

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
 Data File : VN071096.D
 Acq On : 28 Feb 2022 15:18
 Operator : JC\MD
 Sample : N1650-01
 Misc : 5.02g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 28 16:10:48 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)

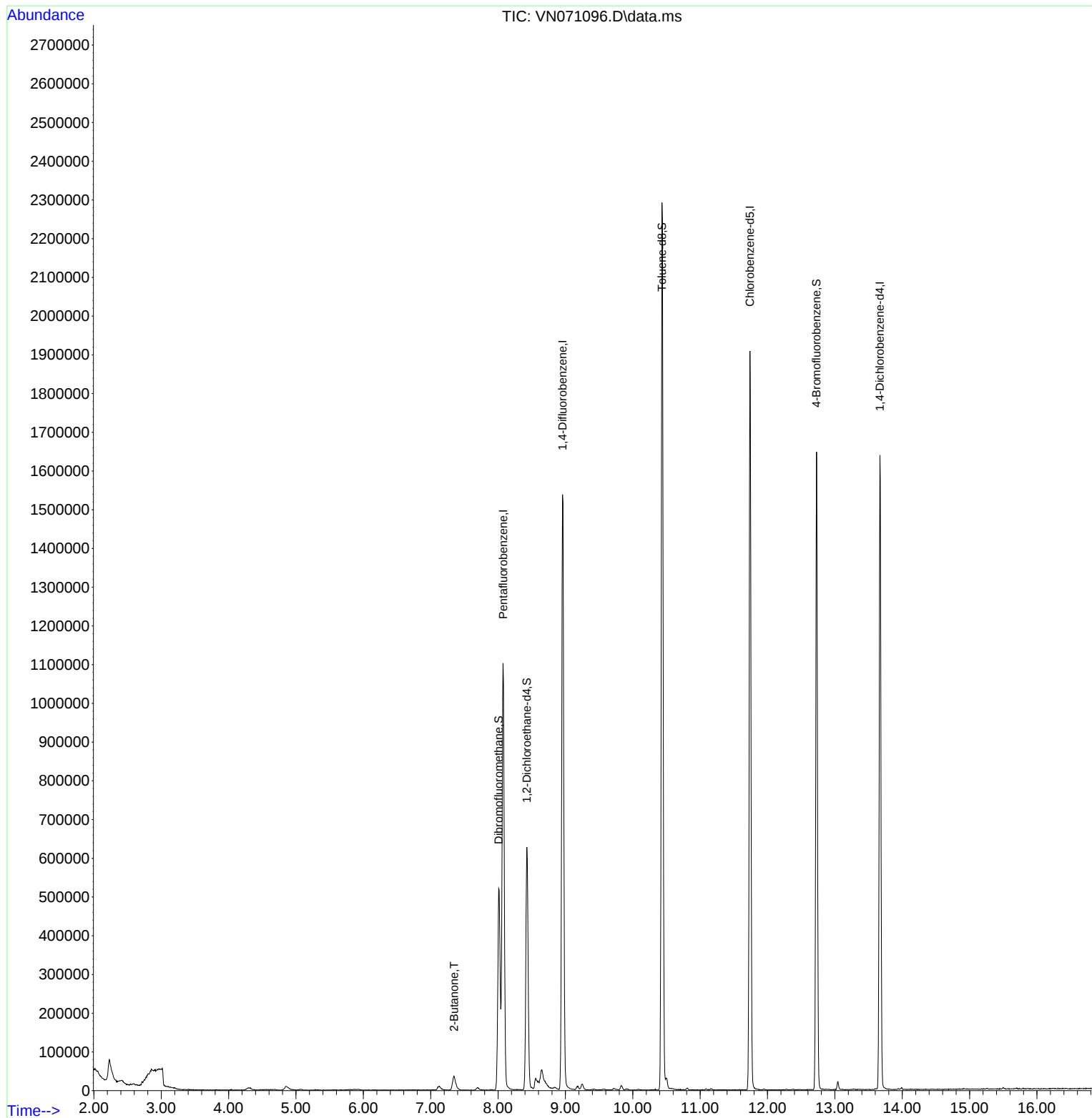
Internal Standards						
1) Pentafluorobenzene	8.075	168	875371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.957	114	1390485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1118767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	465951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	532968	53.299	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.600%
35) Dibromofluoromethane	8.010	113	394533	47.703	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.400%
50) Toluene-d8	10.433	98	1616240	48.661	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.320%
62) 4-Bromofluorobenzene	12.727	95	578178	48.700	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.400%
Target Compounds						
25) 2-Butanone	7.345	43	79566	10.861	ug/l	98

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

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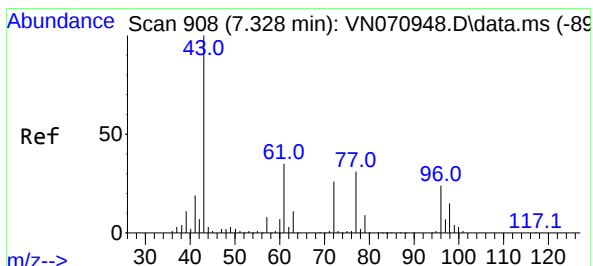
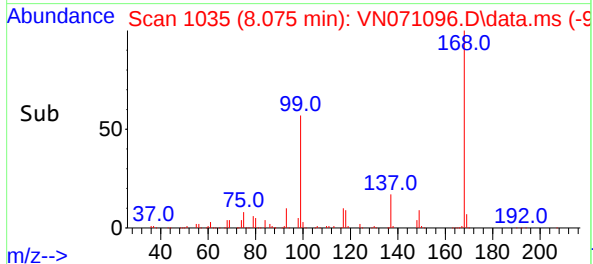
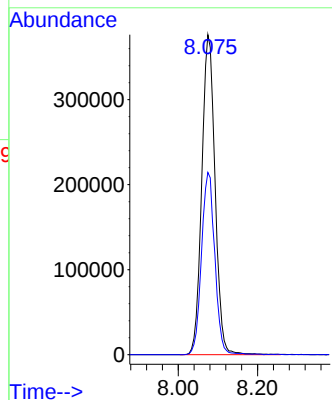
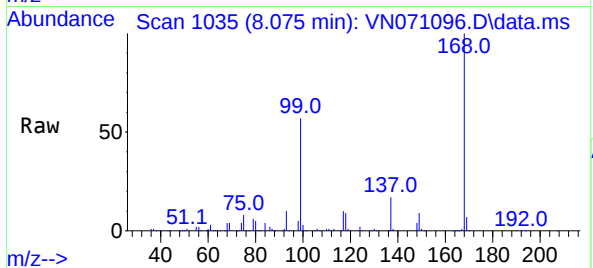




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VN071096.D
Acq: 28 Feb 2022 15:18

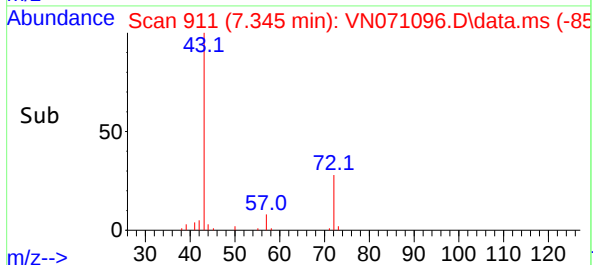
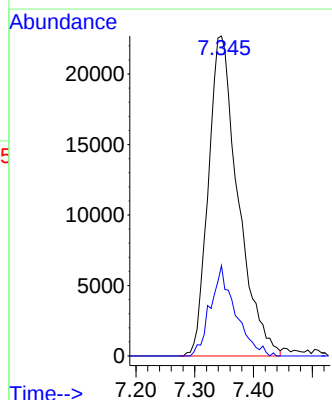
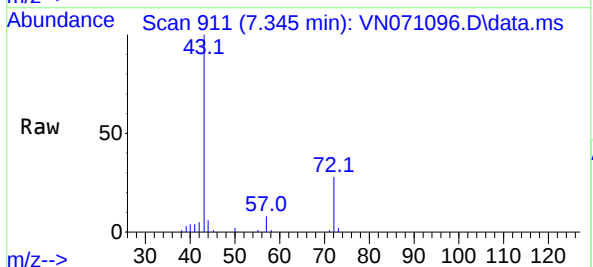
Instrument :
MSVOA_N
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)

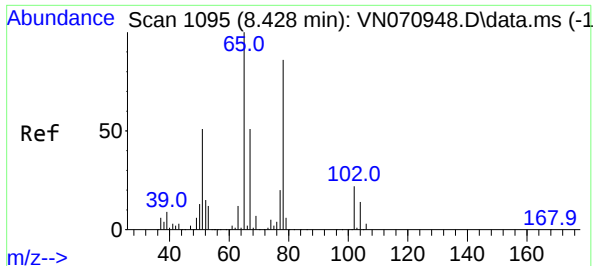
Tgt Ion:168 Resp: 875371
Ion Ratio Lower Upper
168 100
99 56.9 41.3 61.9



#25
2-Butanone
Concen: 10.861 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.018 min
Lab File: VN071096.D
Acq: 28 Feb 2022 15:18

Tgt Ion: 43 Resp: 79566
Ion Ratio Lower Upper
43 100
72 28.2 21.7 32.5

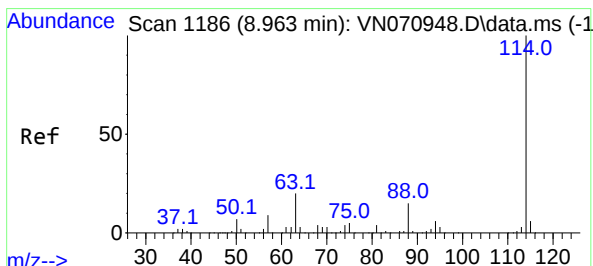
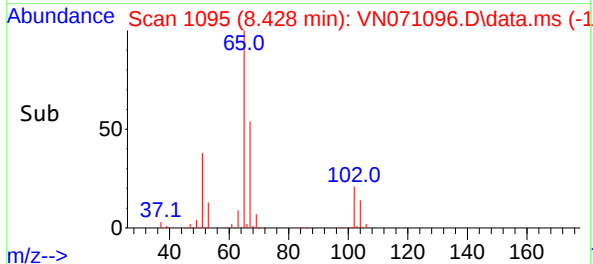
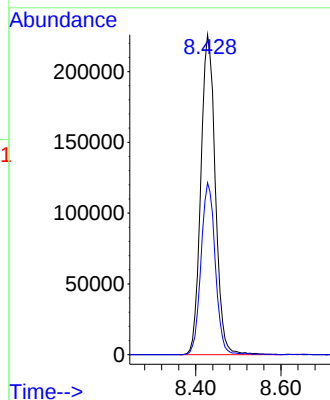
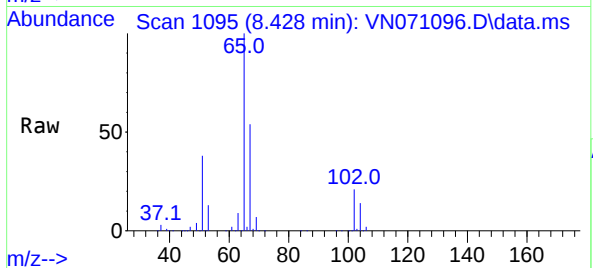




#33
1,2-Dichloroethane-d4
Concen: 53.299 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN071096.D
Acq: 28 Feb 2022 15:18

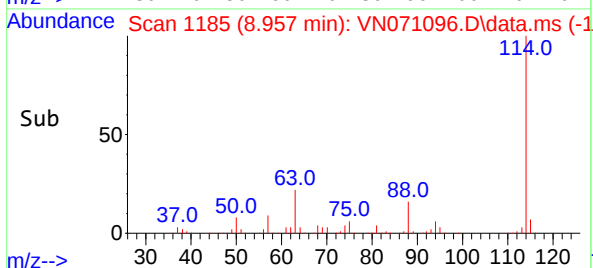
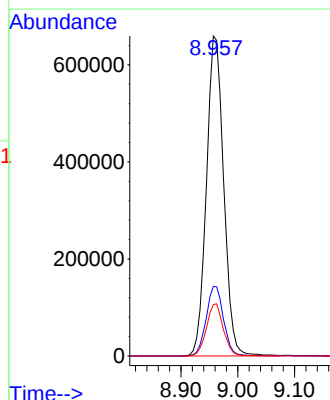
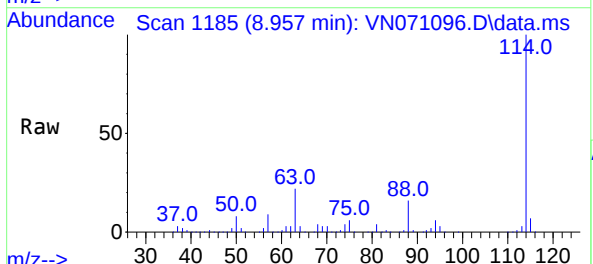
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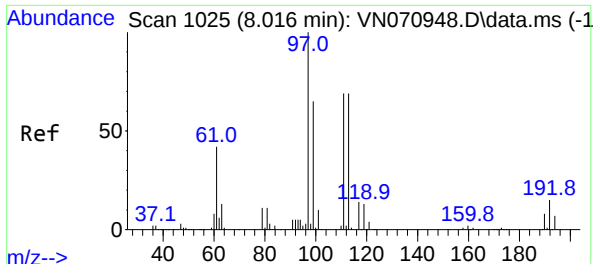
Tgt Ion: 65 Resp: 532968
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.957 min Scan# 1185
Delta R.T. -0.006 min
Lab File: VN071096.D
Acq: 28 Feb 2022 15:18

Tgt Ion:114 Resp: 1390485
Ion Ratio Lower Upper
114 100
63 21.7 0.0 37.8
88 16.1 0.0 27.4

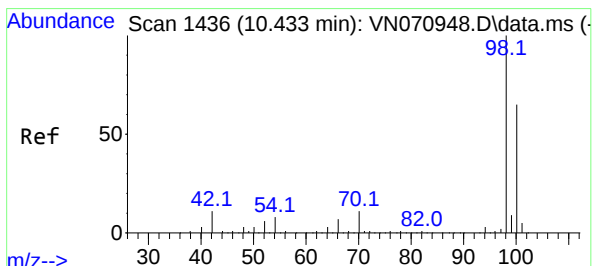
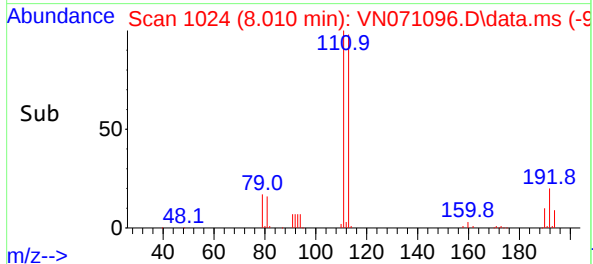
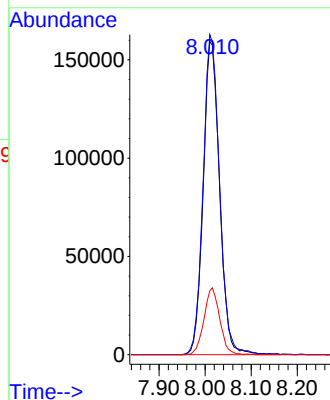
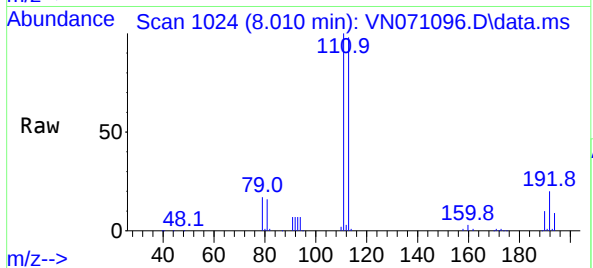




#35
Dibromofluoromethane
Concen: 47.703 ug/l
RT: 8.010 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071096.D
Acq: 28 Feb 2022 15:18

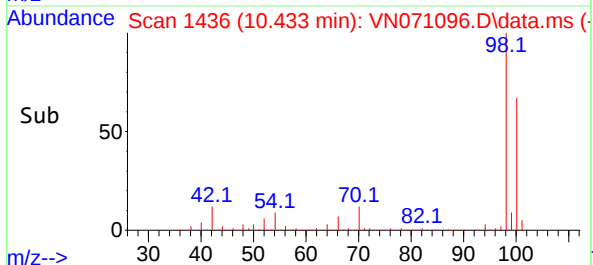
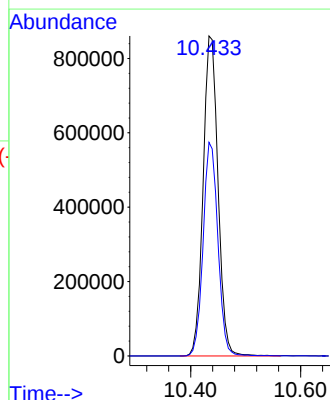
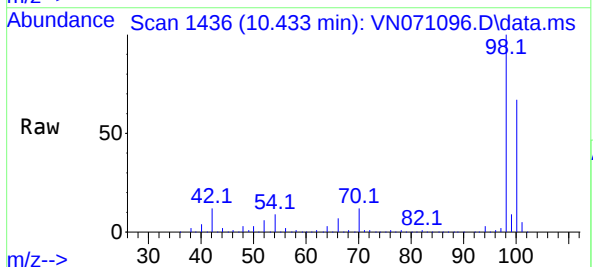
Instrument :
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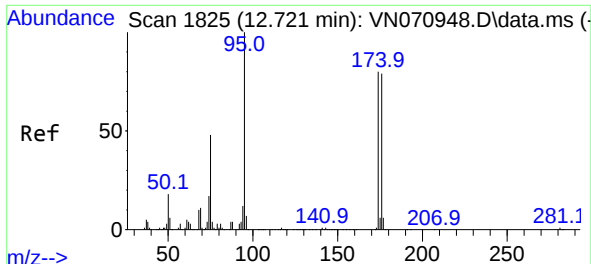
Tgt Ion:113 Resp: 394533
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 20.5 16.9 25.3



#50
Toluene-d8
Concen: 48.661 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.000 min
Lab File: VN071096.D
Acq: 28 Feb 2022 15:18

Tgt Ion: 98 Resp: 1616240
Ion Ratio Lower Upper
98 100
100 66.2 50.4 75.6

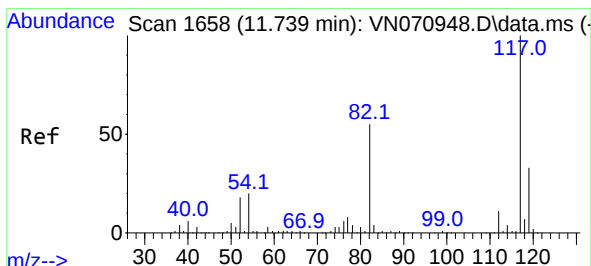
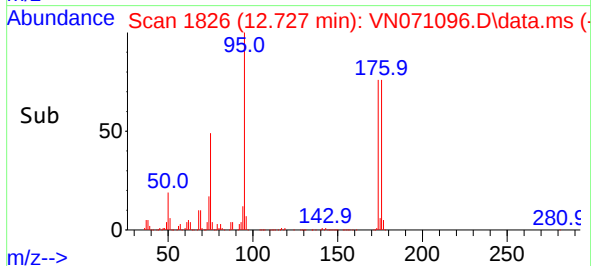
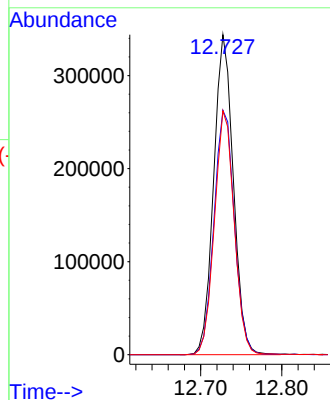
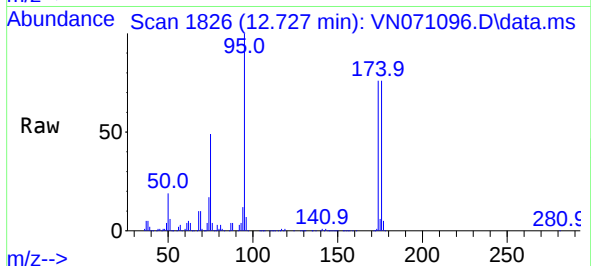




#62
4-Bromofluorobenzene
Concen: 48.700 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071096.D
Acq: 28 Feb 2022 15:18

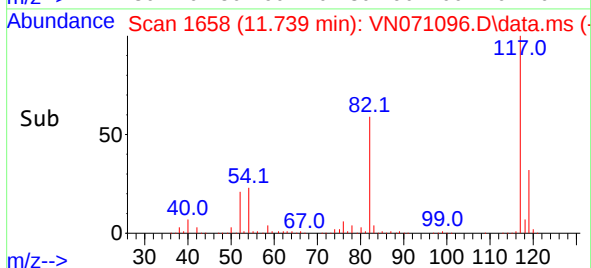
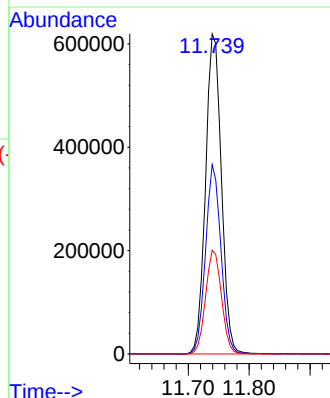
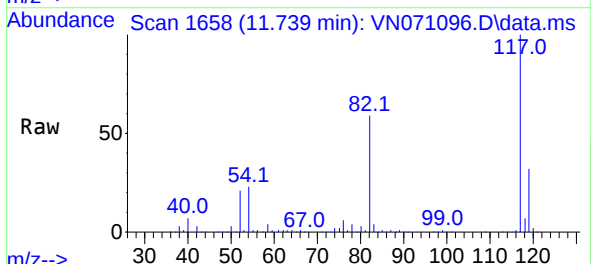
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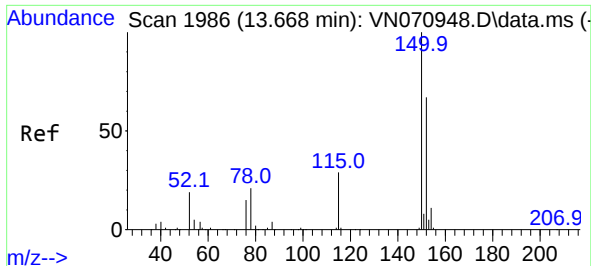
Tgt Ion: 95 Resp: 578178
Ion Ratio Lower Upper
95 100
174 79.4 0.0 187.2
176 76.7 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071096.D
Acq: 28 Feb 2022 15:18

Tgt Ion: 117 Resp: 1118767
Ion Ratio Lower Upper
117 100
82 59.1 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: VN071096.D

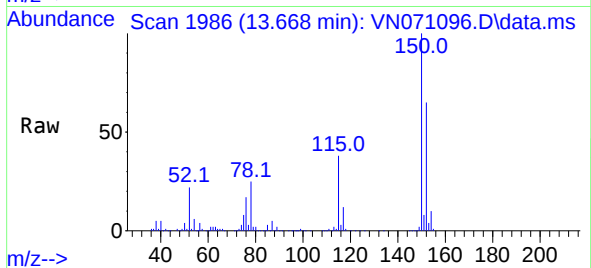
Acq: 28 Feb 2022 15:18

Instrument :

MSVOA_N

ClientSampleId :

SW-SURFICIAL-SOIL-(SW-SS)



Tgt Ion:152 Resp: 465951

Ion Ratio Lower Upper

152 100

115 58.8 27.5 82.5

150 157.4 0.0 344.4

