

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022422\
 Data File : VN071062.D
 Acq On : 24 Feb 2022 17:56
 Operator : JC\MD
 Sample : N1639-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP-SOIL-1-FINAL

Quant Time: Feb 25 02:45:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

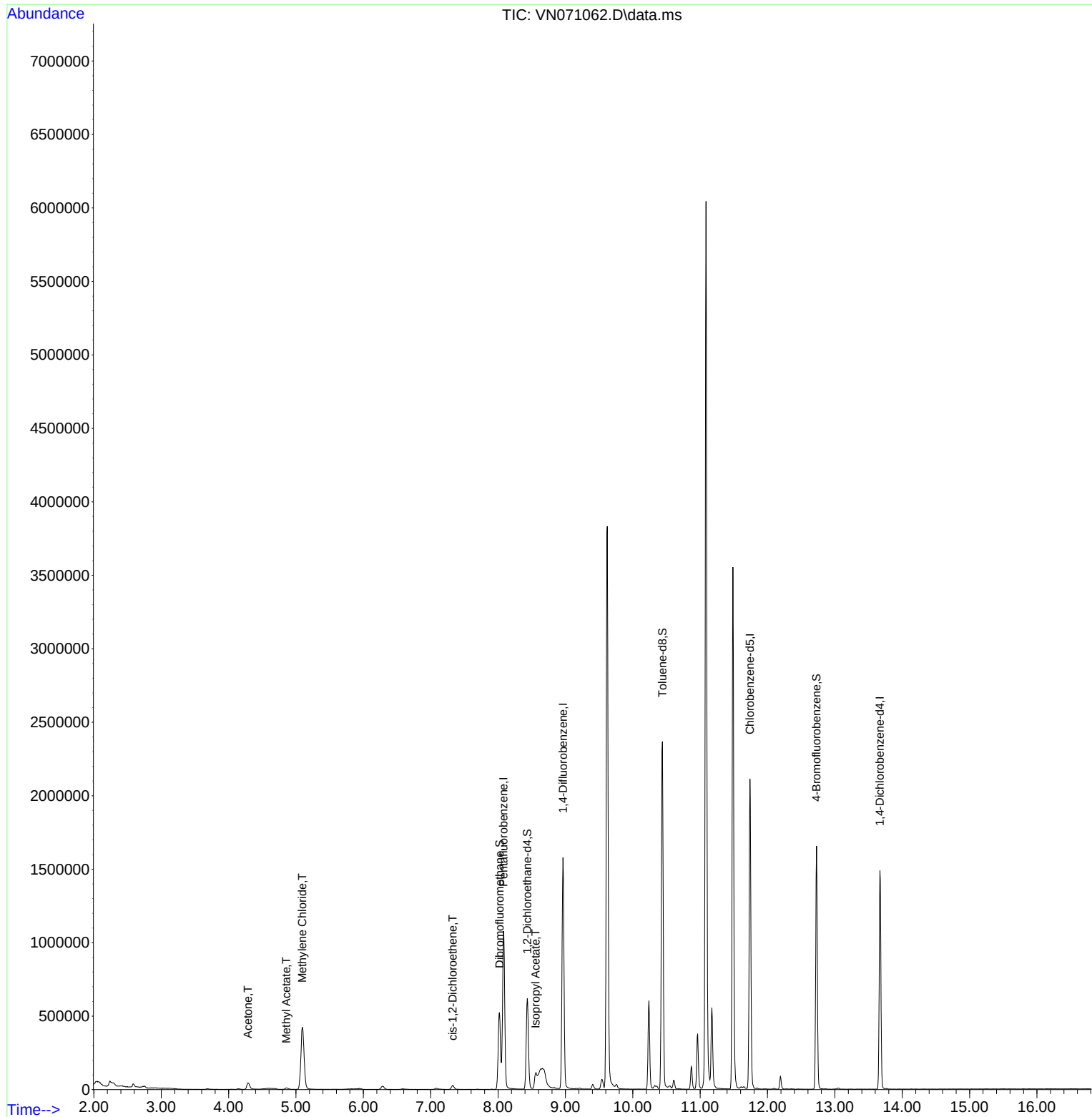
Internal Standards						
1) Pentafluorobenzene	8.081	168	839038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1361287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1232079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	422611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	517020	53.943	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	107.880%
35) Dibromofluoromethane	8.022	113	395350	48.827	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.660%
50) Toluene-d8	10.439	98	1673232	51.458	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.920%
62) 4-Bromofluorobenzene	12.727	95	563348	48.469	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.940%
Target Compounds						
						Qvalue
16) Acetone	4.287	43	87479	16.573	ug/l	98
18) Methyl Acetate	4.857	43	24877	1.569	ug/l	94
20) Methylene Chloride	5.093	84	343777	35.836	ug/l	90
27) cis-1,2-Dichloroethene	7.328	96	12881	1.271	ug/l	97
43) Isopropyl Acetate	8.557	43	130255	5.809	ug/l #	77

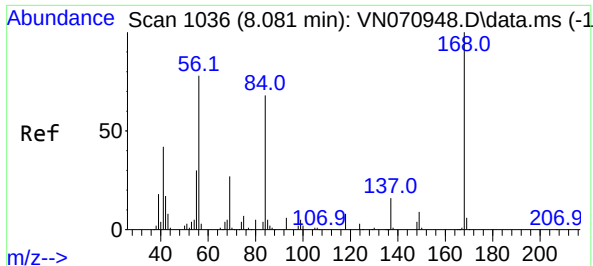
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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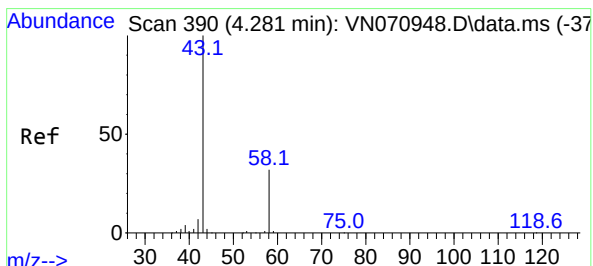
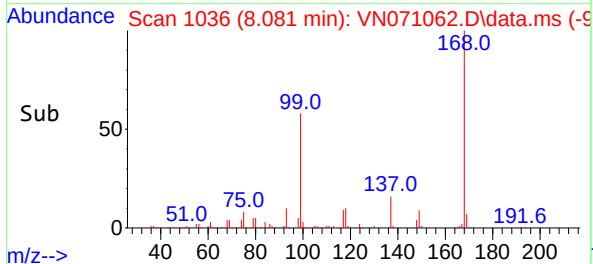
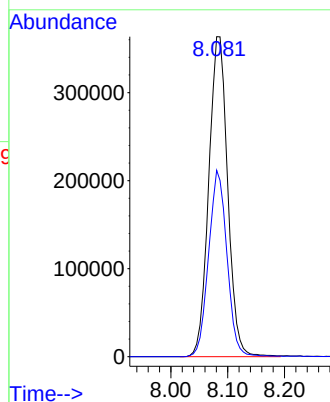
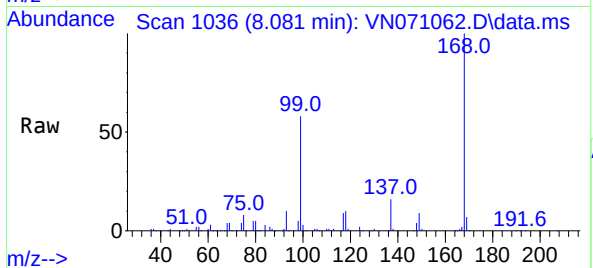




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071062.D
Acq: 24 Feb 2022 17:56

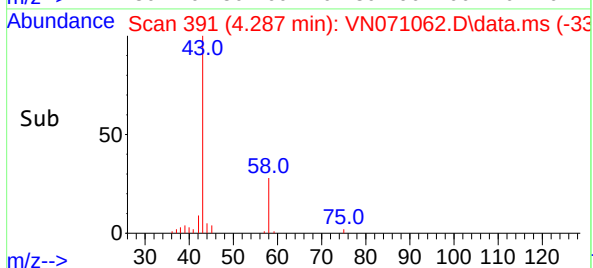
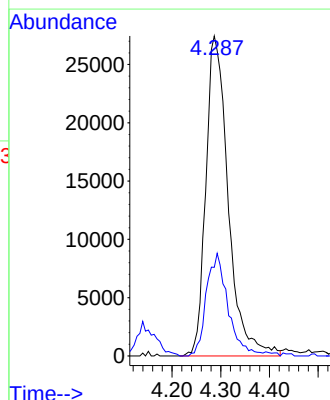
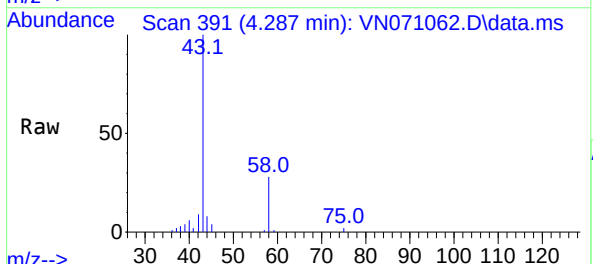
Instrument :
MSVOA_N
ClientSampleId :
WP-SOIL-1-FINAL

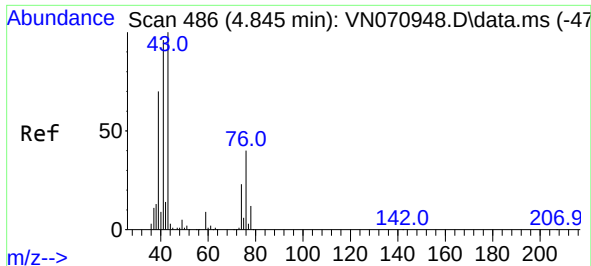
Tgt Ion:168 Resp: 839038
Ion Ratio Lower Upper
168 100
99 58.3 41.3 61.9



#16
Acetone
Concen: 16.573 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071062.D
Acq: 24 Feb 2022 17:56

Tgt Ion: 43 Resp: 87479
Ion Ratio Lower Upper
43 100
58 27.7 23.1 34.7





#18

Methyl Acetate

Concen: 1.569 ug/l

RT: 4.857 min Scan# 486

Delta R.T. 0.012 min

Lab File: VN071062.D

Acq: 24 Feb 2022 17:56

Instrument :

MSVOA_N

ClientSampleId :

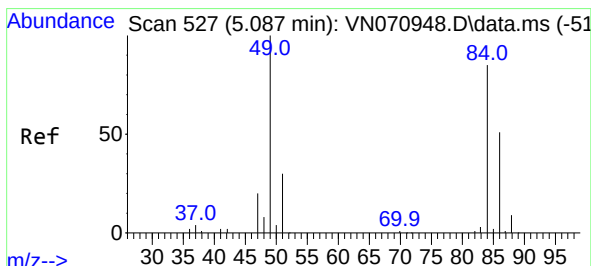
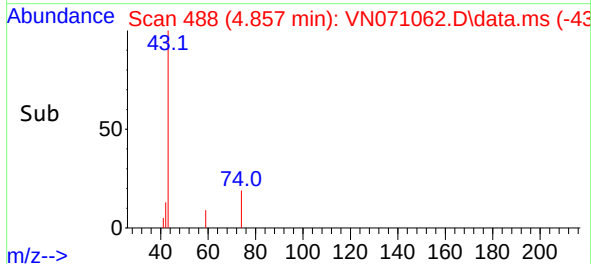
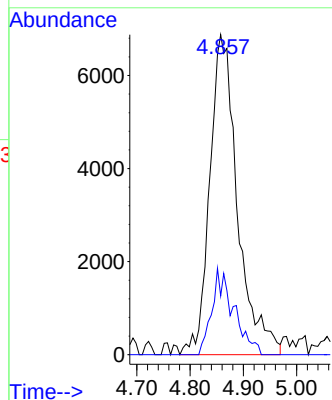
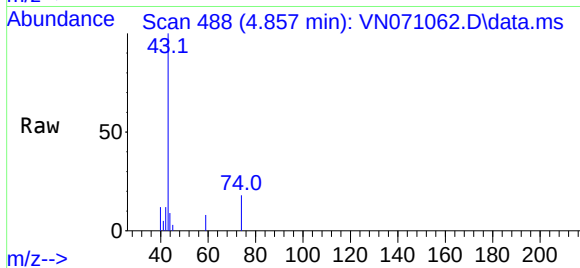
WP-SOIL-1-FINAL

Tgt Ion: 43 Resp: 24877

Ion Ratio Lower Upper

43 100

74 21.3 19.4 29.2



#20

Methylene Chloride

Concen: 35.836 ug/l

RT: 5.093 min Scan# 528

Delta R.T. 0.006 min

Lab File: VN071062.D

Acq: 24 Feb 2022 17:56

Tgt Ion: 84 Resp: 343777

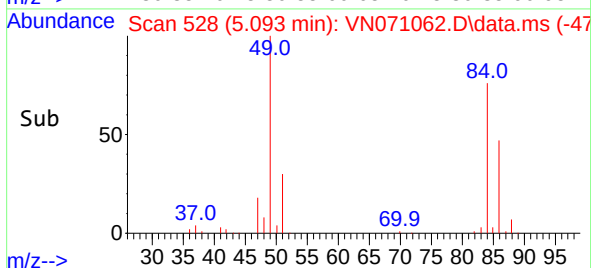
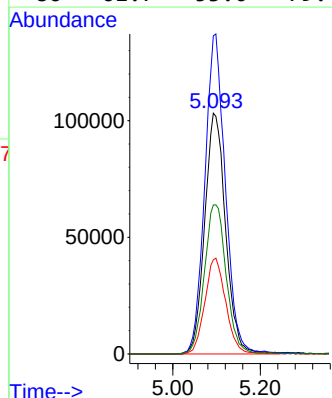
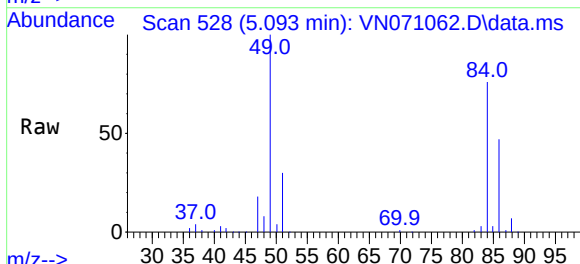
Ion Ratio Lower Upper

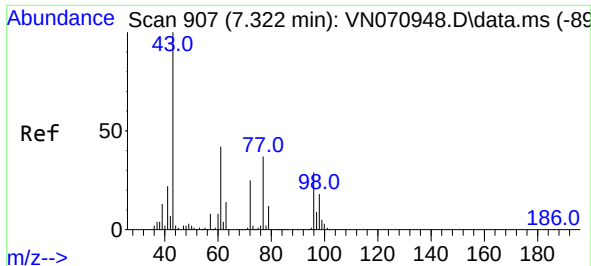
84 100

49 131.9 93.5 140.3

51 39.0 29.4 44.2

86 61.7 53.0 79.4

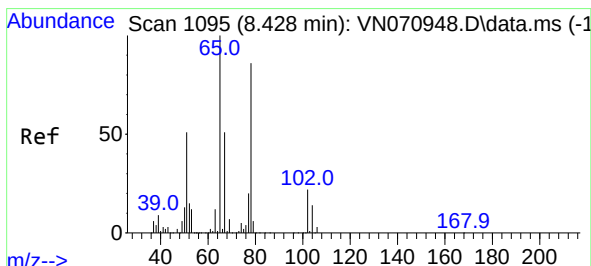
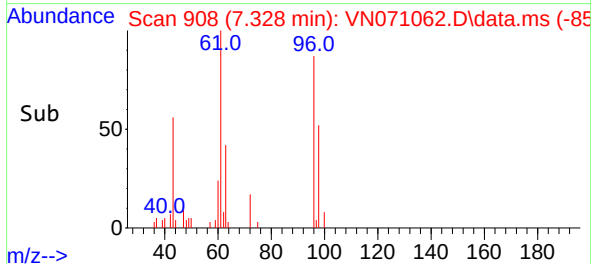
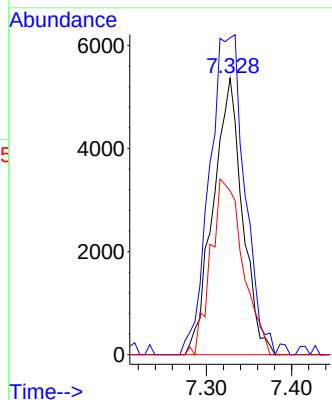
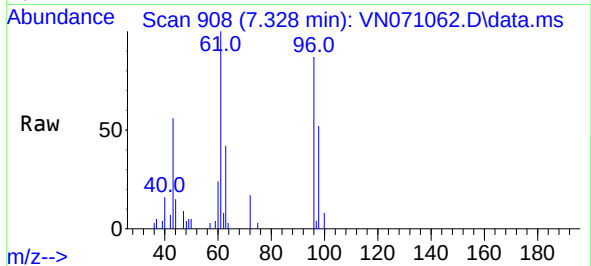




#27
 cis-1,2-Dichloroethene
 Concen: 1.271 ug/l
 RT: 7.328 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VN071062.D
 Acq: 24 Feb 2022 17:56

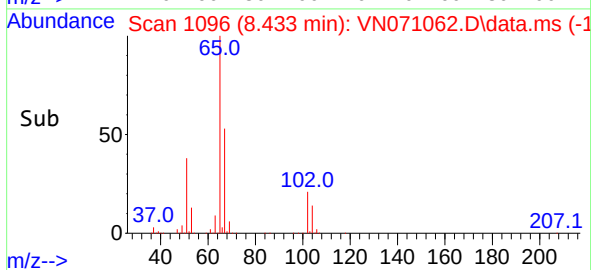
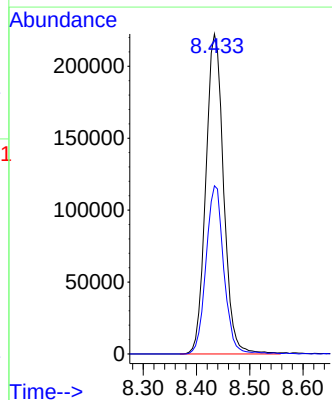
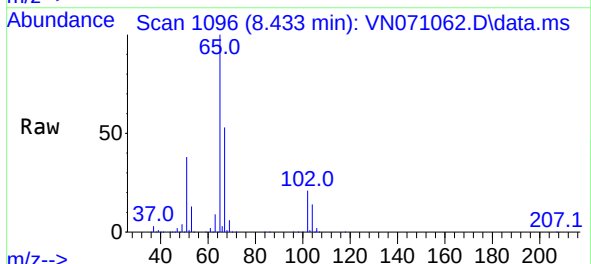
Instrument :
 MSVOA_N
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 WP-SOIL-1-FINAL

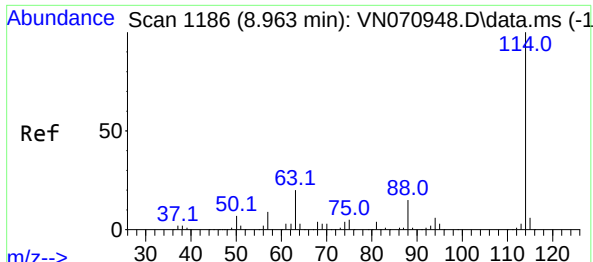
Tgt Ion: 96 Resp: 12881
 Ion Ratio Lower Upper
 96 100
 61 139.6 0.0 275.0
 98 69.0 0.0 129.6



#33
 1,2-Dichloroethane-d4
 Concen: 53.943 ug/l
 RT: 8.433 min Scan# 1096
 Delta R.T. 0.006 min
 Lab File: VN071062.D
 Acq: 24 Feb 2022 17:56

Tgt Ion: 65 Resp: 517020
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.0

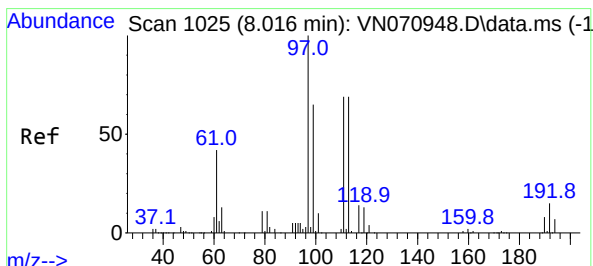
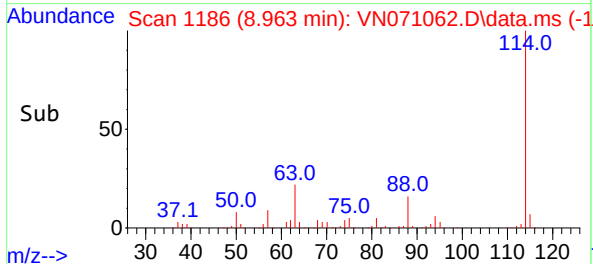
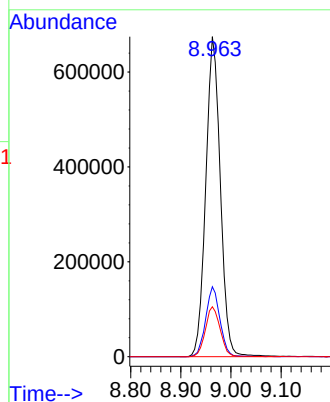
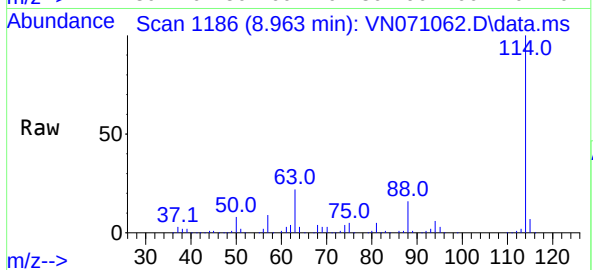




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071062.D
Acq: 24 Feb 2022 17:56

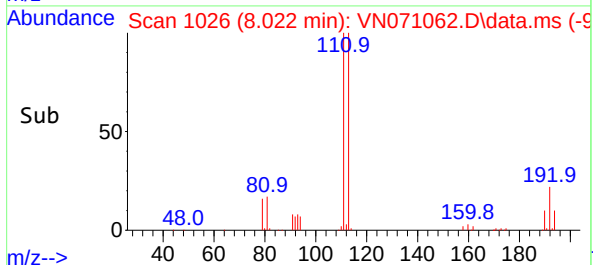
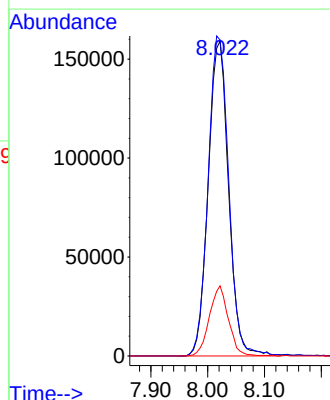
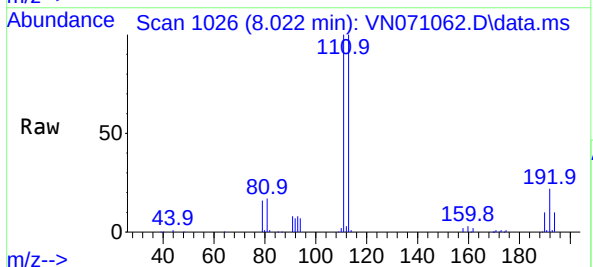
Instrument :
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ClientSampleId :
WP-SOIL-1-FINAL

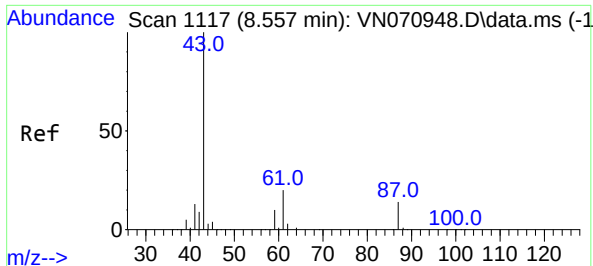
Tgt Ion:114 Resp: 1361287
Ion Ratio Lower Upper
114 100
63 21.8 0.0 37.8
88 15.6 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.827 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071062.D
Acq: 24 Feb 2022 17:56

Tgt Ion:113 Resp: 395350
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 20.8 16.9 25.3

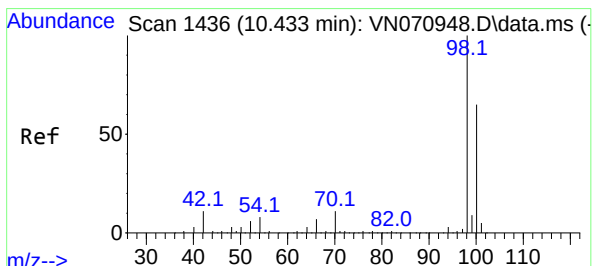
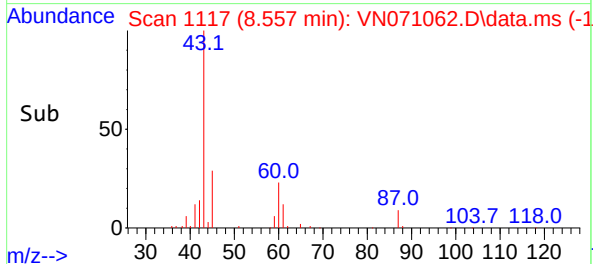
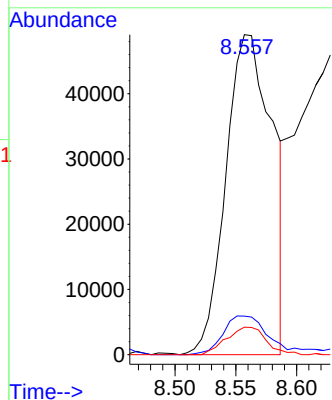
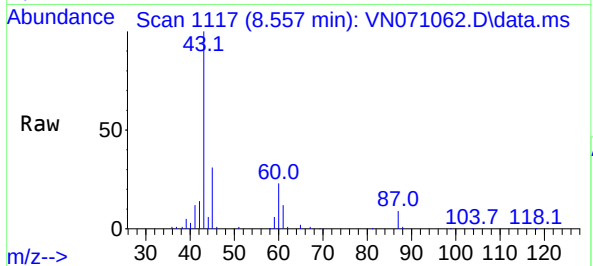




#43
Isopropyl Acetate
Concen: 5.809 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071062.D
Acq: 24 Feb 2022 17:56

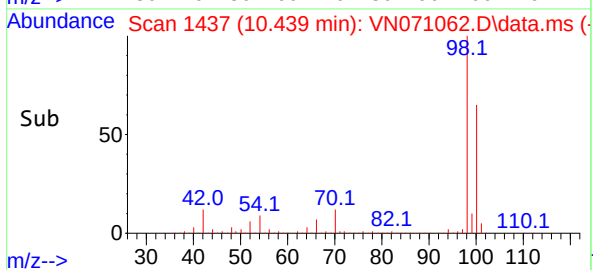
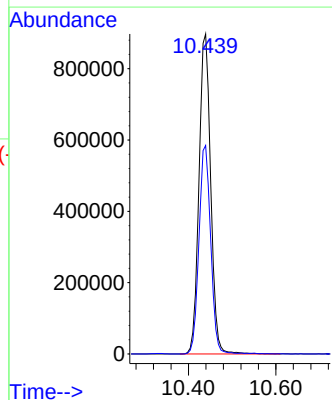
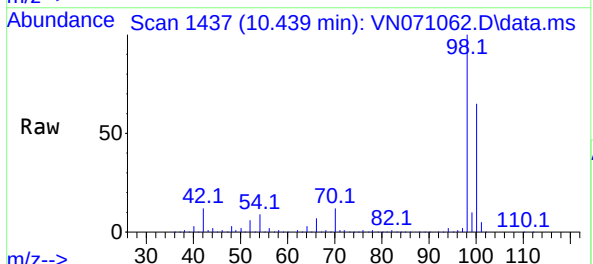
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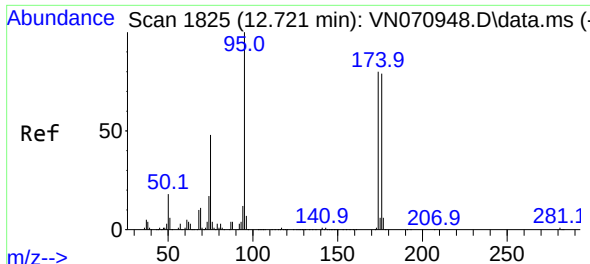
Tgt Ion: 43 Resp: 130255
Ion Ratio Lower Upper
43 100
61 12.3 20.4 30.6#
87 7.3 11.2 16.8#



#50
Toluene-d8
Concen: 51.458 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071062.D
Acq: 24 Feb 2022 17:56

Tgt Ion: 98 Resp: 1673232
Ion Ratio Lower Upper
98 100
100 65.1 50.4 75.6

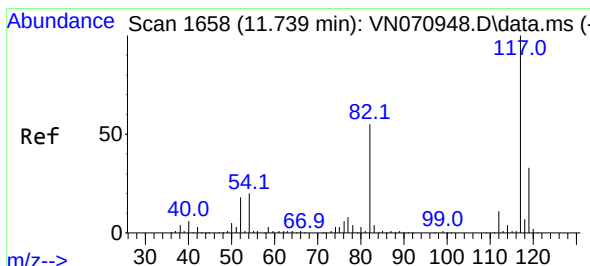
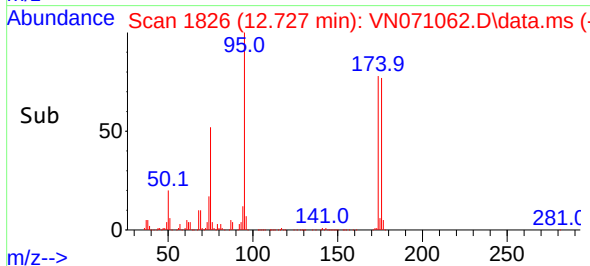
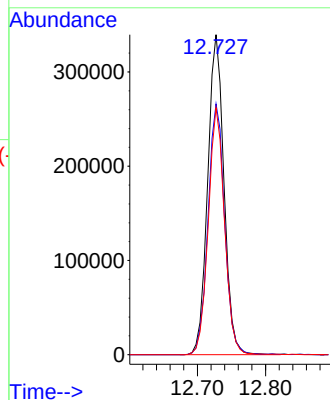
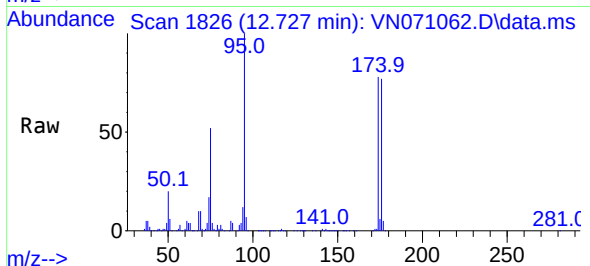




#62
4-Bromofluorobenzene
Concen: 48.469 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071062.D
Acq: 24 Feb 2022 17:56

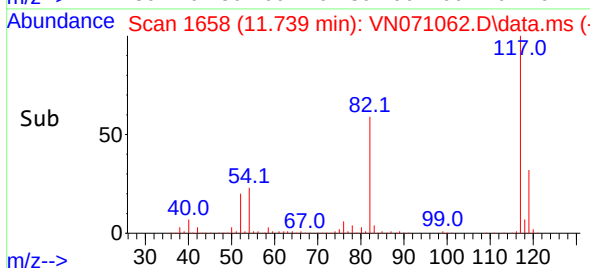
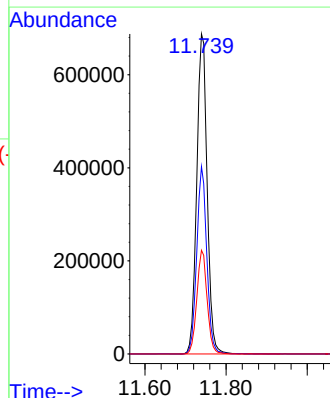
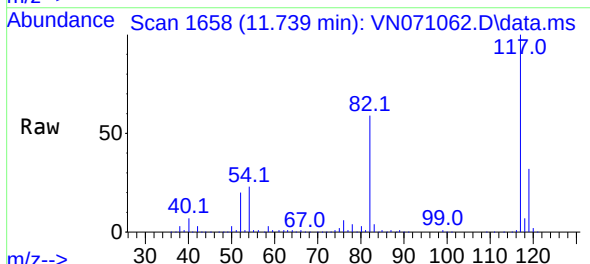
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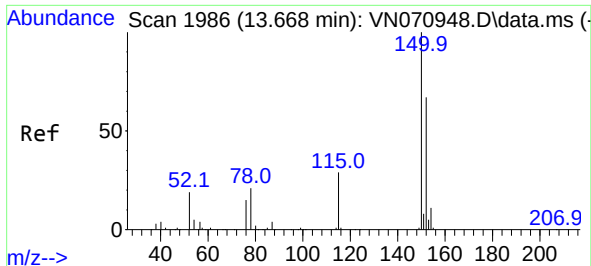
Tgt Ion: 95 Resp: 563348
Ion Ratio Lower Upper
95 100
174 80.2 0.0 187.2
176 77.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071062.D
Acq: 24 Feb 2022 17:56

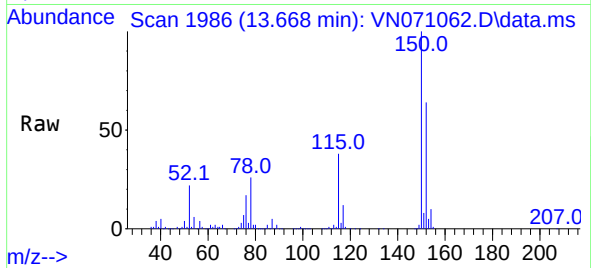
Tgt Ion: 117 Resp: 1232079
Ion Ratio Lower Upper
117 100
82 58.5 42.4 63.6
119 32.4 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN071062.D
 Acq: 24 Feb 2022 17:56

Instrument :
 MSVOA_N
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 WP-SOIL-1-FINAL



Tgt Ion:152 Resp: 422611

Ion	Ratio	Lower	Upper
152	100		
115	58.4	27.5	82.5
150	156.0	0.0	344.4

