

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030323\
 Data File : VX034325.D
 Acq On : 03 Mar 2023 16:11
 Operator : JC/MD
 Sample : 01813-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Mar 03 22:14:27 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	5.550	168	268661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	451400	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172225	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164132	45.363	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.720%
35) Dibromofluoromethane	5.385	113	141275	48.068	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.140%
50) Toluene-d8	8.647	98	540812	51.251	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.500%
62) 4-Bromofluorobenzene	11.079	95	182044	45.102	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.200%

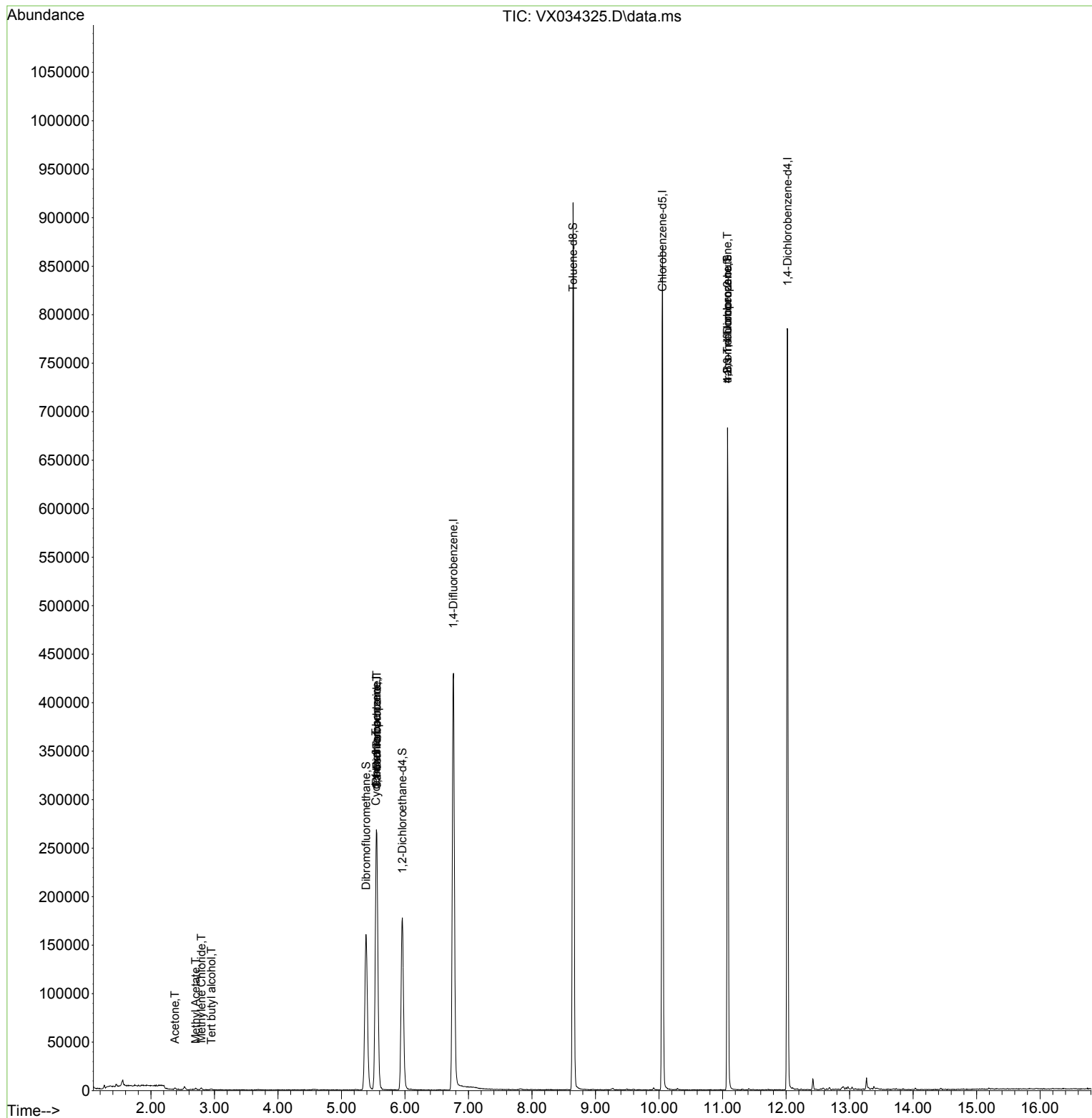
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.557	94	75	Below Cal	#	3
11) Tert butyl alcohol	2.953	59	595	0.735	ug/l #	86
16) Acetone	2.380	43	1752	0.939	ug/l	99
18) Methyl Acetate	2.703	43	2055	0.356	ug/l #	85
20) Methylene Chloride	2.794	84	847	0.252	ug/l #	87
31) Cyclohexane	5.544	56	5532	1.024	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	20012	4.604	ug/l #	48
38) Carbon Tetrachloride	5.556	117	25269	5.650	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	90880	20.971	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	90880	53.872	ug/l #	8

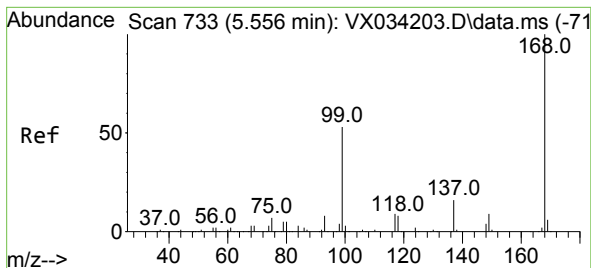
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 03 22:14:27 2023
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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: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX034325.D

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Instrument :

MSVOA_X

ClientSampleId :

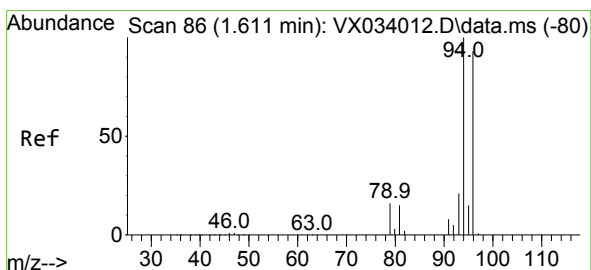
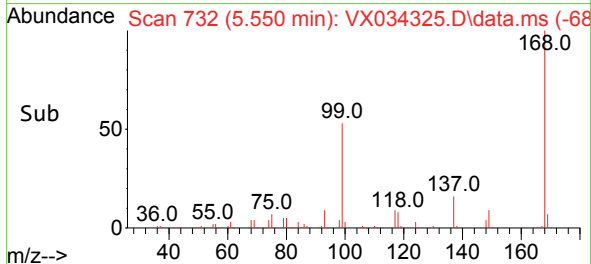
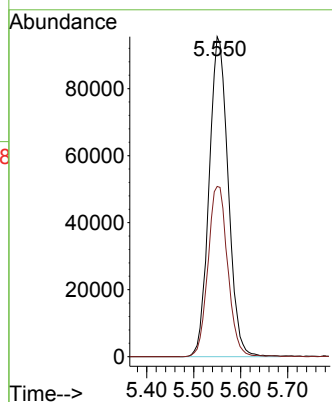
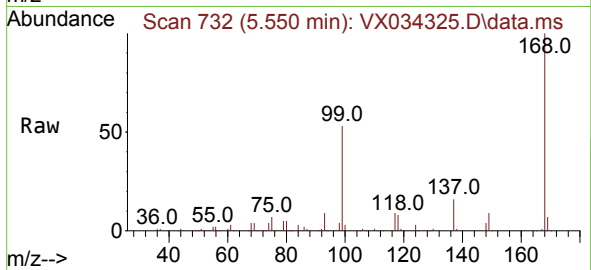
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:168 Resp: 268661

Ion Ratio Lower Upper

168 100

99 53.2 39.6 59.4



#5

Bromomethane

Concen: Below Cal

RT: 1.557 min Scan# 77

Delta R.T. -0.042 min

Lab File: VX034325.D

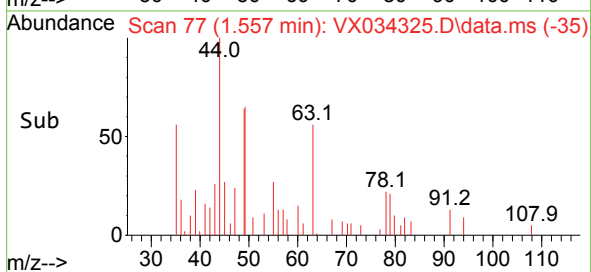
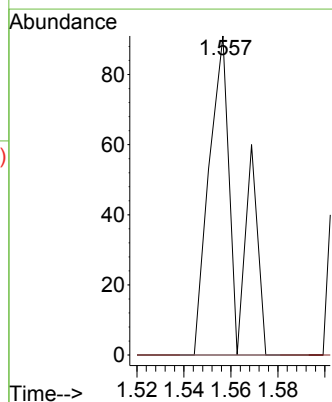
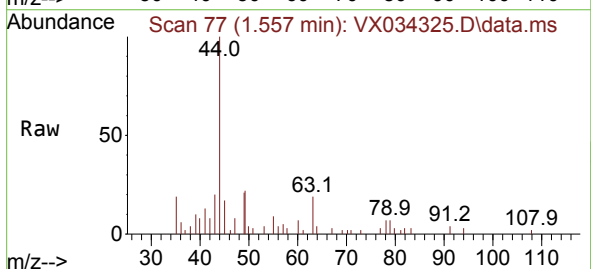
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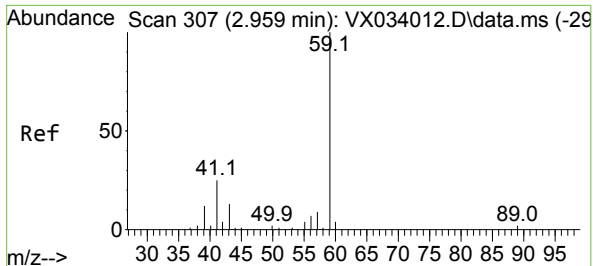
Tgt Ion: 94 Resp: 75

Ion Ratio Lower Upper

94 100

96 0.0 74.3 111.5#





#11

Tert butyl alcohol

Concen: 0.735 ug/l

RT: 2.953 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX034325.D

Acq: 03 Mar 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

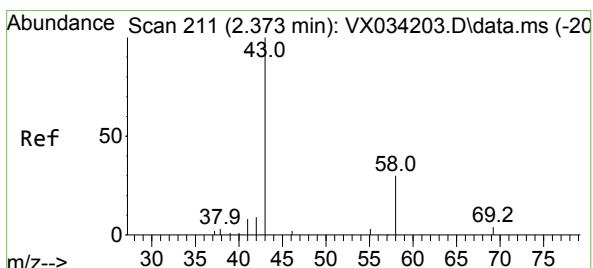
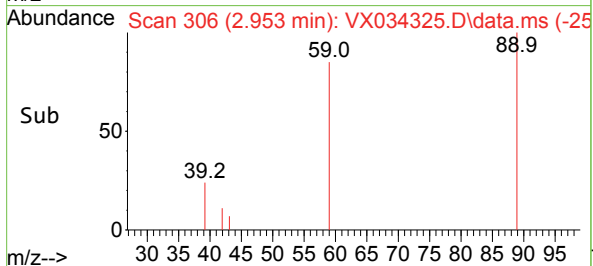
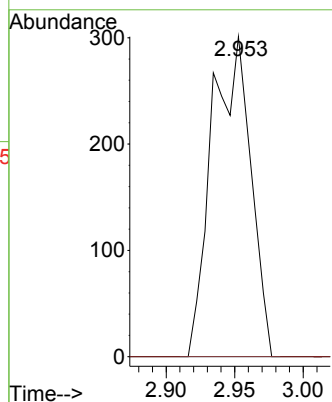
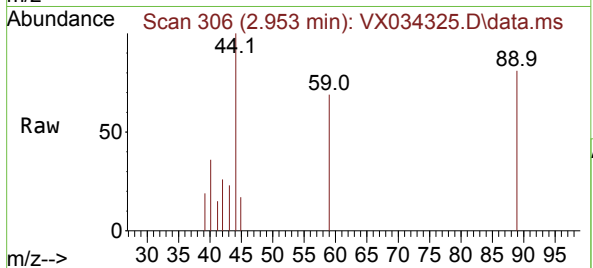
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 59 Resp: 595

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#16

Acetone

Concen: 0.939 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX034325.D

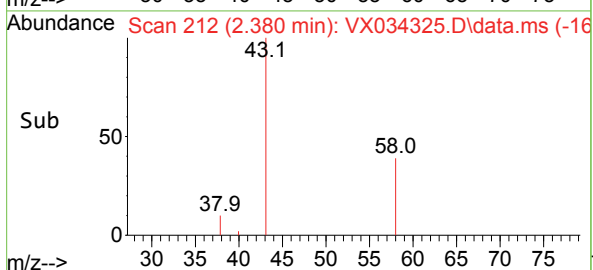
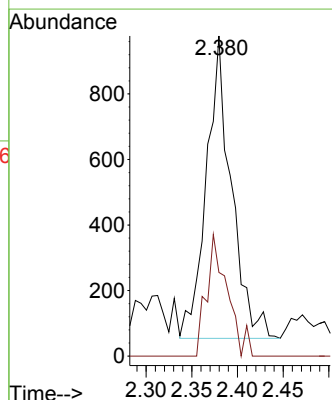
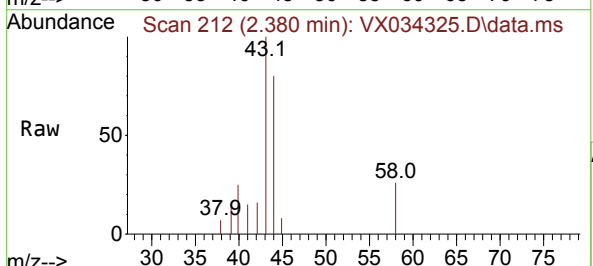
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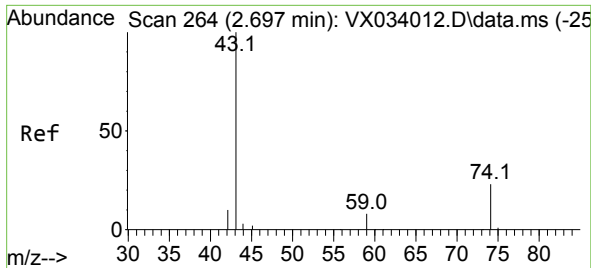
Tgt Ion: 43 Resp: 1752

Ion Ratio Lower Upper

43 100

58 27.6 22.6 33.8

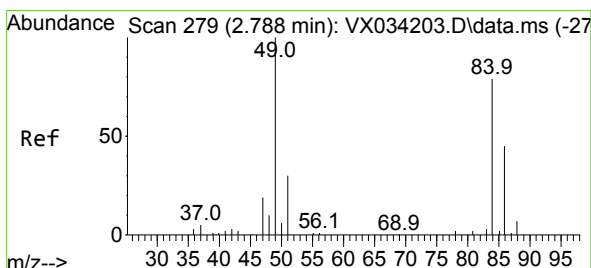
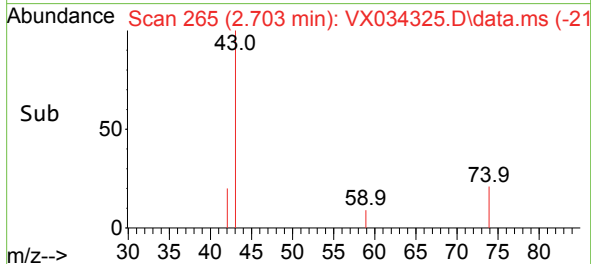
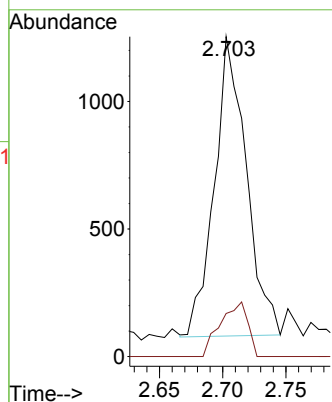
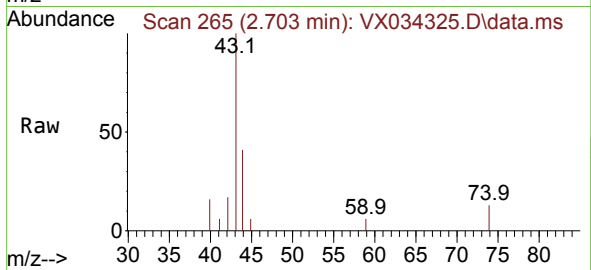




#18
Methyl Acetate
Concen: 0.356 ug/l
RT: 2.703 min Scan# 2055
Delta R.T. 0.006 min
Lab File: VX034325.D
Acq: 03 Mar 2023 16:11

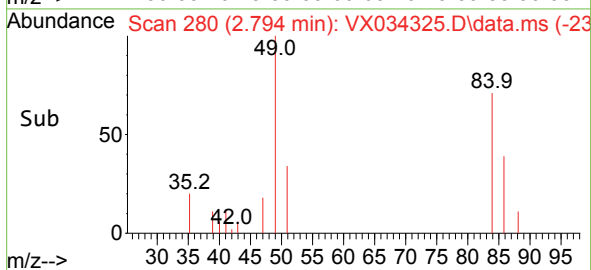
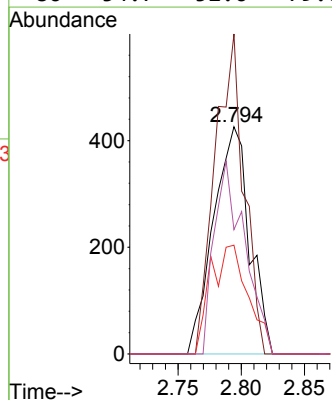
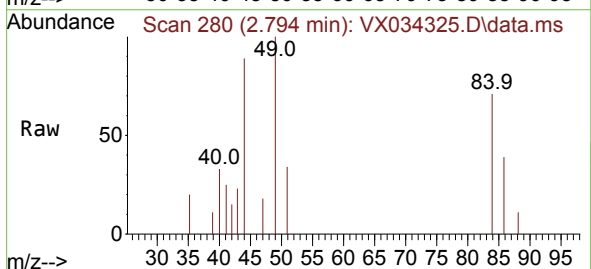
Instrument :
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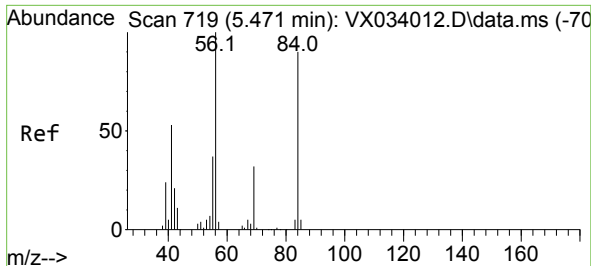
Tgt Ion: 43 Resp: 2055
Ion Ratio Lower Upper
43 100
74 15.7 18.2 27.4#



#20
Methylene Chloride
Concen: 0.252 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034325.D
Acq: 03 Mar 2023 16:11

Tgt Ion: 84 Resp: 847
Ion Ratio Lower Upper
84 100
49 140.8 101.1 151.7
51 47.9 31.0 46.6#
86 54.7 52.6 79.0

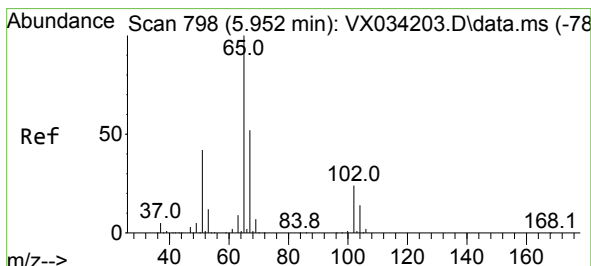
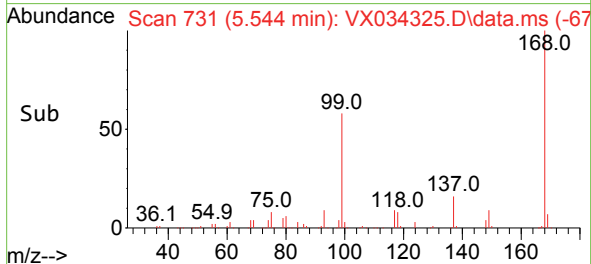
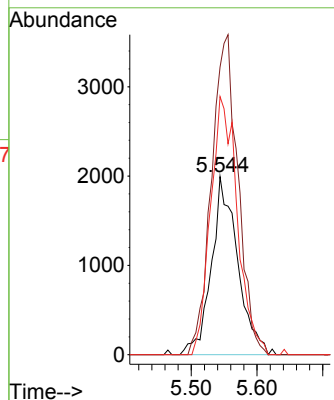
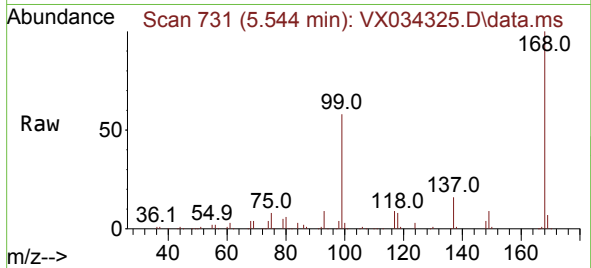




#31
Cyclohexane
Concen: 1.024 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX034325.D
Acq: 03 Mar 2023 16:11

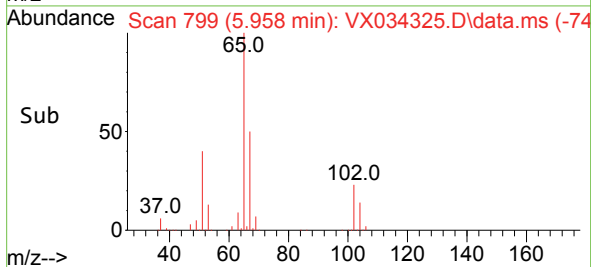
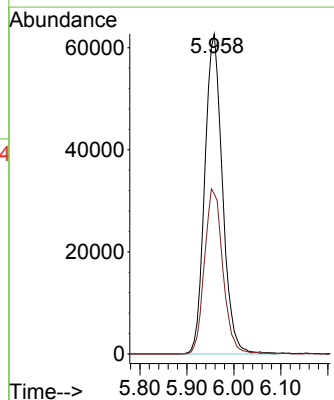
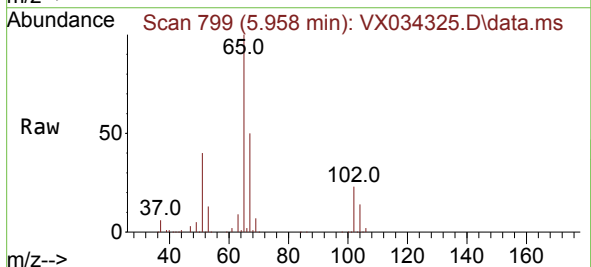
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STORAGE-BLANK-SOIL-REF-6

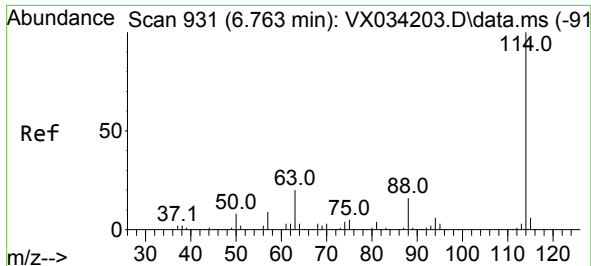
Tgt Ion: 56 Resp: 5532
Ion Ratio Lower Upper
56 100
69 161.5 24.6 37.0#
84 144.9 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 45.363 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034325.D
Acq: 03 Mar 2023 16:11

Tgt Ion: 65 Resp: 164132
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.8

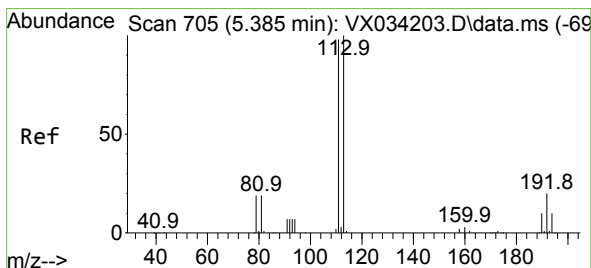
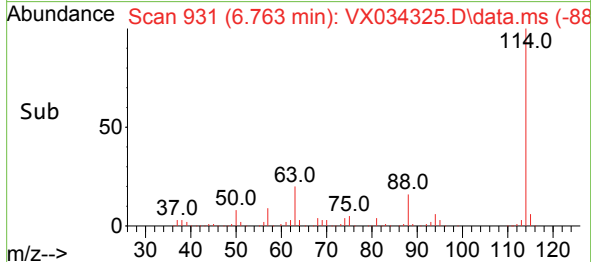
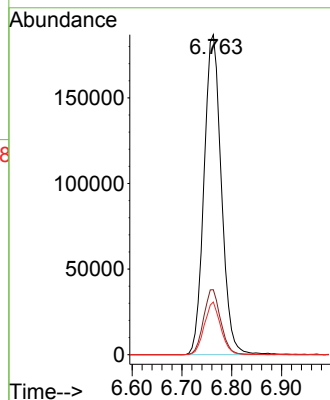
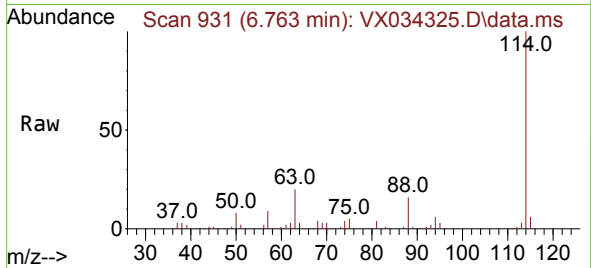




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034325.D
Acq: 03 Mar 2023 16:11

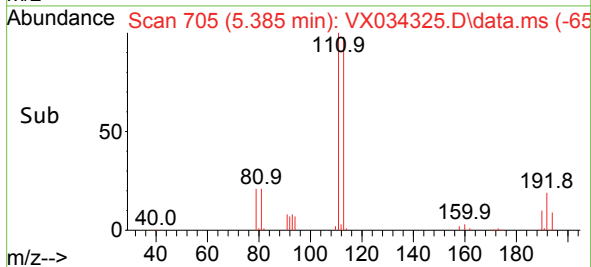
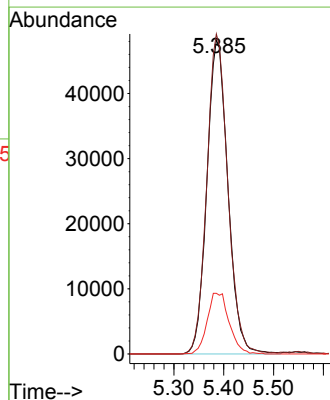
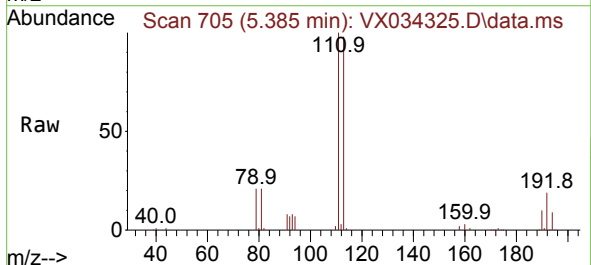
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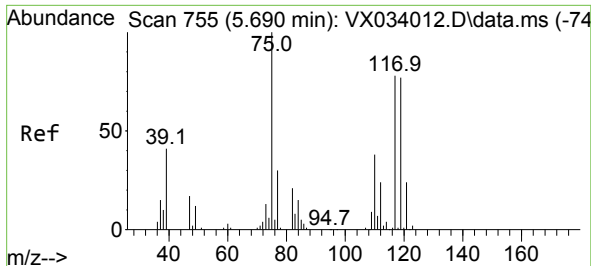
Tgt Ion:114 Resp: 451400
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.4
88 16.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.068 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034325.D
Acq: 03 Mar 2023 16:11

Tgt Ion:113 Resp: 141275
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.6
192 20.2 19.0 28.4

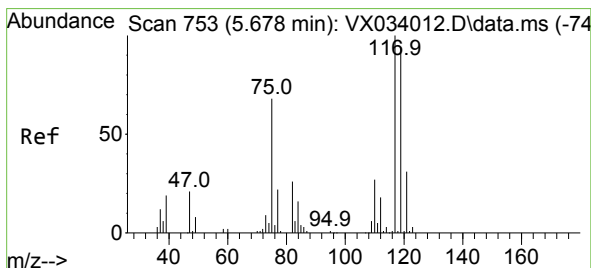
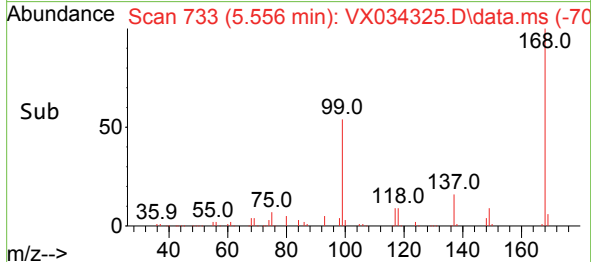
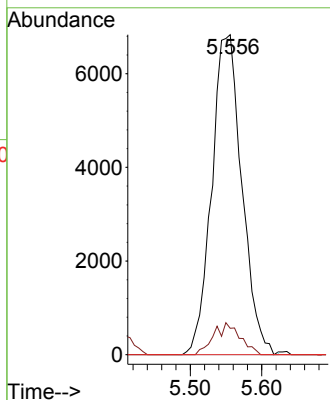
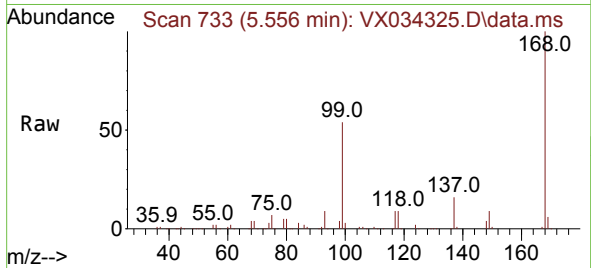




#36
1,1-Dichloropropene
Concen: 4.604 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX034325.D
Acq: 03 Mar 2023 16:11

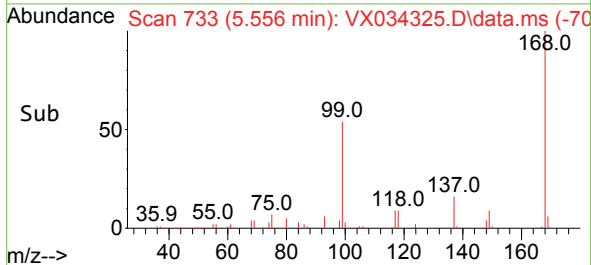
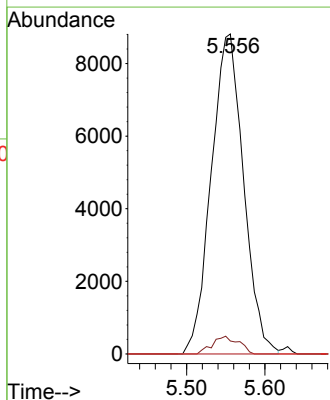
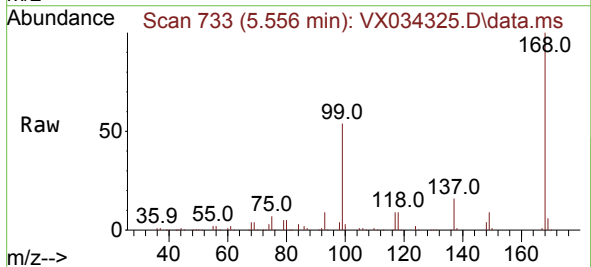
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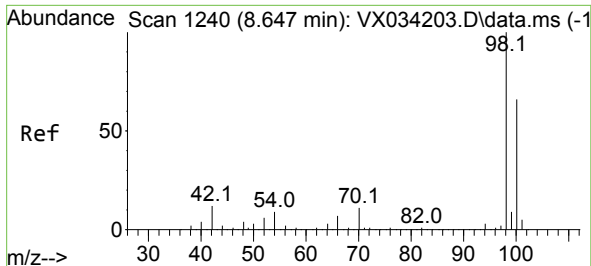
Tgt Ion: 75 Resp: 20012
Ion Ratio Lower Upper
75 100
110 8.8 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.650 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX034325.D
Acq: 03 Mar 2023 16:11

Tgt Ion: 117 Resp: 25269
Ion Ratio Lower Upper
117 100
119 4.1 78.0 117.0#
121 0.0 24.4 36.6#

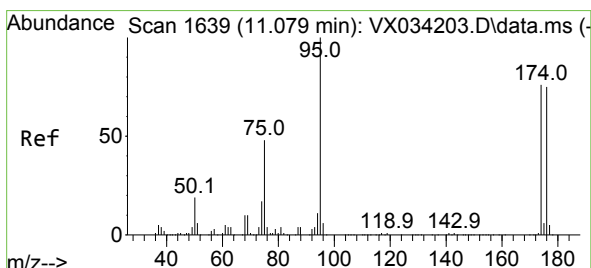
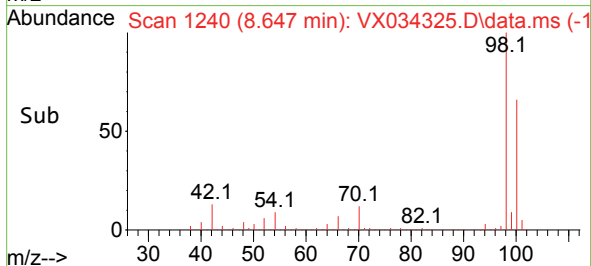
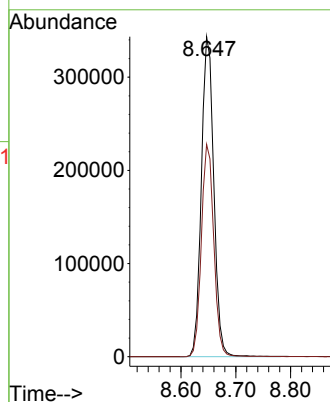
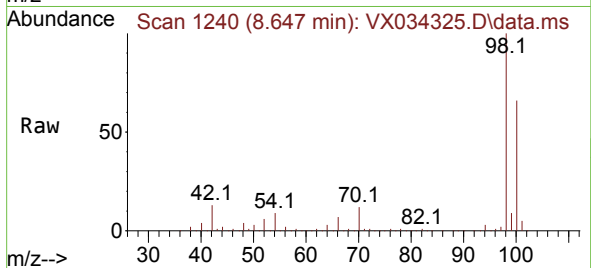




#50
Toluene-d8
Concen: 51.251 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034325.D
Acq: 03 Mar 2023 16:11

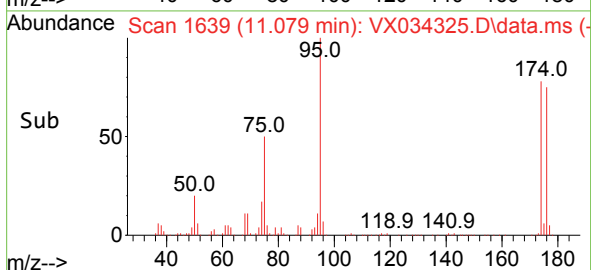
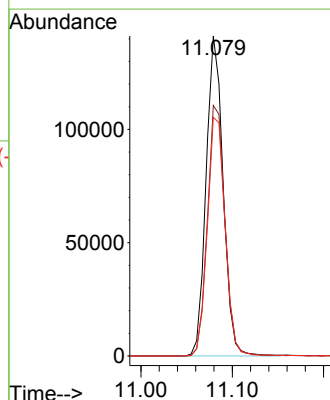
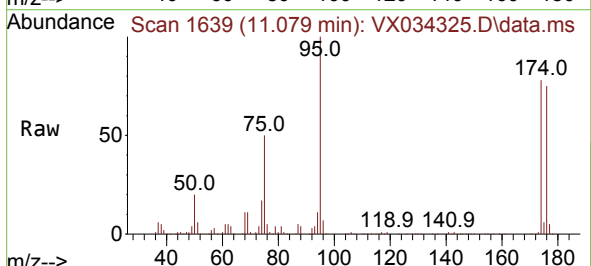
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STORAGE-BLANK-SOIL-REF-6

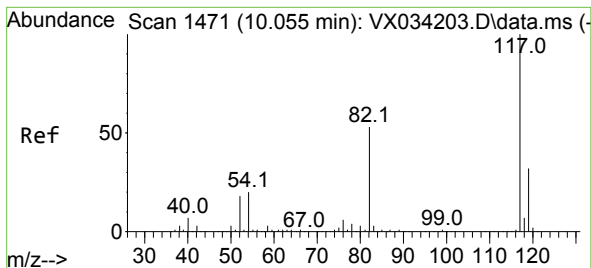
Tgt Ion: 98 Resp: 540812
Ion Ratio Lower Upper
98 100
100 66.4 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 45.102 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034325.D
Acq: 03 Mar 2023 16:11

Tgt Ion: 95 Resp: 182044
Ion Ratio Lower Upper
95 100
174 80.8 0.0 184.4
176 78.1 0.0 178.8

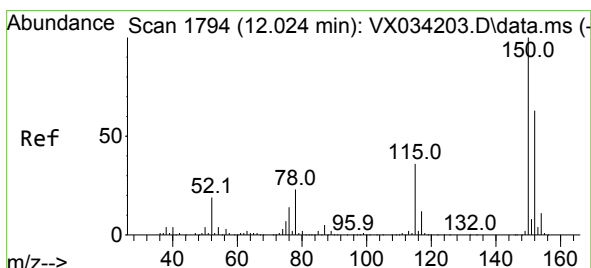
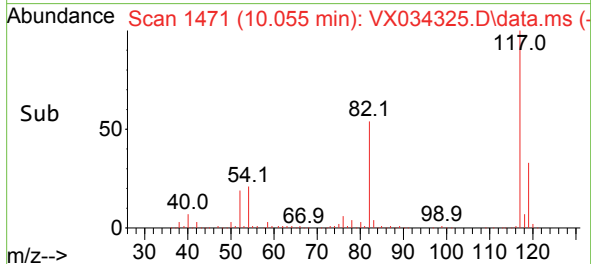
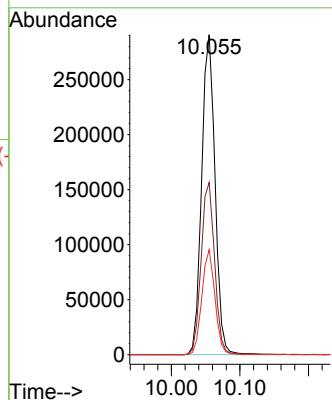
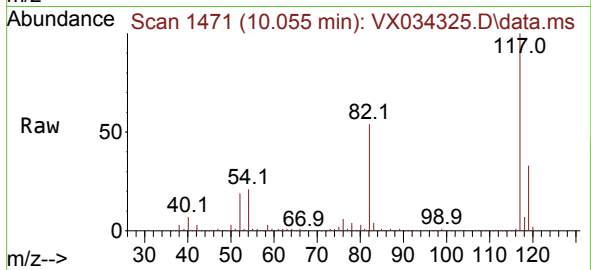




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034325.D
Acq: 03 Mar 2023 16:11

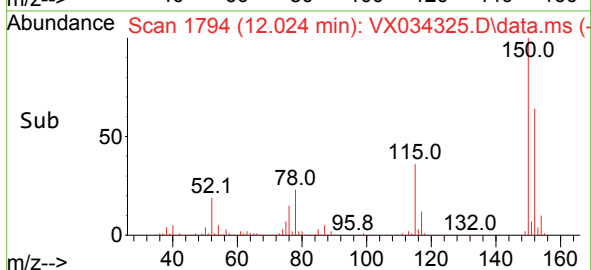
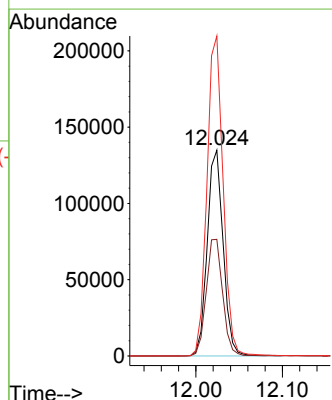
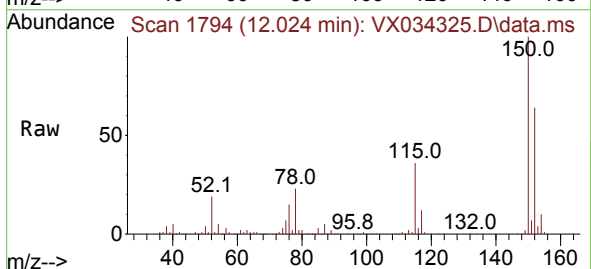
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

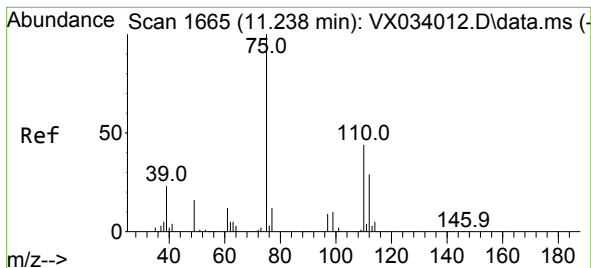
Tgt Ion:117 Resp: 396261
Ion Ratio Lower Upper
117 100
82 53.8 40.6 60.8
119 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034325.D
Acq: 03 Mar 2023 16:11

Tgt Ion:152 Resp: 172225
Ion Ratio Lower Upper
152 100
115 58.6 38.7 116.1
150 157.8 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 20.971 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX034325.D

Acq: 03 Mar 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

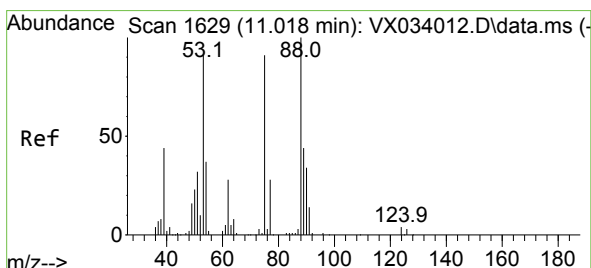
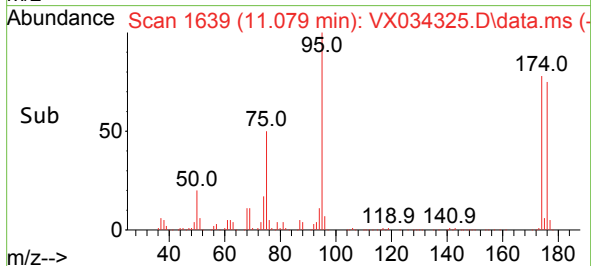
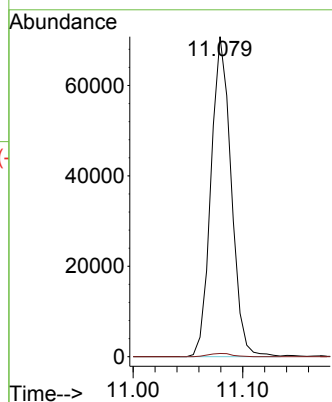
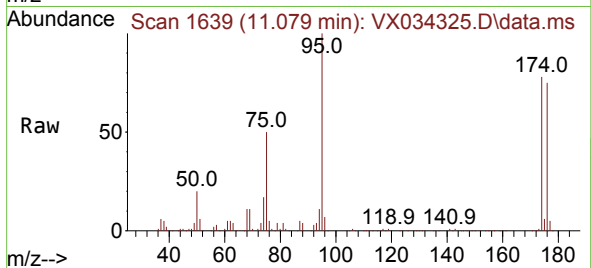
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 90880

Ion Ratio Lower Upper

75 100

77 1.2 21.8 65.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 53.872 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034325.D

Acq: 03 Mar 2023 16:11

Tgt Ion: 75 Resp: 90880

Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

89 0.0 37.7 56.5#

