

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022422\
 Data File : VN071063.D
 Acq On : 24 Feb 2022 18:20
 Operator : JC\MD
 Sample : N1650-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-SURFICIAL-SOIL-(SW-SS)

Quant Time: Feb 25 02:45:42 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)

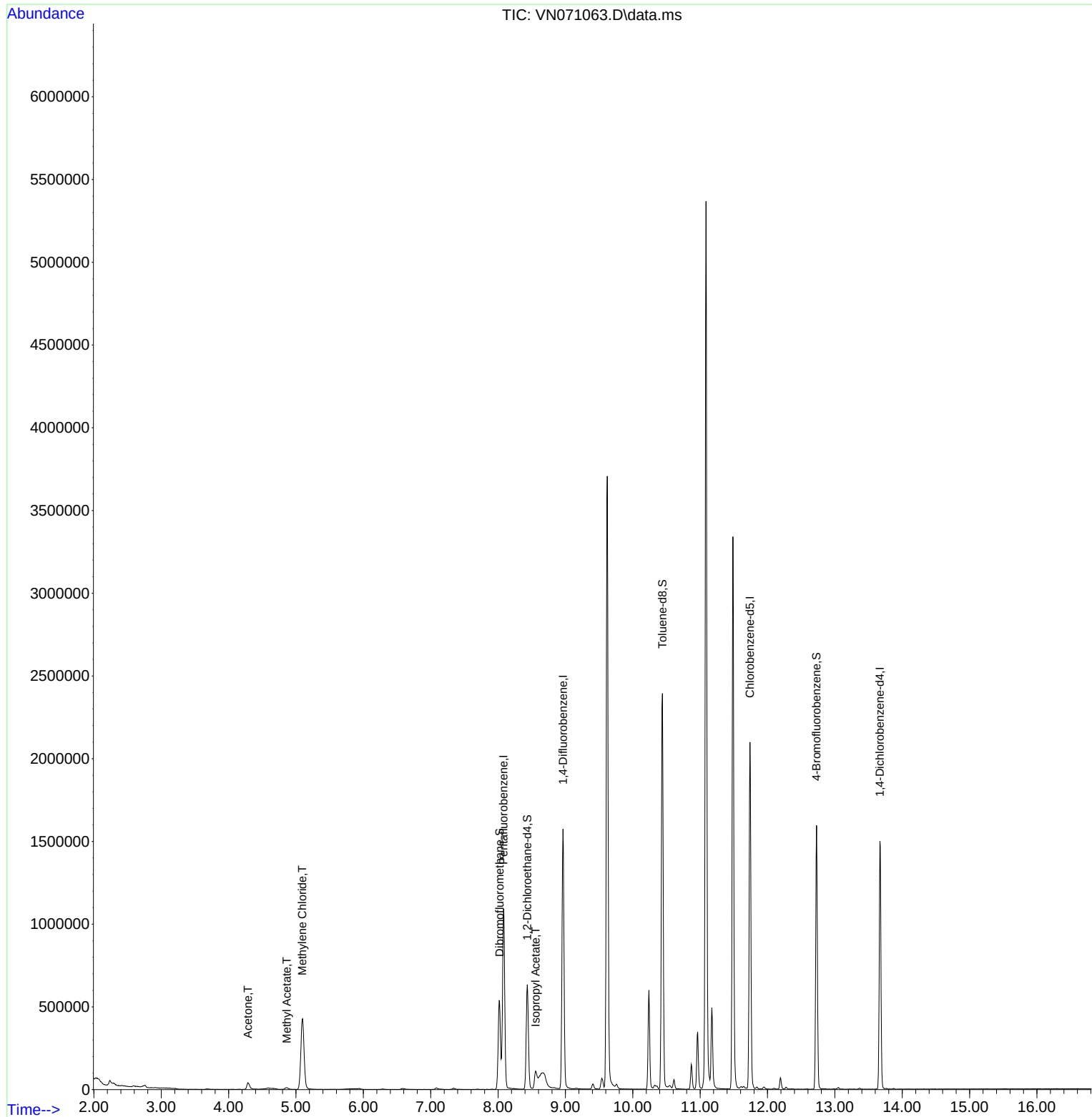
Internal Standards						
1) Pentafluorobenzene	8.080	168	851543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1374758	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1234174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	422390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	519528	53.409	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.820%			
35) Dibromofluoromethane	8.022	113	401400	49.089	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.180%			
50) Toluene-d8	10.439	98	1689605	51.452	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.900%			
62) 4-Bromofluorobenzene	12.727	95	558984	47.622	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.240%			
Target Compounds					Qvalue	
16) Acetone	4.287	43	70722	13.202	ug/l	94
18) Methyl Acetate	4.863	43	24772	1.528	ug/l	92
20) Methylene Chloride	5.092	84	344970	35.433	ug/l	96
43) Isopropyl Acetate	8.557	43	132854	5.866	ug/l #	76

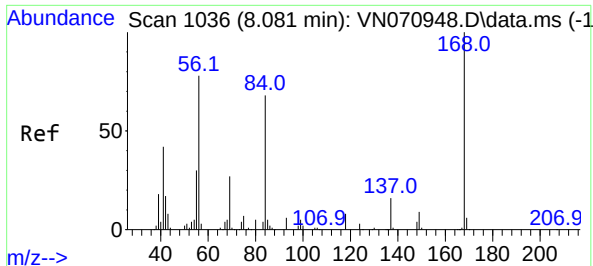
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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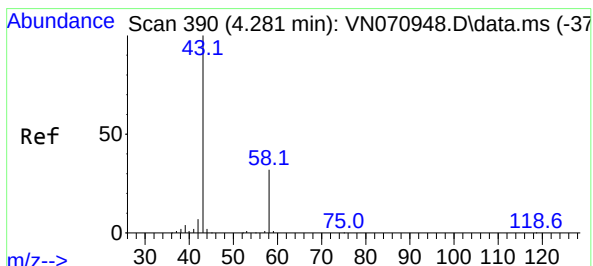
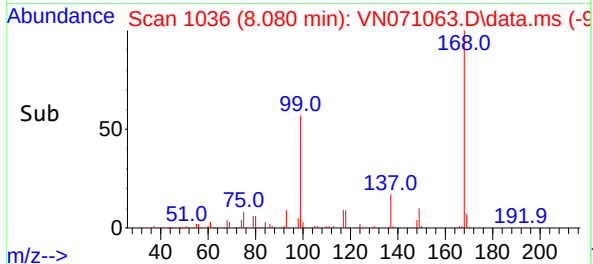
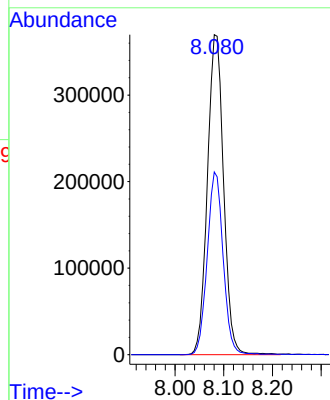
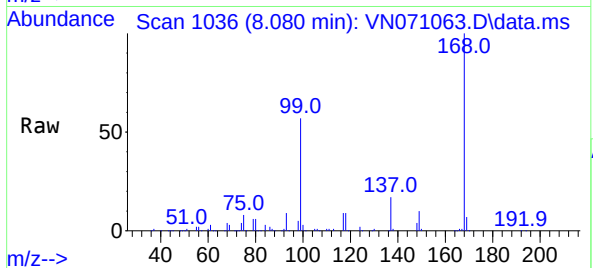




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN071063.D
Acq: 24 Feb 2022 18:20

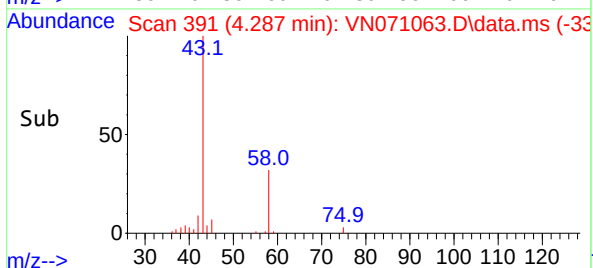
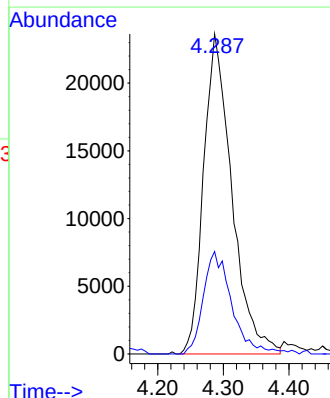
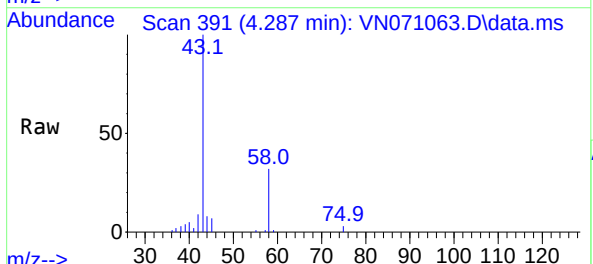
Instrument :
MSVOA_N
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)

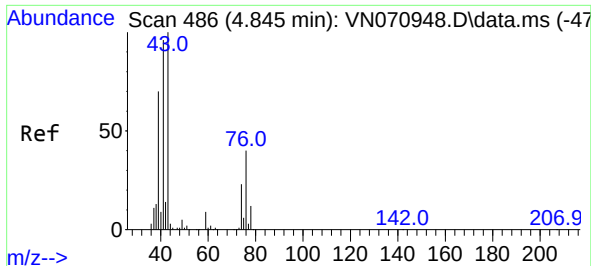
Tgt Ion:168 Resp: 851543
Ion Ratio Lower Upper
168 100
99 57.1 41.3 61.9



#16
Acetone
Concen: 13.202 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071063.D
Acq: 24 Feb 2022 18:20

Tgt Ion: 43 Resp: 70722
Ion Ratio Lower Upper
43 100
58 32.0 23.1 34.7

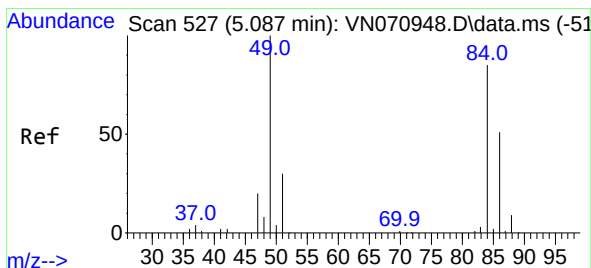
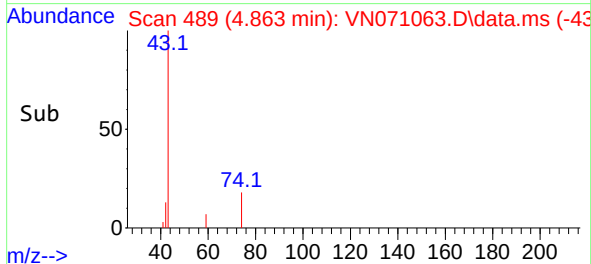
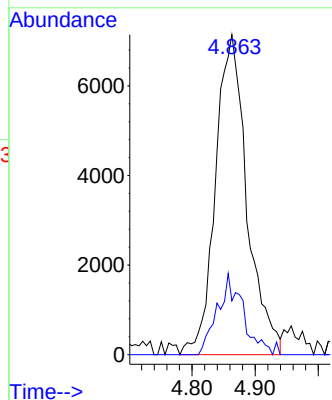
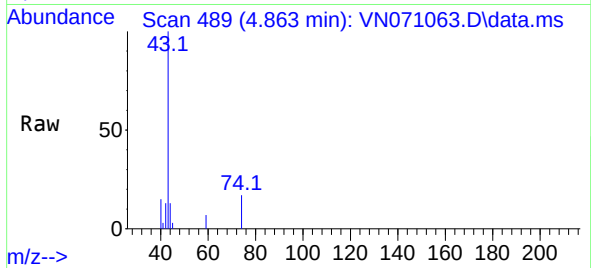




#18
Methyl Acetate
Concen: 1.528 ug/l
RT: 4.863 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN071063.D
Acq: 24 Feb 2022 18:20

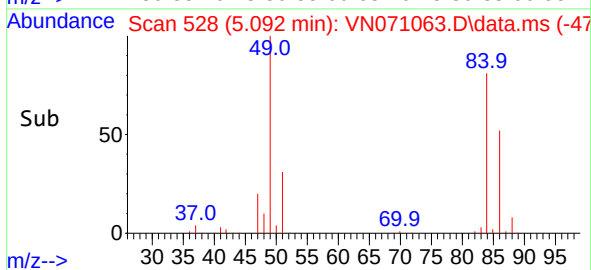
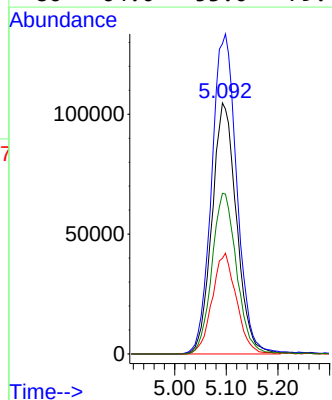
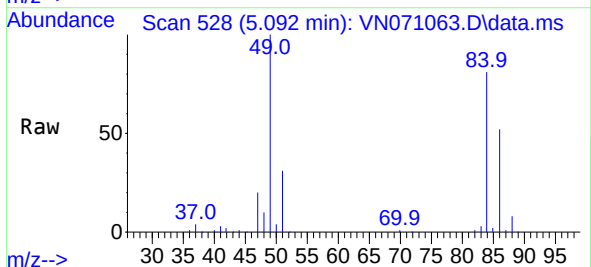
Instrument :
MSVOA_N
ClientSampleId :
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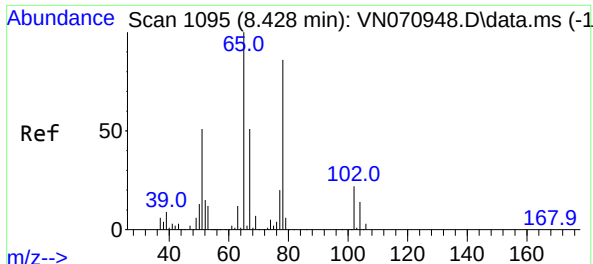
Tgt Ion: 43 Resp: 24772
Ion Ratio Lower Upper
43 100
74 20.5 19.4 29.2



#20
Methylene Chloride
Concen: 35.433 ug/l
RT: 5.092 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN071063.D
Acq: 24 Feb 2022 18:20

Tgt Ion: 84 Resp: 344970
Ion Ratio Lower Upper
84 100
49 123.6 93.5 140.3
51 38.2 29.4 44.2
86 64.0 53.0 79.4

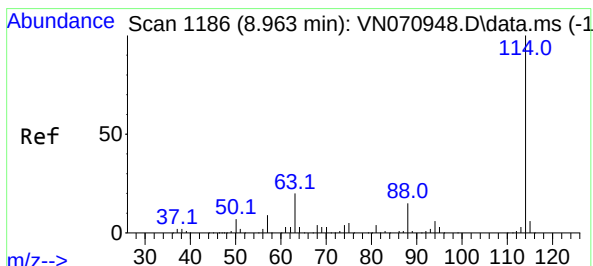
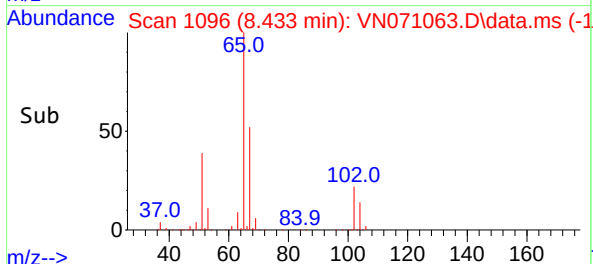
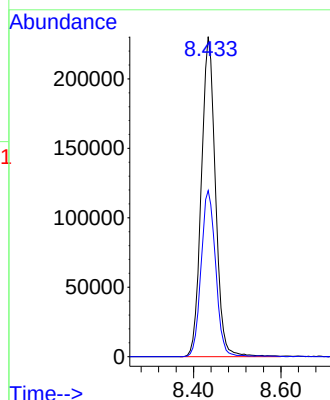
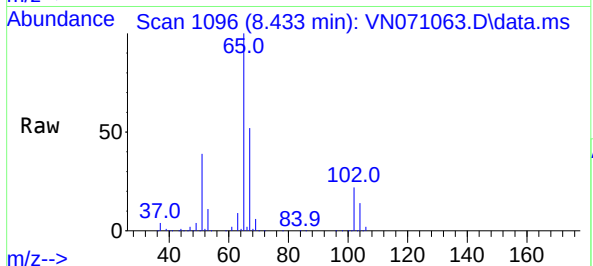




#33
1,2-Dichloroethane-d4
Concen: 53.409 ug/l
RT: 8.433 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071063.D
Acq: 24 Feb 2022 18:20

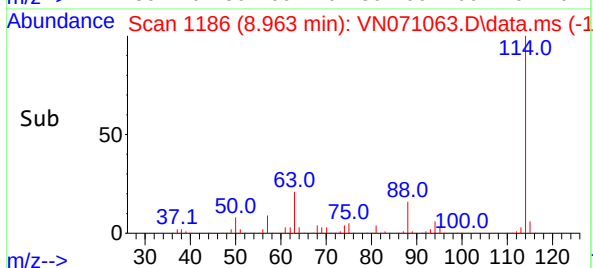
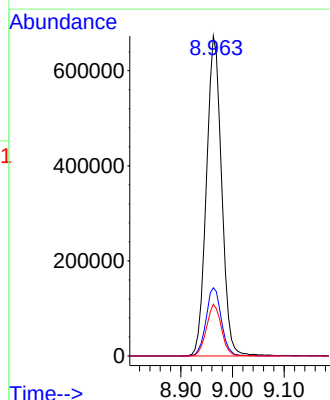
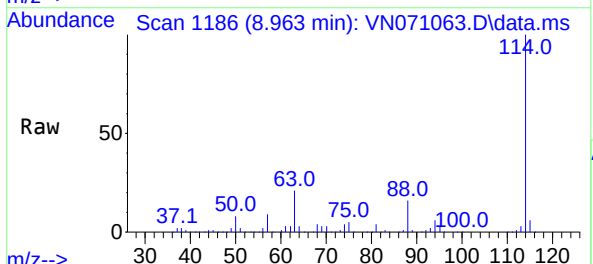
Instrument :
MSVOA_N
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)

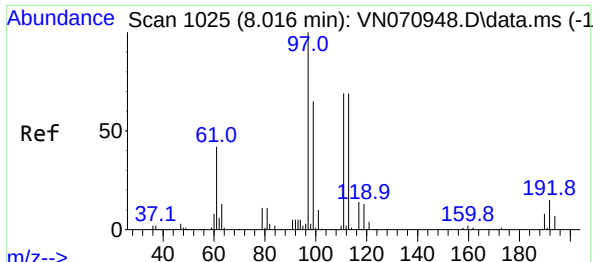
Tgt Ion: 65 Resp: 519528
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071063.D
Acq: 24 Feb 2022 18:20

Tgt Ion: 114 Resp: 1374758
Ion Ratio Lower Upper
114 100
63 21.3 0.0 37.8
88 16.2 0.0 27.4





#35

Dibromofluoromethane

Concen: 49.089 ug/l

RT: 8.022 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN071063.D

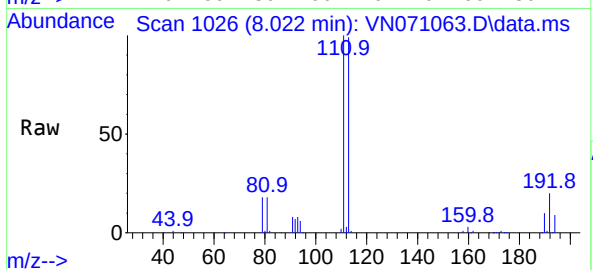
Acq: 24 Feb 2022 18:20

Instrument :

MSVOA_N

ClientSampleId :

SW-SURFICIAL-SOIL-(SW-SS)



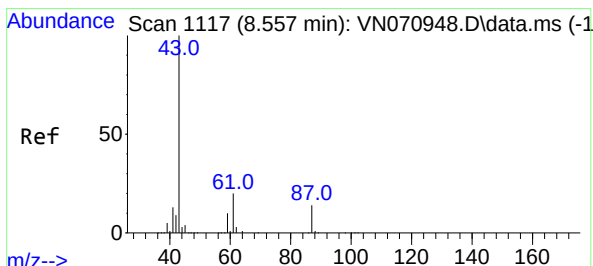
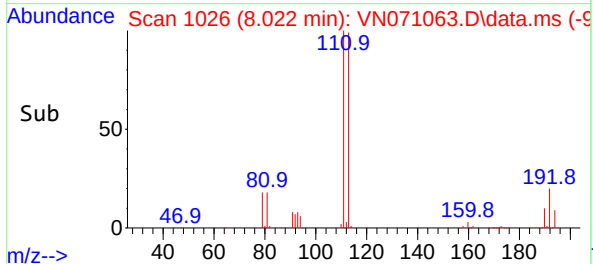
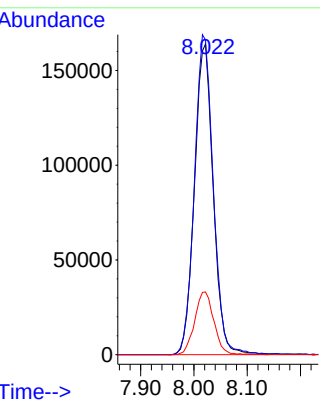
Tgt Ion:113 Resp: 401400

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

192 20.6 16.9 25.3



#43

Isopropyl Acetate

Concen: 5.866 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN071063.D

Acq: 24 Feb 2022 18:20

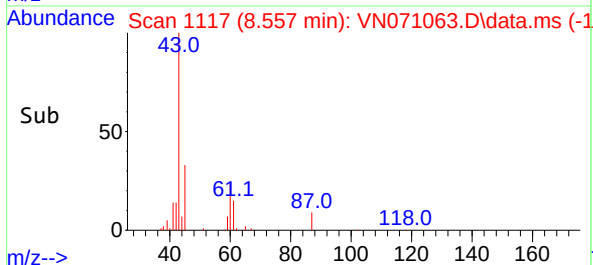
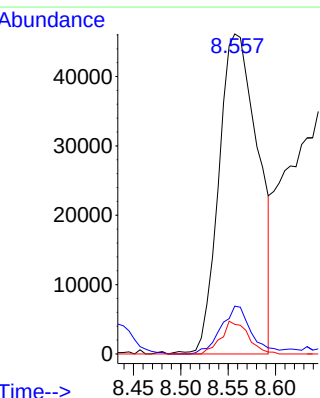
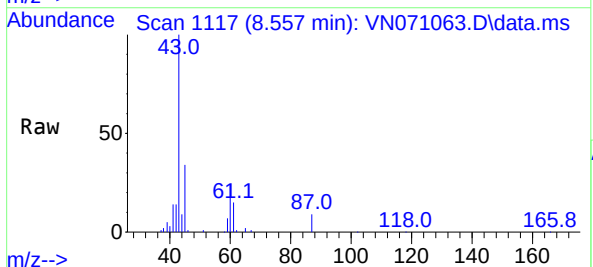
Tgt Ion: 43 Resp: 132854

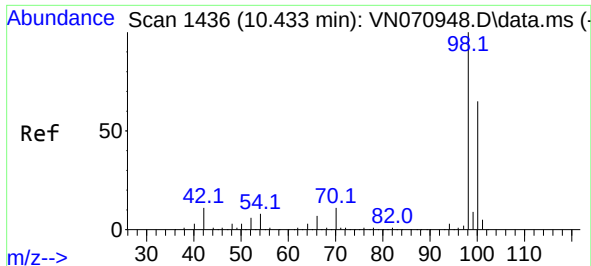
Ion Ratio Lower Upper

43 100

61 11.4 20.4 30.6#

87 7.1 11.2 16.8#

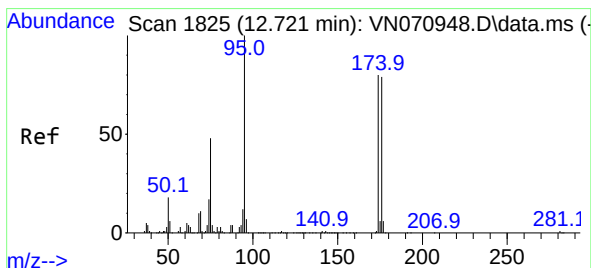
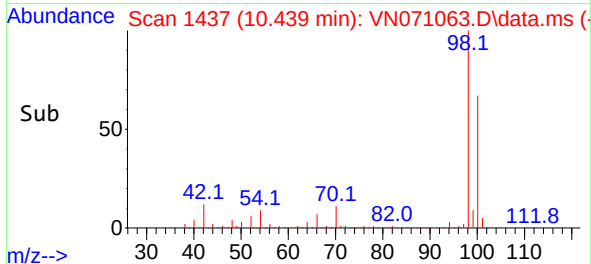
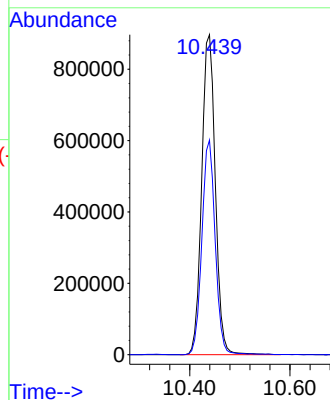
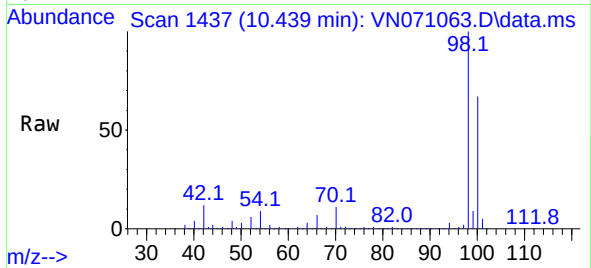




#50
Toluene-d8
Concen: 51.452 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071063.D
Acq: 24 Feb 2022 18:20

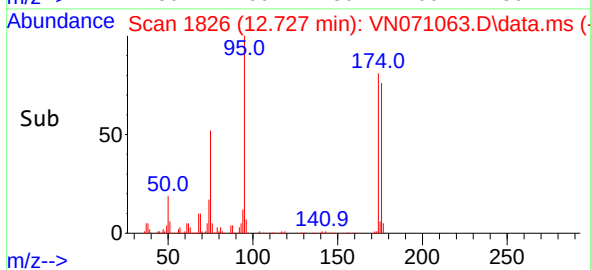
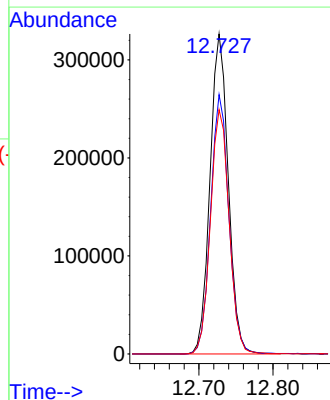
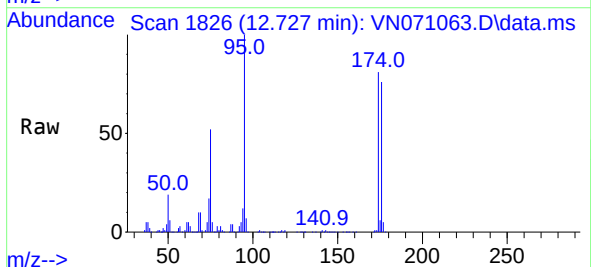
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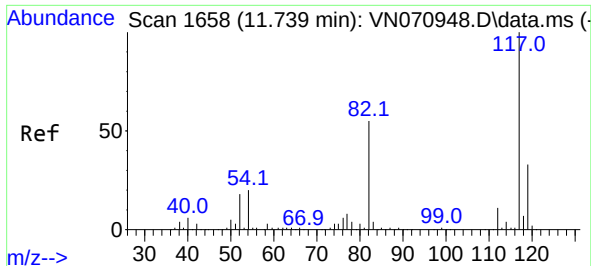
Tgt Ion: 98 Resp: 1689605
Ion Ratio Lower Upper
98 100
100 65.5 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 47.622 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071063.D
Acq: 24 Feb 2022 18:20

Tgt Ion: 95 Resp: 558984
Ion Ratio Lower Upper
95 100
174 80.8 0.0 187.2
176 78.0 0.0 181.4

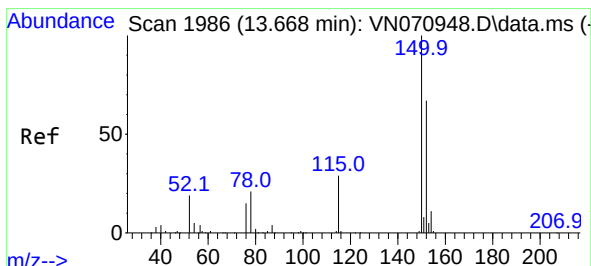
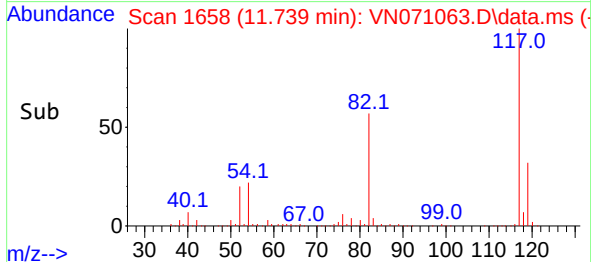
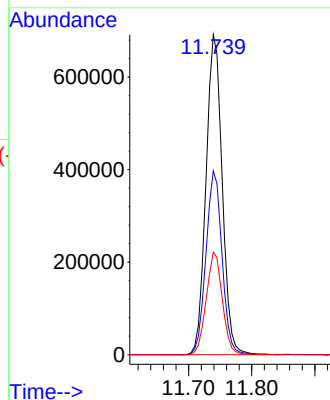
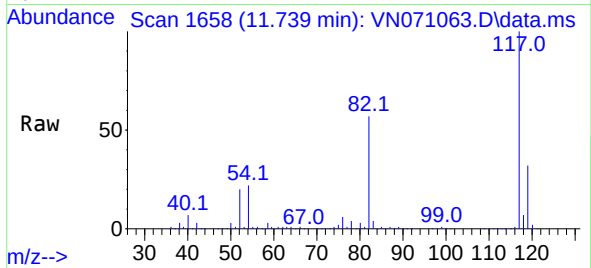




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071063.D
Acq: 24 Feb 2022 18:20

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 1234174
Ion Ratio Lower Upper
117 100
82 57.4 42.4 63.6
119 32.0 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: VN071063.D
Acq: 24 Feb 2022 18:20

Tgt Ion:152 Resp: 422390
Ion Ratio Lower Upper
152 100
115 58.4 27.5 82.5
150 157.8 0.0 344.4

