

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071618.D
 Acq On : 28 Mar 2022 21:33
 Operator : JC\MD
 Sample : N2130-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Mar 29 09:51:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 09:32:37 2022
 Response via : Initial Calibration

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

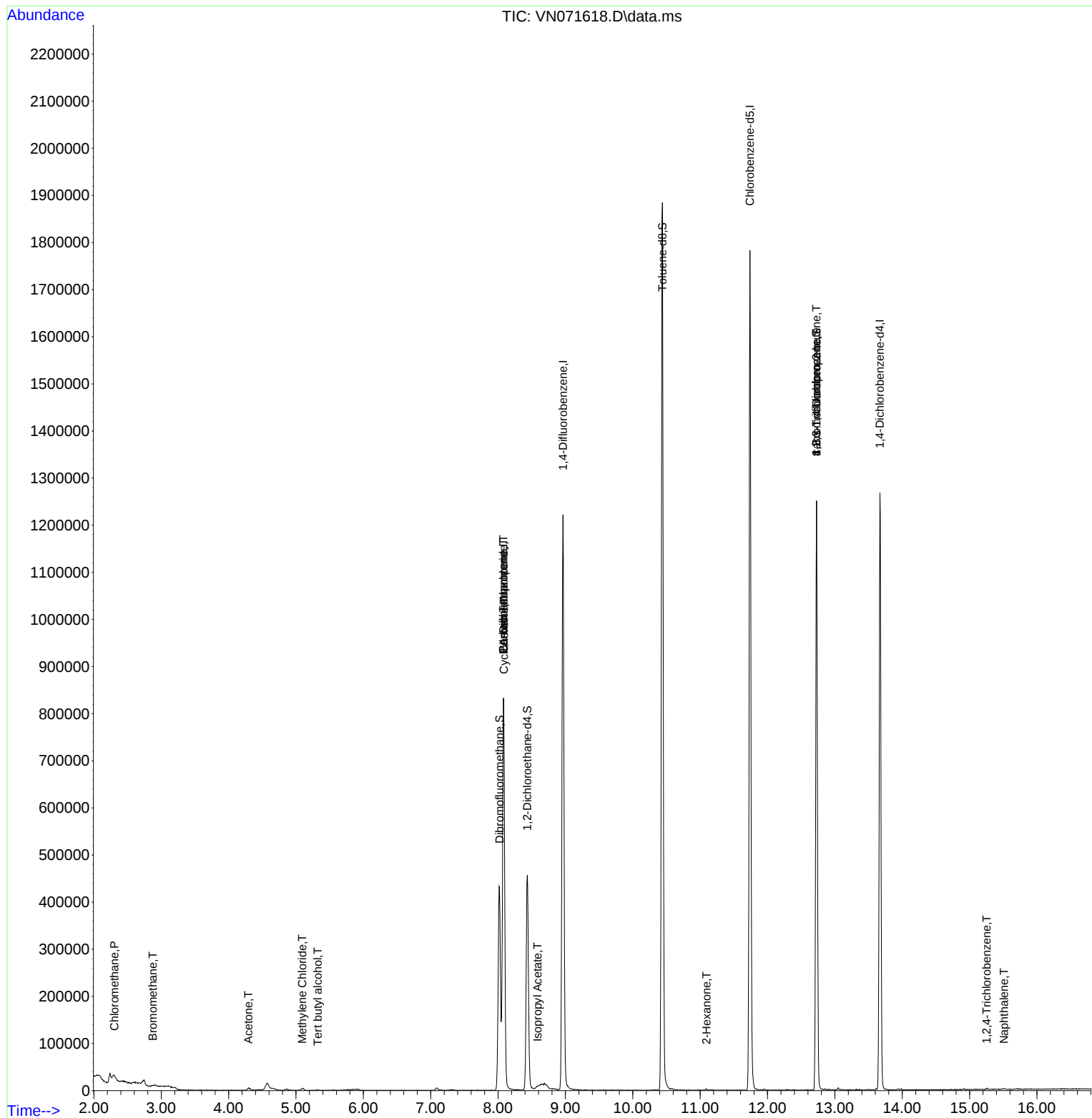
Internal Standards						
1) Pentafluorobenzene	8.080	168	680912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1135879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1091446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	381530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	390135	47.786	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.580%
35) Dibromofluoromethane	8.022	113	324316	46.490	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.980%
50) Toluene-d8	10.439	98	1382575	48.047	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.100%
62) 4-Bromofluorobenzene	12.727	95	442189	47.106	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.220%
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	2429	0.309	ug/l #	88
5) Bromomethane	2.875	94	2430	0.474	ug/l	98
6) Chloroethane	2.957	64	782	Below Cal	#	42
11) Tert butyl alcohol	5.322	59	690	0.479	ug/l #	72
16) Acetone	4.292	43	6842	2.033	ug/l	95
18) Methyl Acetate	4.857	43	4463	Below Cal		93
20) Methylene Chloride	5.092	84	3205	0.431	ug/l	96
31) Cyclohexane	8.086	56	12130	1.064	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	48399	4.826	ug/l #	49
38) Carbon Tetrachloride	8.080	117	60392	6.077	ug/l #	17
43) Isopropyl Acetate	8.586	43	6813	0.588	ug/l #	53
59) 2-Hexanone	11.092	43	1970	0.256	ug/l	92
76) 1,2,3-Trichloropropane	12.727	75	220100	24.026	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	220100	69.349	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.251	180	1242	0.212	ug/l #	68
95) Naphthalene	15.509	128	2697	4.823	ug/l #	83

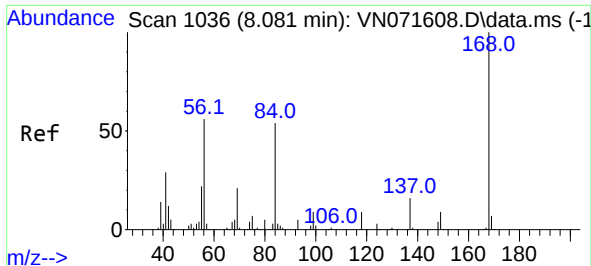
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 29 09:51:19 2022
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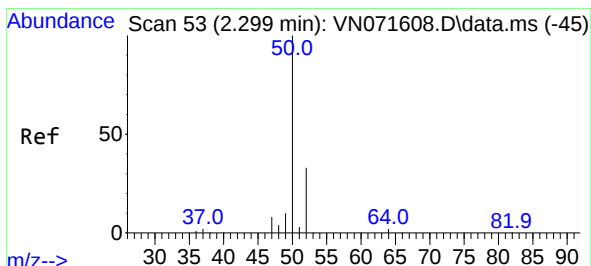
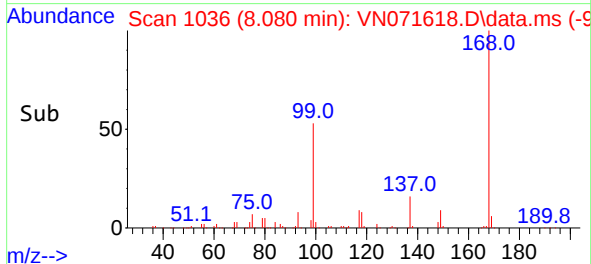
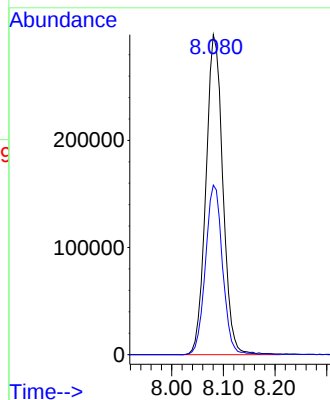
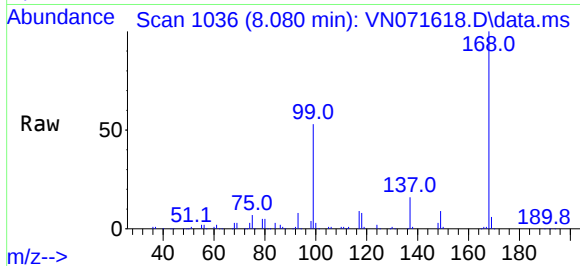




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

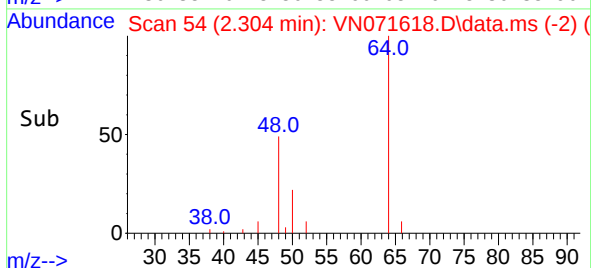
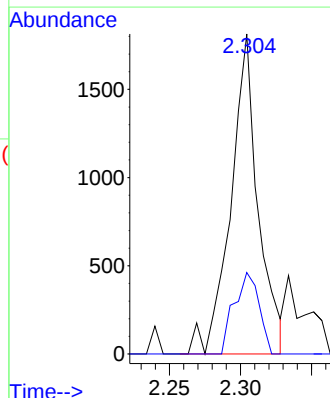
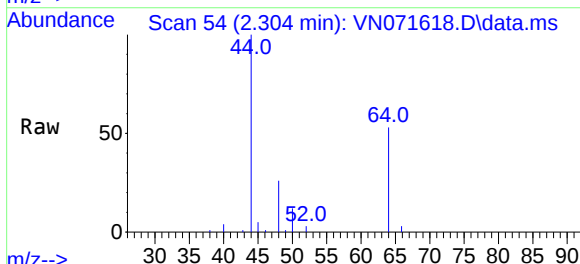
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

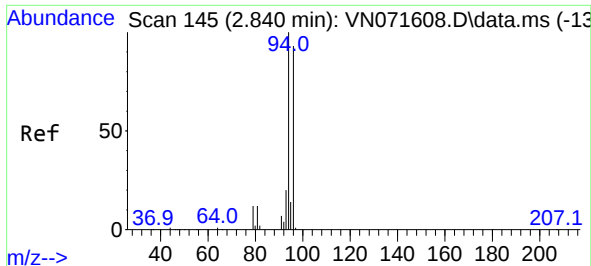
Tgt Ion:168 Resp: 680912
Ion Ratio Lower Upper
168 100
99 53.0 42.3 63.5



#3
Chloromethane
Concen: 0.309 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 50 Resp: 2429
Ion Ratio Lower Upper
50 100
52 25.5 25.7 38.5#

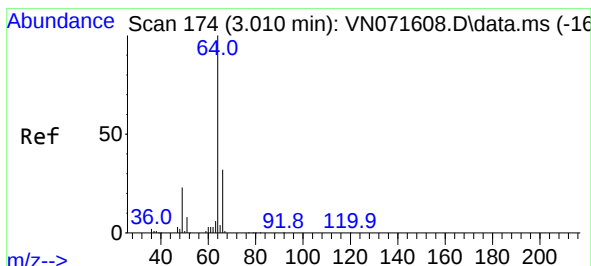
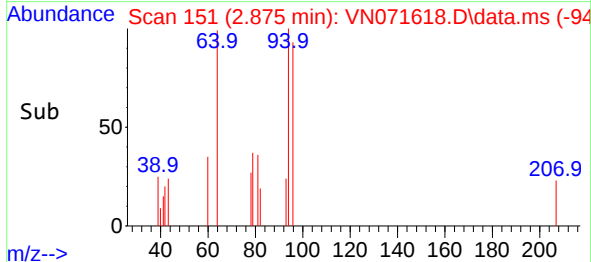
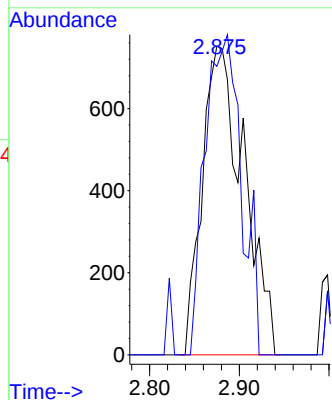
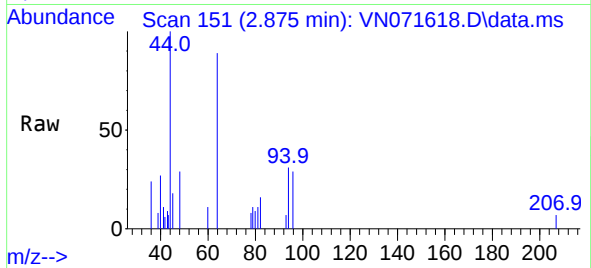




#5
Bromomethane
Concen: 0.474 ug/l
RT: 2.875 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

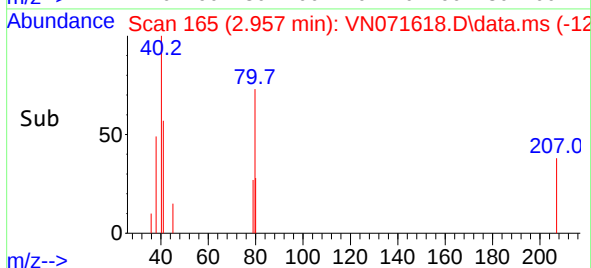
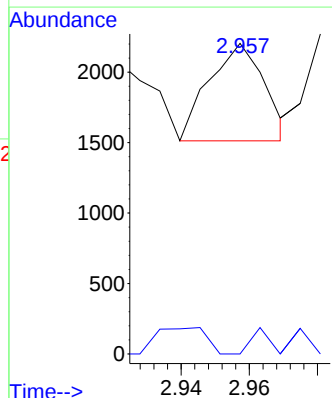
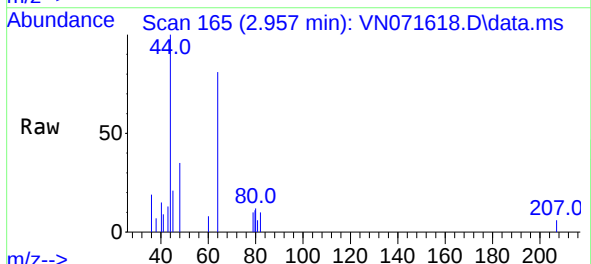
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

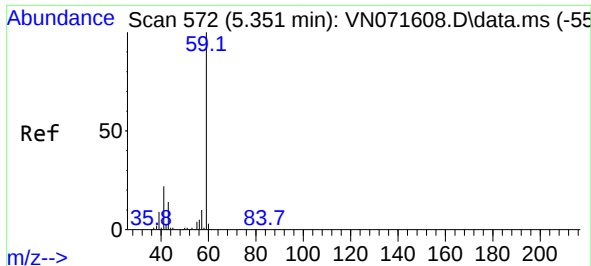
Tgt Ion: 94 Resp: 2430
Ion Ratio Lower Upper
94 100
96 93.5 76.0 114.0



#6
Chloroethane
Concen: Below Cal
RT: 2.957 min Scan# 165
Delta R.T. -0.053 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 64 Resp: 782
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

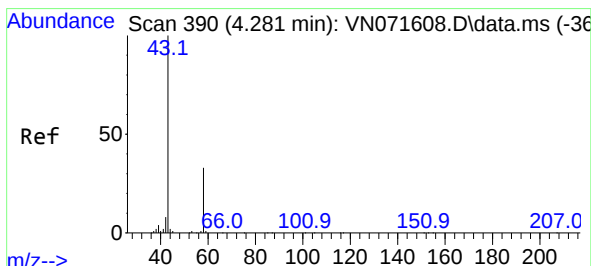
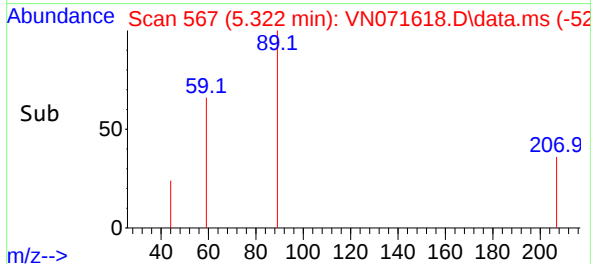
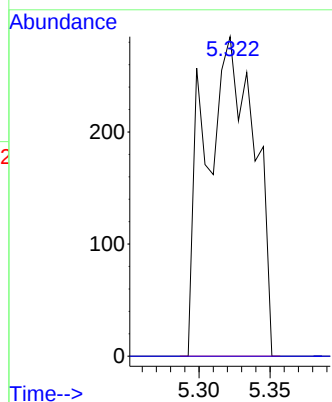
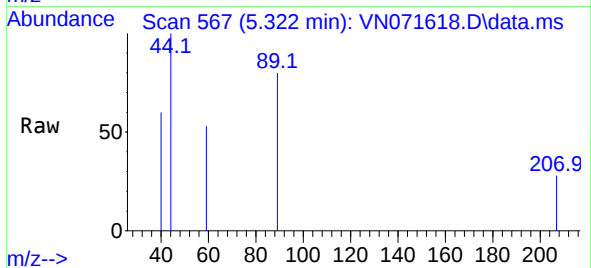




#11
Tert butyl alcohol
Concen: 0.479 ug/l
RT: 5.322 min Scan# 50
Delta R.T. -0.030 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

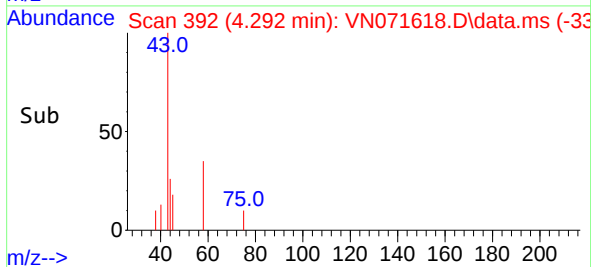
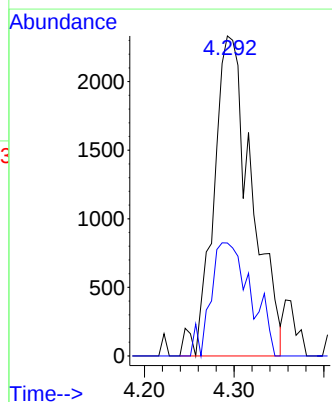
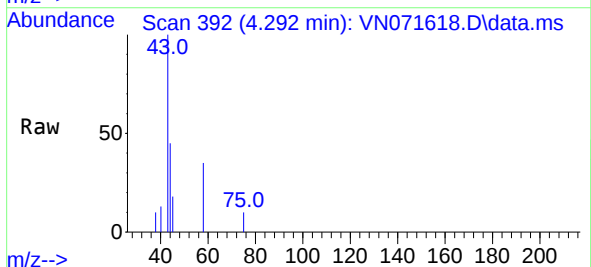
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

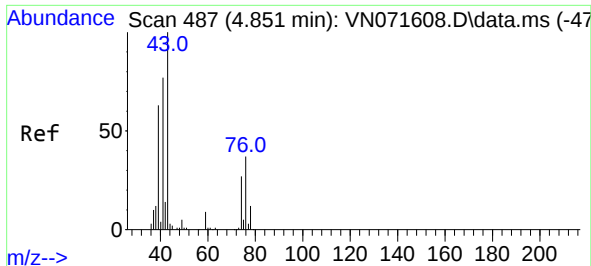
Tgt Ion: 59 Resp: 690
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 2.033 ug/l
RT: 4.292 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 43 Resp: 6842
Ion Ratio Lower Upper
43 100
58 35.3 26.0 39.0

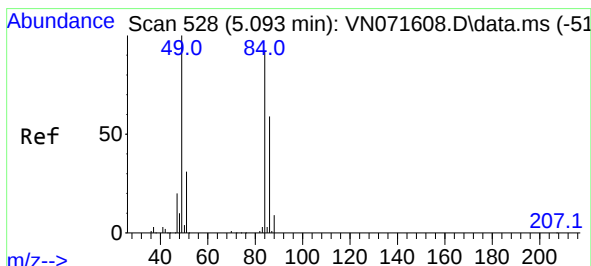
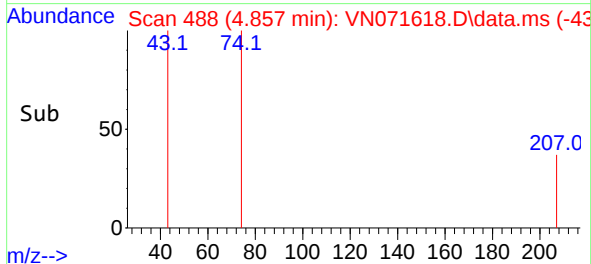
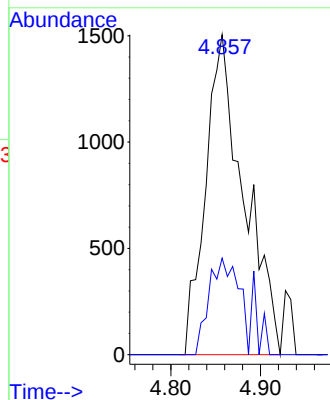
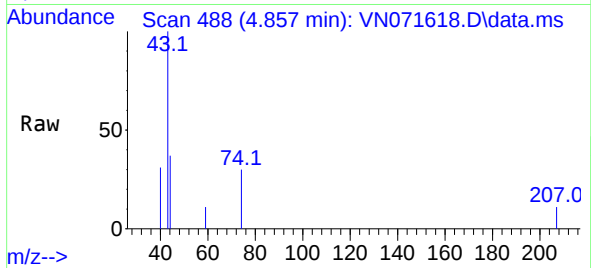




#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

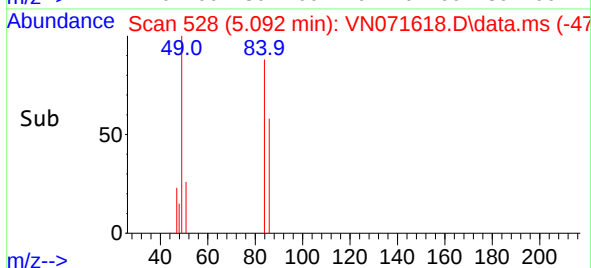
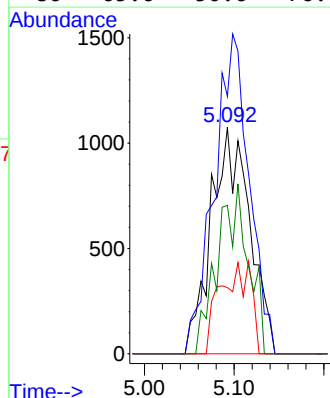
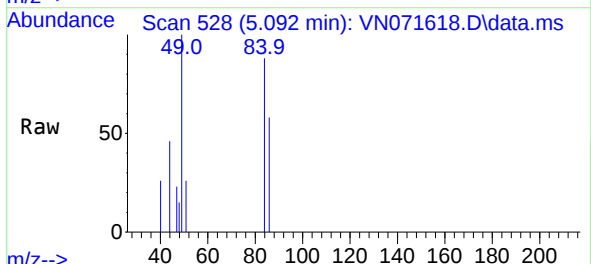
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

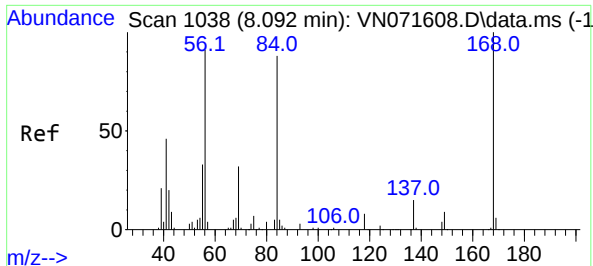
Tgt Ion: 43 Resp: 4463
Ion Ratio Lower Upper
43 100
74 23.2 21.6 32.4



#20
Methylene Chloride
Concen: 0.431 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.001 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 84 Resp: 3205
Ion Ratio Lower Upper
84 100
49 113.7 88.3 132.5
51 29.3 28.2 42.2
86 65.6 50.6 76.0





#31

Cyclohexane

Concen: 1.064 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN071618.D

Acq: 28 Mar 2022 21:33

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

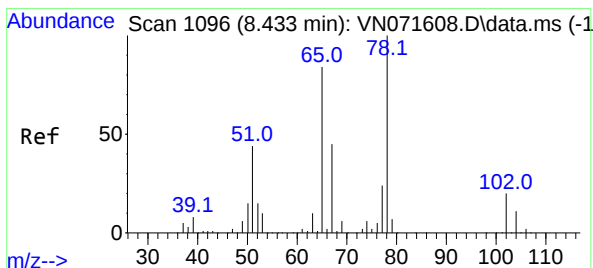
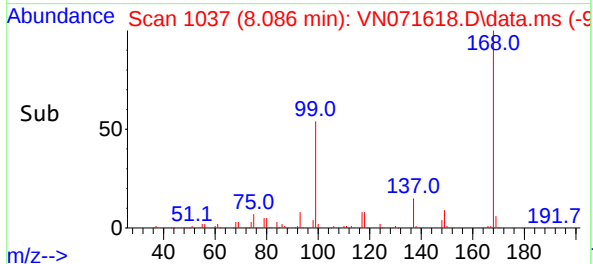
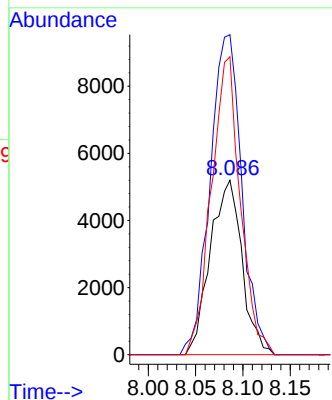
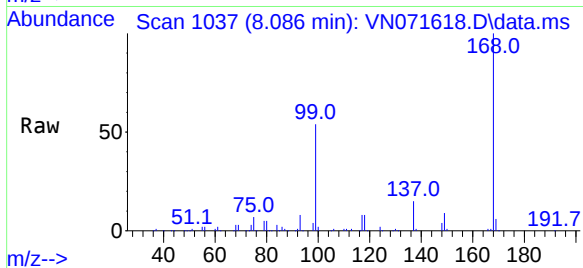
Tgt Ion: 56 Resp: 12130

Ion Ratio Lower Upper

56 100

69 183.4 27.8 41.8#

84 170.8 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 47.786 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071618.D

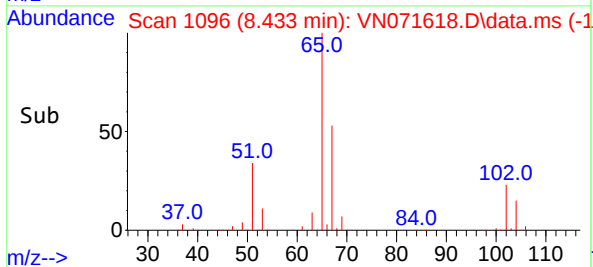
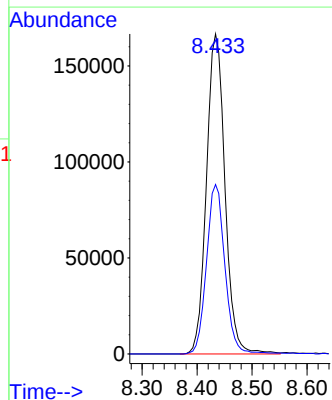
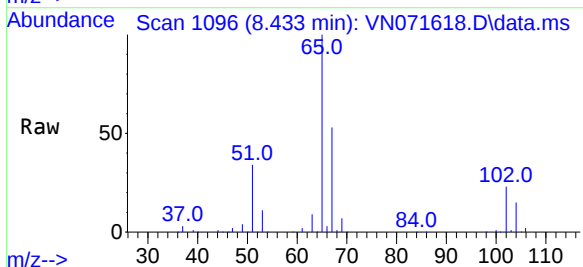
Acq: 28 Mar 2022 21:33

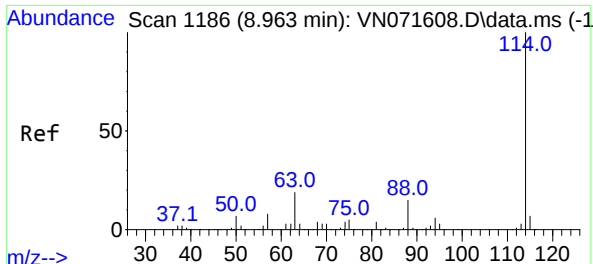
Tgt Ion: 65 Resp: 390135

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.8

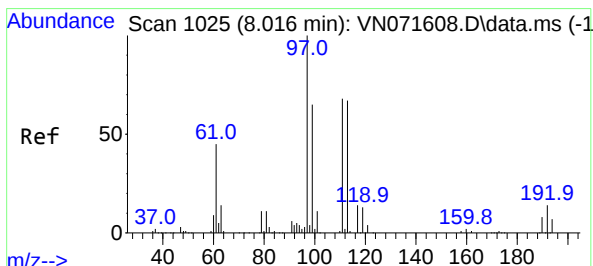
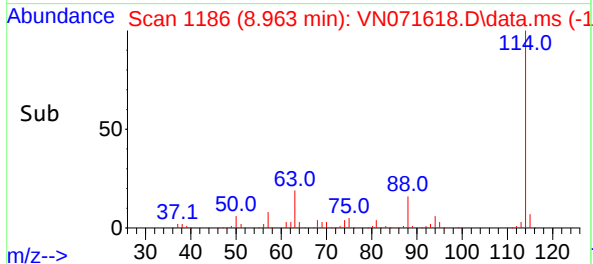
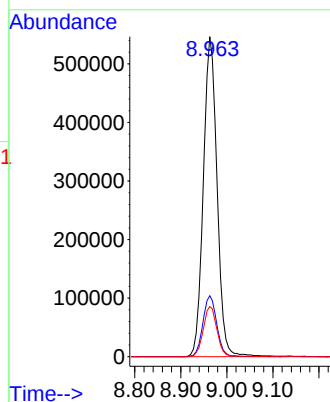
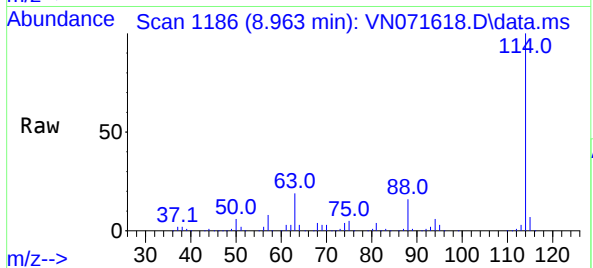




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

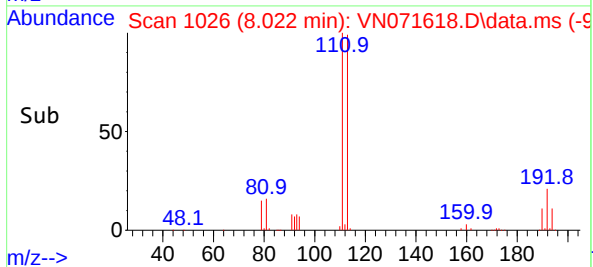
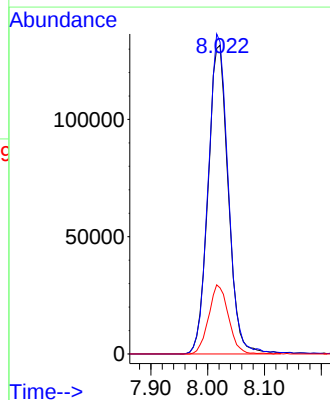
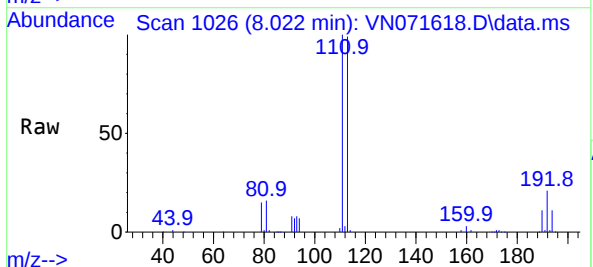
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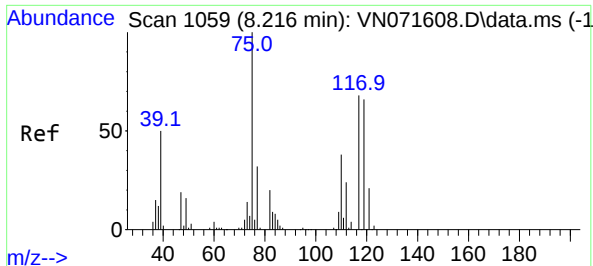
Tgt Ion:114 Resp: 1135879
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 15.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.490 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion:113 Resp: 324316
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 21.9 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.826 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071618.D

Acq: 28 Mar 2022 21:33

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

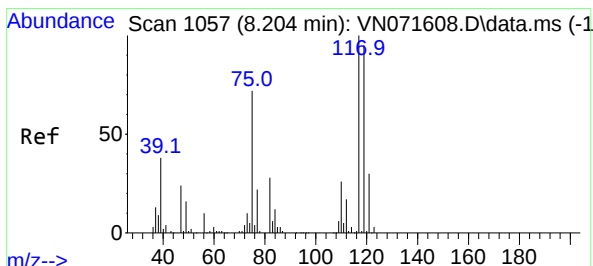
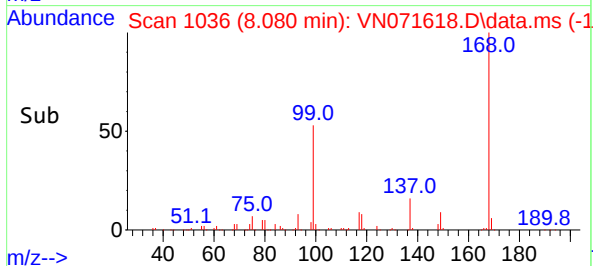
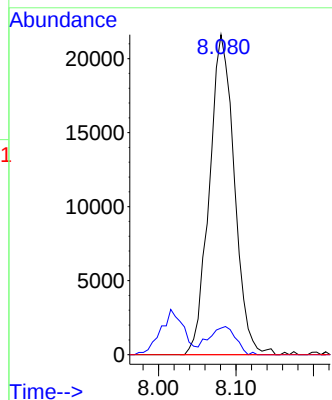
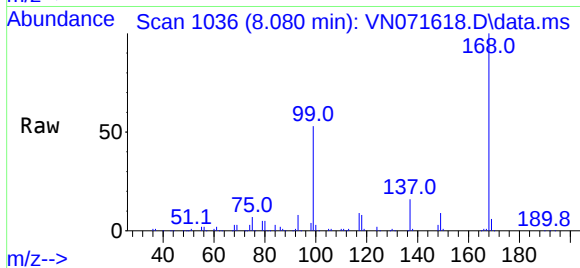
Tgt Ion: 75 Resp: 48399

Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.077 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.124 min

Lab File: VN071618.D

Acq: 28 Mar 2022 21:33

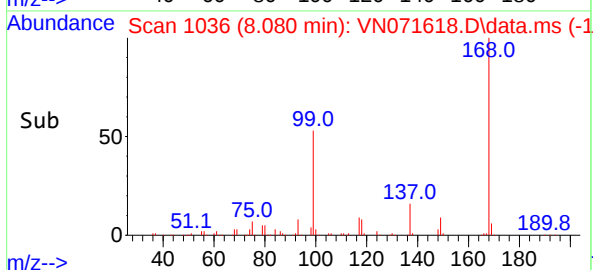
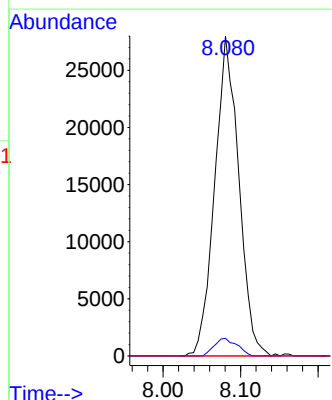
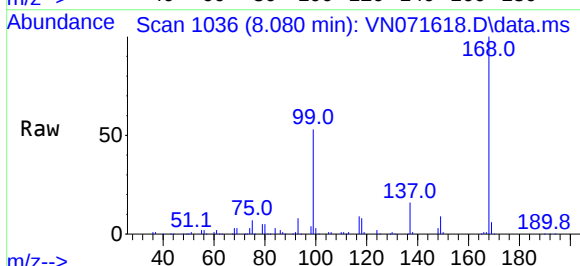
Tgt Ion: 117 Resp: 60392

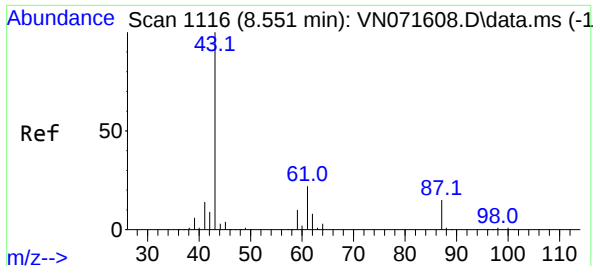
Ion Ratio Lower Upper

117 100

119 5.5 75.8 113.8#

121 0.0 24.6 37.0#

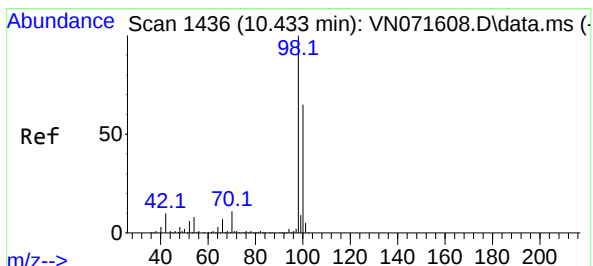
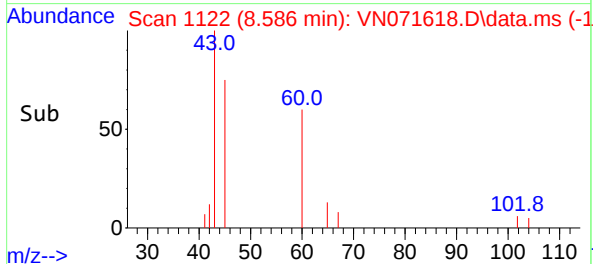
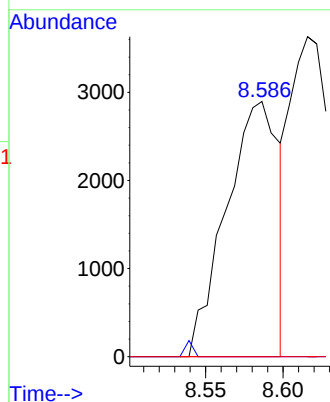
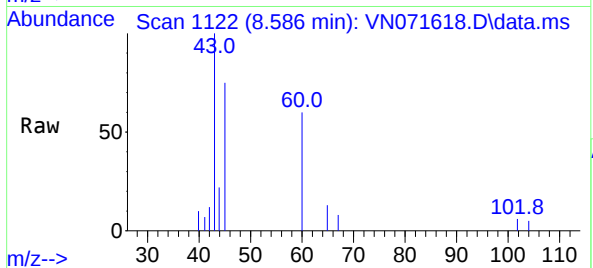




#43
Isopropyl Acetate
Concen: 0.588 ug/l
RT: 8.586 min Scan# 1116
Delta R.T. 0.035 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

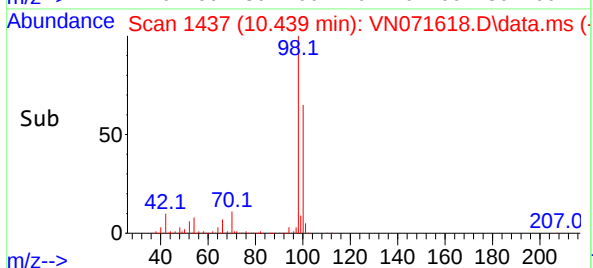
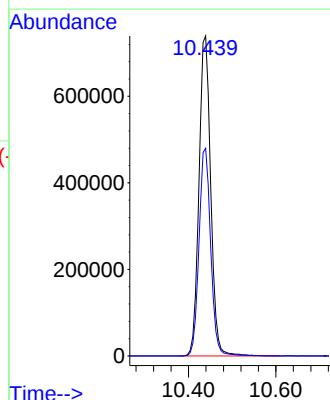
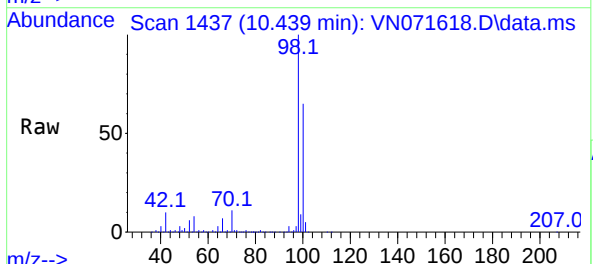
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

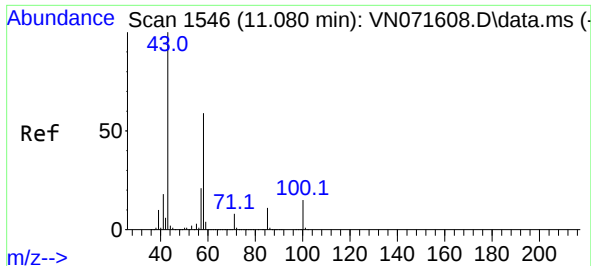
Tgt Ion: 43 Resp: 6813
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 48.047 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 98 Resp: 1382575
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

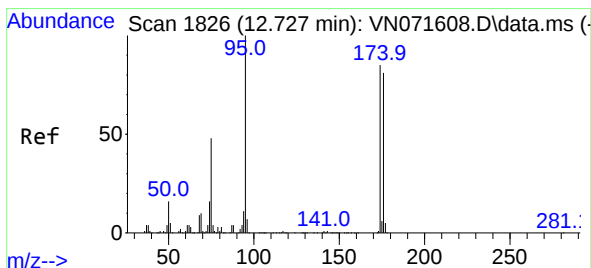
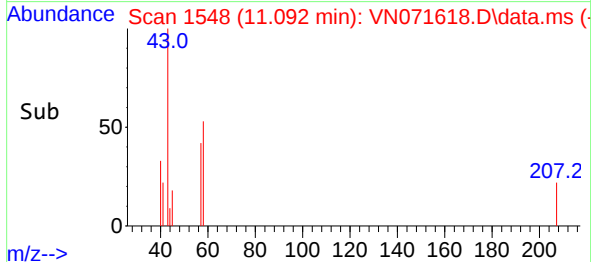
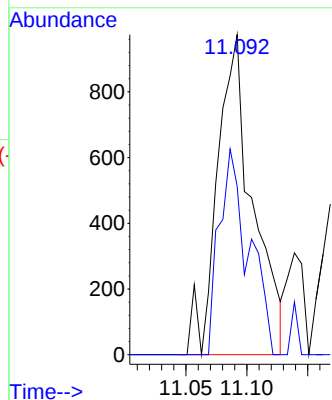
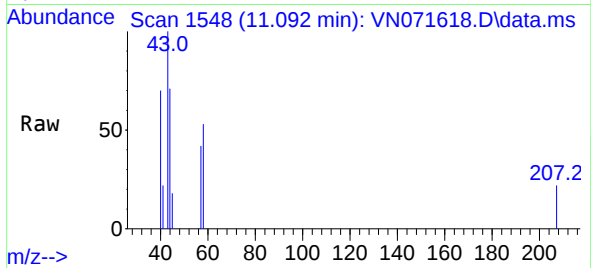




#59
2-Hexanone
Concen: 0.256 ug/l
RT: 11.092 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

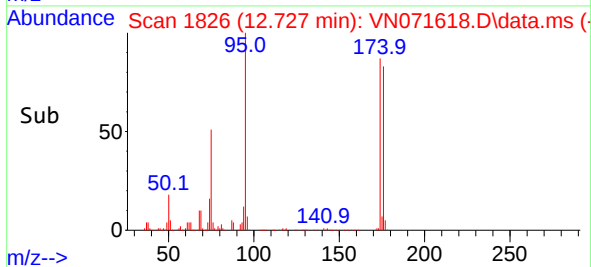
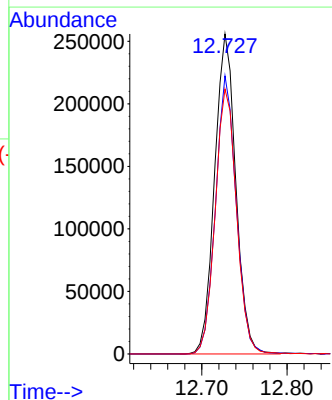
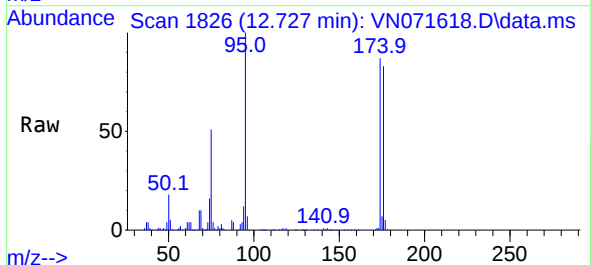
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

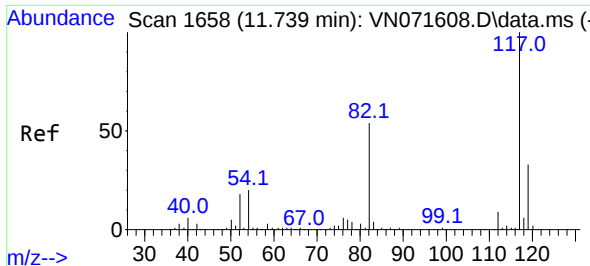
Tgt Ion: 43 Resp: 1970
Ion Ratio Lower Upper
43 100
58 53.7 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 47.106 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 95 Resp: 442189
Ion Ratio Lower Upper
95 100
174 85.1 0.0 167.6
176 83.5 0.0 163.4

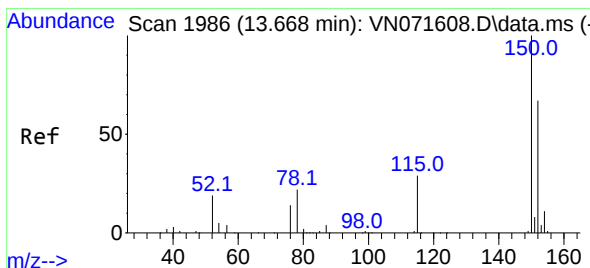
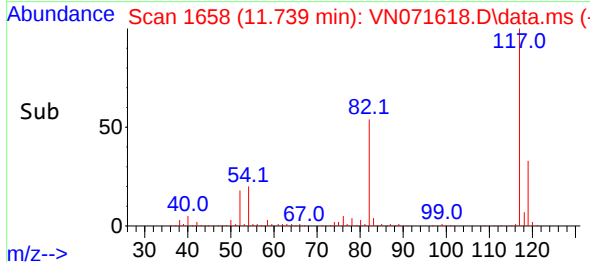
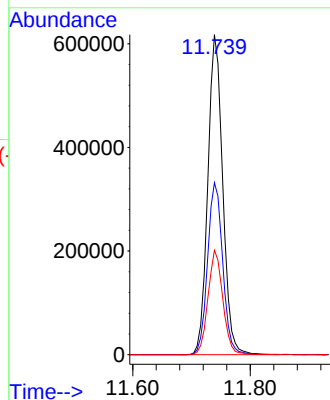
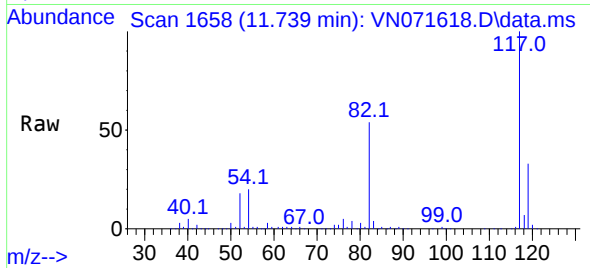




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

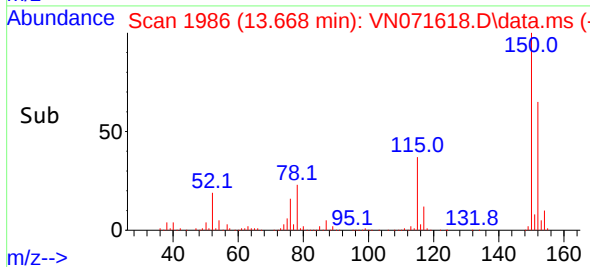
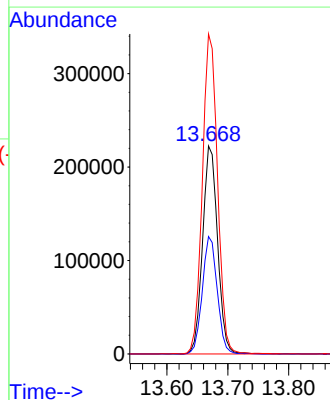
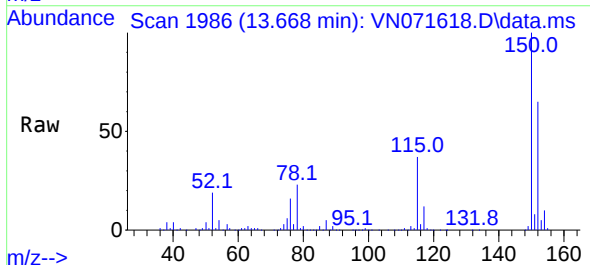
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

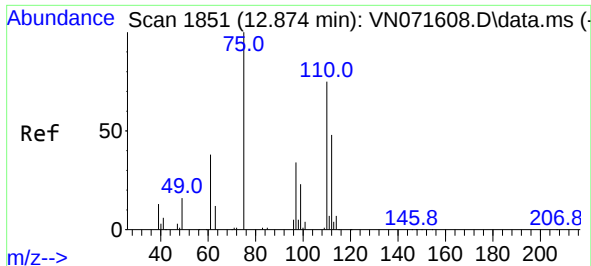
Tgt Ion:117 Resp: 1091446
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion:152 Resp: 381530
Ion Ratio Lower Upper
152 100
115 56.2 28.9 86.7
150 156.0 0.0 356.2

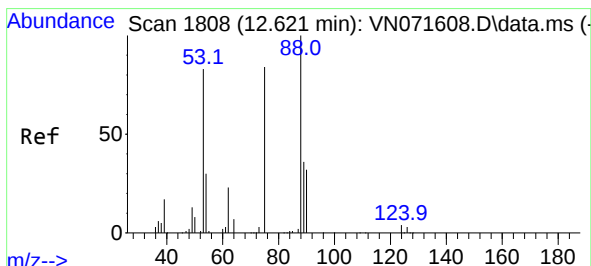
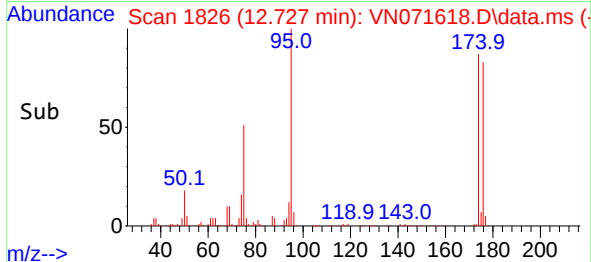
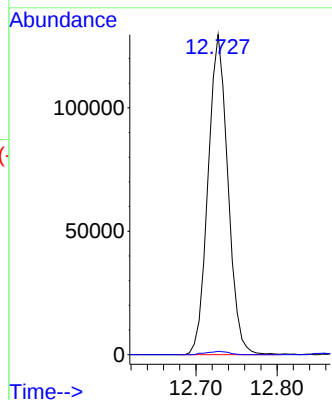
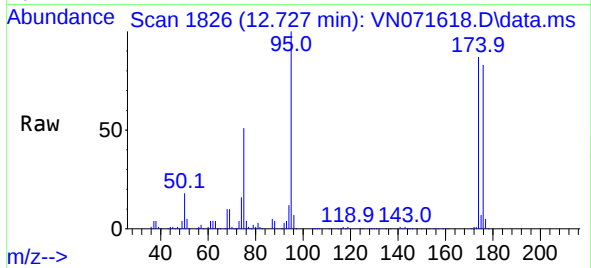




#76
1,2,3-Trichloropropane
Concen: 24.026 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

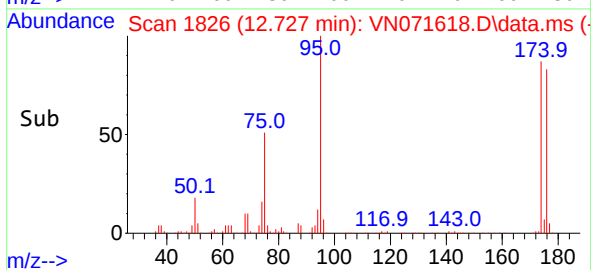
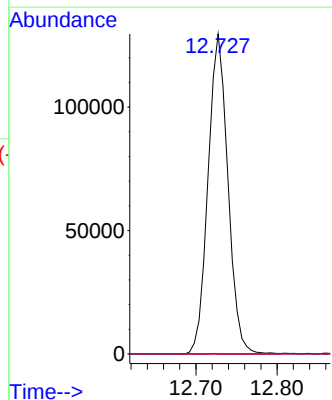
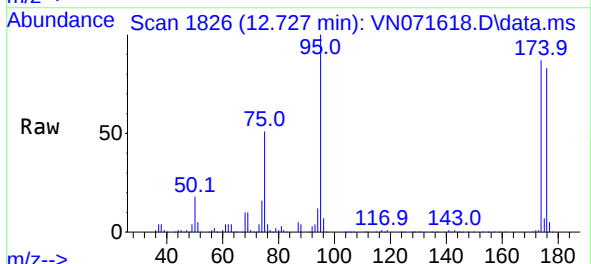
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

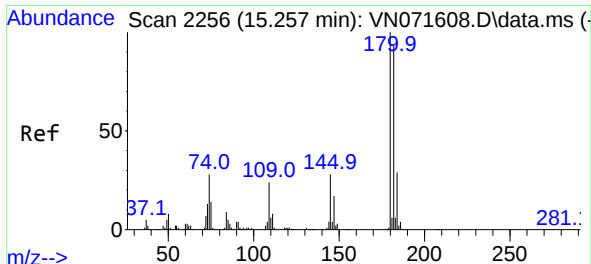
Tgt Ion: 75 Resp: 220100
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.349 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion: 75 Resp: 220100
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

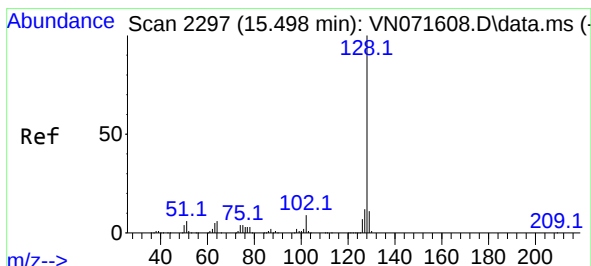
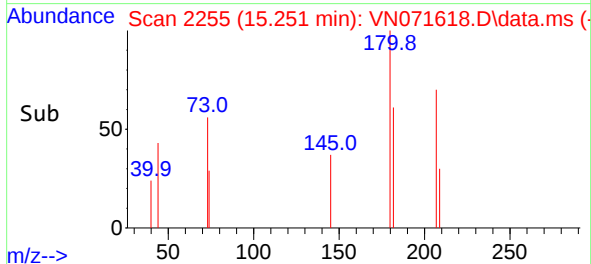
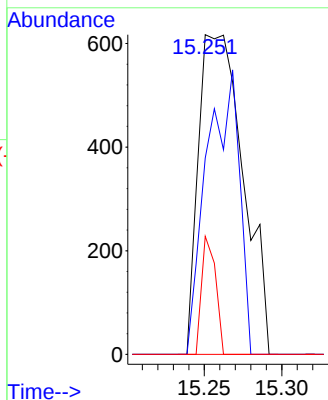
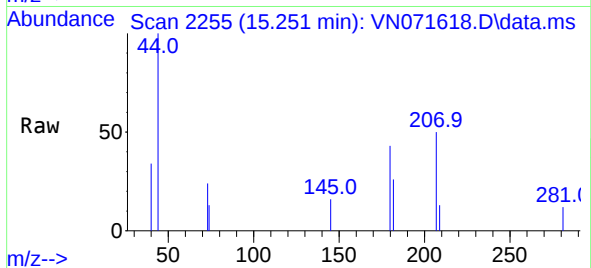




#93
1,2,4-Trichlorobenzene
Concen: 0.212 ug/l
RT: 15.251 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

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

Tgt Ion:180 Resp: 1242
Ion Ratio Lower Upper
180 100
182 64.3 47.5 142.5
145 11.5 14.5 43.5#



#95
Naphthalene
Concen: 4.823 ug/l
RT: 15.509 min Scan# 2299
Delta R.T. 0.011 min
Lab File: VN071618.D
Acq: 28 Mar 2022 21:33

Tgt Ion:128 Resp: 2697
Ion Ratio Lower Upper
128 100
127 5.4 10.3 15.5#
129 5.6 8.6 13.0#

