

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070723\
 Data File : VX036455.D
 Acq On : 07 Jul 2023 13:06
 Operator : JC/MD
 Sample : 03494-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 07 23:04:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

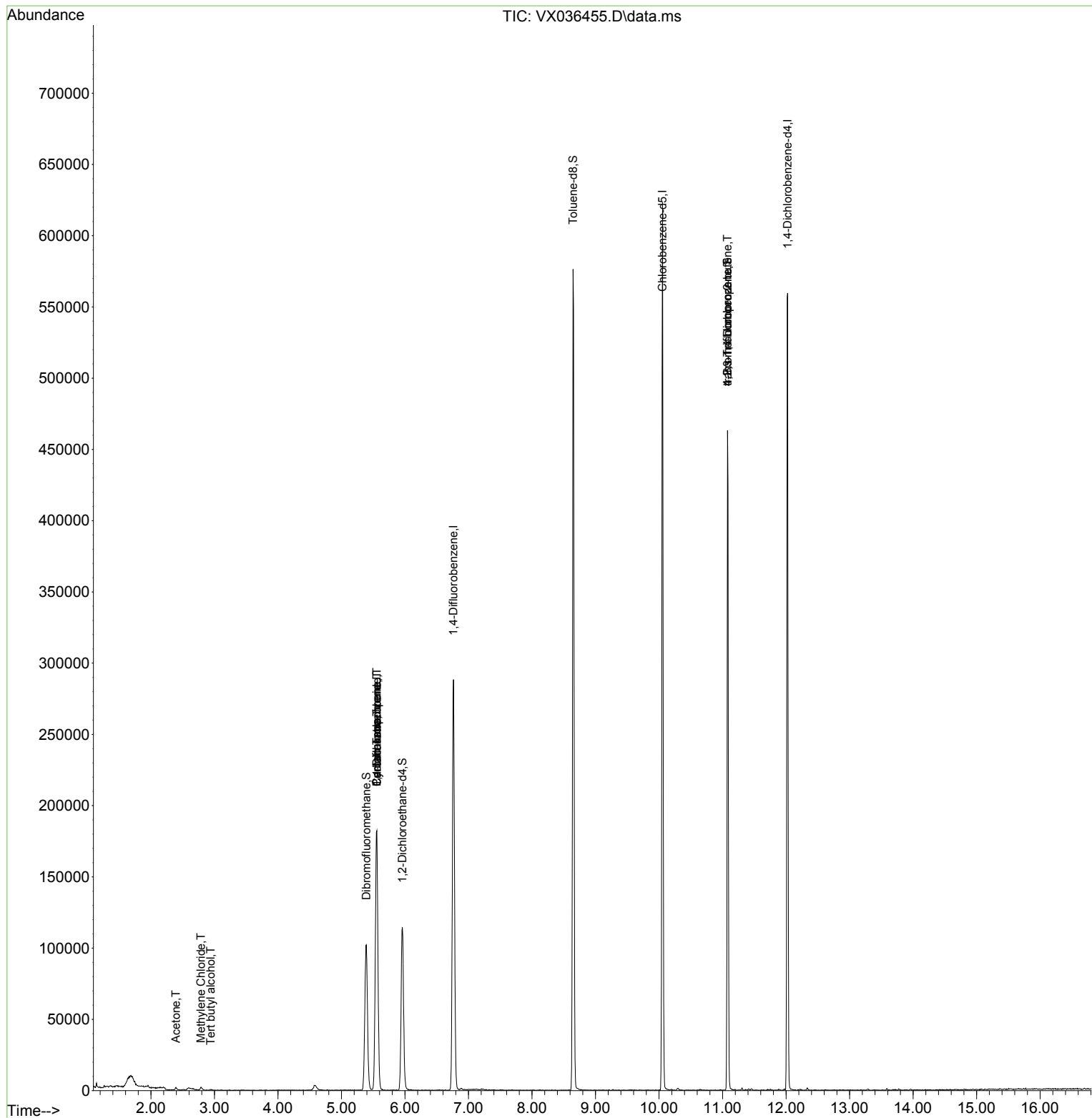
Internal Standards						
1) Pentafluorobenzene	5.556	168	172592	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	291439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	263388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110709	44.749	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	89.500%	
35) Dibromofluoromethane	5.391	113	91388	47.557	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.120%	
50) Toluene-d8	8.647	98	350164	48.787	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.580%	
62) 4-Bromofluorobenzene	11.079	95	121710	48.142	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	96.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	331	0.735	ug/l #	78
16) Acetone	2.392	43	2187	2.068	ug/l #	82
20) Methylene Chloride	2.788	84	946	0.415	ug/l #	84
31) Cyclohexane	5.556	56	4162	1.313	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	13543	4.728	ug/l #	51
38) Carbon Tetrachloride	5.556	117	17457	6.673	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	62534	24.826	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	62534	80.926	ug/l #	5

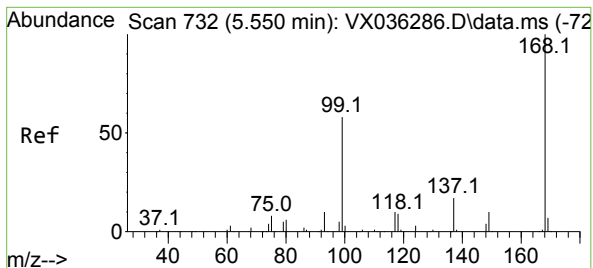
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.007 min

Lab File: VX036455.D

Acq: 07 Jul 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

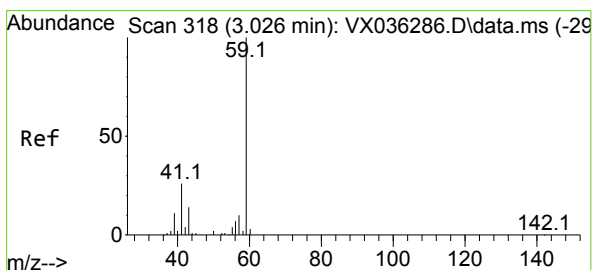
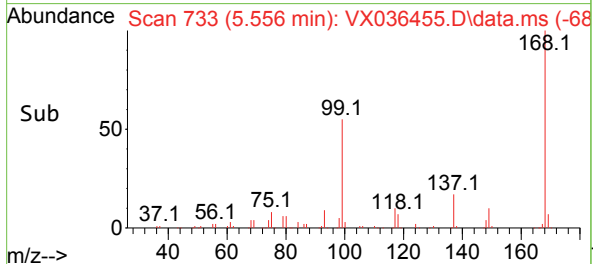
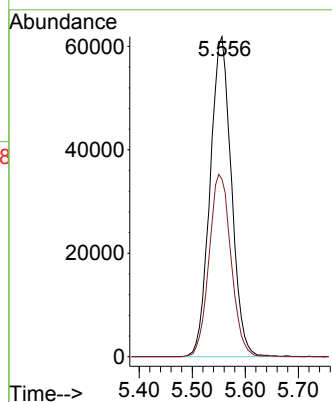
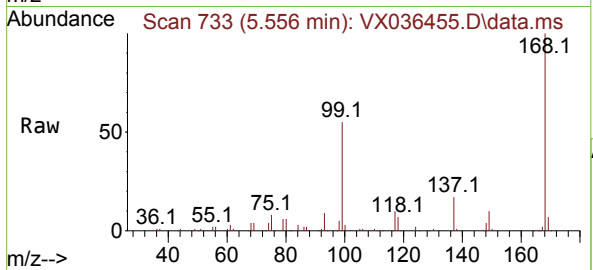
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:168 Resp: 172592

Ion Ratio Lower Upper

168 100

99 55.5 56.6 85.0#



#11

Tert butyl alcohol

Concen: 0.735 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.072 min

Lab File: VX036455.D

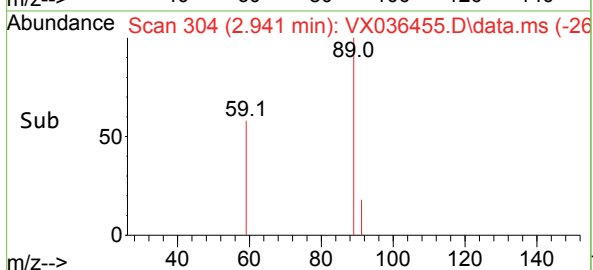
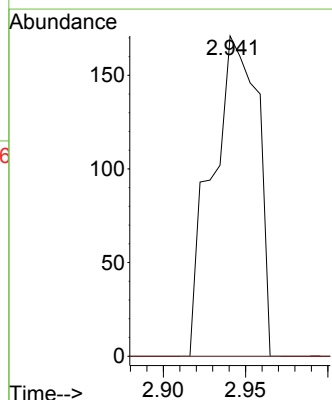
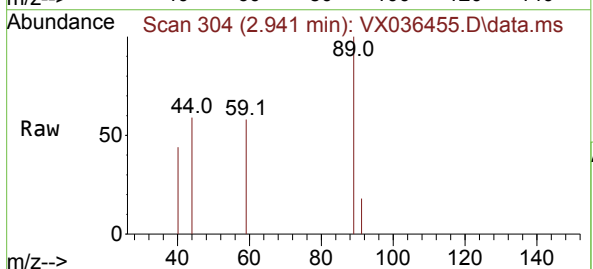
Acq: 07 Jul 2023 13:06

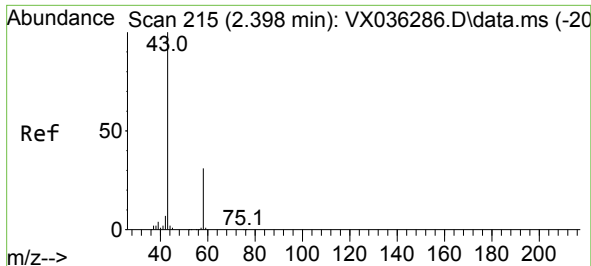
Tgt Ion: 59 Resp: 331

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#





#16

Acetone

Concen: 2.068 ug/l

RT: 2.392 min Scan# 215

Delta R.T. -0.012 min

Lab File: VX036455.D

Acq: 07 Jul 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

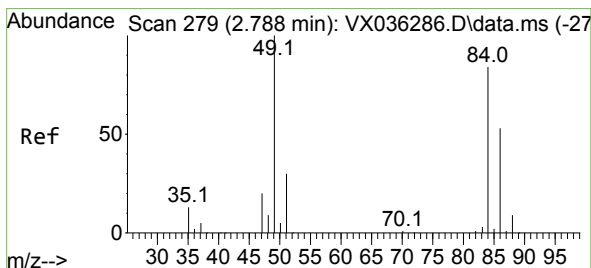
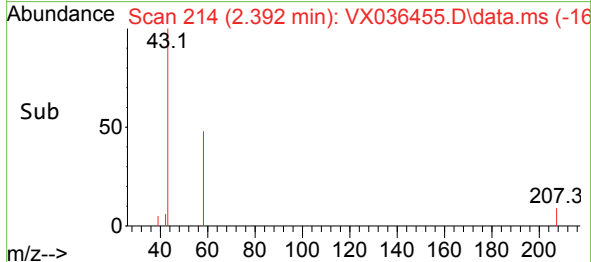
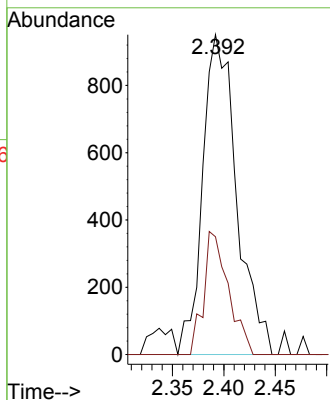
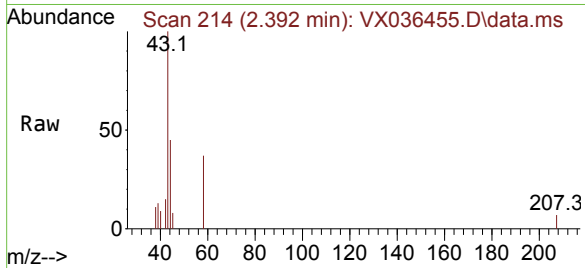
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 43 Resp: 2187

Ion Ratio Lower Upper

43 100

58 36.8 21.9 32.9#



#20

Methylene Chloride

Concen: 0.415 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX036455.D

Acq: 07 Jul 2023 13:06

Tgt Ion: 84 Resp: 946

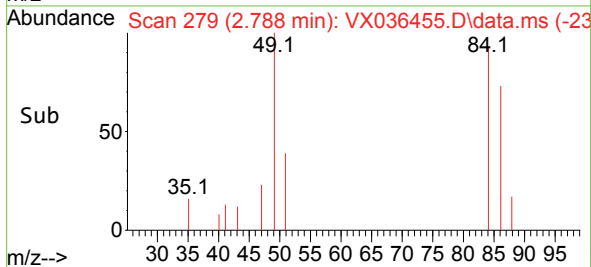
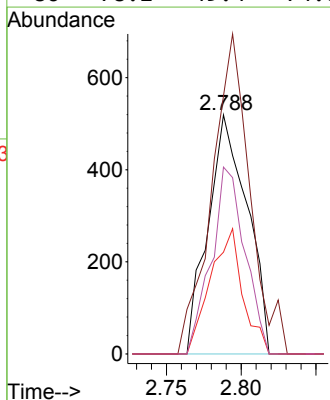
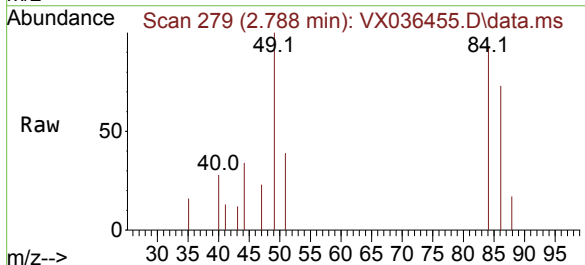
Ion Ratio Lower Upper

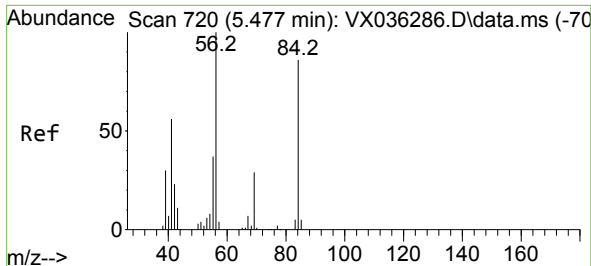
84 100

49 107.9 103.6 155.4

51 42.6 33.8 50.6

86 78.2 49.4 74.0#

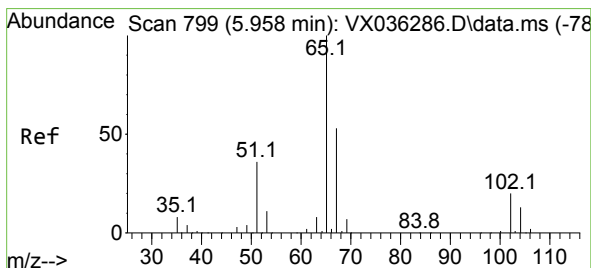
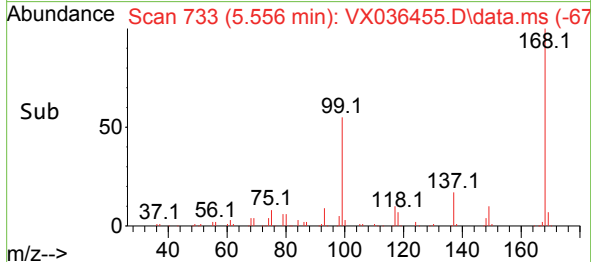
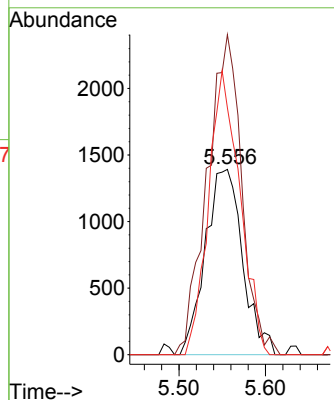
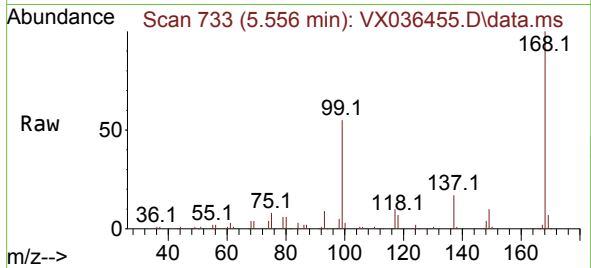




#31
Cyclohexane
Concen: 1.313 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.086 min
Lab File: VX036455.D
Acq: 07 Jul 2023 13:06

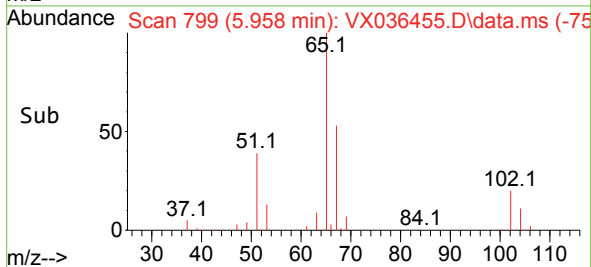
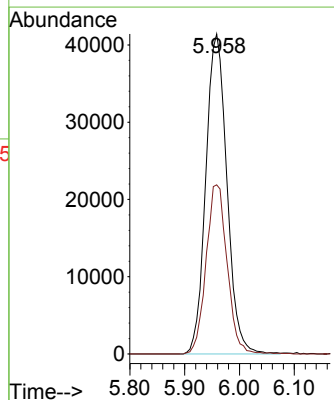
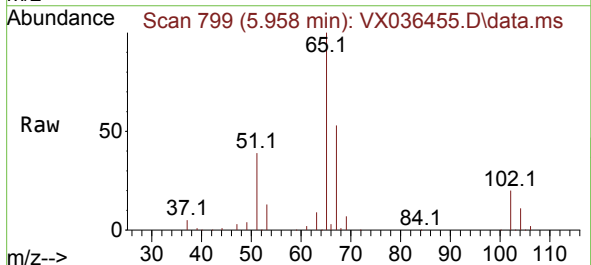
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

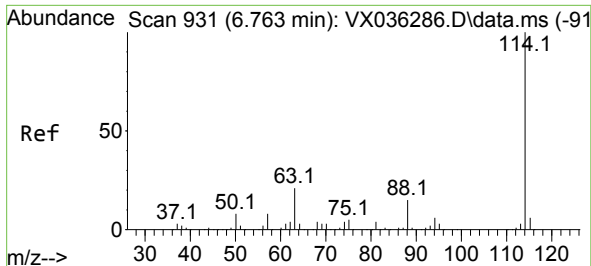
Tgt Ion: 56 Resp: 4162
Ion Ratio Lower Upper
56 100
69 172.7 23.4 35.2#
84 133.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.749 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036455.D
Acq: 07 Jul 2023 13:06

Tgt Ion: 65 Resp: 110709
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2

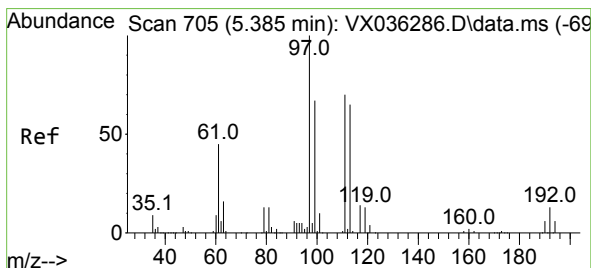
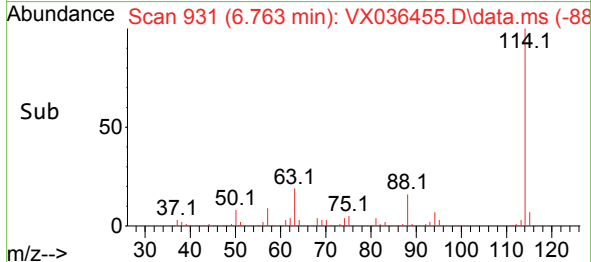
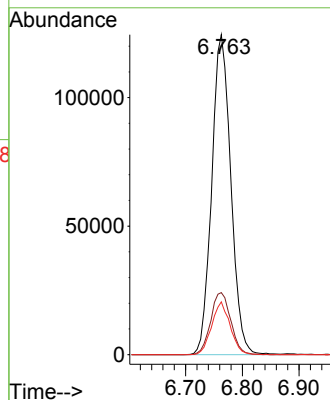
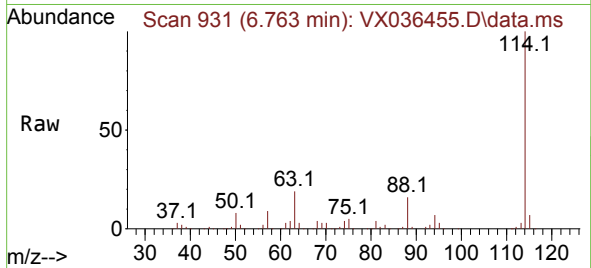




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036455.D
Acq: 07 Jul 2023 13:06

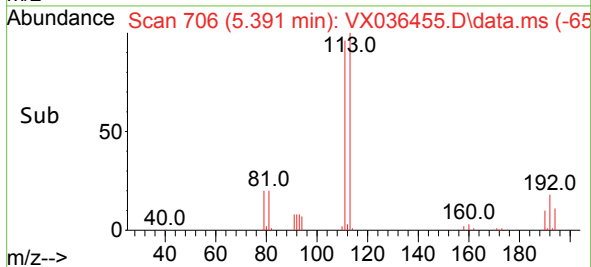
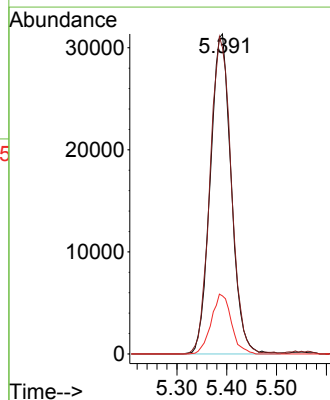
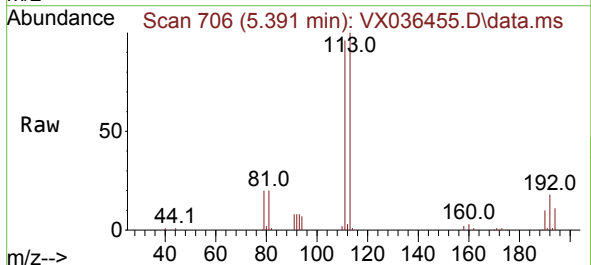
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

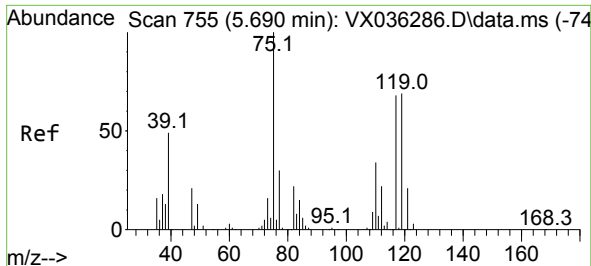
Tgt Ion:114 Resp: 291439
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.557 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036455.D
Acq: 07 Jul 2023 13:06

Tgt Ion:113 Resp: 91388
Ion Ratio Lower Upper
113 100
111 100.8 82.9 124.3
192 17.9 13.3 19.9

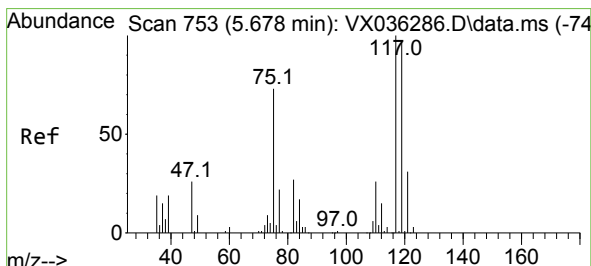
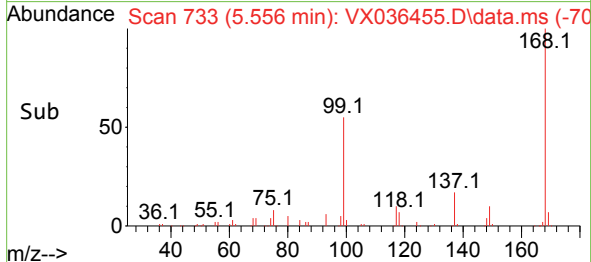
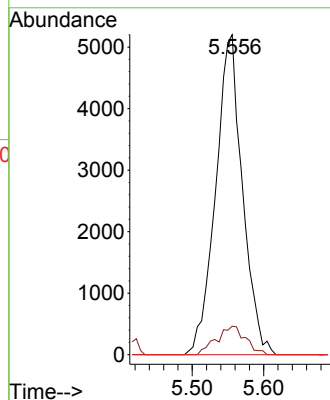
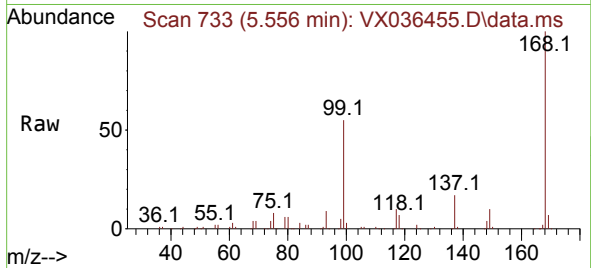




#36
1,1-Dichloropropene
Concen: 4.728 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX036455.D
Acq: 07 Jul 2023 13:06

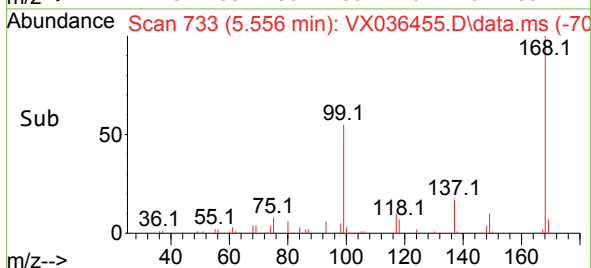
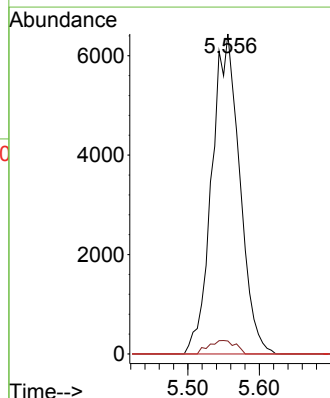
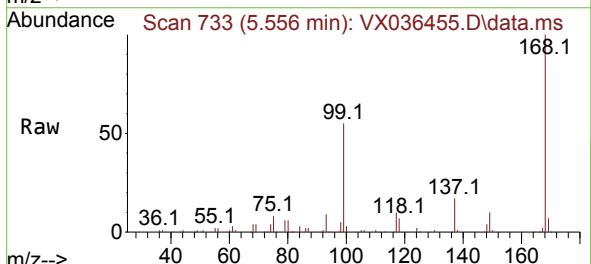
Instrument :
MSVOA_X
ClientSampleId :
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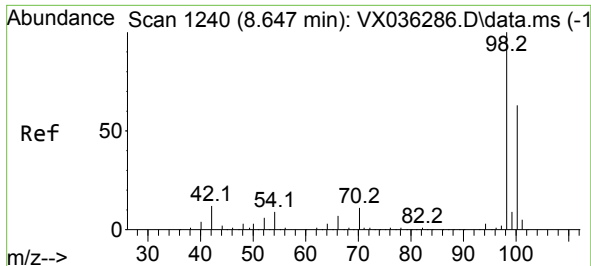
Tgt Ion: 75 Resp: 13543
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.673 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX036455.D
Acq: 07 Jul 2023 13:06

Tgt Ion: 117 Resp: 17457
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#

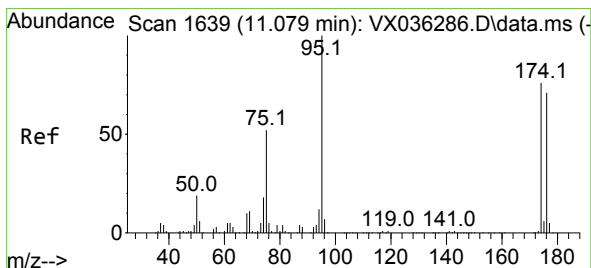
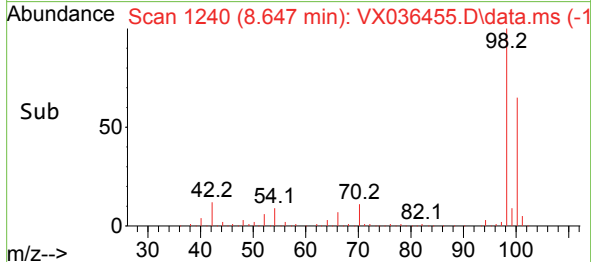
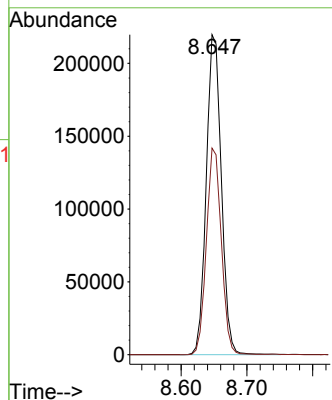
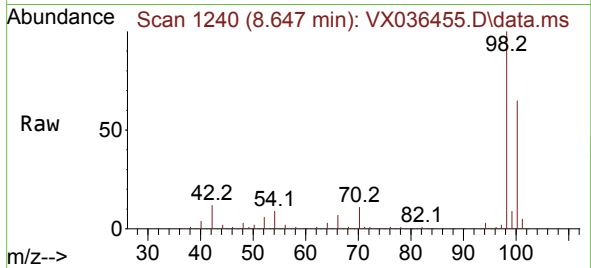




#50
Toluene-d8
Concen: 48.787 ug/l
RT: 8.647 min Scan# 1133
Delta R.T. 0.001 min
Lab File: VX036455.D
Acq: 07 Jul 2023 13:06

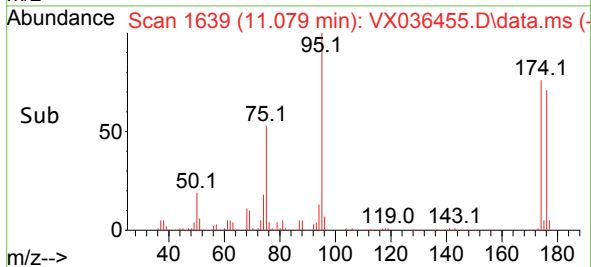
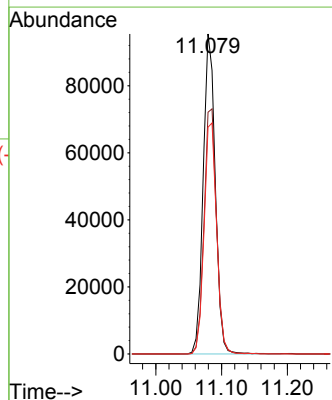
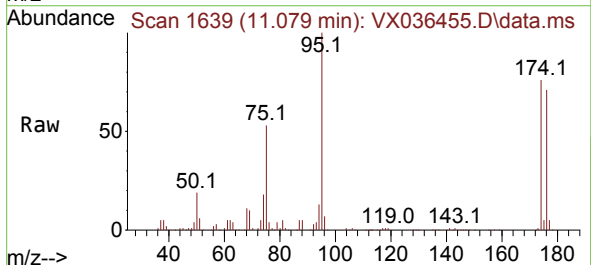
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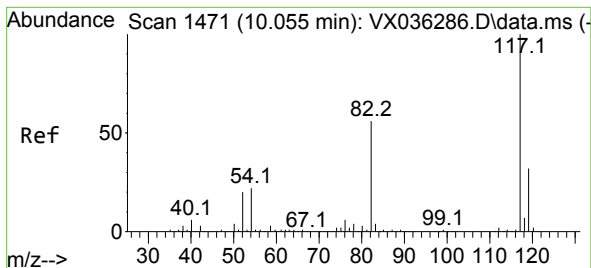
Tgt Ion: 98 Resp: 350164
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.142 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036455.D
Acq: 07 Jul 2023 13:06

Tgt Ion: 95 Resp: 121710
Ion Ratio Lower Upper
95 100
174 79.6 0.0 135.6
176 75.2 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: VX036455.D

Acq: 07 Jul 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

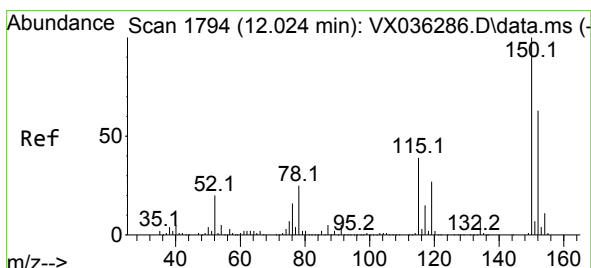
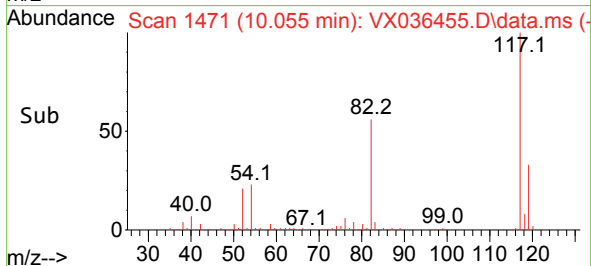
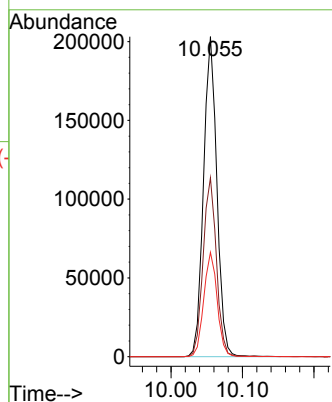
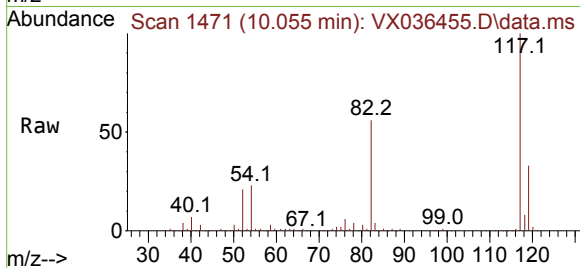
Tgt Ion:117 Resp: 263388

Ion Ratio Lower Upper

117 100

82 55.9 46.2 69.4

119 32.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036455.D

Acq: 07 Jul 2023 13:06

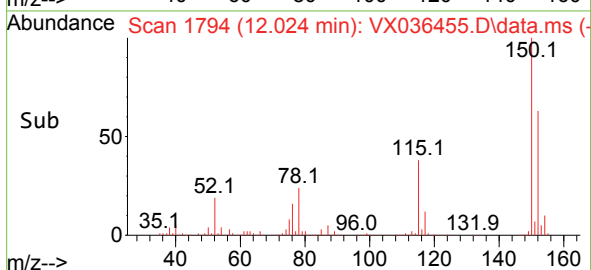
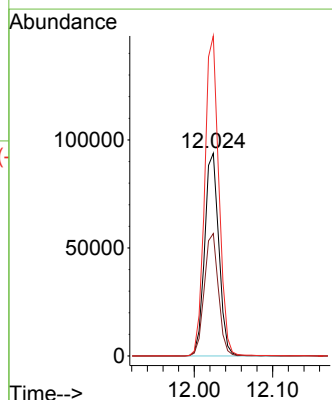
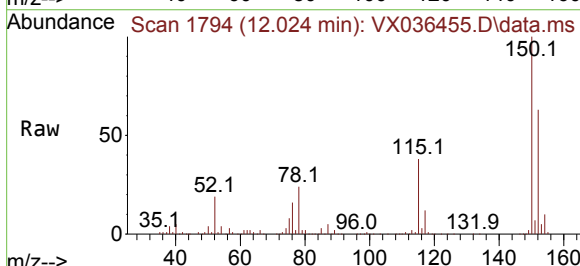
Tgt Ion:152 Resp: 118091

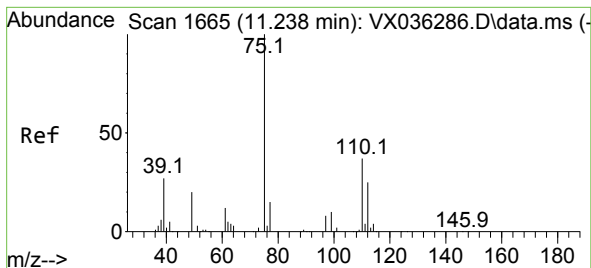
Ion Ratio Lower Upper

152 100

115 60.4 43.3 129.9

150 157.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.826 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036455.D

Acq: 07 Jul 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

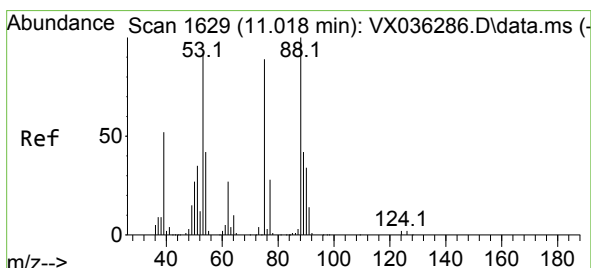
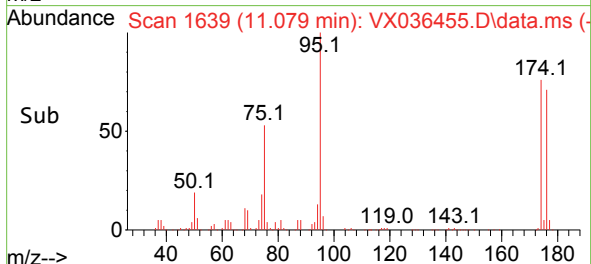
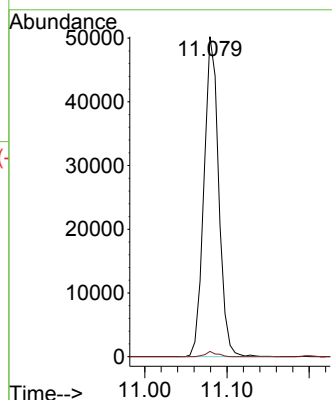
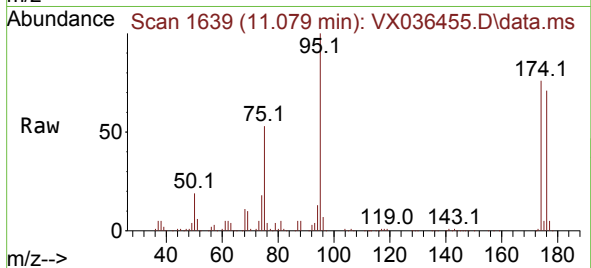
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 62534

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 80.926 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036455.D

Acq: 07 Jul 2023 13:06

Tgt Ion: 75 Resp: 62534

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

