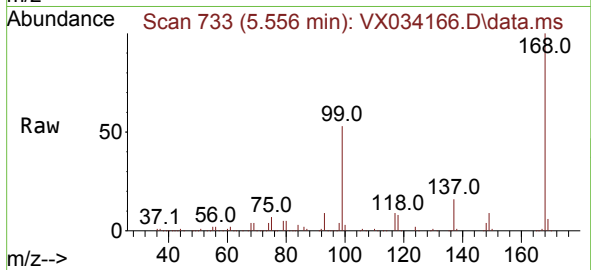
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:168 Resp: 384892

Ion Ratio Lower Upper

168 100

99 52.7 39.6 59.4



#5

Bromomethane

Concen: Below Cal

RT: 1.605 min Scan# 85

Delta R.T. 0.006 min

Lab File: VX034166.D

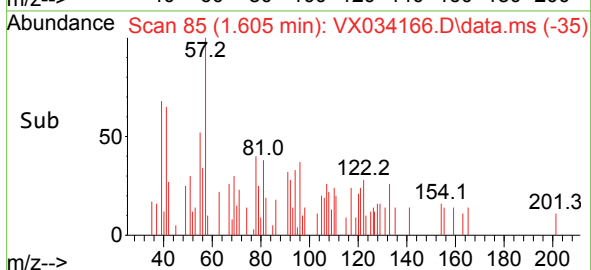
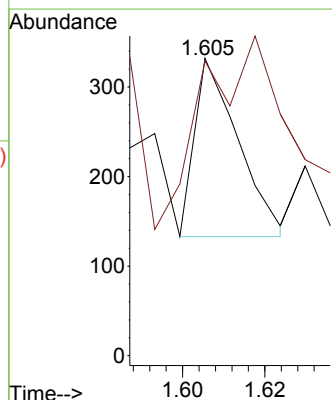
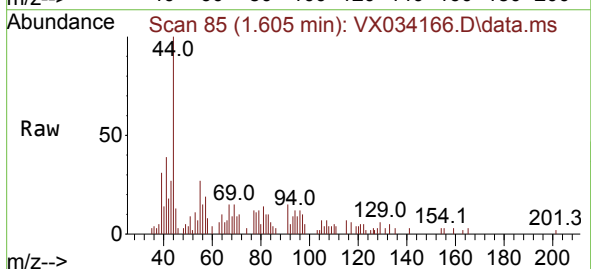
Acq: 17 Feb 2023 18:37

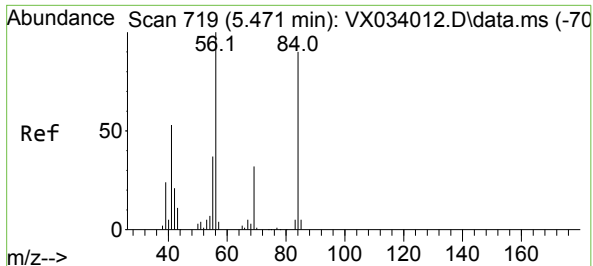
Tgt Ion: 94 Resp: 147

Ion Ratio Lower Upper

94 100

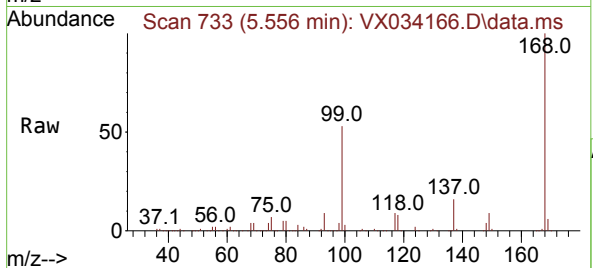
96 68.8 74.3 111.5#



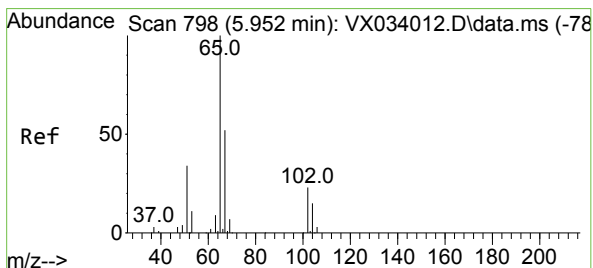
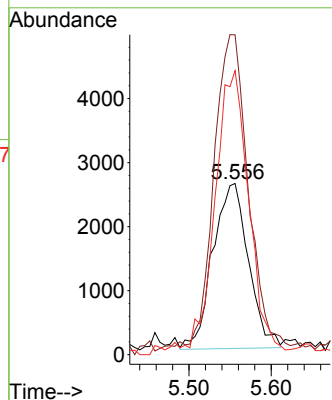
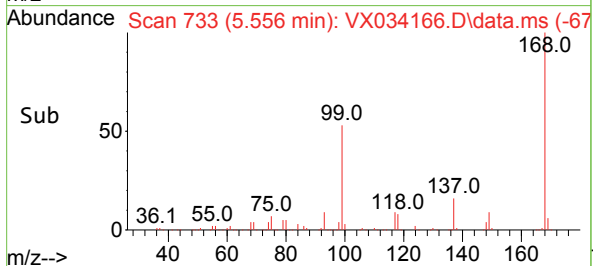


#31
Cyclohexane
Concen: 1.001 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX034166.D
Acq: 17 Feb 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :
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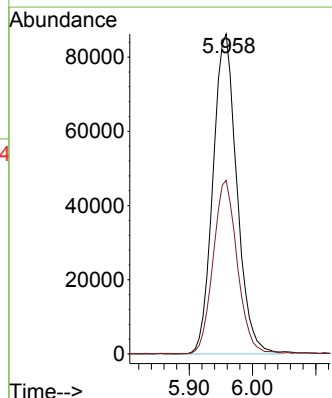
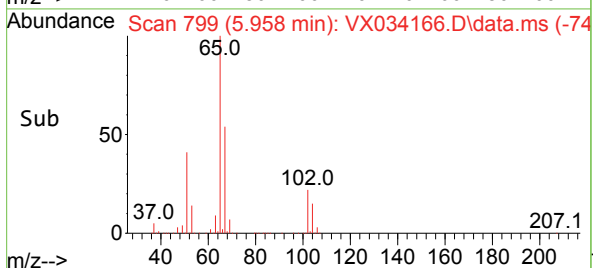
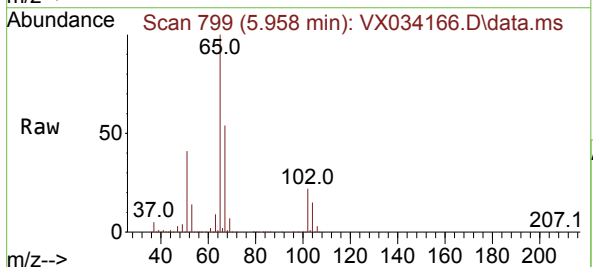


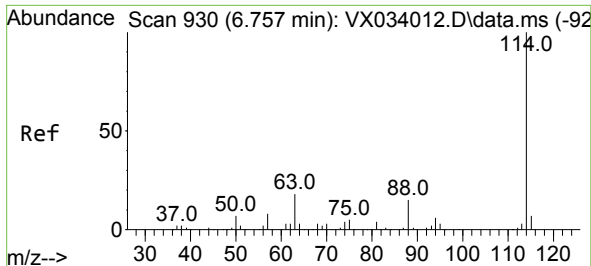
Tgt Ion: 56 Resp: 7743
Ion Ratio Lower Upper
56 100
69 187.0 24.6 37.0#
84 168.9 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 43.659 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034166.D
Acq: 17 Feb 2023 18:37

Tgt Ion: 65 Resp: 226308
Ion Ratio Lower Upper
65 100
67 54.4 0.0 104.8

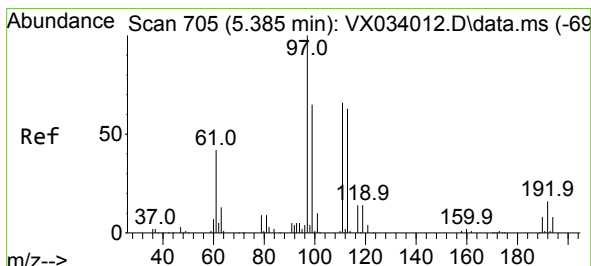
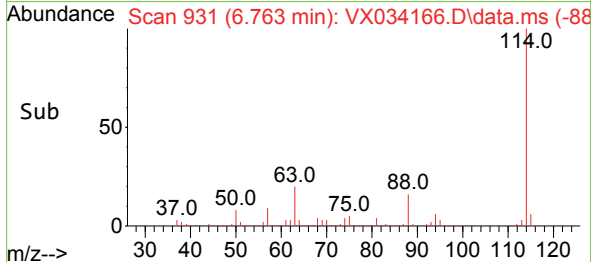
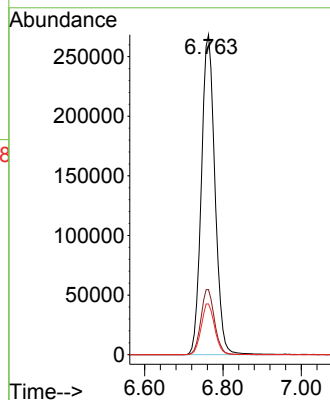
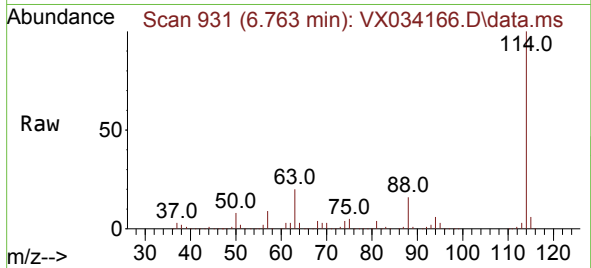




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034166.D
Acq: 17 Feb 2023 18:37

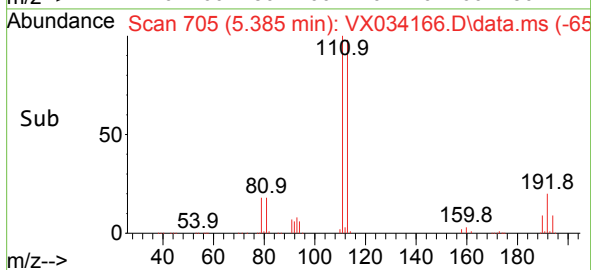
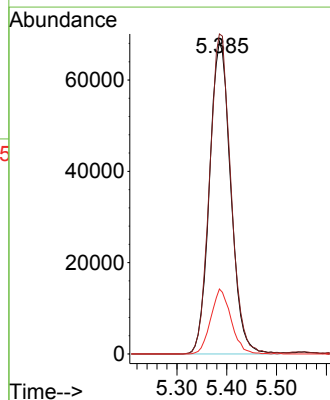
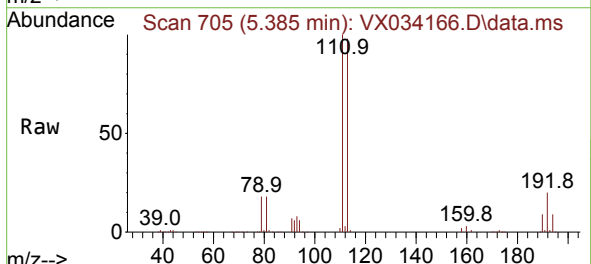
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

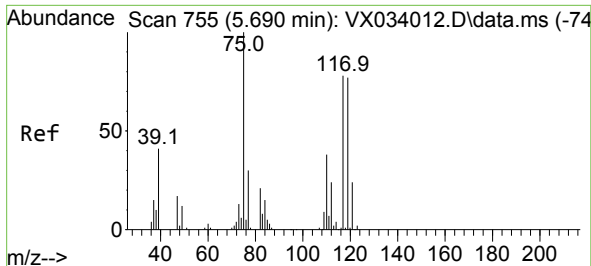
Tgt Ion:114 Resp: 646356
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.094 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034166.D
Acq: 17 Feb 2023 18:37

Tgt Ion:113 Resp: 202398
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.6
192 19.8 19.0 28.4

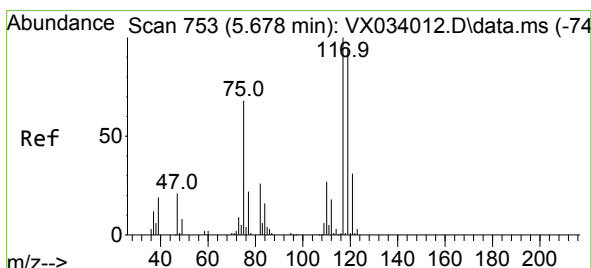
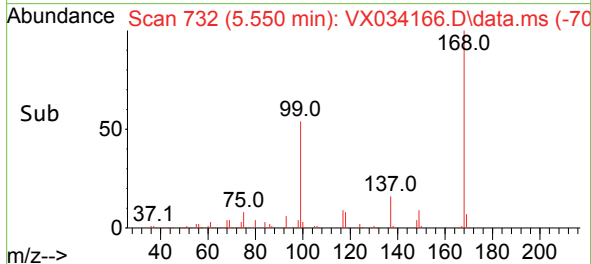
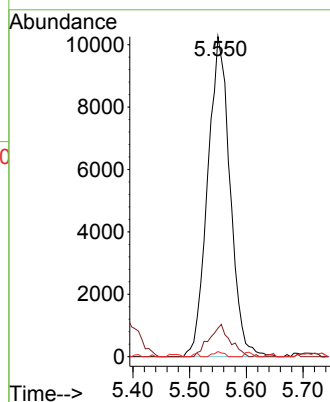
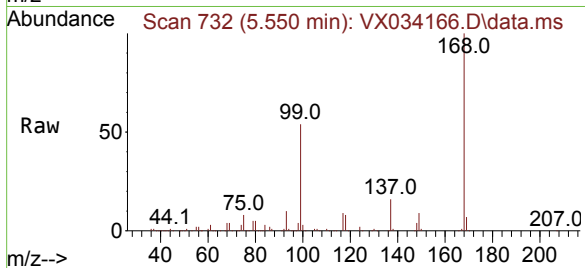




#36
1,1-Dichloropropene
Concen: 4.517 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX034166.D
Acq: 17 Feb 2023 18:37

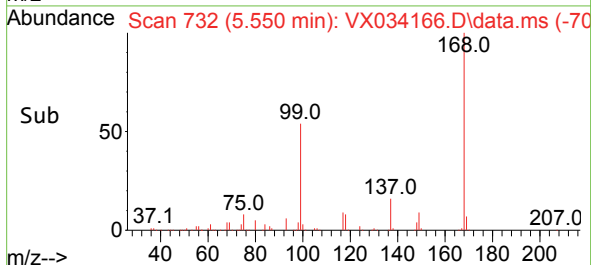
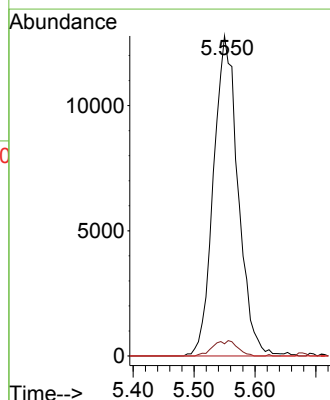
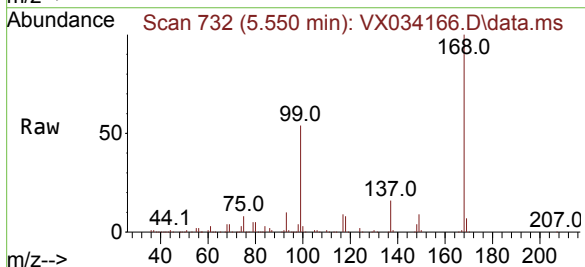
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

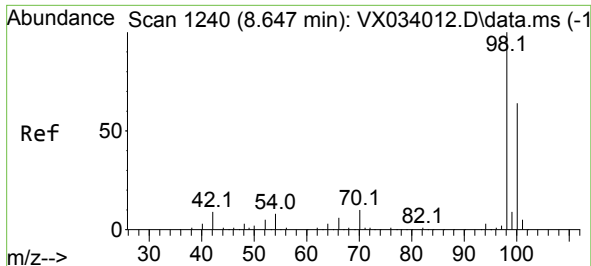
Tgt Ion: 75 Resp: 28113
Ion Ratio Lower Upper
75 100
110 9.4 18.8 56.4#
77 0.7 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.614 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034166.D
Acq: 17 Feb 2023 18:37

Tgt Ion: 117 Resp: 35954
Ion Ratio Lower Upper
117 100
119 3.8 78.0 117.0#
121 0.0 24.4 36.6#

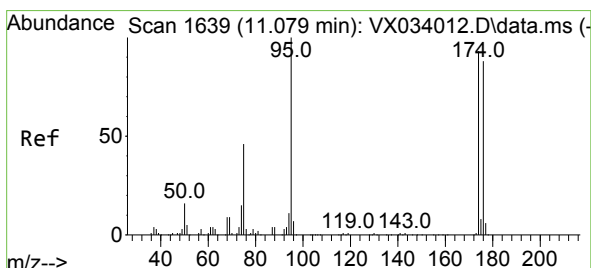
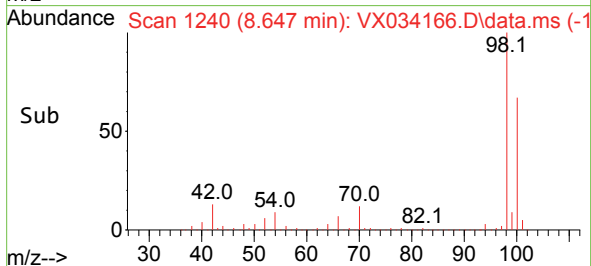
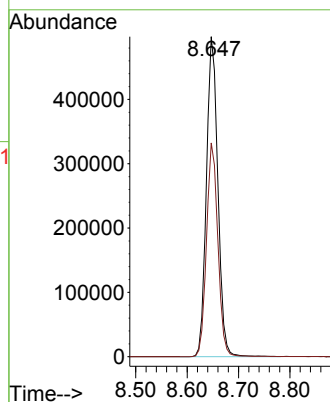
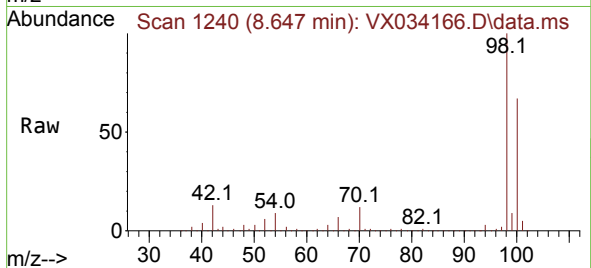




#50
Toluene-d8
Concen: 50.811 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034166.D
Acq: 17 Feb 2023 18:37

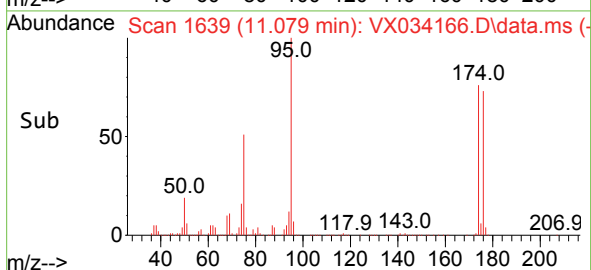
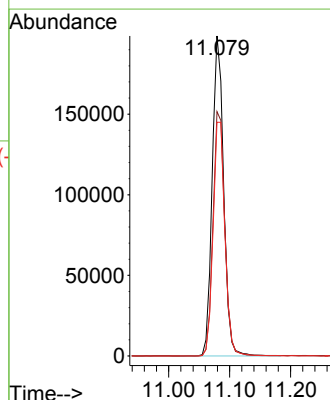
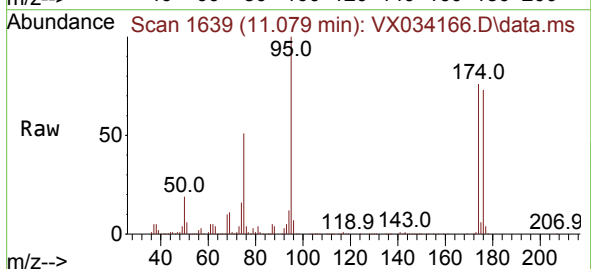
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STORAGE-BLANK-SOIL-REF-6

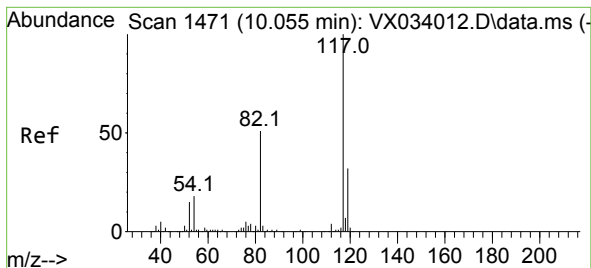
Tgt Ion: 98 Resp: 767735
Ion Ratio Lower Upper
98 100
100 66.4 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 44.686 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034166.D
Acq: 17 Feb 2023 18:37

Tgt Ion: 95 Resp: 258265
Ion Ratio Lower Upper
95 100
174 78.6 0.0 184.4
176 75.5 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034166.D

Acq: 17 Feb 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

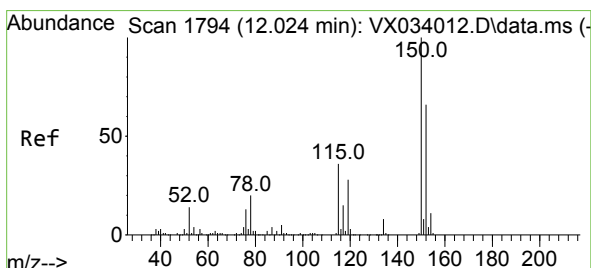
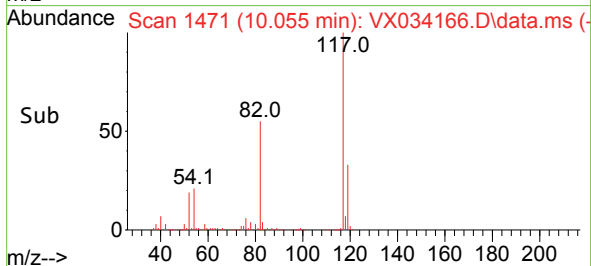
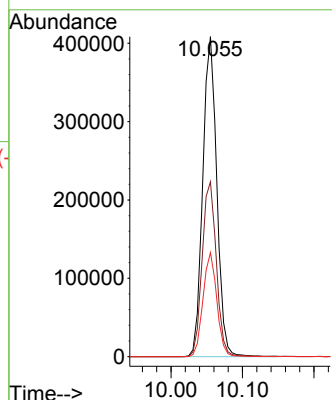
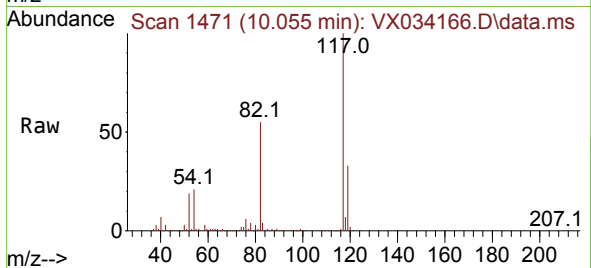
Tgt Ion:117 Resp: 556373

Ion Ratio Lower Upper

117 100

82 54.6 40.6 60.8

119 32.5 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034166.D

Acq: 17 Feb 2023 18:37

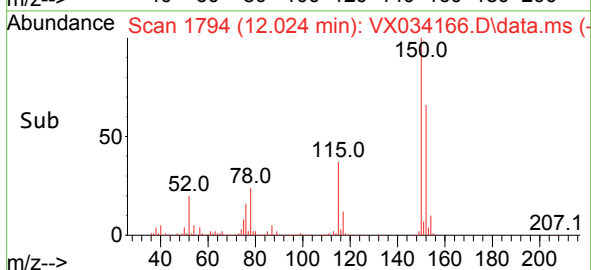
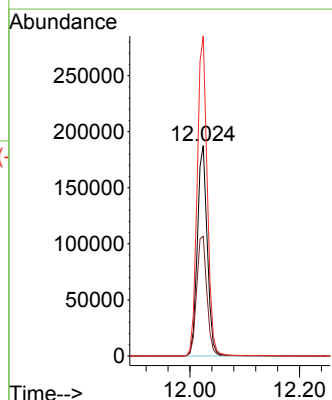
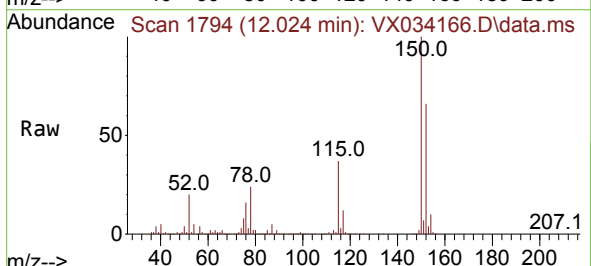
Tgt Ion:152 Resp: 236662

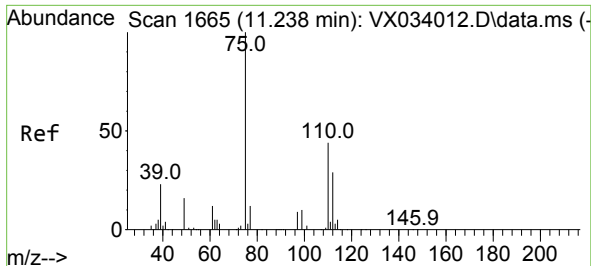
Ion Ratio Lower Upper

152 100

115 59.0 38.7 116.1

150 154.8 0.0 348.2

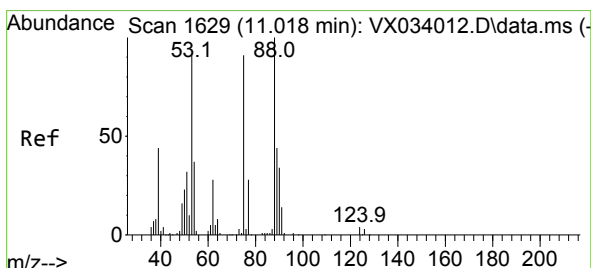
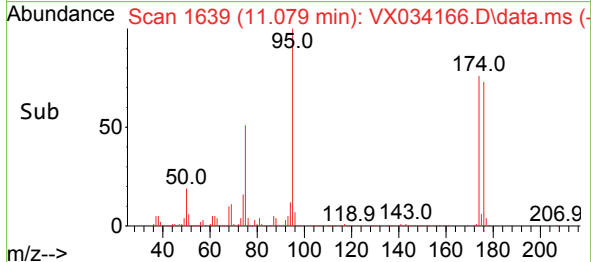
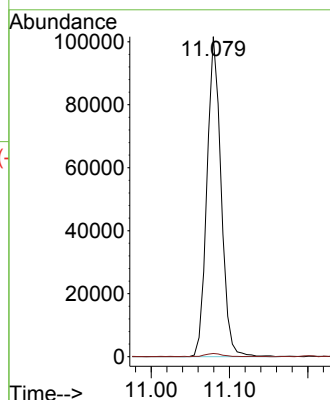
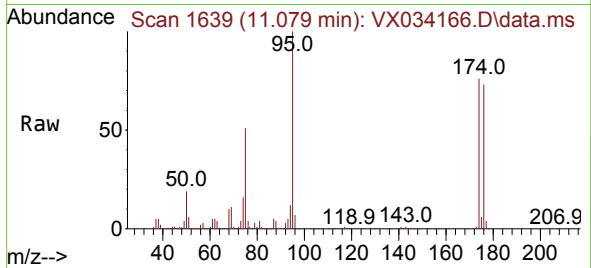




#76
1,2,3-Trichloropropane
Concen: 21.305 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034166.D
Acq: 17 Feb 2023 18:37

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

Tgt Ion: 75 Resp: 126873
Ion Ratio Lower Upper
75 100
77 1.3 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.731 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034166.D
Acq: 17 Feb 2023 18:37

Tgt Ion: 75 Resp: 126873
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

