

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022073.D
 Acq On : 19 May 2021 00:25
 Operator : JC/MD
 Sample : M2406-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

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

Quant Time: May 19 05:32:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051821W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 05:14:43 2021
 Response via : Initial Calibration

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

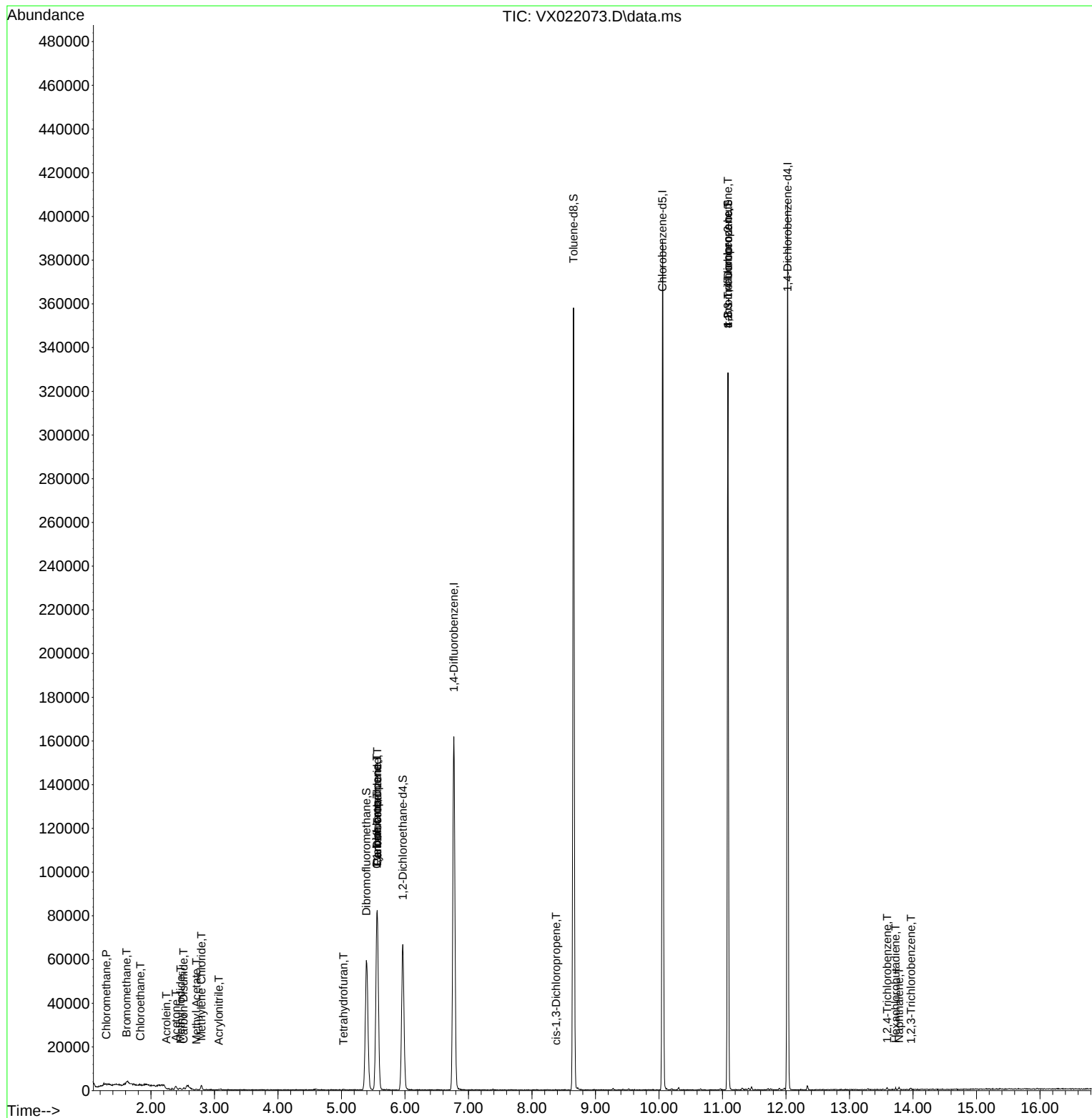
Internal Standards						
1) Pentafluorobenzene	5.562	168	70980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	162654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75559	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59470	20.47	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	40.94%#		
35) Dibromofluoromethane	5.391	113	51622	19.50	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.00%#		
50) Toluene-d8	8.653	98	207440	20.42	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	40.84%#		
62) 4-Bromofluorobenzene	11.085	95	89518	23.64	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	47.28%#		
Target Compounds					Qvalue	
3) Chloromethane	1.295	50	238	0.24	ug/l	93
5) Bromomethane	1.618	94	285	0.51	ug/l #	75
6) Chloroethane	1.831	64	25	1.29	ug/l #	43
10) Methyl Iodide	2.465	142	699	0.76	ug/l #	88
13) Acrolein	2.239	56	144	0.81	ug/l #	38
15) Acrylonitrile	3.069	53	179	0.34	ug/l #	80
16) Acetone	2.392	43	1791	3.59	ug/l	97
17) Carbon Disulfide	2.514	76	943	0.44	ug/l #	94
18) Methyl Acetate	2.715	43	305	0.23	ug/l #	63
20) Methylene Chloride	2.794	84	834	0.77	ug/l	92
29) Tetrahydrofuran	5.032	42	158	0.32	ug/l #	31
31) Cyclohexane	5.556	56	1796	1.26	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6602	4.39	ug/l #	46
38) Carbon Tetrachloride	5.562	117	8421	5.60	ug/l #	16
54) cis-1,3-Dichloropropene	8.379	75	58	1.31	ug/l #	34
76) 1,2,3-Trichloropropane	11.085	75	45809	23.71	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.085	75	45809	59.47	ug/l #	13
93) 1,2,4-Trichlorobenzene	13.591	180	329	0.22	ug/l	76
94) Hexachlorobutadiene	13.725	225	113	0.20	ug/l	91
95) Naphthalene	13.780	128	894	1.69	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.969	180	253	1.26	ug/l #	53

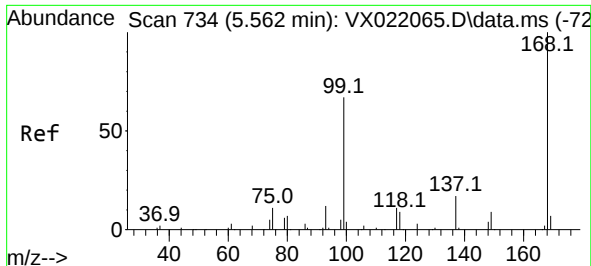
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STORAGE-BLANK-SOIL-REF-6

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Quant Title : SW846 8260
QLast Update : Wed May 19 05:14:43 2021
Response via : Initial Calibration

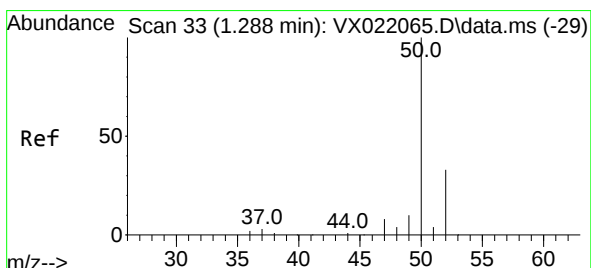
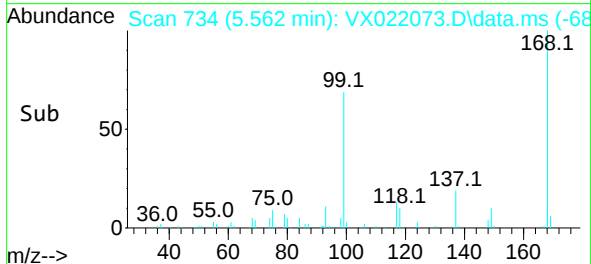
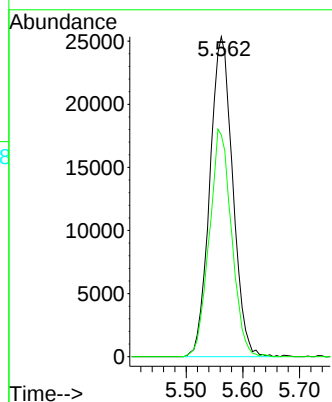
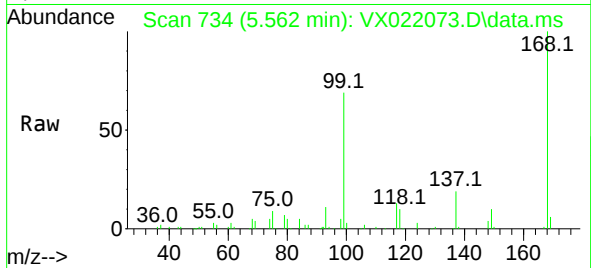




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022073.D
Acq: 19 May 2021 00:25

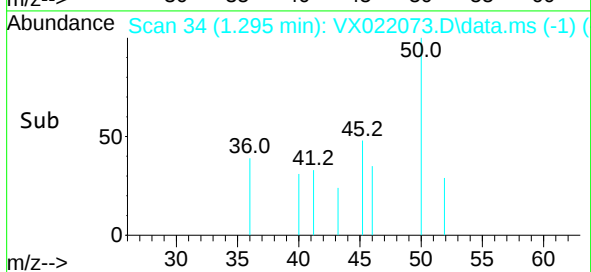
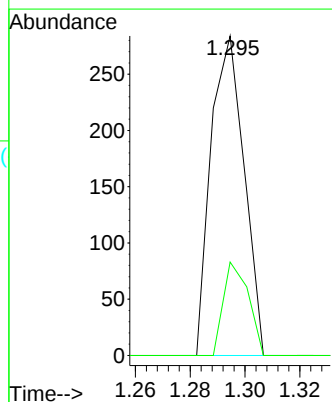
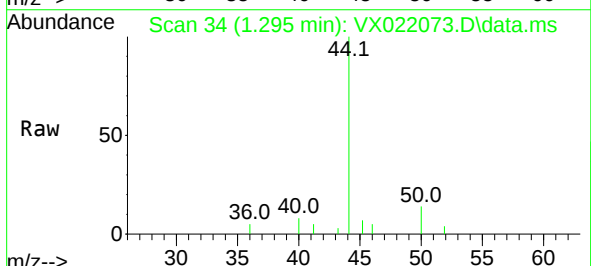
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

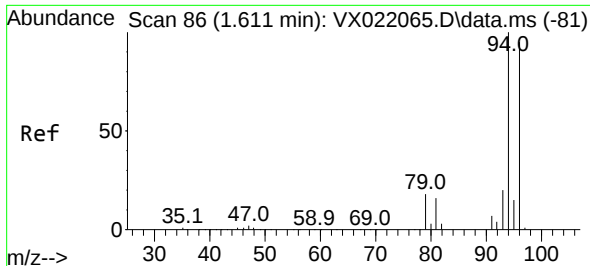
Tgt Ion:168 Resp: 70980
Ion Ratio Lower Upper
168 100
99 69.3 53.7 80.5



#3
Chloromethane
Concen: 0.24 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX022073.D
Acq: 19 May 2021 00:25

Tgt Ion: 50 Resp: 238
Ion Ratio Lower Upper
50 100
52 29.2 26.6 39.8

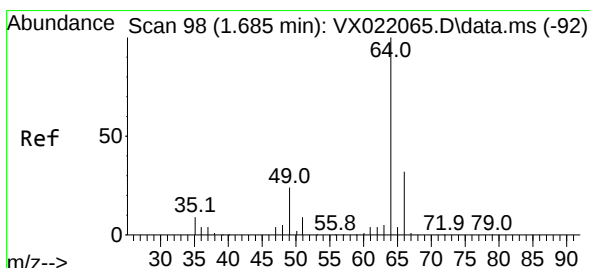
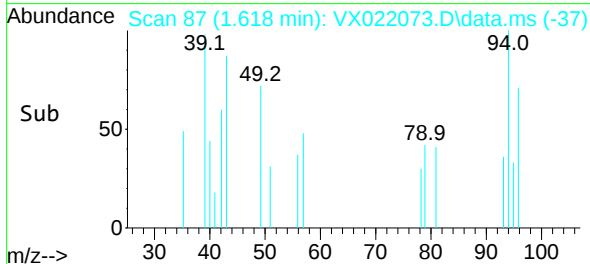
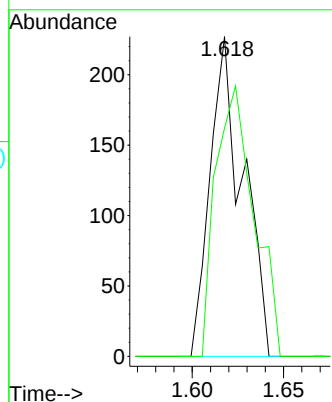
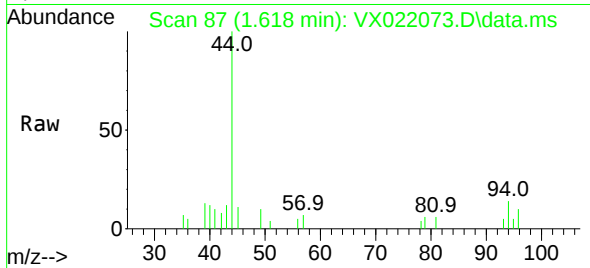




#5
Bromomethane
Concen: 0.51 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX022073.D
Acq: 19 May 2021 00:25

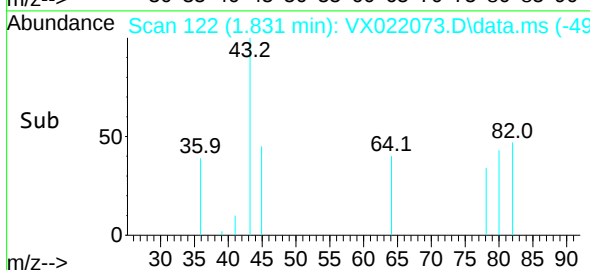
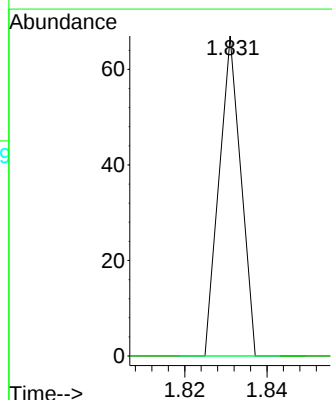
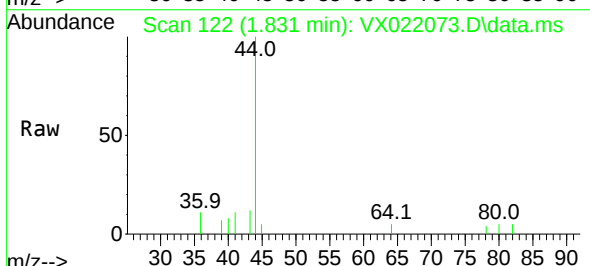
Instrument :
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ClientSampleId :
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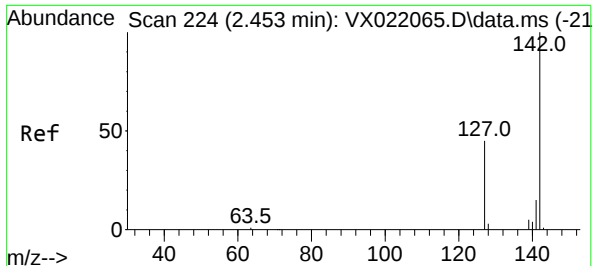
Tgt Ion: 94 Resp: 285
Ion Ratio Lower Upper
94 100
96 71.4 76.2 114.4#



#6
Chloroethane
Concen: 1.29 ug/l
RT: 1.831 min Scan# 122
Delta R.T. 0.146 min
Lab File: VX022073.D
Acq: 19 May 2021 00:25

Tgt Ion: 64 Resp: 25
Ion Ratio Lower Upper
64 100
66 0.0 25.5 38.3#

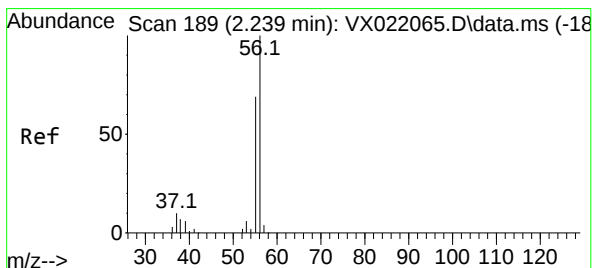
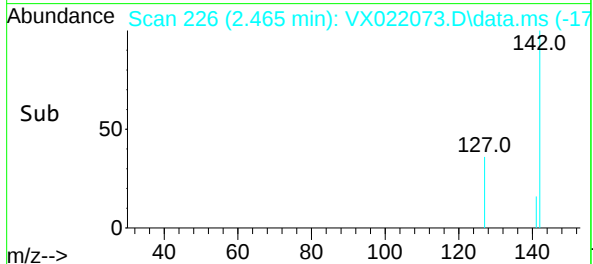
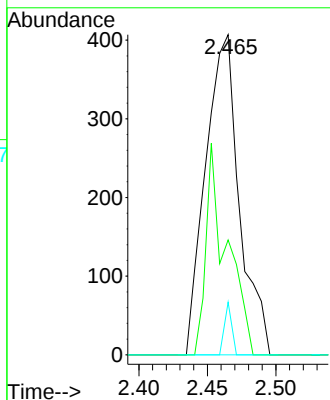
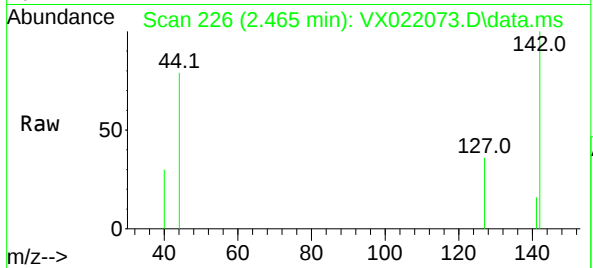




#10
Methyl Iodide
Concen: 0.76 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022073.D
Acq: 19 May 2021 00:25

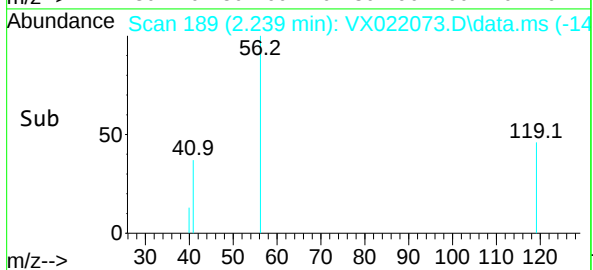
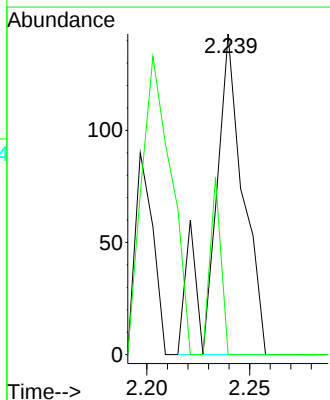
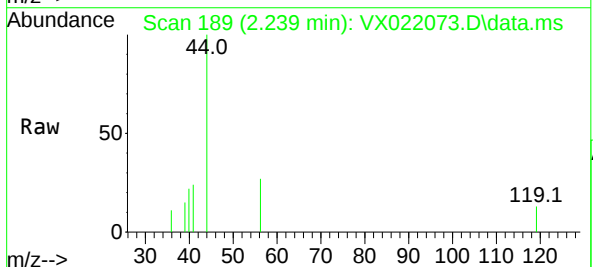
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

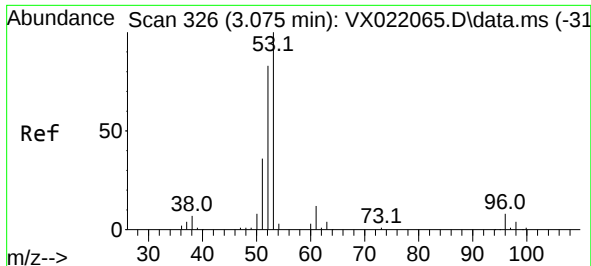
Tgt Ion:142 Resp: 699
Ion Ratio Lower Upper
142 100
127 40.6 36.7 55.1
141 3.6 11.4 17.0#



#13
Acrolein
Concen: 0.81 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX022073.D
Acq: 19 May 2021 00:25

Tgt Ion: 56 Resp: 144
Ion Ratio Lower Upper
56 100
55 20.1 56.9 85.3#

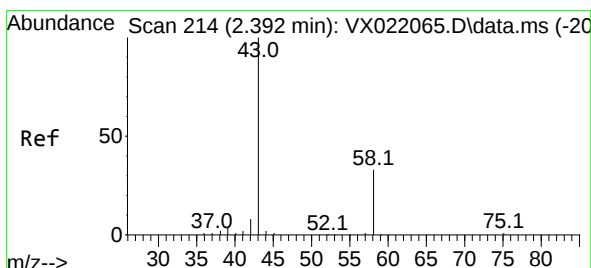
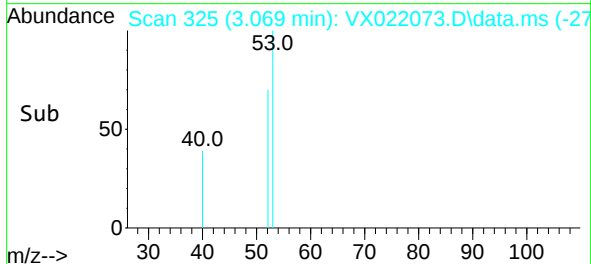
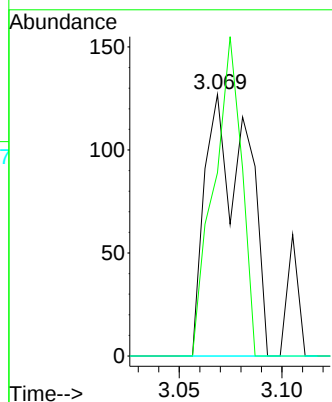
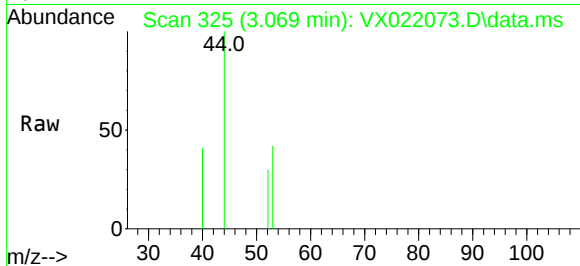




#15
Acrylonitrile
Concen: 0.34 ug/l
RT: 3.069 min Scan# 325
Delta R.T. -0.006 min
Lab File: VX022073.D
Acq: 19 May 2021 00:25

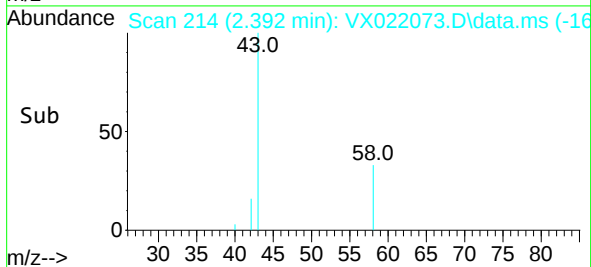
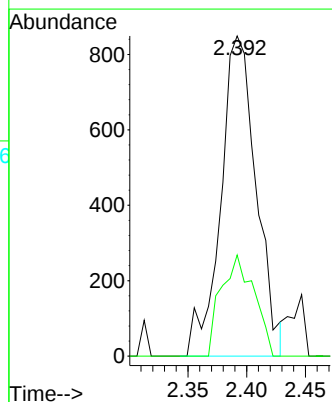
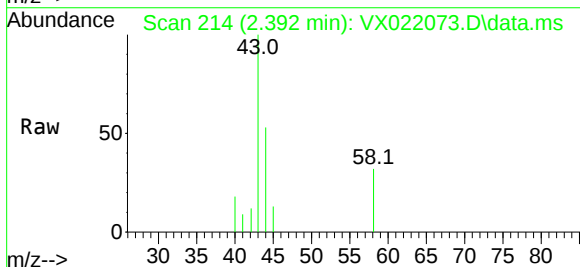
Instrument :
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ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

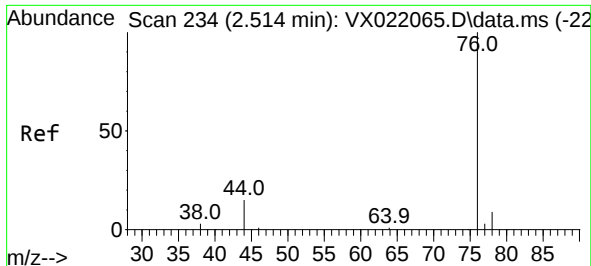
Tgt Ion: 53	Resp:	179
Ion Ratio	Lower	Upper
53	100	
52	81.6	66.8 100.2
51	0.0	28.6 42.8#



#16
Acetone
Concen: 3.59 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX022073.D
Acq: 19 May 2021 00:25

Tgt Ion: 43	Resp:	1791
Ion Ratio	Lower	Upper
43	100	
58	31.6	26.4 39.6

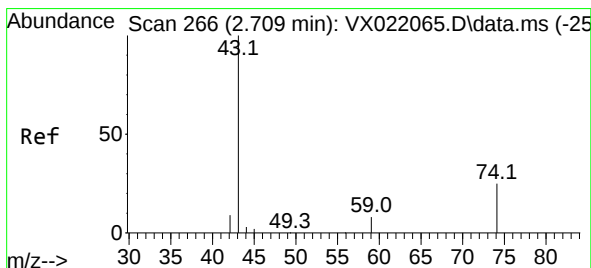
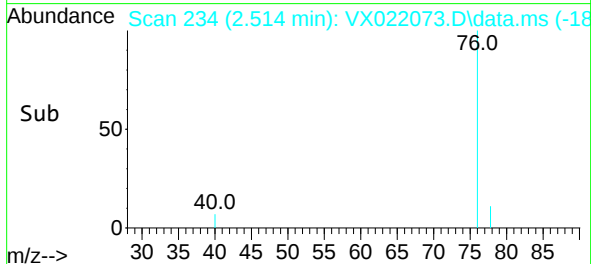
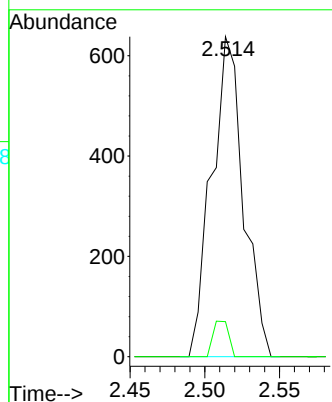
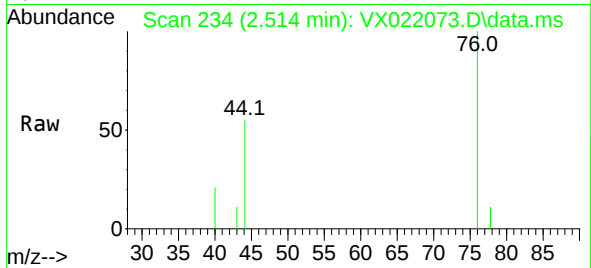




#17
Carbon Disulfide
Concen: 0.44 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX022073.D
Acq: 19 May 2021 00:25

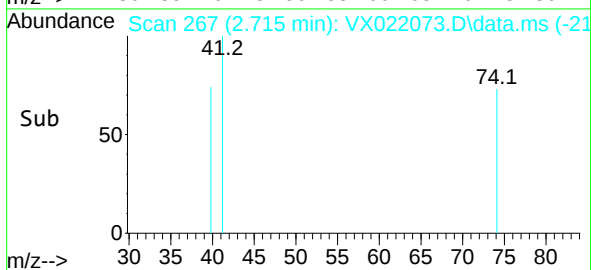
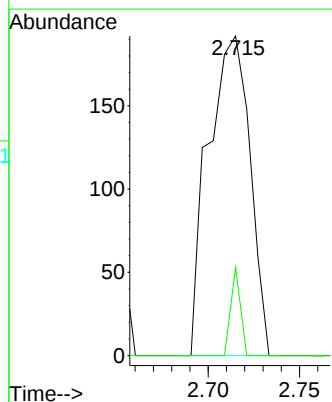
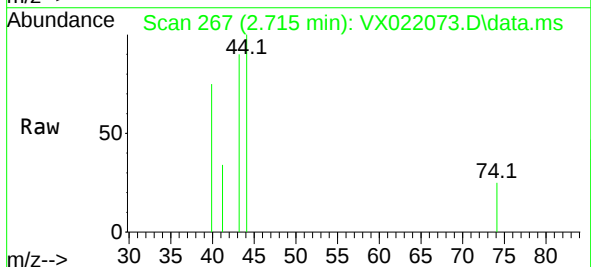
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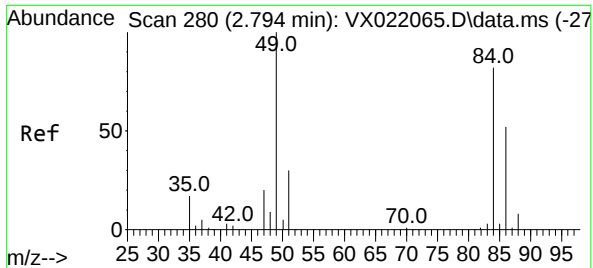
Tgt Ion: 76 Resp: 943
Ion Ratio Lower Upper
76 100
78 11.0 7.1 10.7#



#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022073.D
Acq: 19 May 2021 00:25

Tgt Ion: 43 Resp: 305
Ion Ratio Lower Upper
43 100
74 6.2 19.8 29.6#





#20

Methylene Chloride

Concen: 0.77 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022073.D

Acq: 19 May 2021 00:25

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 84 Resp: 834

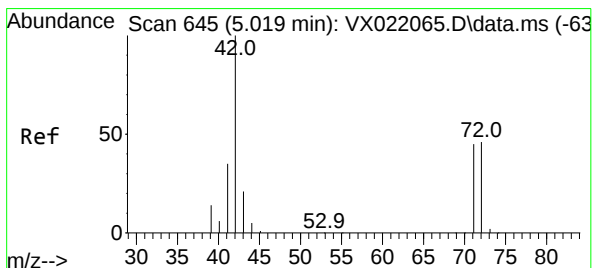
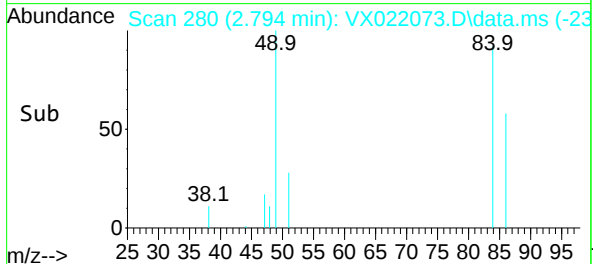
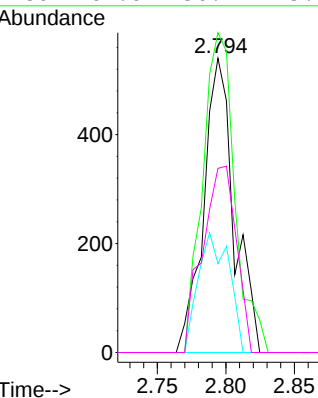
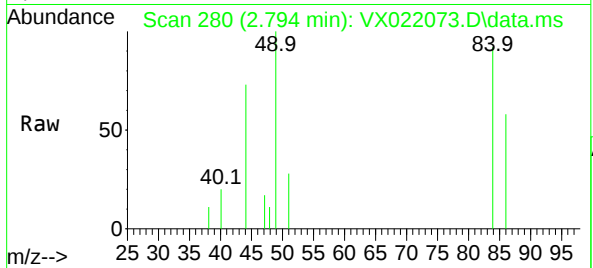
Ion Ratio Lower Upper

84 100

49 108.7 97.4 146.0

51 30.2 29.0 43.4

86 62.6 50.4 75.6



#29

Tetrahydrofuran

Concen: 0.32 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.012 min

Lab File: VX022073.D

Acq: 19 May 2021 00:25

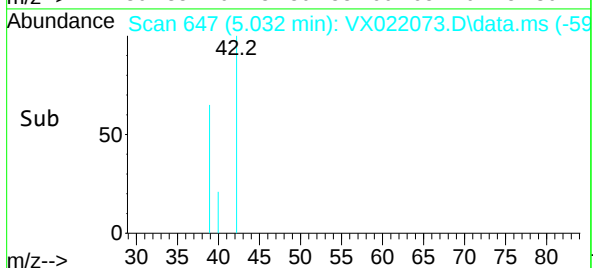
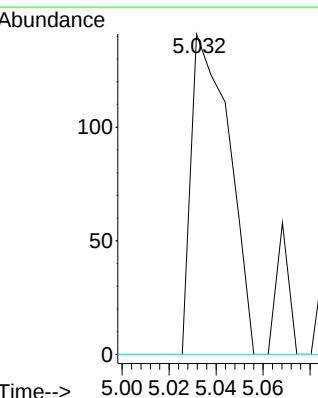
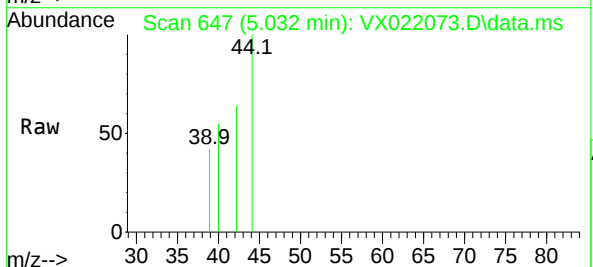
Tgt Ion: 42 Resp: 158

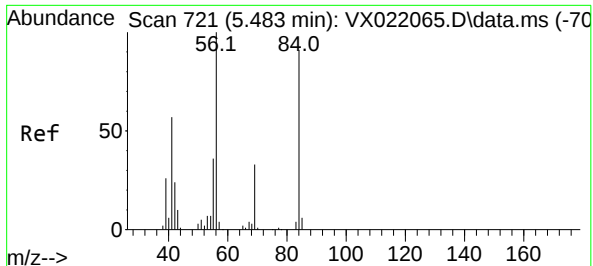
Ion Ratio Lower Upper

42 100

72 0.0 37.0 55.4#

71 0.0 35.0 52.6#

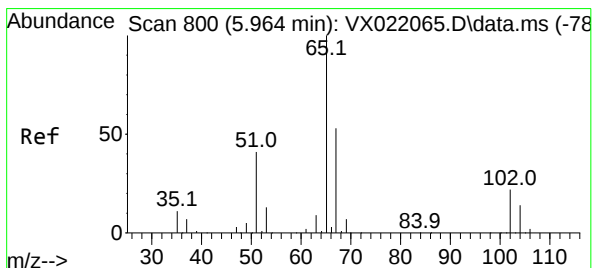
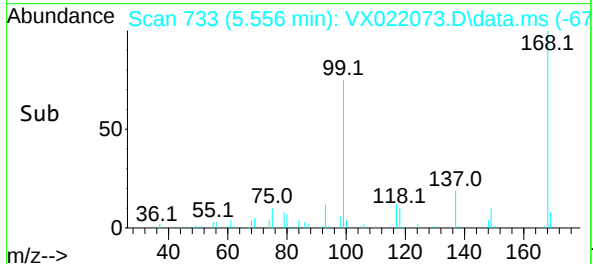
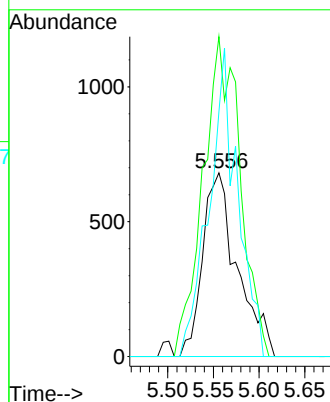
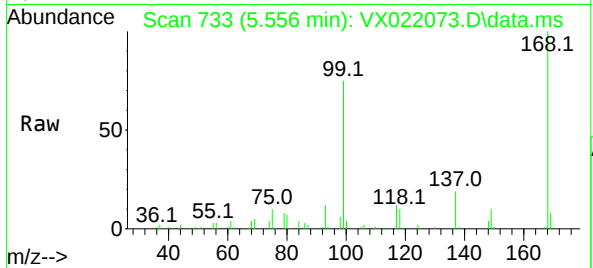




#31
Cyclohexane
Concen: 1.26 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022073.D
Acq: 19 May 2021 00:25

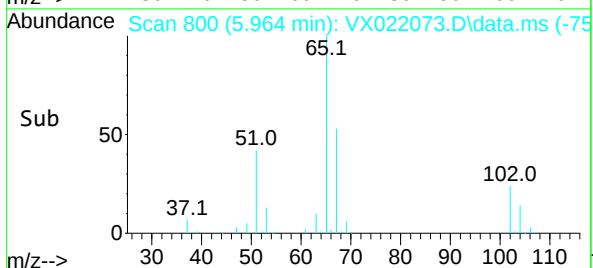
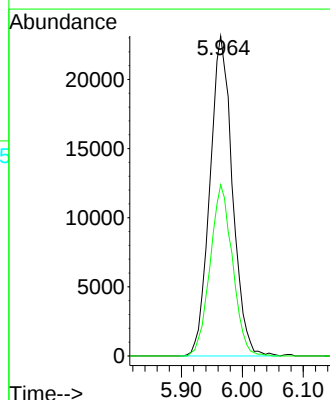
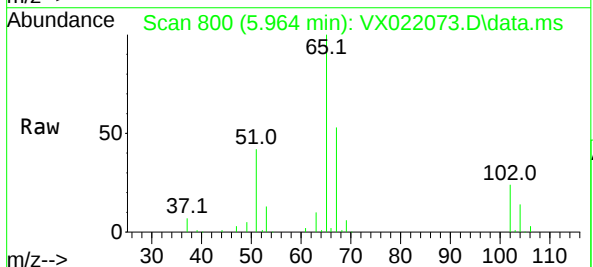
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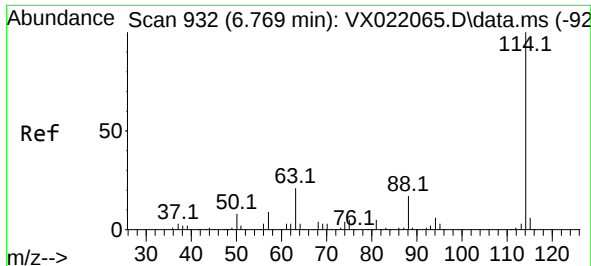
Tgt Ion: 56 Resp: 1796
Ion Ratio Lower Upper
56 100
69 174.2 26.2 39.4#
84 133.3 73.0 109.4#



#33
1,2-Dichloroethane-d4
Concen: 20.47 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022073.D
Acq: 19 May 2021 00:25

Tgt Ion: 65 Resp: 59470
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.4

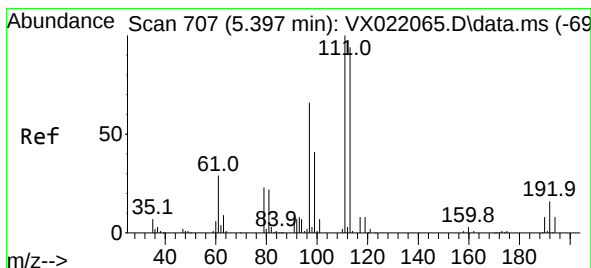
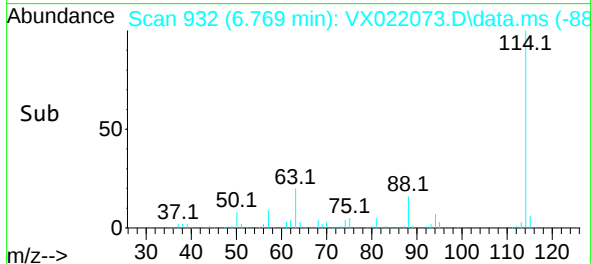
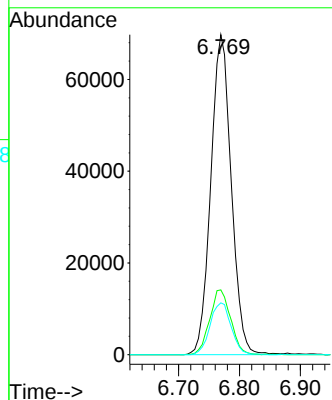
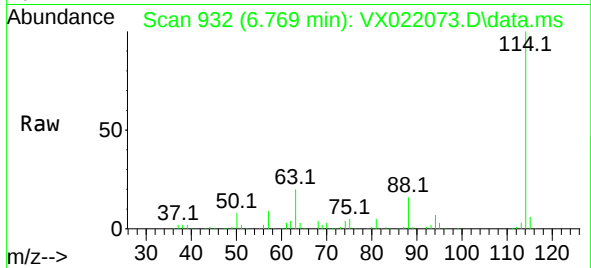




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022073.D
Acq: 19 May 2021 00:25

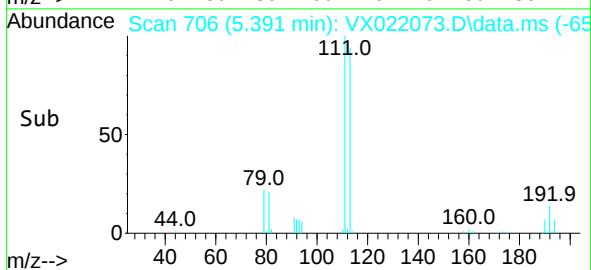
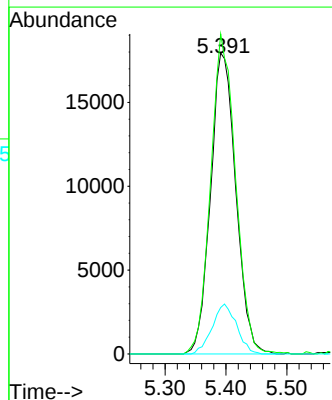
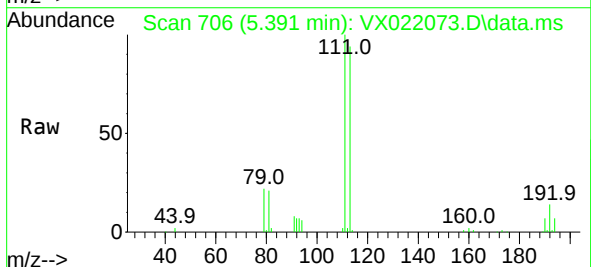
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

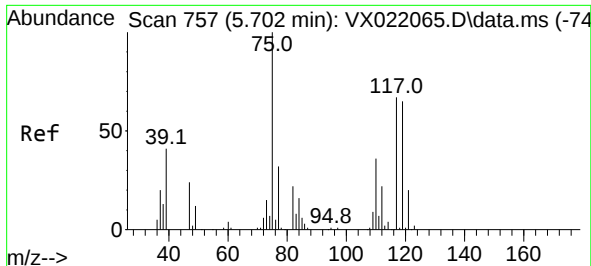
Tgt Ion:114 Resp: 162654
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.4
88 16.2 0.0 34.0



#35
Dibromofluoromethane
Concen: 19.50 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX022073.D
Acq: 19 May 2021 00:25

Tgt Ion:113 Resp: 51622
Ion Ratio Lower Upper
113 100
111 105.1 83.8 125.6
192 16.0 13.1 19.7





#36

1,1-Dichloropropene

Concen: 4.39 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022073.D

Acq: 19 May 2021 00:25

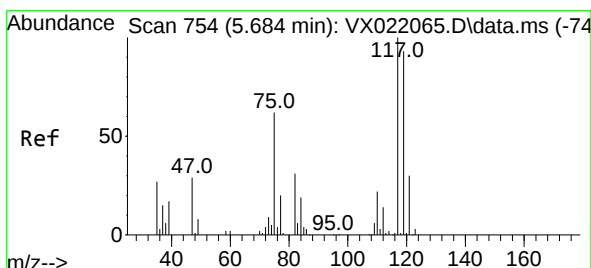
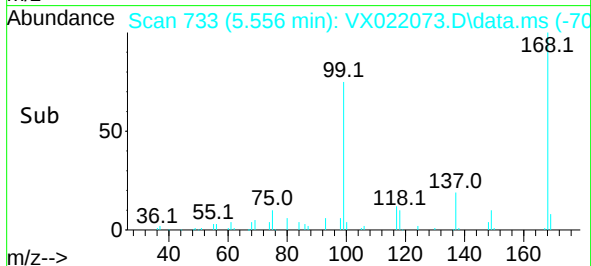
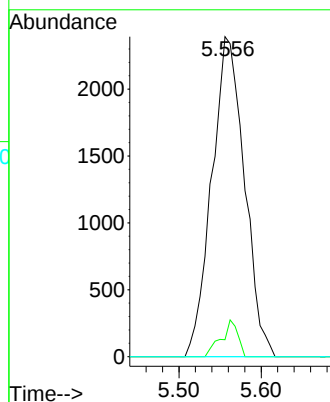
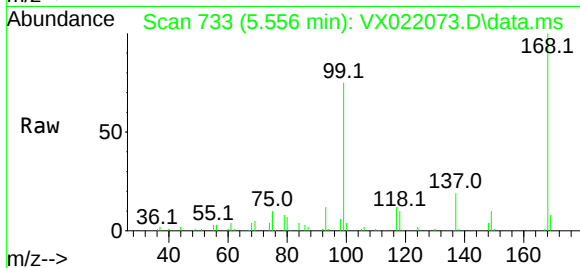
Tgt Ion:	75	Resp:	6602
Ion	Ratio	Lower	Upper
75	100		
110	5.8	17.9	53.7#
77	0.0	25.0	37.4#

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



#38

Carbon Tetrachloride

Concen: 5.60 ug/l

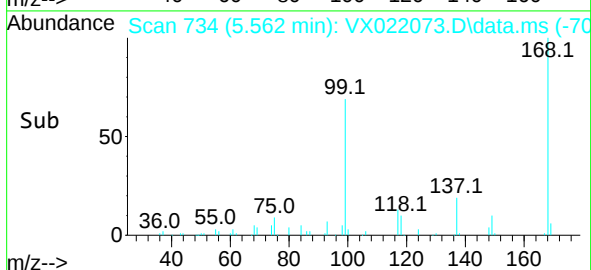
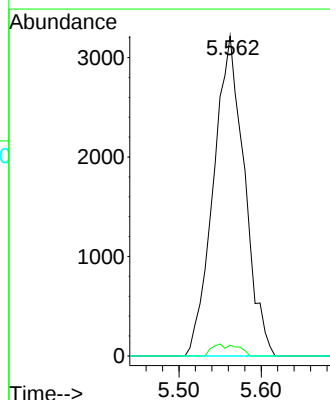
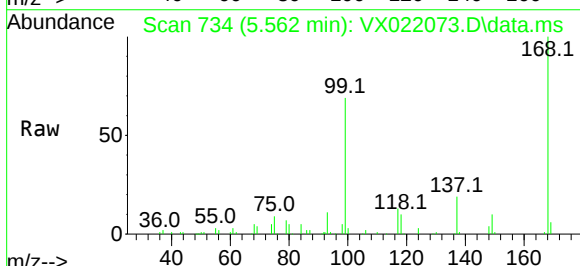
RT: 5.562 min Scan# 734

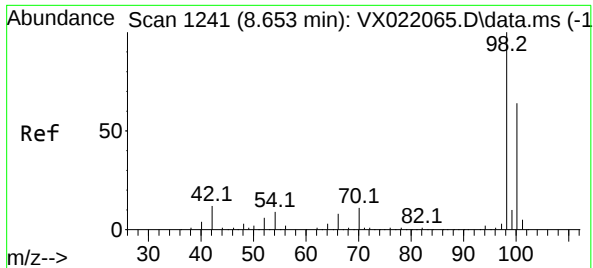
Delta R.T. -0.122 min

Lab File: VX022073.D

Acq: 19 May 2021 00:25

Tgt Ion:	117	Resp:	8421
Ion	Ratio	Lower	Upper
117	100		
119	3.3	74.6	111.8#
121	0.0	23.6	35.4#

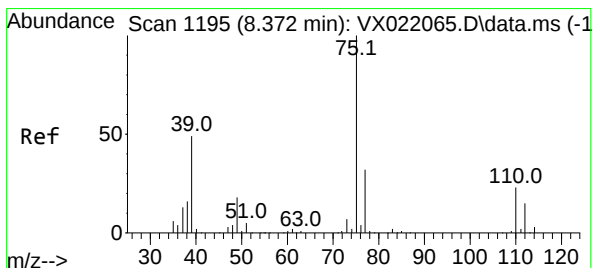
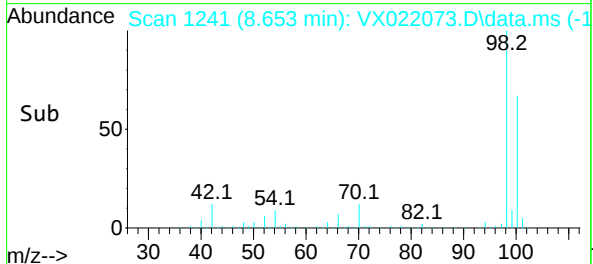
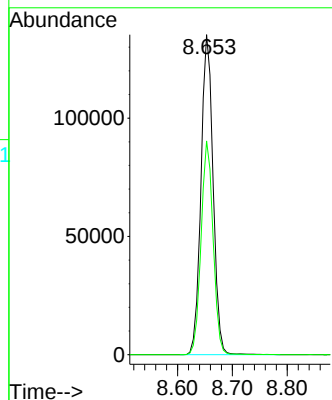
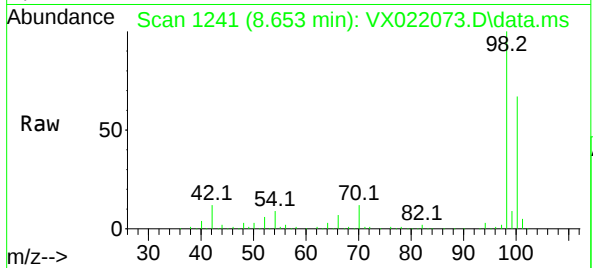




#50
Toluene-d8
Concen: 20.42 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX022073.D
Acq: 19 May 2021 00:25

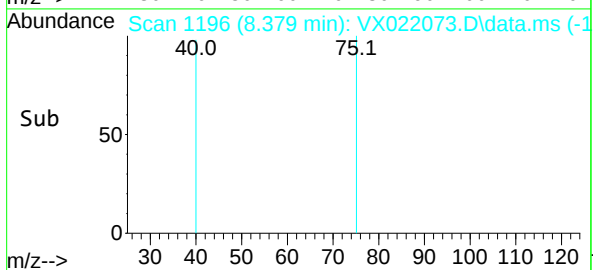
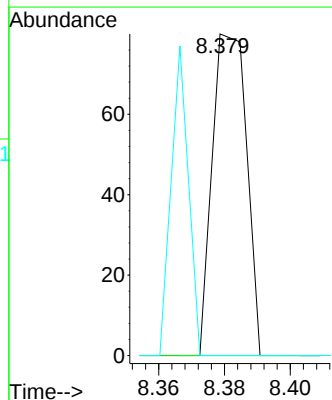
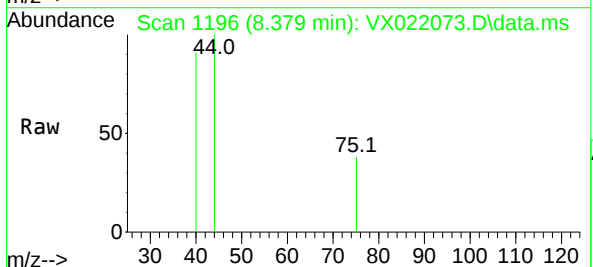
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

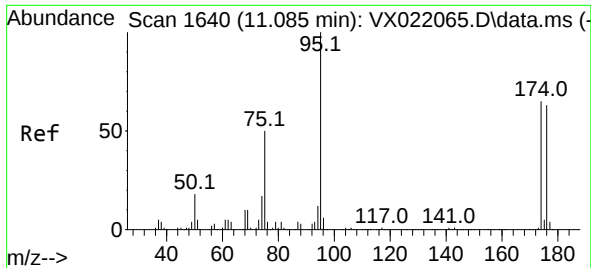
Tgt Ion: 98 Resp: 207440
Ion Ratio Lower Upper
98 100
100 66.4 52.8 79.2



#54
cis-1,3-Dichloropropene
Concen: 1.31 ug/l
RT: 8.379 min Scan# 1196
Delta R.T. 0.007 min
Lab File: VX022073.D
Acq: 19 May 2021 00:25

Tgt Ion: 75 Resp: 58
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 0.0 39.2 58.8#

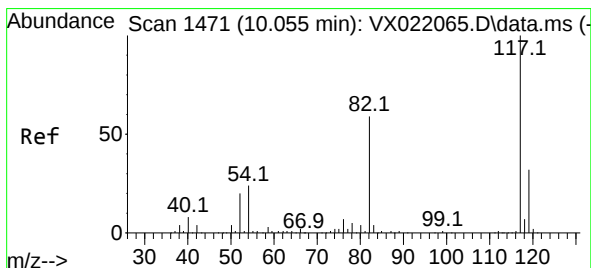
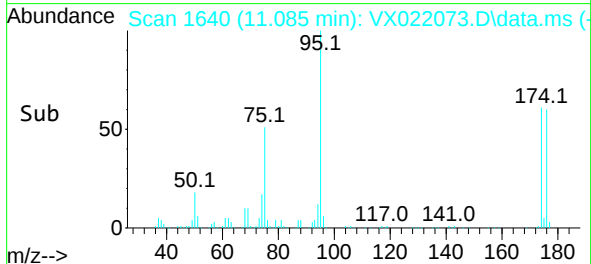
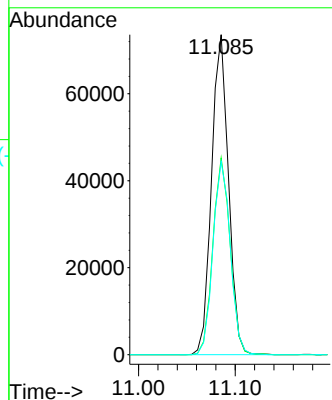
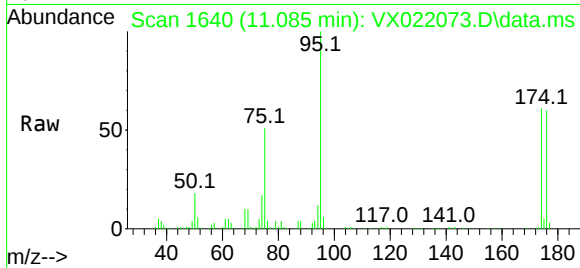




#62
4-Bromofluorobenzene
Concen: 23.64 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022073.D
Acq: 19 May 2021 00:25

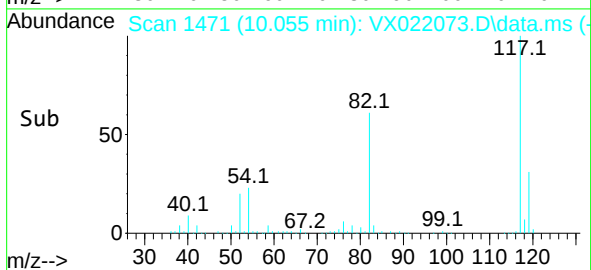
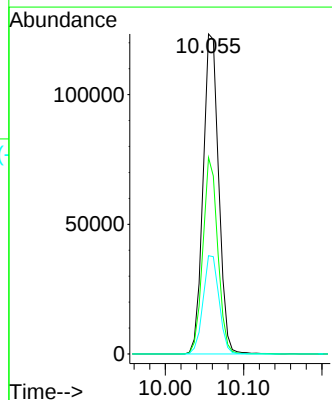
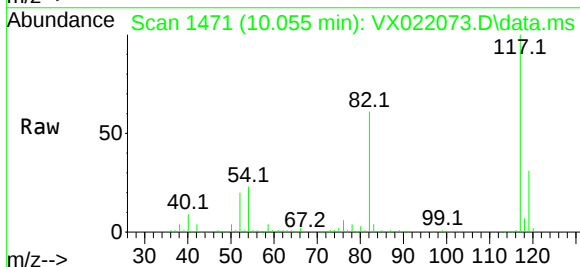
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

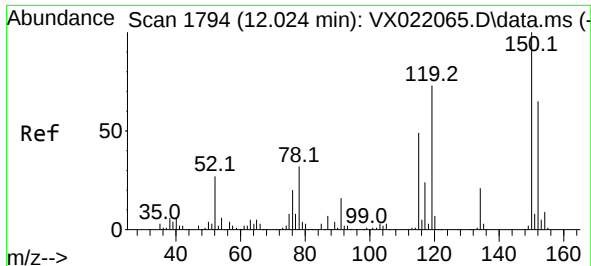
Tgt Ion: 95 Resp: 89518
Ion Ratio Lower Upper
95 100
174 62.7 0.0 128.8
176 61.8 0.0 125.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022073.D
Acq: 19 May 2021 00:25

Tgt Ion: 117 Resp: 170191
Ion Ratio Lower Upper
117 100
82 61.4 47.6 71.4
119 30.7 25.4 38.2

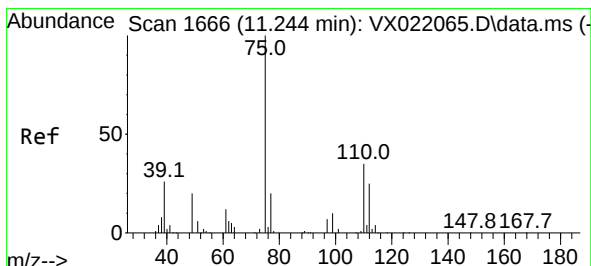
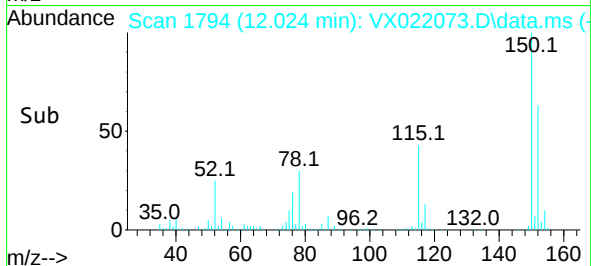
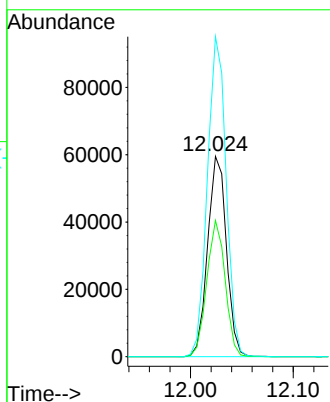
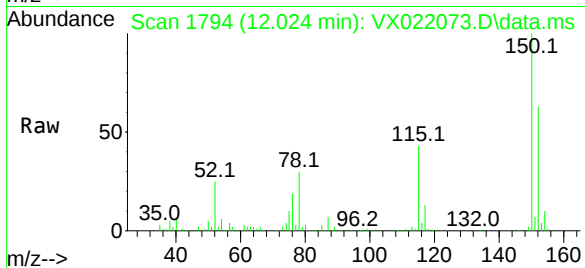




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022073.D
 Acq: 19 May 2021 00:25

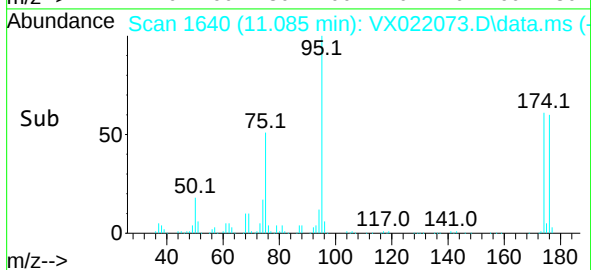
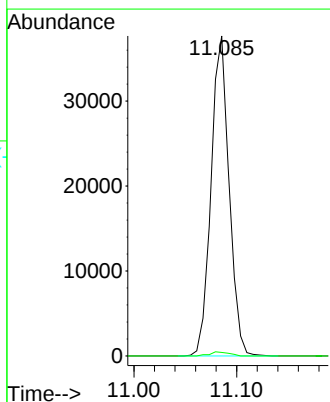
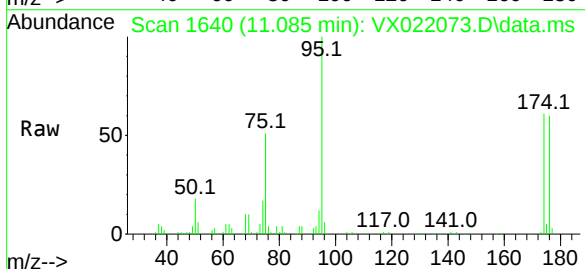
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 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

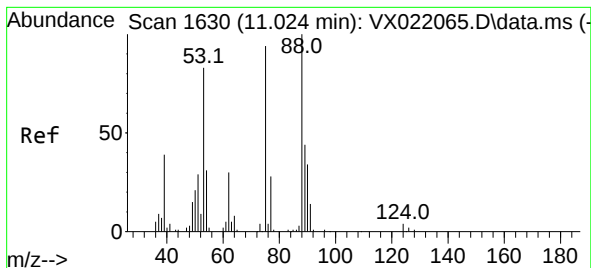
Tgt Ion:152 Resp: 75559
 Ion Ratio Lower Upper
 152 100
 115 66.3 46.4 139.2
 150 159.0 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 23.71 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX022073.D
 Acq: 19 May 2021 00:25

Tgt Ion: 75 Resp: 45809
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.8 62.5#

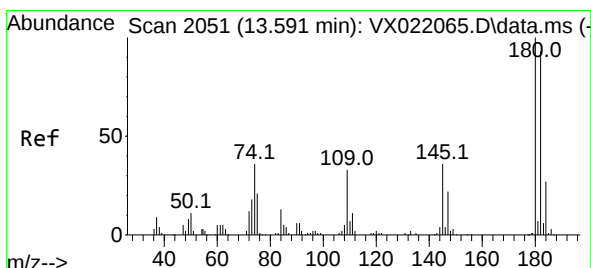
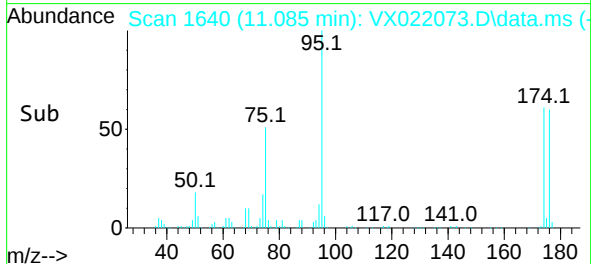
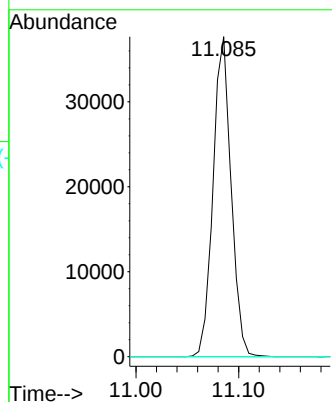
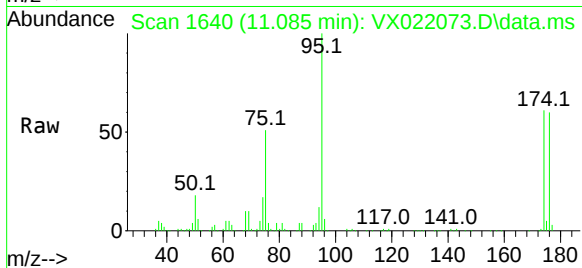




#81
trans-1,4-Dichloro-2-butene
Concen: 59.47 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022073.D
Acq: 19 May 2021 00:25

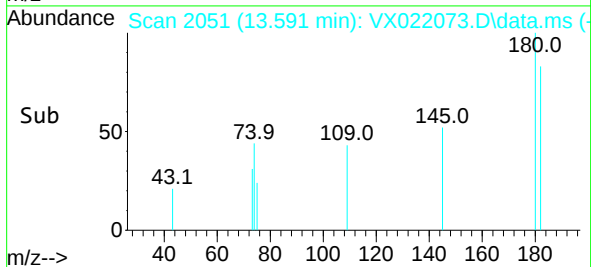
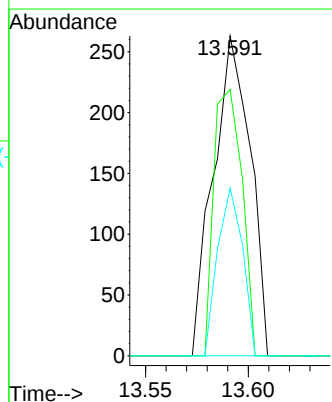
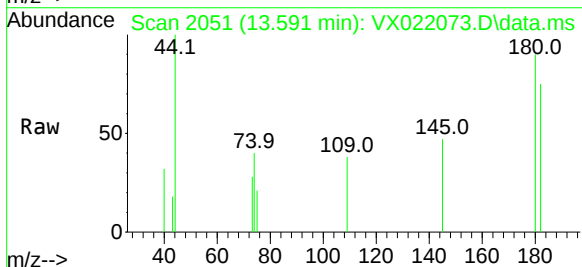
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

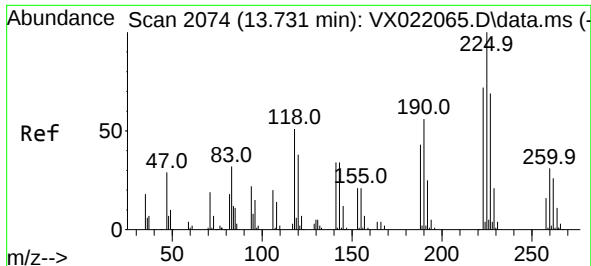
Tgt Ion: 75 Resp: 45809
Ion Ratio Lower Upper
75 100
53 0.0 73.0 109.4#
89 0.0 36.5 54.7#



#93
1,2,4-Trichlorobenzene
Concen: 0.22 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX022073.D
Acq: 19 May 2021 00:25

Tgt Ion: 180 Resp: 329
Ion Ratio Lower Upper
180 100
182 63.5 47.3 142.0
145 35.3 17.8 53.5

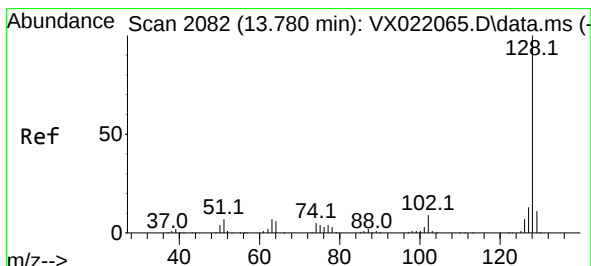
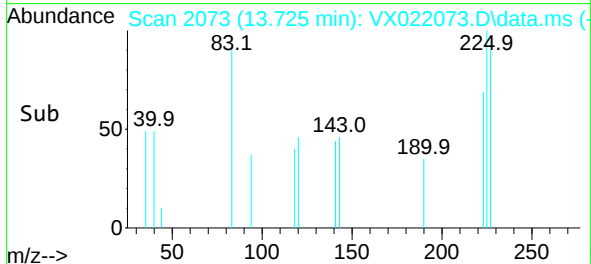
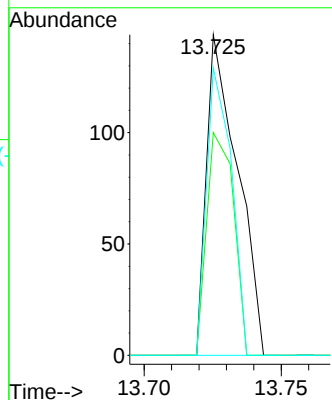
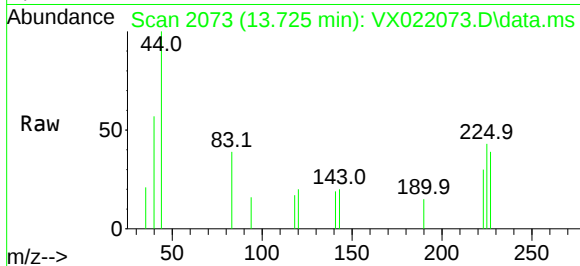




#94
Hexachlorobutadiene
Concen: 0.20 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.006 min
Lab File: VX022073.D
Acq: 19 May 2021 00:25

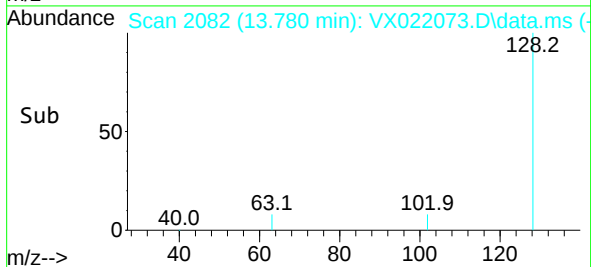
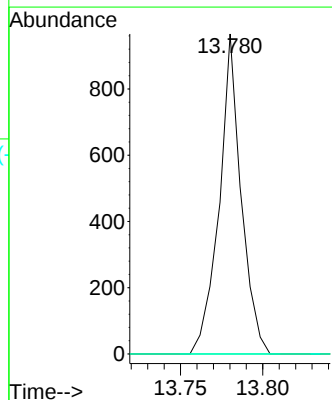
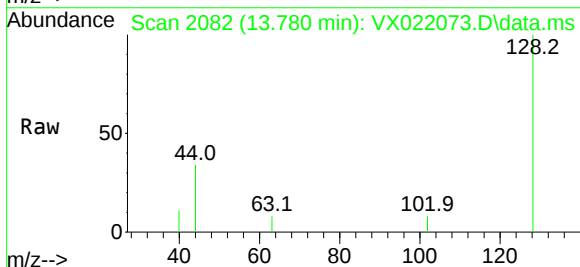
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

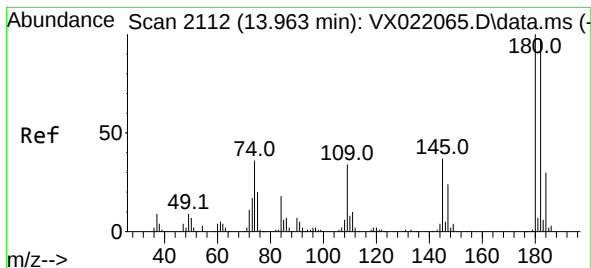
Tgt Ion:	225	Resp:	113
Ion	Ratio	Lower	Upper
225	100		
223	60.2	33.3	99.8
227	71.7	32.3	96.8



#95
Naphthalene
Concen: 1.69 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022073.D
Acq: 19 May 2021 00:25

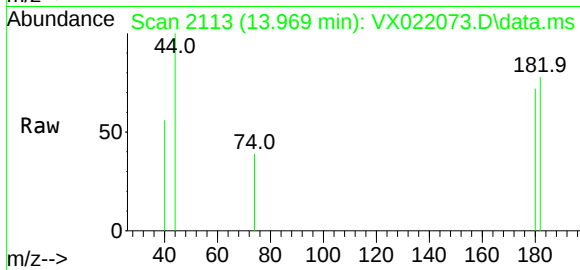
Tgt Ion:	128	Resp:	894
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.8	13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.26 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX022073.D
 Acq: 19 May 2021 00:25

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



Tgt Ion:180 Resp: 253
 Ion Ratio Lower Upper
 180 100
 182 140.7 47.9 143.7
 145 7.9 18.3 54.8#

