

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101322\
 Data File : VX032106.D
 Acq On : 13 Oct 2022 13:23
 Operator : JC/MD
 Sample : N5073-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Oct 14 07:50:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

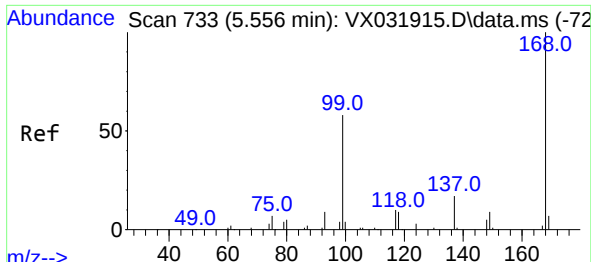
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	85369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126796	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92948	52.720	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.440%
35) Dibromofluoromethane	5.385	113	69534	48.447	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.900%
50) Toluene-d8	8.653	98	255626	49.496	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.000%
62) 4-Bromofluorobenzene	11.079	95	88758	48.613	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.220%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	426	Below Cal	#	76
10) Methyl Iodide	2.459	142	217	2.898	ug/l #	38
11) Tert butyl alcohol	2.946	59	19144	87.275	ug/l #	76
15) Acrylonitrile	2.946	53	341	0.488	ug/l #	17
16) Acetone	2.386	43	1191	1.988	ug/l	89
18) Methyl Acetate	2.587	43	830	0.420	ug/l #	52
19) Methyl tert-butyl Ether	2.946	73	987	0.226	ug/l #	85
20) Methylene Chloride	2.794	84	600	0.381	ug/l #	54
25) 2-Butanone	4.568	43	1501	1.602	ug/l #	49
26) 2,2-Dichloropropane	4.574	77	1186	0.662	ug/l #	54
31) Cyclohexane	5.544	56	2102	0.998	ug/l #	2
36) 1,1-Dichloropropene	5.556	75	7823	4.110	ug/l #	50
37) Ethyl Acetate	4.568	43	1501	0.838	ug/l #	63
38) Carbon Tetrachloride	5.550	117	9653	4.960	ug/l #	18
76) 1,2,3-Trichloropropane	11.079	75	50701	31.900	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	50701	108.654	ug/l #	11

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

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Response via : Initial Calibration

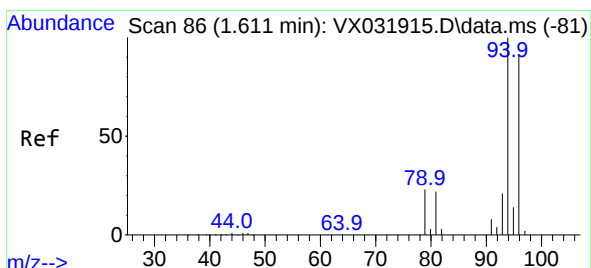
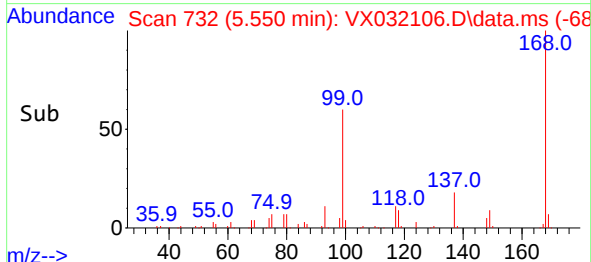
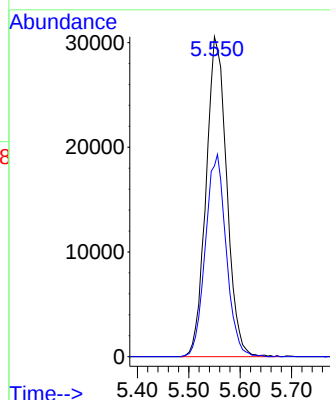
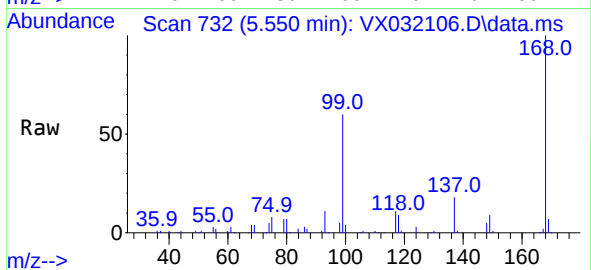




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032106.D
Acq: 13 Oct 2022 13:23

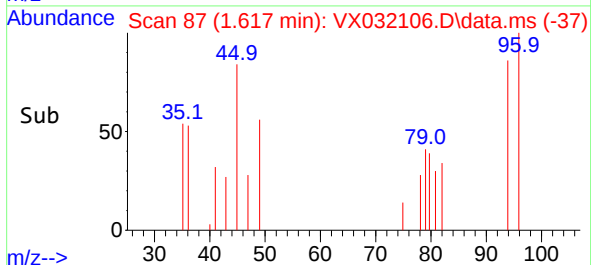
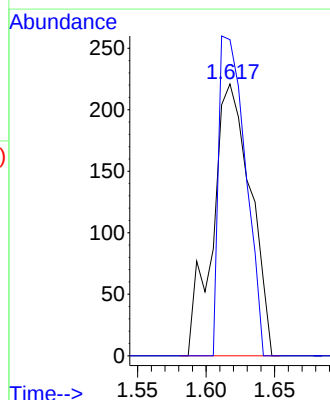
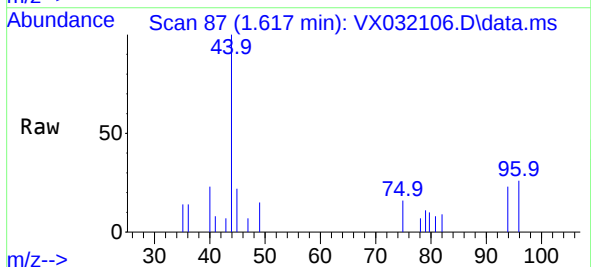
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

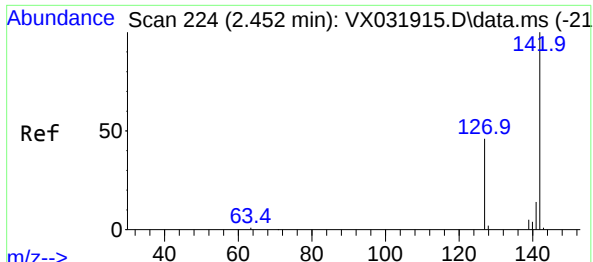
Tgt Ion:168 Resp: 85369
Ion Ratio Lower Upper
168 100
99 59.6 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX032106.D
Acq: 13 Oct 2022 13:23

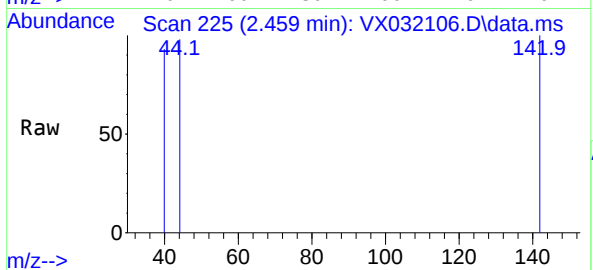
Tgt Ion: 94 Resp: 426
Ion Ratio Lower Upper
94 100
96 116.3 74.4 111.6#



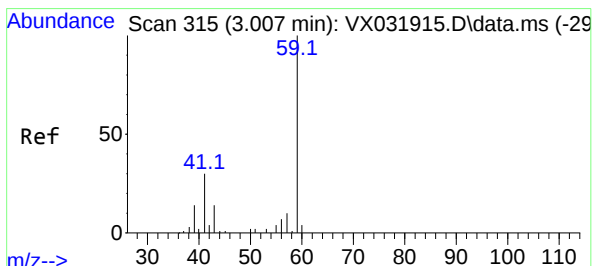
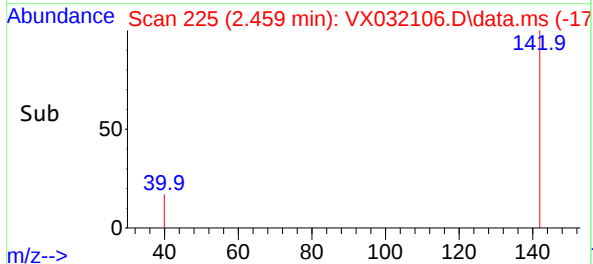
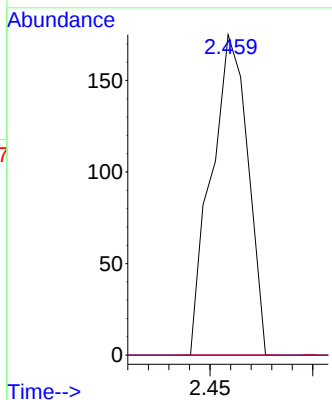


#10
Methyl Iodide
Concen: 2.898 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX032106.D
Acq: 13 Oct 2022 13:23

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

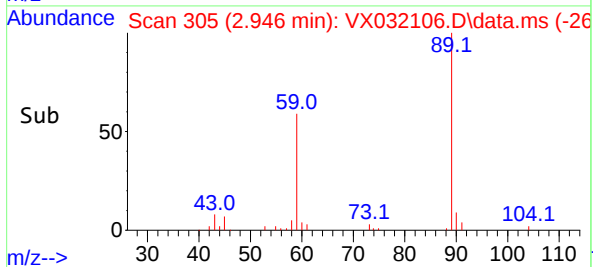
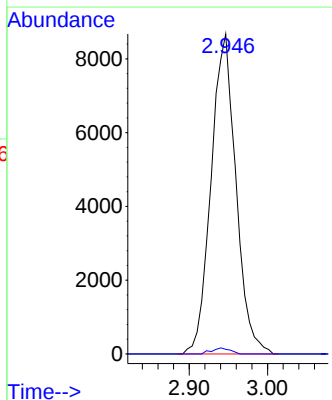
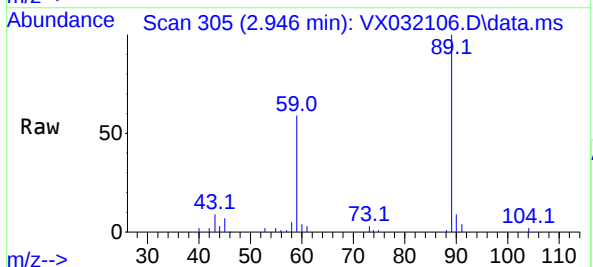


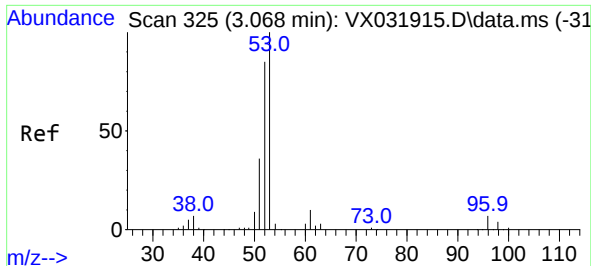
Tgt Ion:142 Resp: 217
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 87.275 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX032106.D
Acq: 13 Oct 2022 13:23

Tgt Ion: 59 Resp: 19144
Ion Ratio Lower Upper
59 100
57 1.4 8.2 12.2#

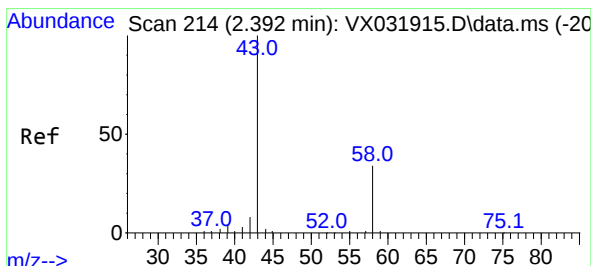
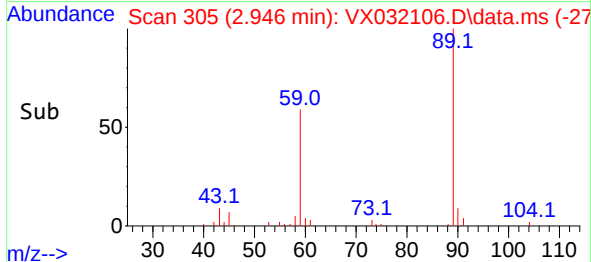
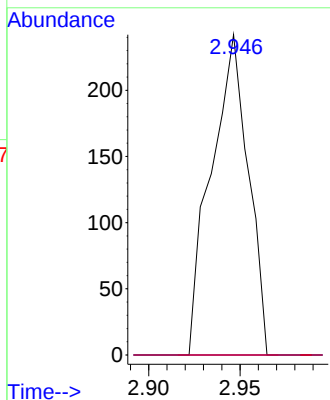
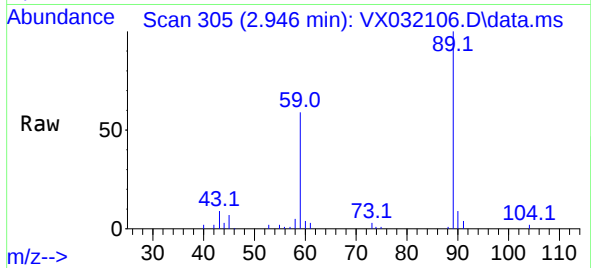




#15
Acrylonitrile
Concen: 0.488 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.122 min
Lab File: VX032106.D
Acq: 13 Oct 2022 13:23

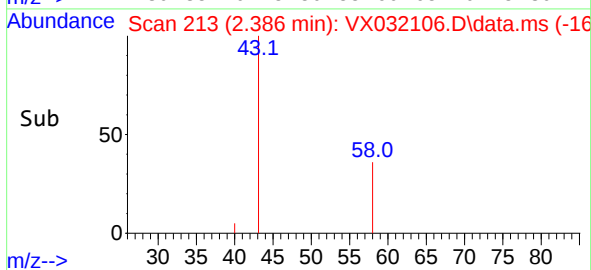
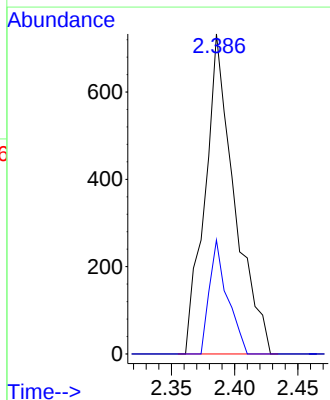
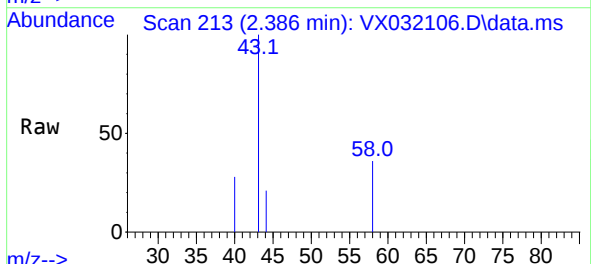
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

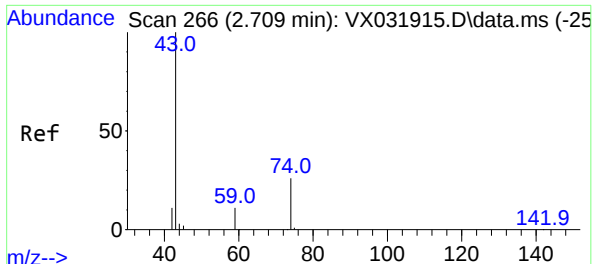
Tgt Ion: 53 Resp: 341
Ion Ratio Lower Upper
53 100
52 0.0 66.9 100.3#
51 0.0 30.0 45.0#



#16
Acetone
Concen: 1.988 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX032106.D
Acq: 13 Oct 2022 13:23

Tgt Ion: 43 Resp: 1191
Ion Ratio Lower Upper
43 100
58 35.6 23.8 35.8





#18

Methyl Acetate

Concen: 0.420 ug/l

RT: 2.587 min Scan# 246

Delta R.T. -0.122 min

Lab File: VX032106.D

Acq: 13 Oct 2022 13:23

Instrument :

MSVOA_X

ClientSampleId :

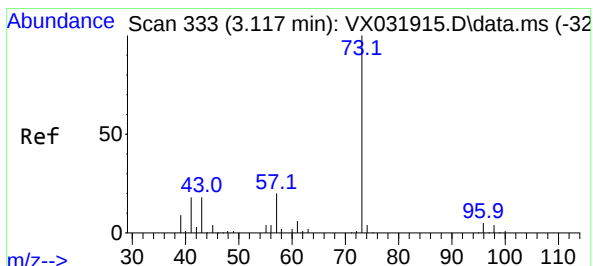
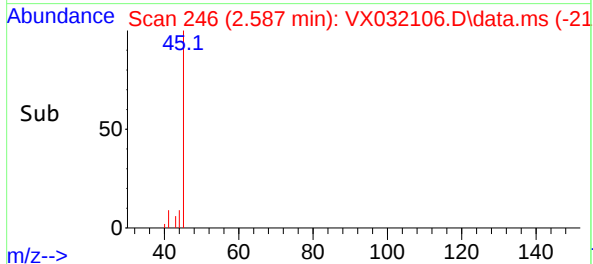
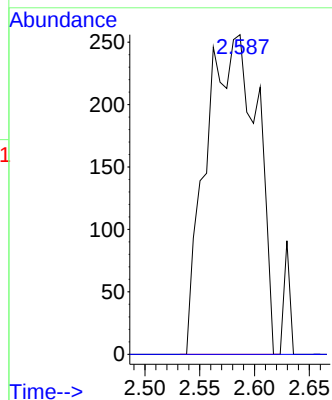
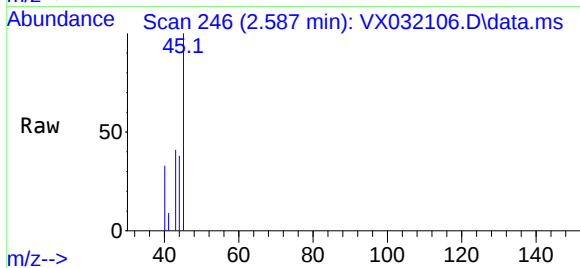
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 43 Resp: 830

Ion Ratio Lower Upper

43 100

74 0.0 18.6 27.8#



#19

Methyl tert-butyl Ether

Concen: 0.226 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.171 min

Lab File: VX032106.D

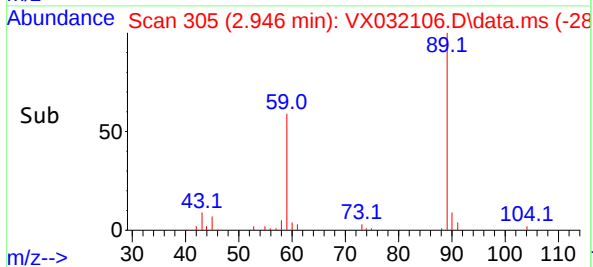
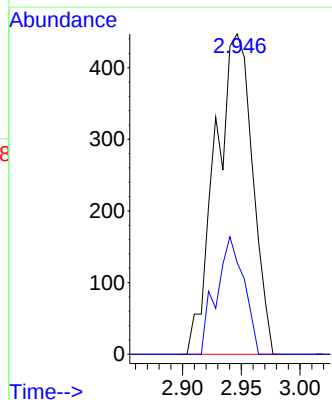
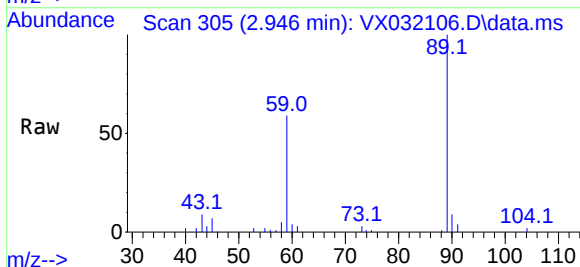
Acq: 13 Oct 2022 13:23

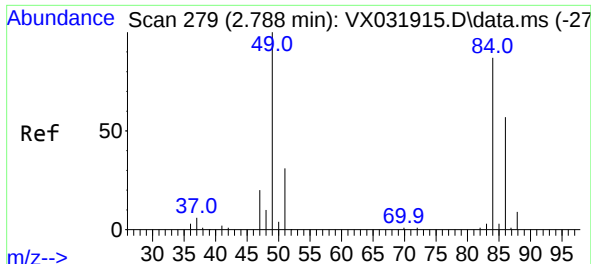
Tgt Ion: 73 Resp: 987

Ion Ratio Lower Upper

73 100

57 28.6 17.2 25.8#





#20

Methylene Chloride

Concen: 0.381 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX032106.D

Acq: 13 Oct 2022 13:23

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 84 Resp: 600

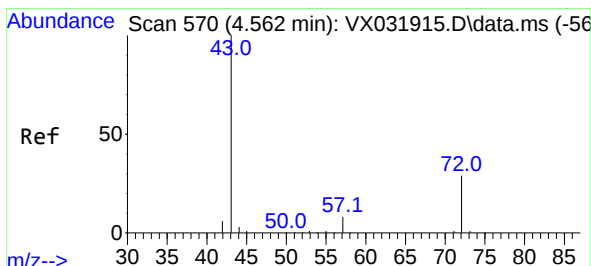
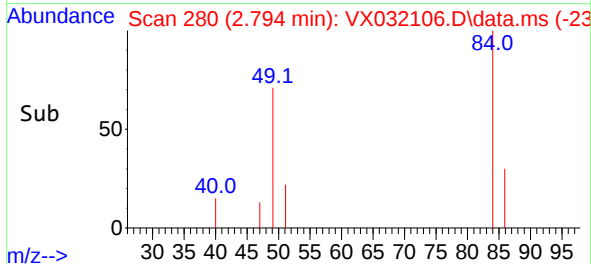
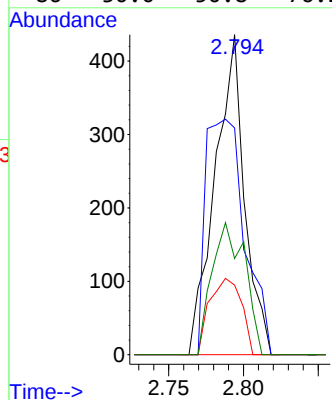
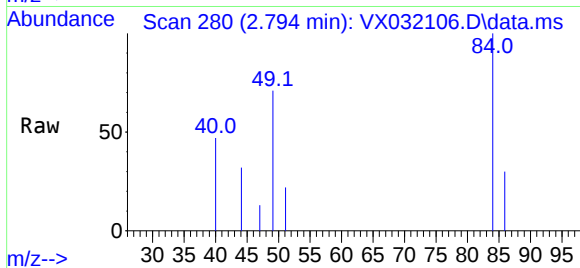
Ion Ratio Lower Upper

84 100

49 70.9 105.9 158.9#

51 21.8 32.2 48.2#

86 30.0 50.8 76.2#



#25

2-Butanone

Concen: 1.602 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX032106.D

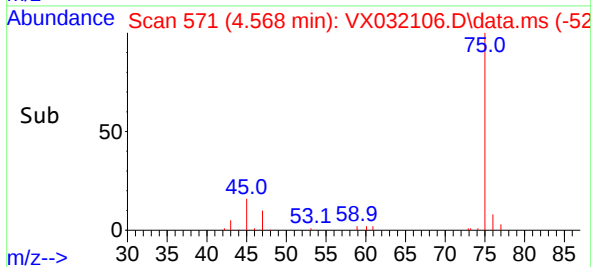
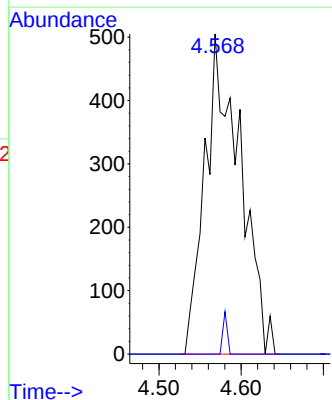
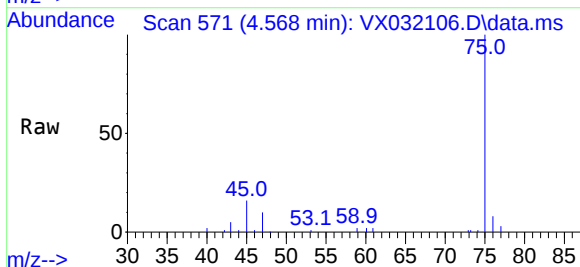
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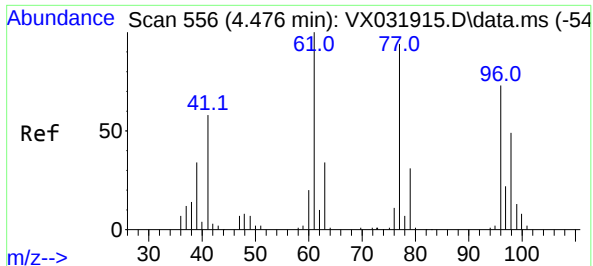
Tgt Ion: 43 Resp: 1501

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#





#26

2,2-Dichloropropane

Concen: 0.662 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.098 min

Lab File: VX032106.D

Acq: 13 Oct 2022 13:23

Instrument :

MSVOA_X

ClientSampleId :

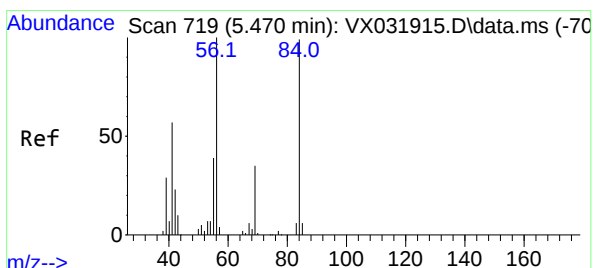
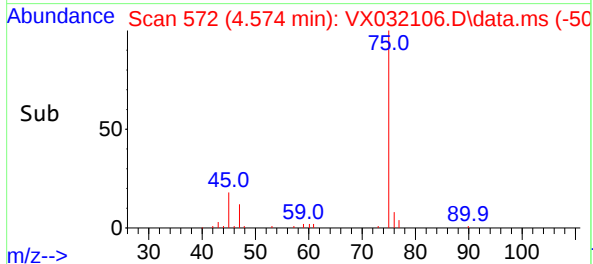
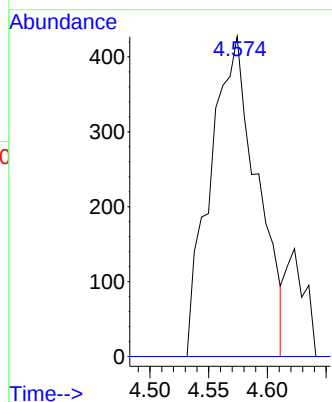
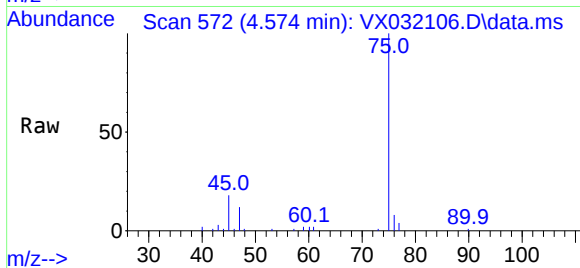
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 77 Resp: 1186

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.6#



#31

Cyclohexane

Concen: 0.998 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.074 min

Lab File: VX032106.D

Acq: 13 Oct 2022 13:23

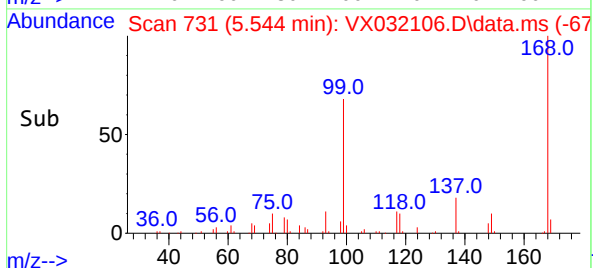
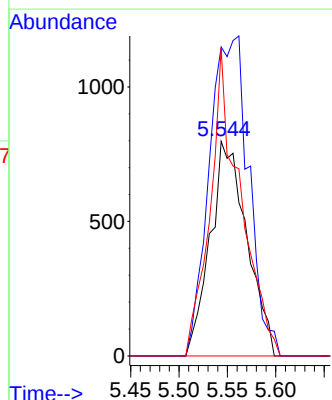
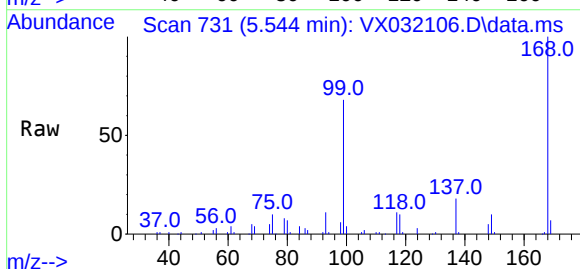
Tgt Ion: 56 Resp: 2102

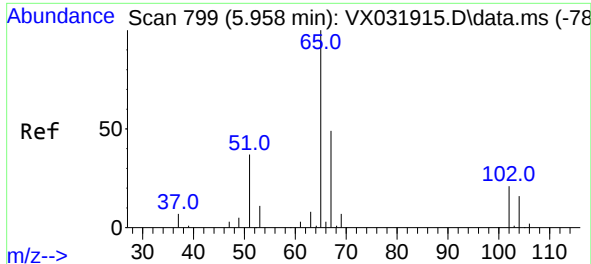
Ion Ratio Lower Upper

56 100

69 144.0 25.1 37.7#

84 143.4 70.2 105.4#

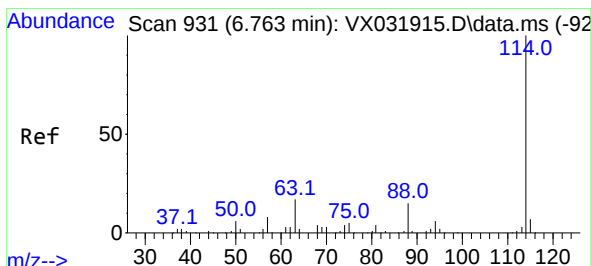
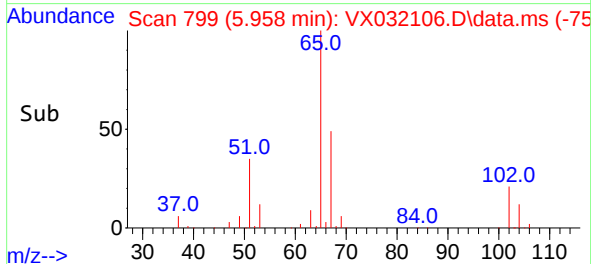
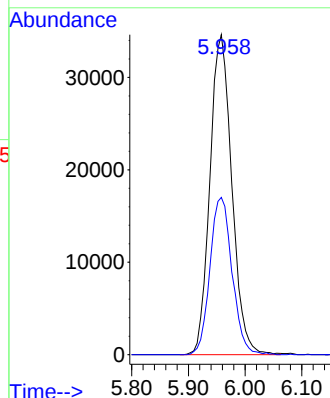
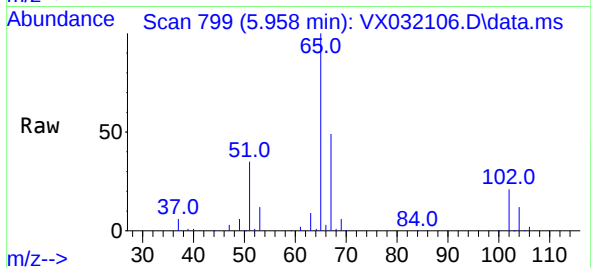




#33
1,2-Dichloroethane-d4
Concen: 52.720 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032106.D
Acq: 13 Oct 2022 13:23

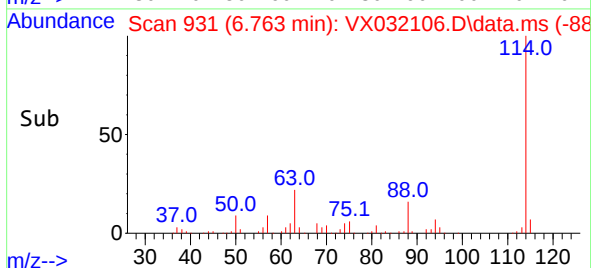
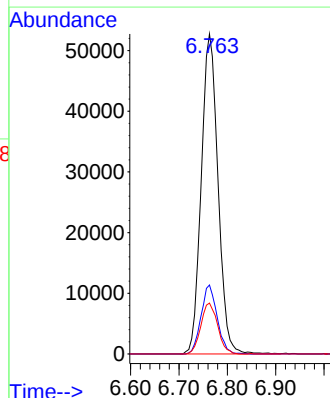
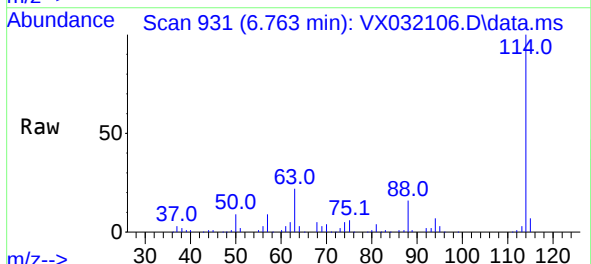
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

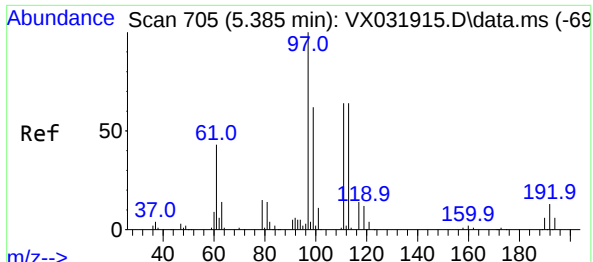
Tgt Ion: 65 Resp: 92948
Ion Ratio Lower Upper
65 100
67 49.6 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX032106.D
Acq: 13 Oct 2022 13:23

Tgt Ion: 114 Resp: 126796
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.6
88 15.9 0.0 33.0

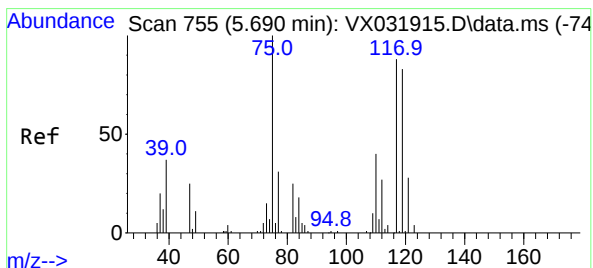
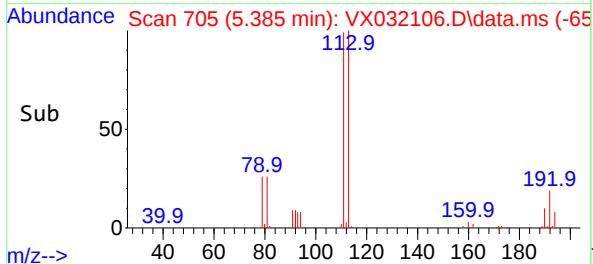
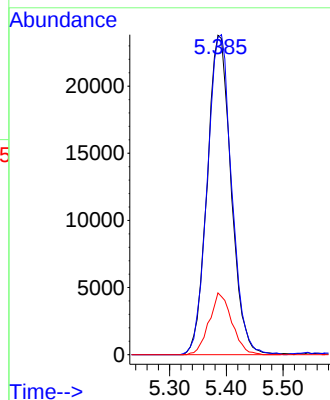
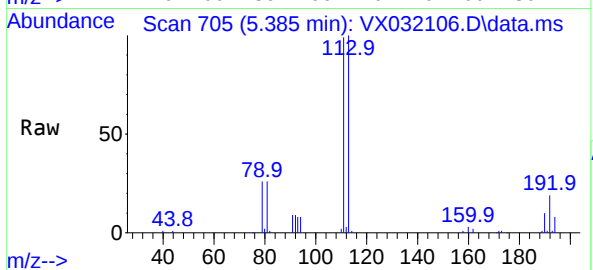




#35
Dibromofluoromethane
Concen: 48.447 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032106.D
Acq: 13 Oct 2022 13:23

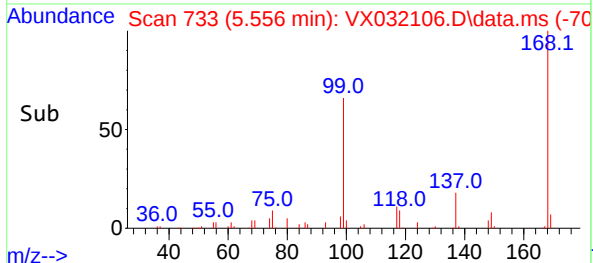
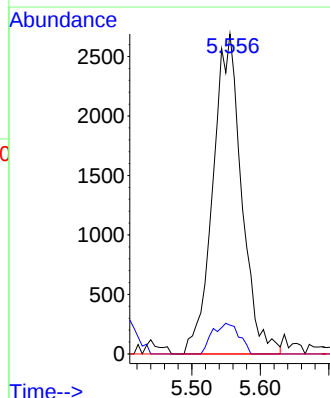
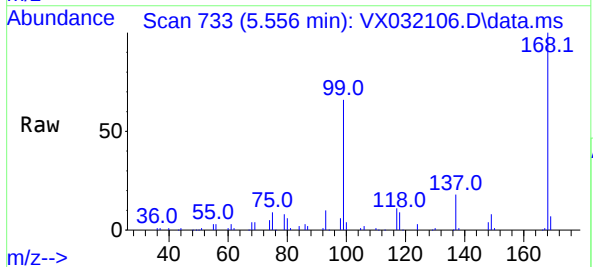
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

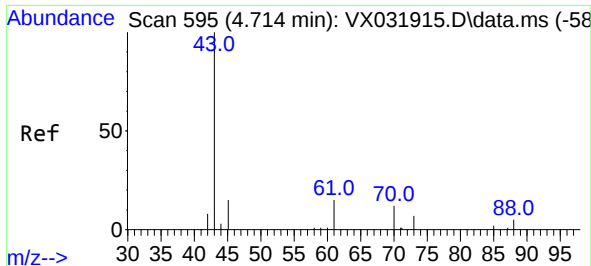
Tgt Ion:113 Resp: 69534
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 18.3 14.1 21.1



#36
1,1-Dichloropropene
Concen: 4.110 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX032106.D
Acq: 13 Oct 2022 13:23

Tgt Ion: 75 Resp: 7823
Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.5#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 0.838 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.146 min

Lab File: VX032106.D

Acq: 13 Oct 2022 13:23

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

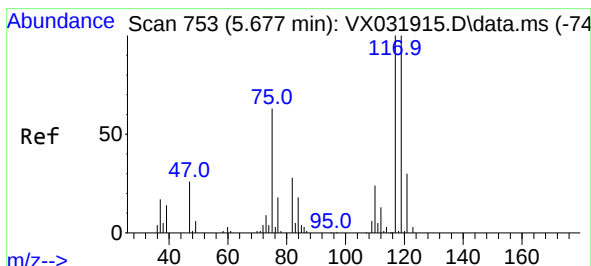
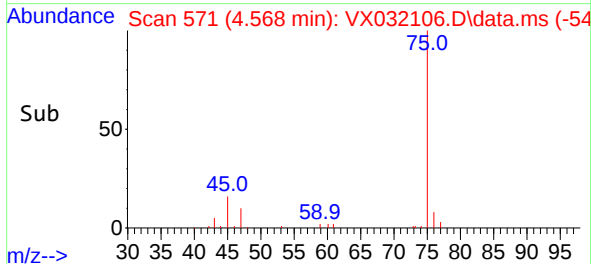
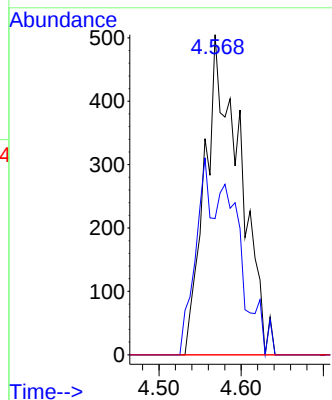
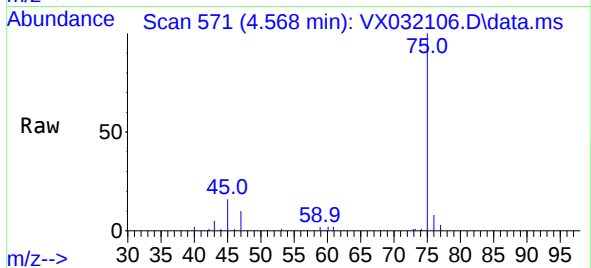
Tgt Ion: 43 Resp: 1501

Ion Ratio Lower Upper

43 100

61 31.3 11.1 16.7#

70 0.0 8.6 13.0#



#38

Carbon Tetrachloride

Concen: 4.960 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.127 min

Lab File: VX032106.D

Acq: 13 Oct 2022 13:23

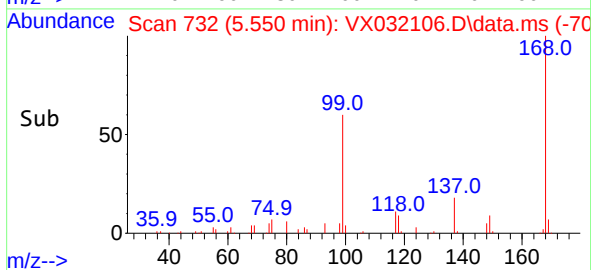
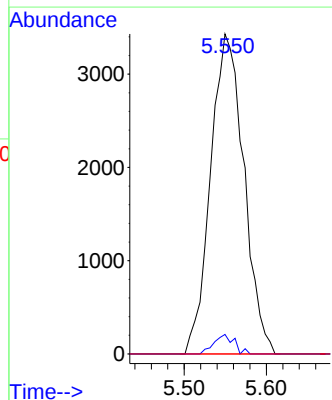
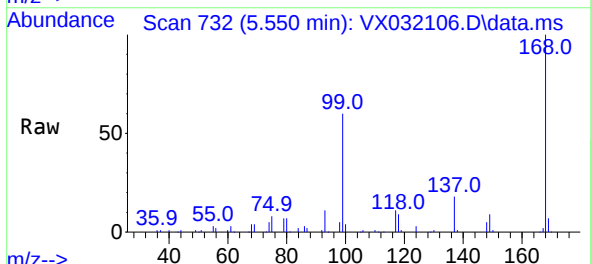
Tgt Ion: 117 Resp: 9653

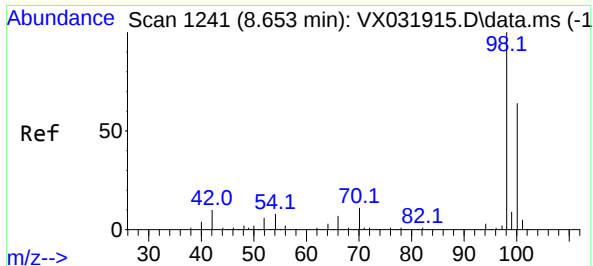
Ion Ratio Lower Upper

117 100

119 6.1 74.6 112.0#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 49.496 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX032106.D

Acq: 13 Oct 2022 13:23

Instrument :

MSVOA_X

ClientSampleId :

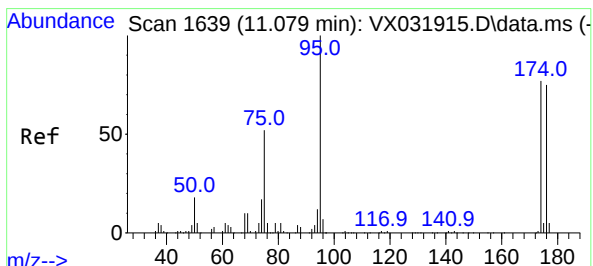
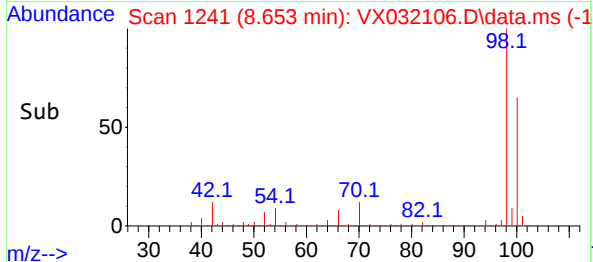
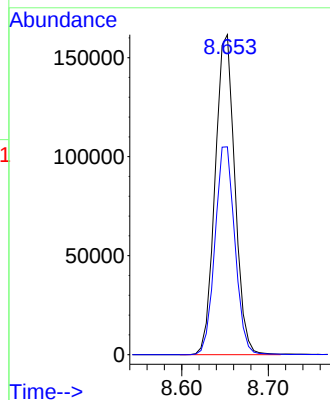
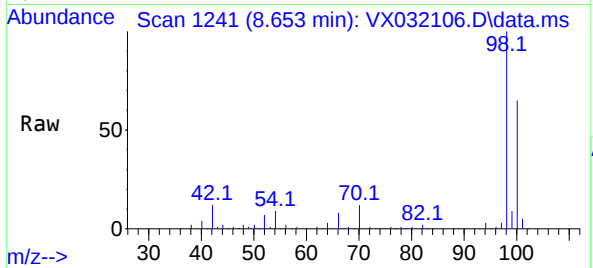
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 255626

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 48.613 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032106.D

Acq: 13 Oct 2022 13:23

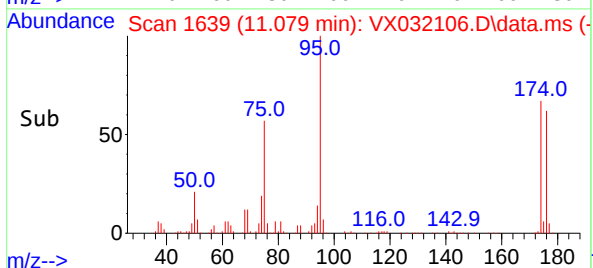
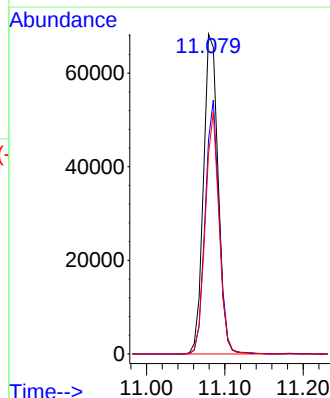
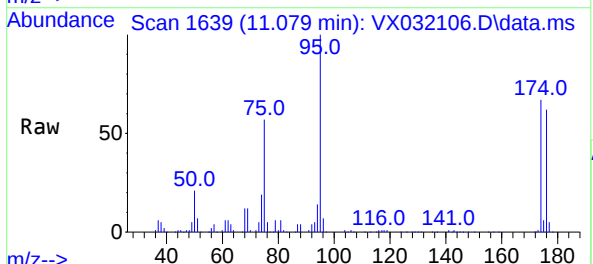
Tgt Ion: 95 Resp: 88758

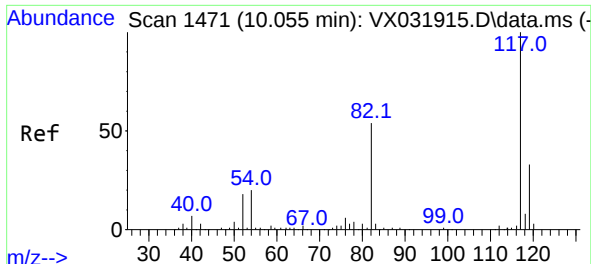
Ion Ratio Lower Upper

95 100

174 75.8 0.0 153.2

176 71.6 0.0 144.0

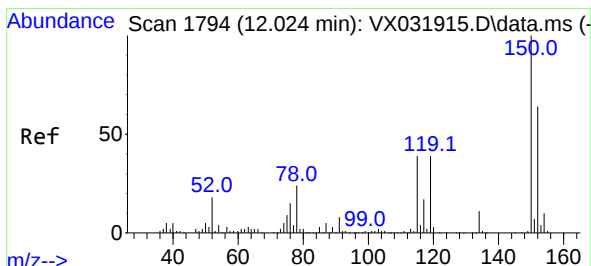
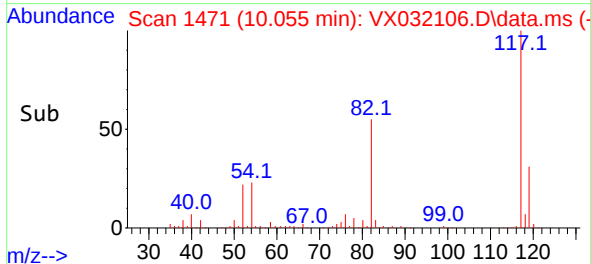
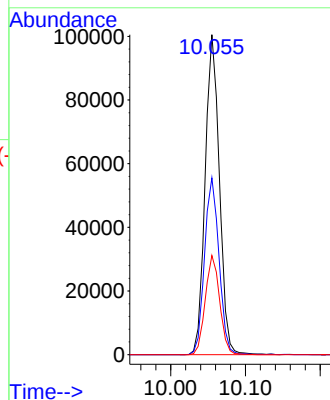
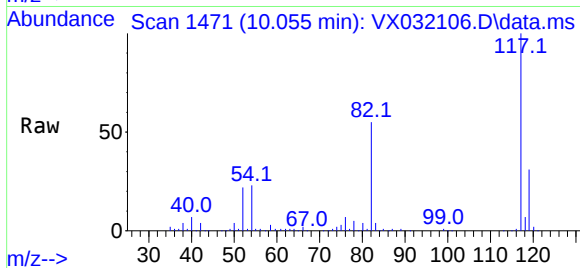




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032106.D
Acq: 13 Oct 2022 13:23

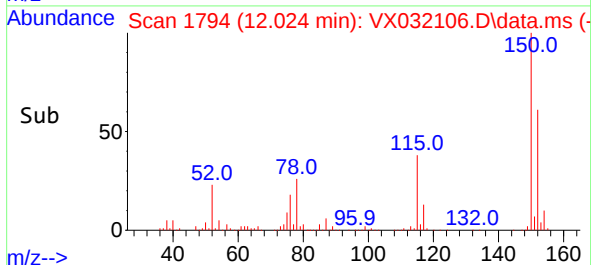
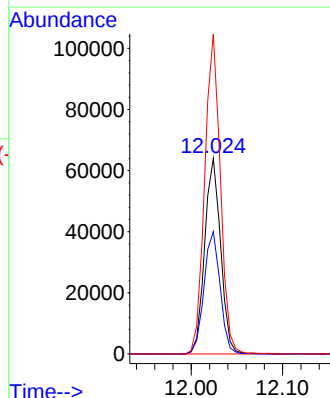
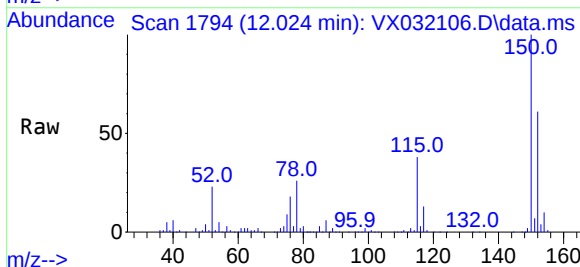
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

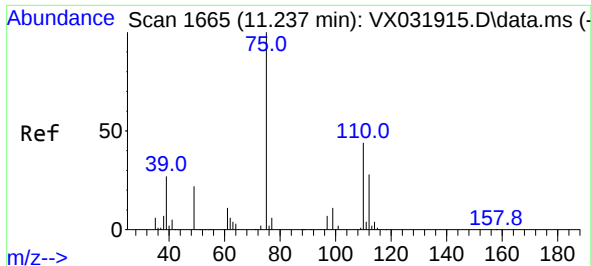
Tgt Ion:117 Resp: 133153
Ion Ratio Lower Upper
117 100
82 55.2 46.8 70.2
119 31.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032106.D
Acq: 13 Oct 2022 13:23

Tgt Ion:152 Resp: 77550
Ion Ratio Lower Upper
152 100
115 63.0 43.4 130.1
150 160.7 0.0 346.8

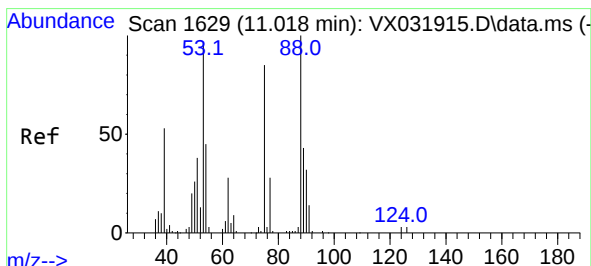
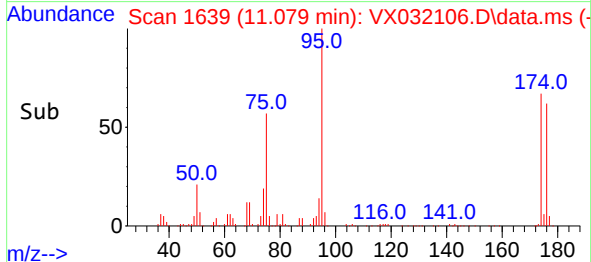
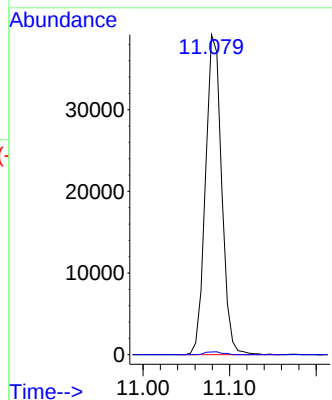
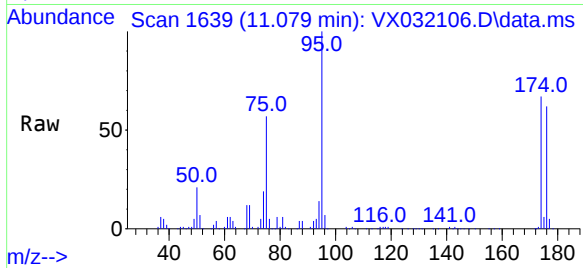




#76
1,2,3-Trichloropropane
Concen: 31.900 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032106.D
Acq: 13 Oct 2022 13:23

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

Tgt Ion: 75 Resp: 50701
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.654 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032106.D
Acq: 13 Oct 2022 13:23

Tgt Ion: 75 Resp: 50701
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

