

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022322\
 Data File : VX027147.D
 Acq On : 23 Feb 2022 15:48
 Operator : JC/MD
 Sample : N1616-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Feb 24 03:31:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

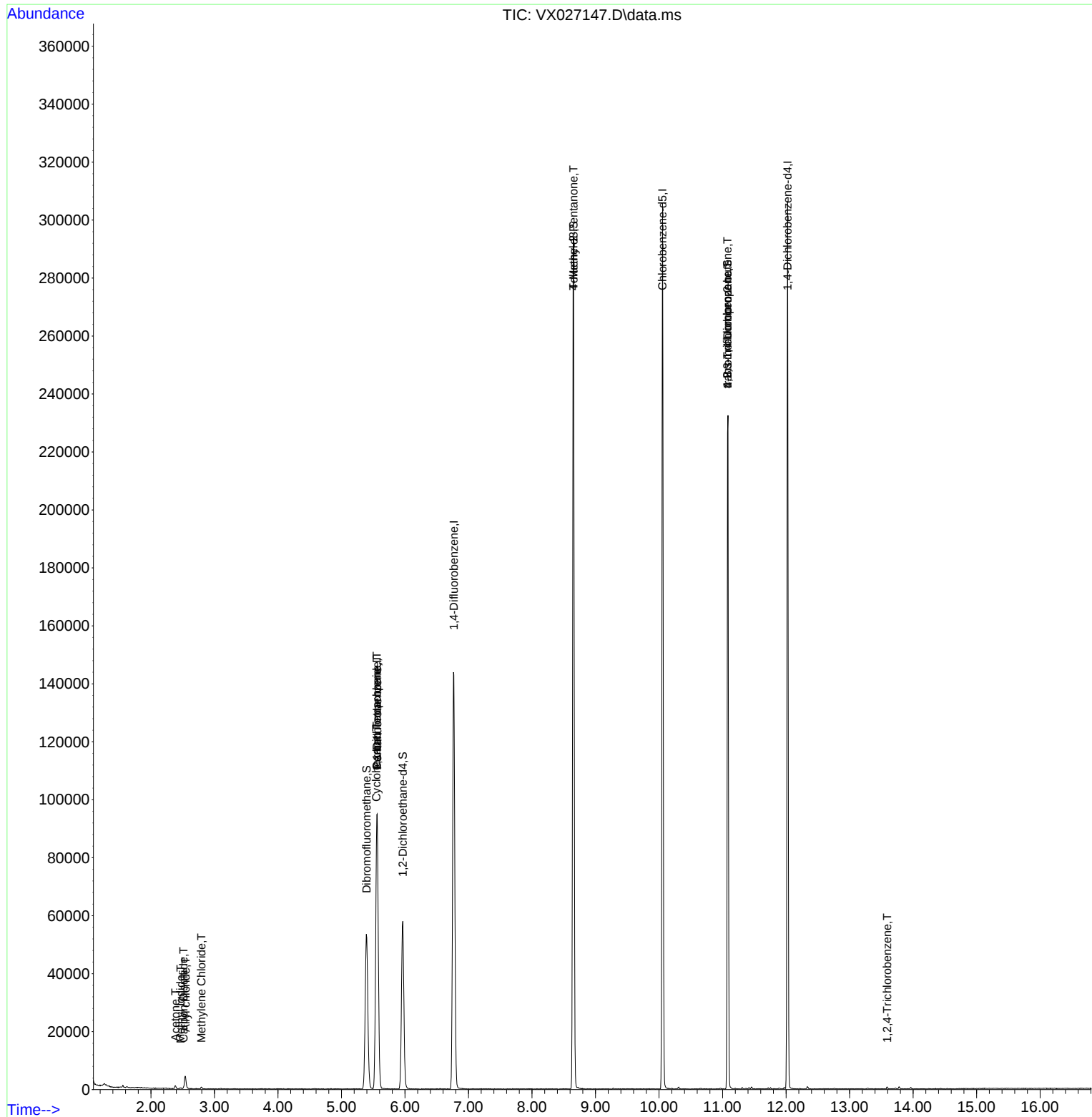
Internal Standards						
1) Pentafluorobenzene	5.562	168	93508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	155333	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55190	49.144	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.280%		
35) Dibromofluoromethane	5.397	113	47578	49.346	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.700%		
50) Toluene-d8	8.653	98	178293	49.455	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.900%		
62) 4-Bromofluorobenzene	11.079	95	65311	47.195	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.400%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	229	Below Cal	#	57
10) Methyl Iodide	2.465	142	390	0.310	ug/l #	92
14) Allyl chloride	2.544	41	425	0.265	ug/l #	59
16) Acetone	2.386	43	1117	2.265	ug/l	94
17) Carbon Disulfide	2.514	76	727	0.307	ug/l #	74
20) Methylene Chloride	2.794	84	282	0.276	ug/l #	92
31) Cyclohexane	5.550	56	1716	1.020	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6765	4.808	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9290	6.330	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	715	0.463	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31939	25.194	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	31939	71.316	ug/l #	3
93) 1,2,4-Trichlorobenzene	13.591	180	304	0.234	ug/l #	74

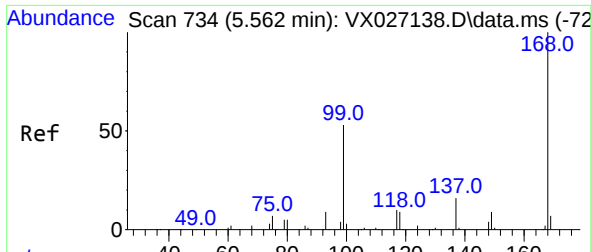
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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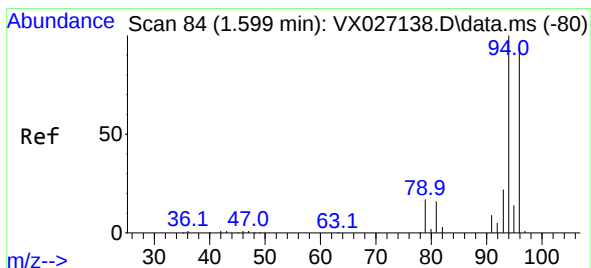
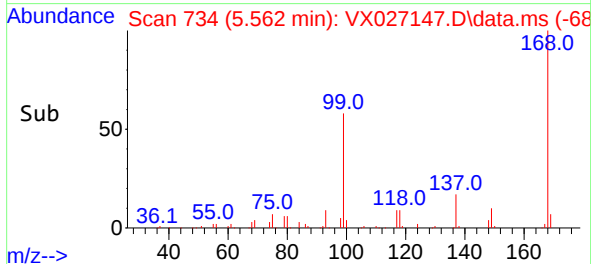
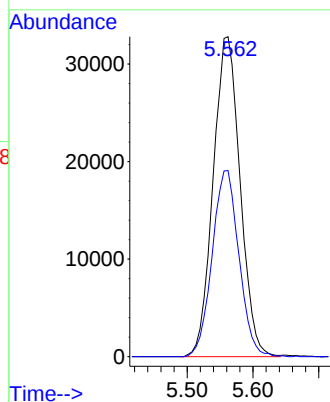
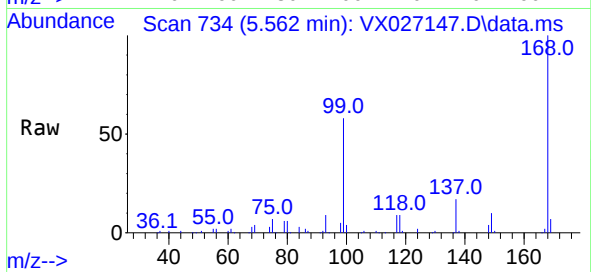




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027147.D
Acq: 23 Feb 2022 15:48

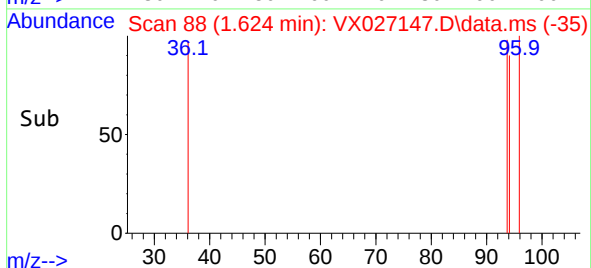
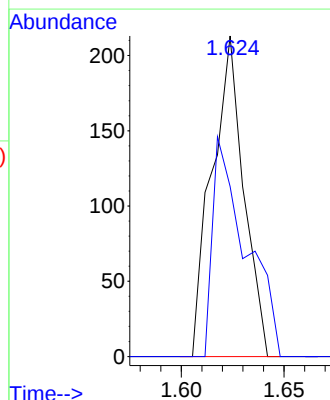
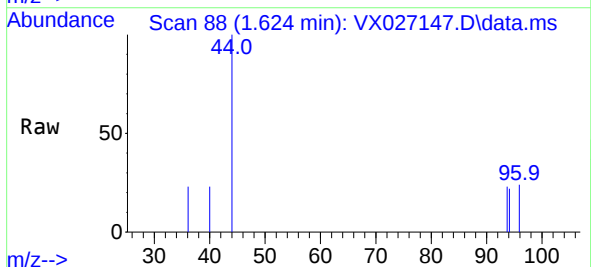
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

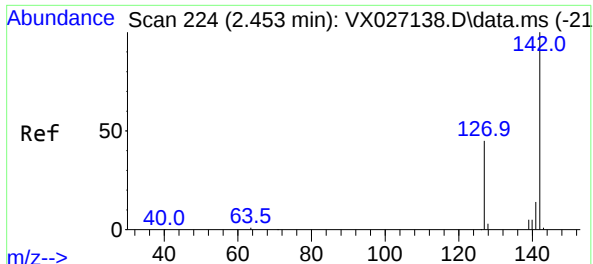
Tgt Ion:168 Resp: 93508
Ion Ratio Lower Upper
168 100
99 58.1 50.3 75.5



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX027147.D
Acq: 23 Feb 2022 15:48

Tgt Ion: 94 Resp: 229
Ion Ratio Lower Upper
94 100
96 53.1 75.9 113.9#

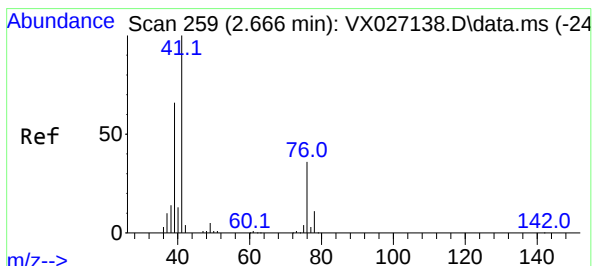
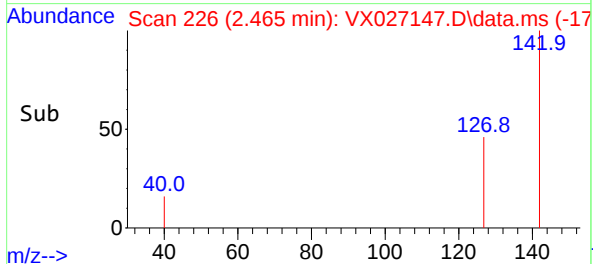
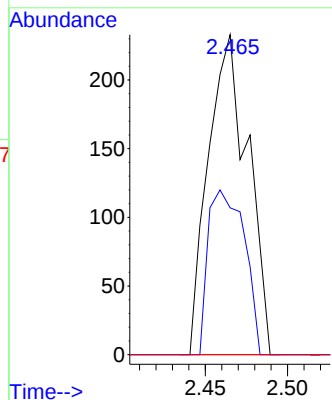
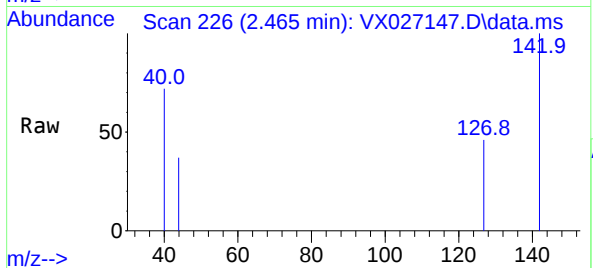




#10
Methyl Iodide
Concen: 0.310 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX027147.D
Acq: 23 Feb 2022 15:48

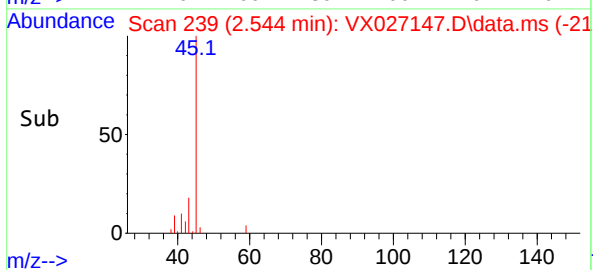
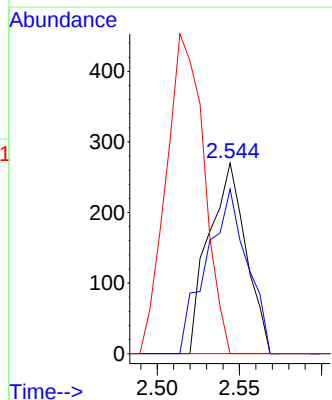
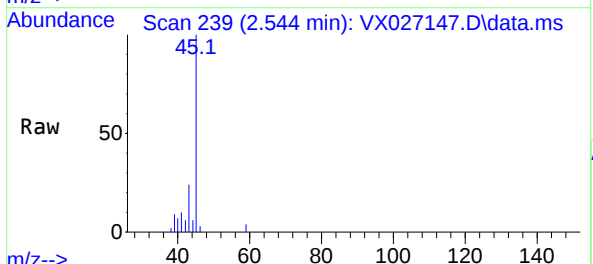
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

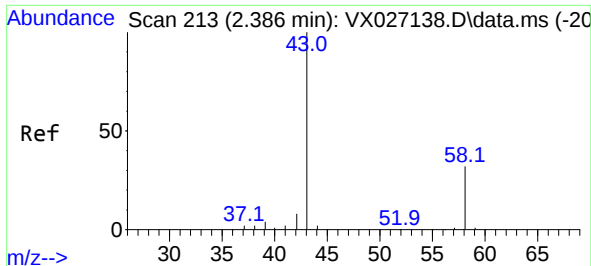
Tgt Ion:142 Resp: 390
Ion Ratio Lower Upper
142 100
127 47.2 38.1 57.1
141 0.0 11.2 16.8#



#14
Allyl chloride
Concen: 0.265 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.122 min
Lab File: VX027147.D
Acq: 23 Feb 2022 15:48

Tgt Ion: 41 Resp: 425
Ion Ratio Lower Upper
41 100
39 94.6 54.2 81.4#
76 0.0 25.2 37.8#

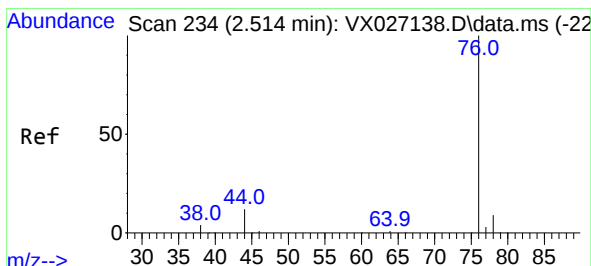
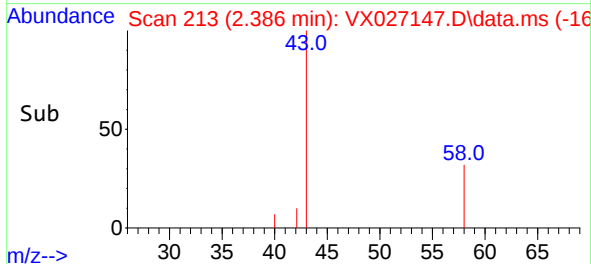
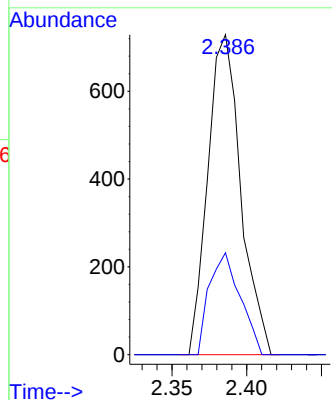
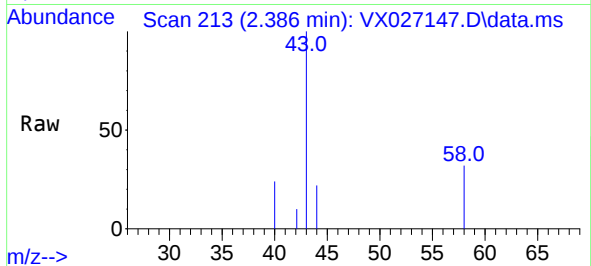




#16
Acetone
Concen: 2.265 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027147.D
Acq: 23 Feb 2022 15:48

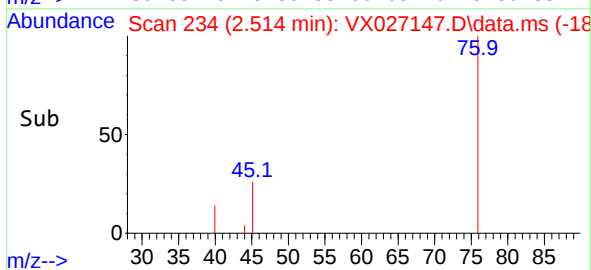
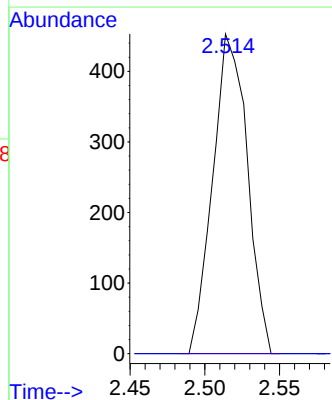
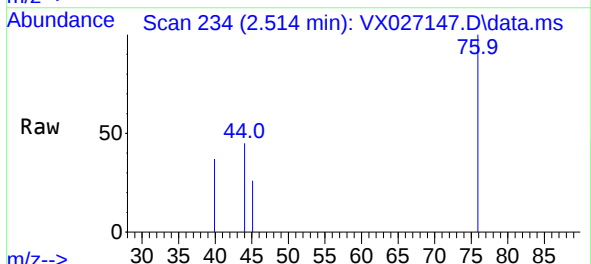
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

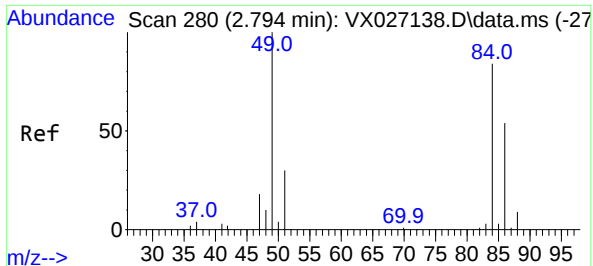
Tgt Ion: 43 Resp: 1117
Ion Ratio Lower Upper
43 100
58 31.8 23.0 34.6



#17
Carbon Disulfide
Concen: 0.307 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX027147.D
Acq: 23 Feb 2022 15:48

Tgt Ion: 76 Resp: 727
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



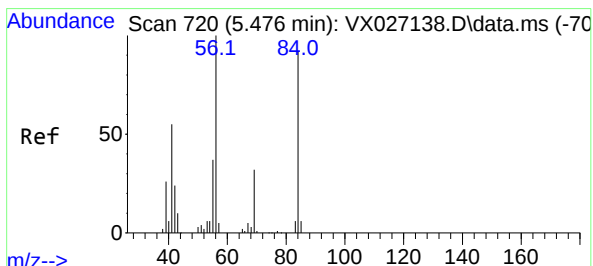
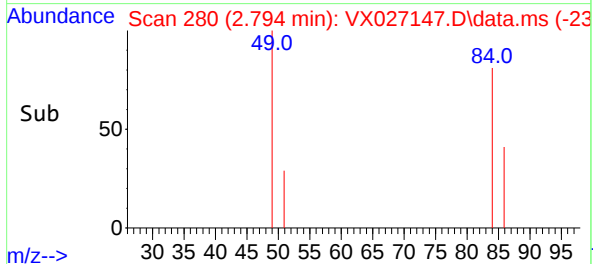
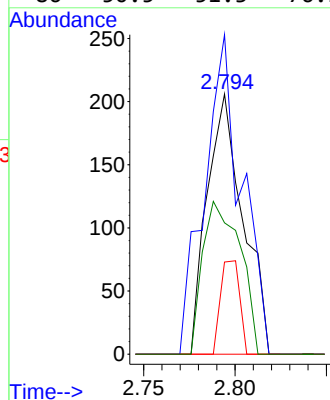
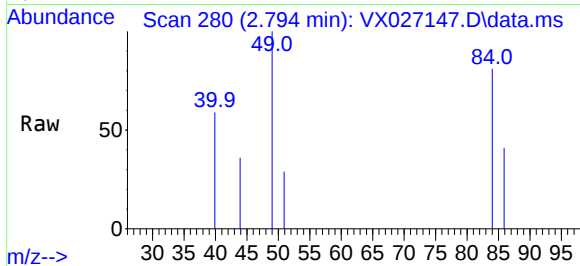


#20
Methylene Chloride
Concen: 0.276 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027147.D
Acq: 23 Feb 2022 15:48

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

Tgt Ion: 84 Resp: 282

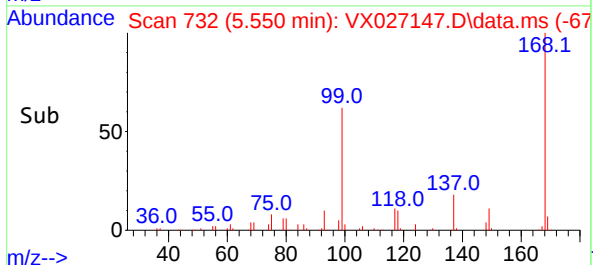
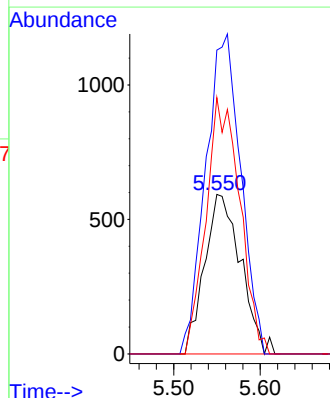
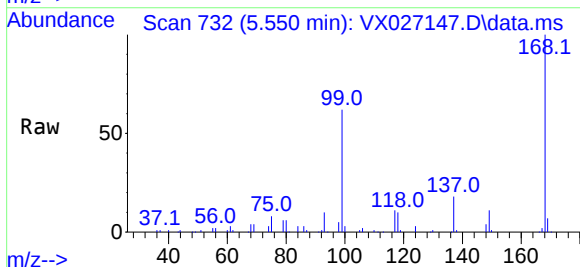
Ion	Ratio	Lower	Upper
84	100		
49	122.8	101.5	152.3
51	35.4	31.2	46.8
86	50.5	51.3	76.9#

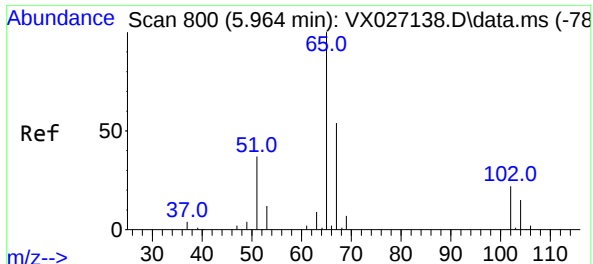


#31
Cyclohexane
Concen: 1.020 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.074 min
Lab File: VX027147.D
Acq: 23 Feb 2022 15:48

Tgt Ion: 56 Resp: 1716

Ion	Ratio	Lower	Upper
56	100		
69	190.6	25.8	38.6#
84	160.7	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 49.144 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027147.D

Acq: 23 Feb 2022 15:48

Instrument :

MSVOA_X

ClientSampleId :

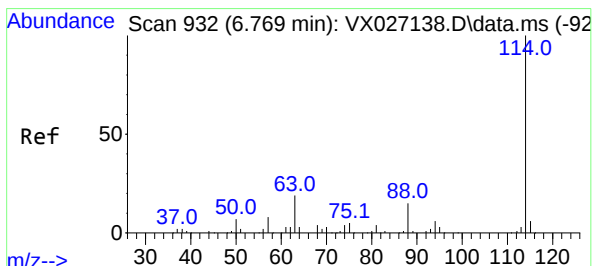
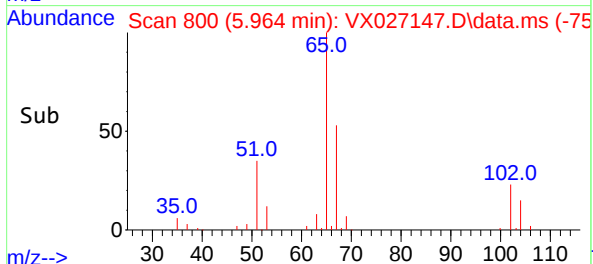
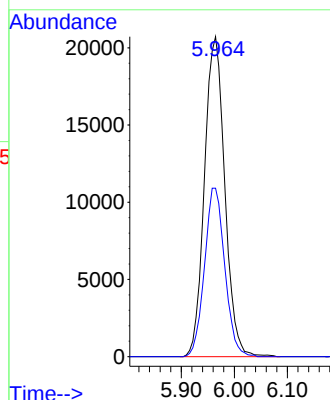
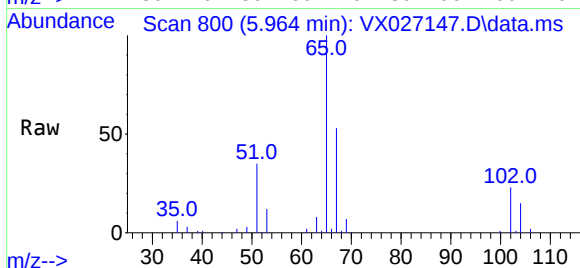
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 55190

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027147.D

Acq: 23 Feb 2022 15:48

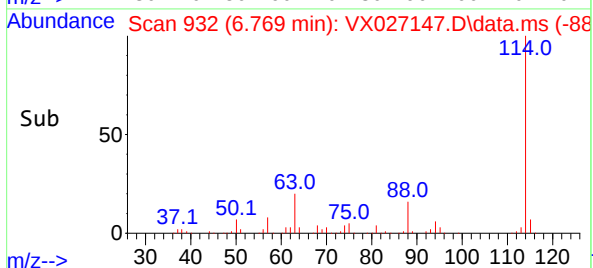
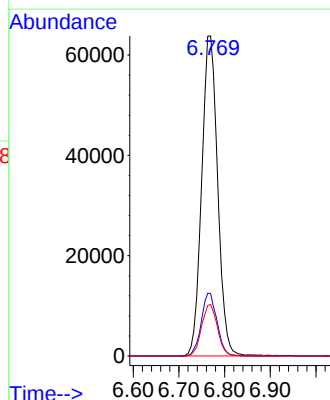
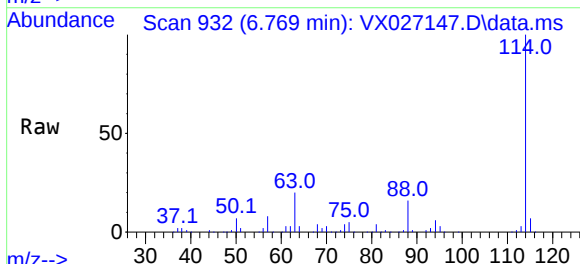
Tgt Ion: 114 Resp: 155333

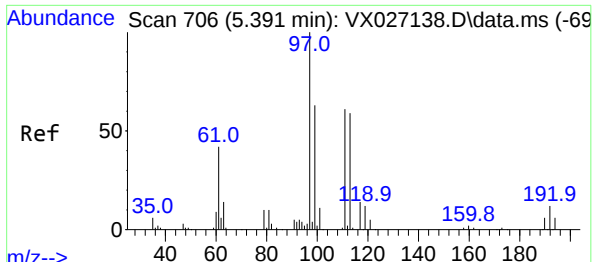
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.8

88 16.1 0.0 33.0

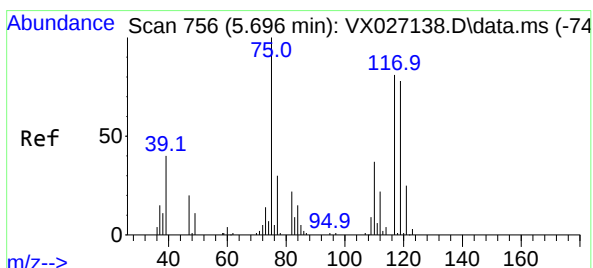
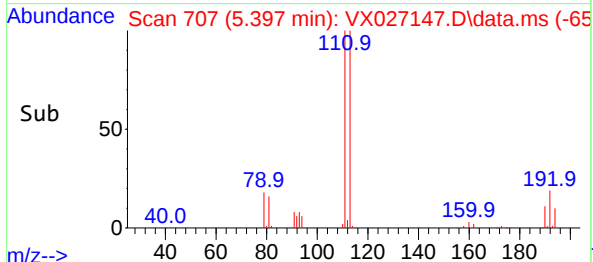
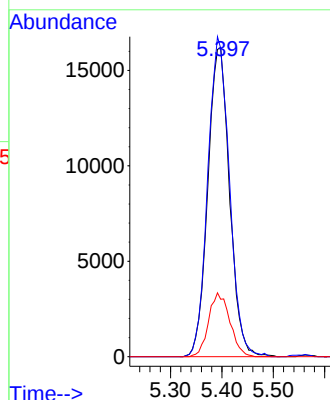
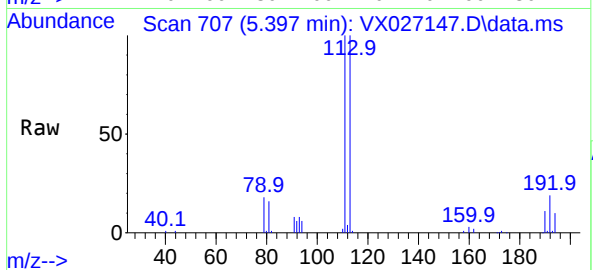




#35
Dibromofluoromethane
Concen: 49.346 ug/l
RT: 5.397 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX027147.D
Acq: 23 Feb 2022 15:48

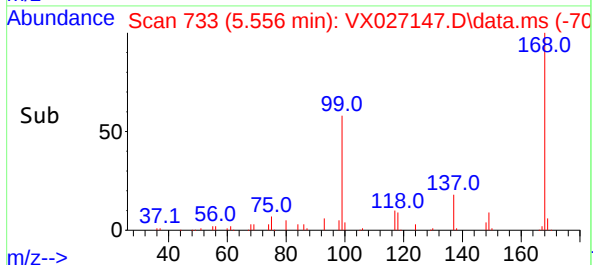
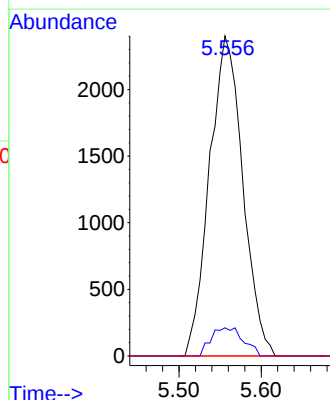
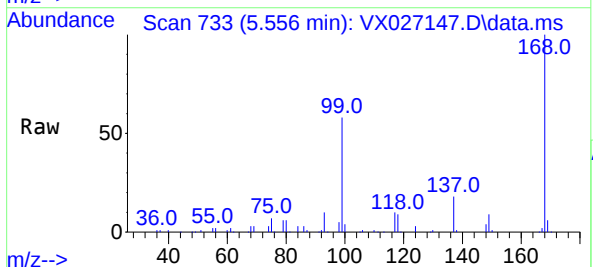
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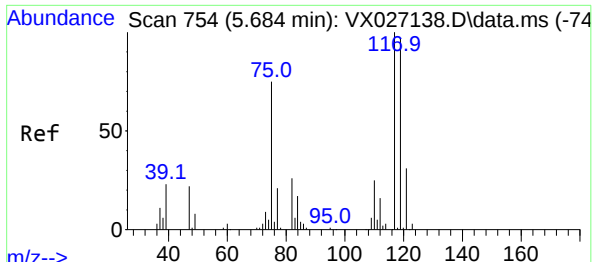
Tgt Ion:113 Resp: 47578
Ion Ratio Lower Upper
113 100
111 103.0 81.2 121.8
192 20.1 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.808 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027147.D
Acq: 23 Feb 2022 15:48

Tgt Ion: 75 Resp: 6765
Ion Ratio Lower Upper
75 100
110 8.5 17.2 51.6#
77 0.0 24.6 36.8#

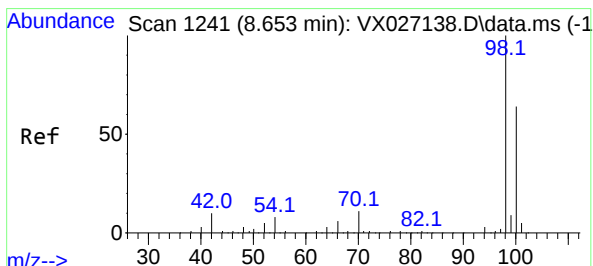
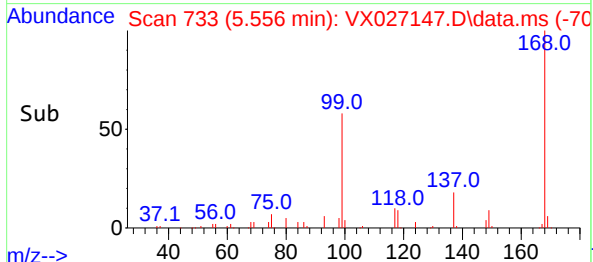
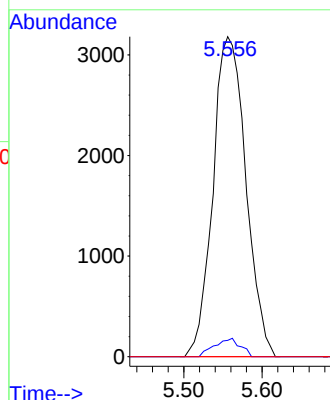
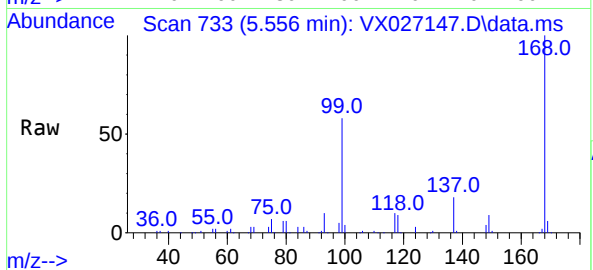




#38
Carbon Tetrachloride
Concen: 6.330 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027147.D
Acq: 23 Feb 2022 15:48

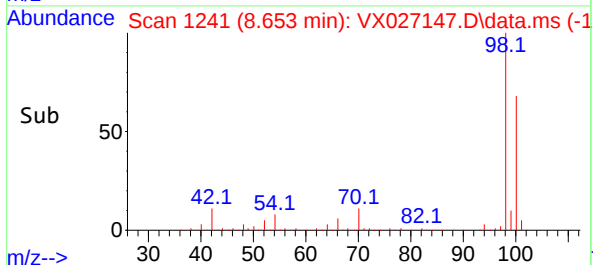
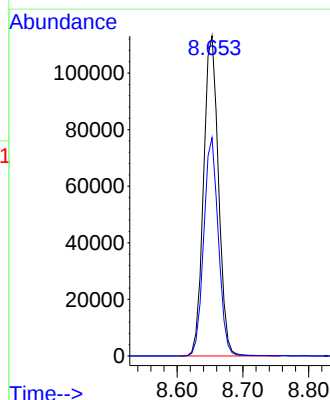
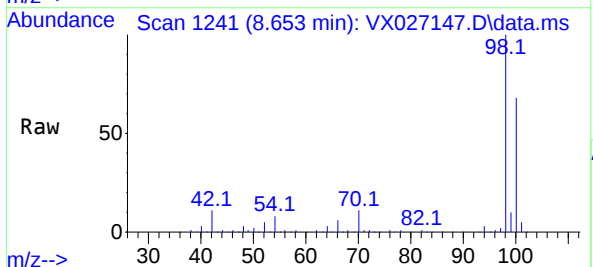
Instrument :
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ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

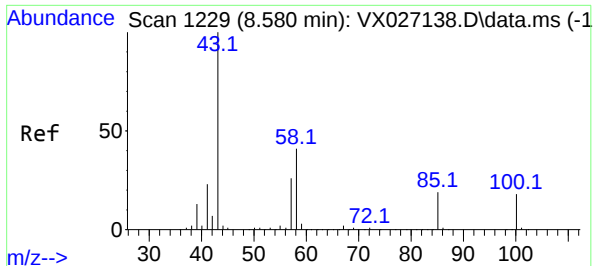
Tgt Ion:117 Resp: 9290
Ion Ratio Lower Upper
117 100
119 5.1 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.455 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027147.D
Acq: 23 Feb 2022 15:48

Tgt Ion: 98 Resp: 178293
Ion Ratio Lower Upper
98 100
100 66.7 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.463 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX027147.D

Acq: 23 Feb 2022 15:48

Instrument :

MSVOA_X

ClientSampleId :

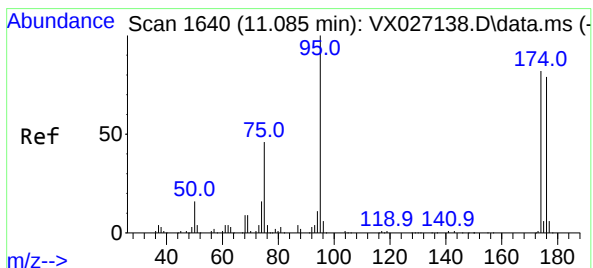
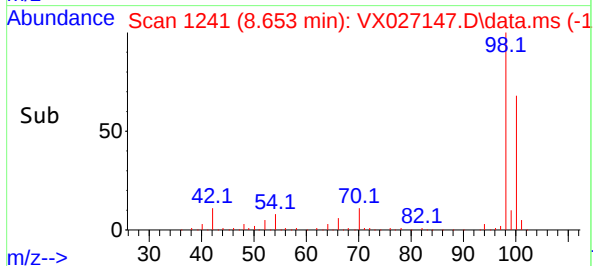
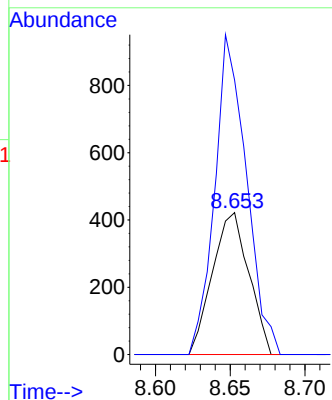
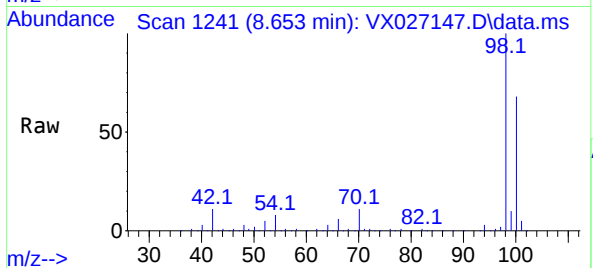
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 43 Resp: 715

Ion Ratio Lower Upper

43 100

58 195.8 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 47.195 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027147.D

Acq: 23 Feb 2022 15:48

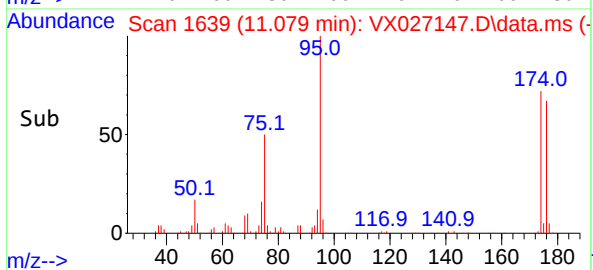
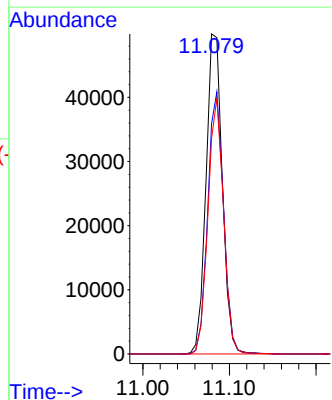
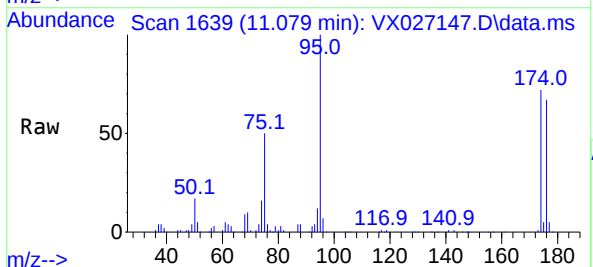
Tgt Ion: 95 Resp: 65311

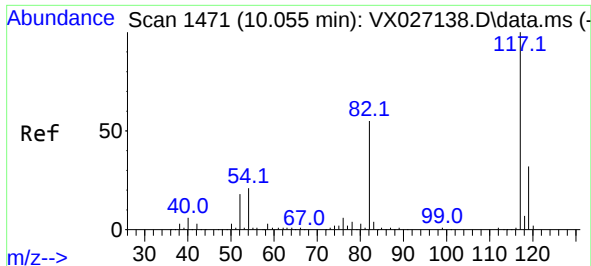
Ion Ratio Lower Upper

95 100

174 79.4 0.0 148.6

176 76.3 0.0 141.4

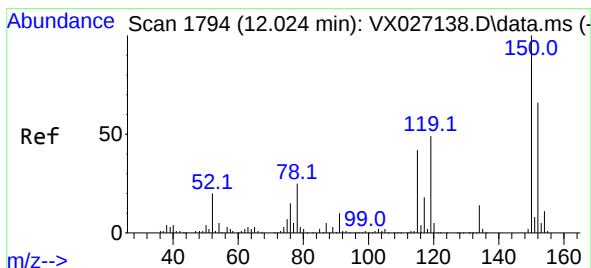
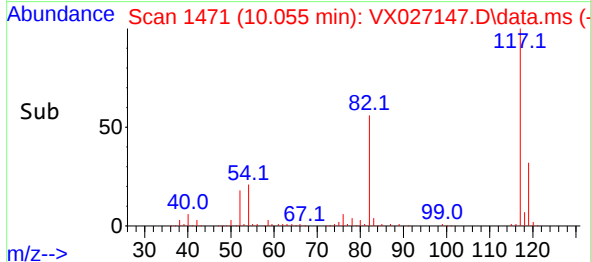
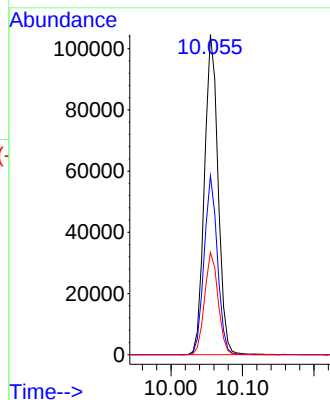
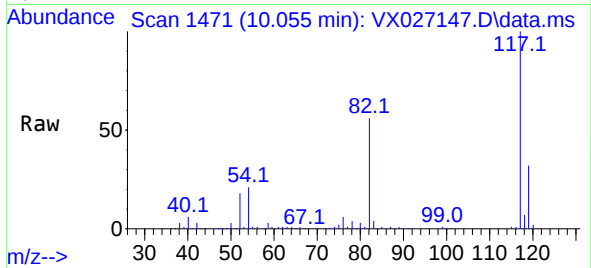




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027147.D
Acq: 23 Feb 2022 15:48

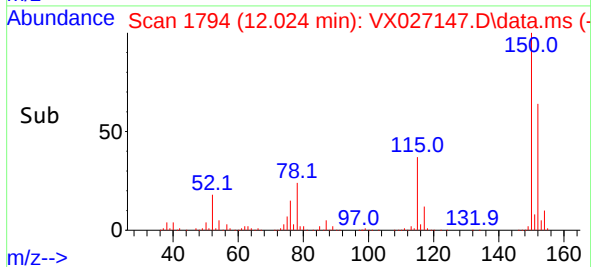
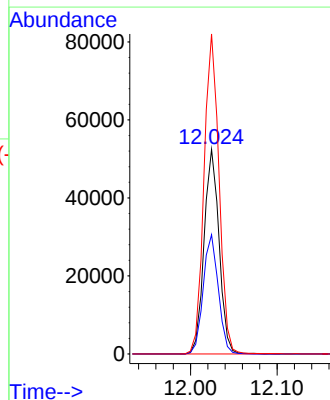
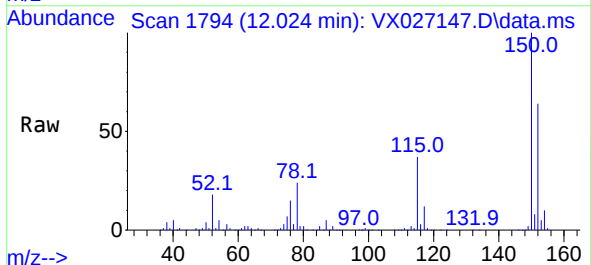
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

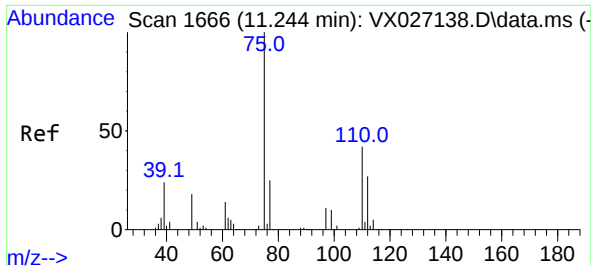
Tgt Ion:117 Resp: 138586
Ion Ratio Lower Upper
117 100
82 55.9 45.2 67.8
119 32.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027147.D
Acq: 23 Feb 2022 15:48

Tgt Ion:152 Resp: 62937
Ion Ratio Lower Upper
152 100
115 58.7 44.2 132.6
150 157.0 0.0 348.2

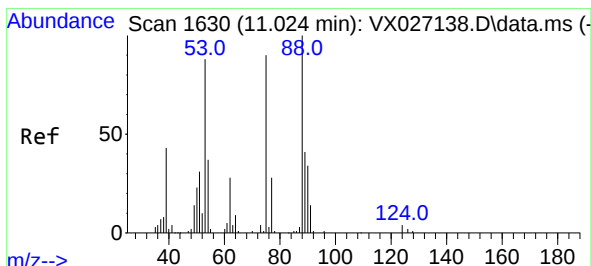
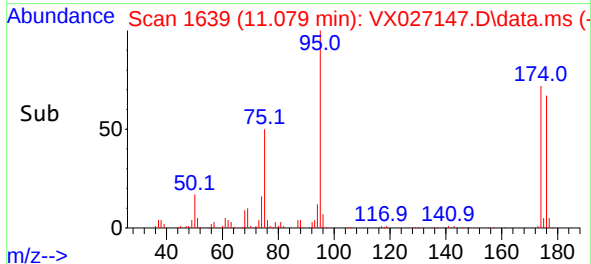
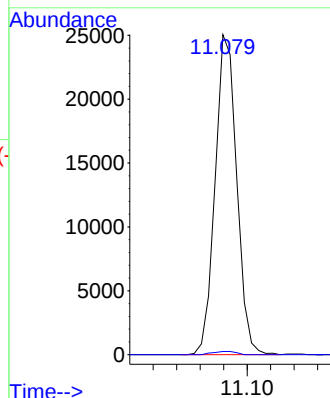
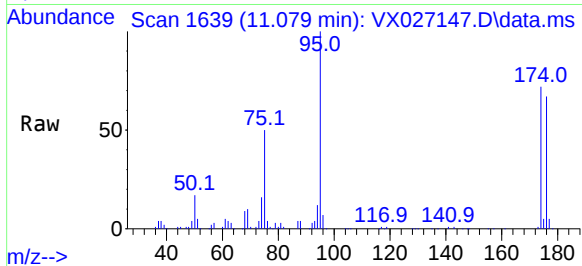




#76
1,2,3-Trichloropropane
Concen: 25.194 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027147.D
Acq: 23 Feb 2022 15:48

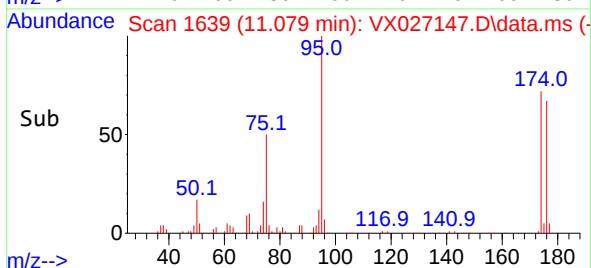
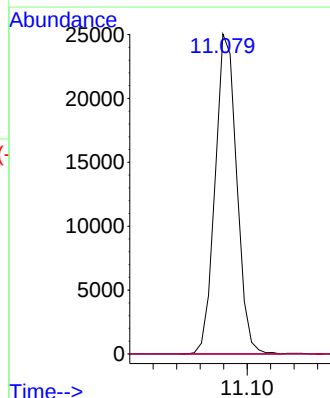
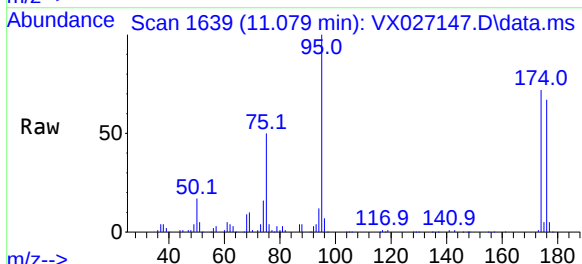
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

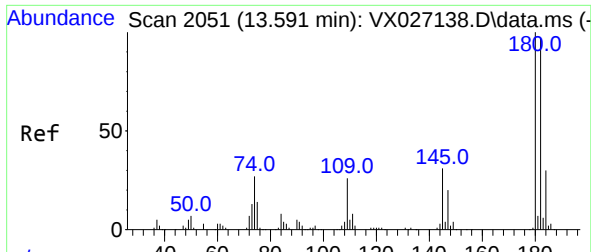
Tgt Ion: 75 Resp: 31939
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.316 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027147.D
Acq: 23 Feb 2022 15:48

Tgt Ion: 75 Resp: 31939
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#





#93

1,2,4-Trichlorobenzene

Concen: 0.234 ug/l

RT: 13.591 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX027147.D

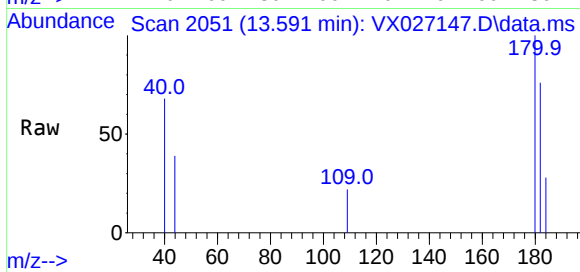
Acq: 23 Feb 2022 15:48

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



Tgt Ion:180 Resp: 304

Ion Ratio Lower Upper

180 100

182 74.3 46.7 140.0

145 6.9 16.3 48.8#

