

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
 Data File : VN071006.D
 Acq On : 18 Feb 2022 17:27
 Operator : JC\MD
 Sample : N1581-22
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPRING-20220215

Quant Time: Feb 19 00:42:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

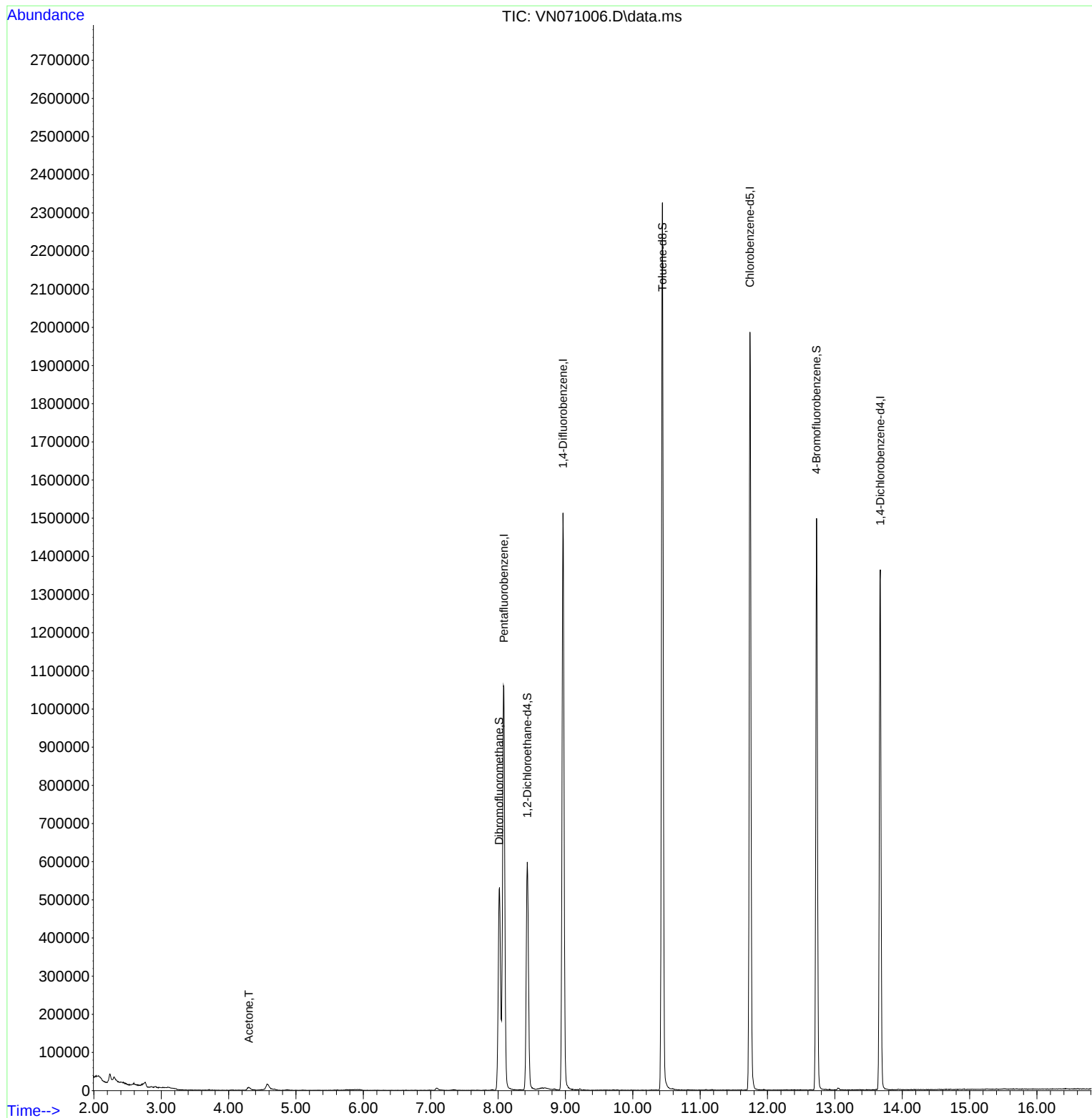
Internal Standards						
1) Pentafluorobenzene	8.087	168	845252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1335626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1180811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	391711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	499226	51.704	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.400%
35) Dibromofluoromethane	8.016	113	395049	49.727	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.460%
50) Toluene-d8	10.439	98	1608778	50.426	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.860%
62) 4-Bromofluorobenzene	12.727	95	520898	45.678	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.360%
Target Compounds						
16) Acetone	4.299	43	12505	2.352	ug/l	Qvalue 96

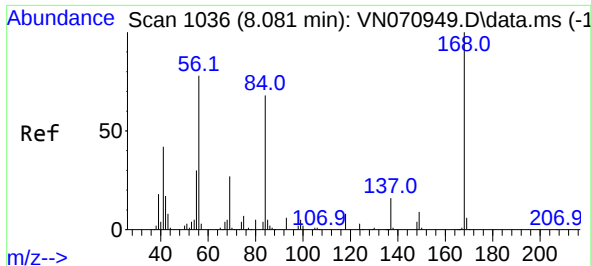
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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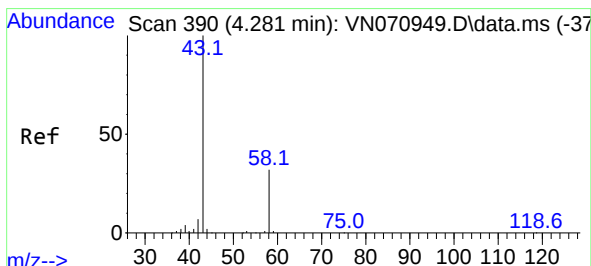
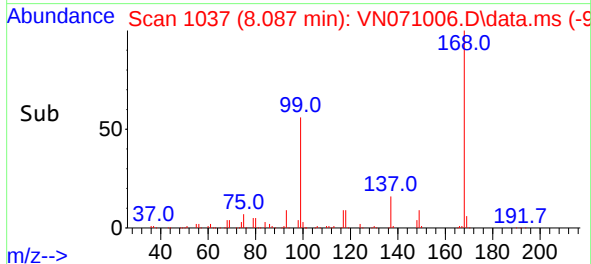
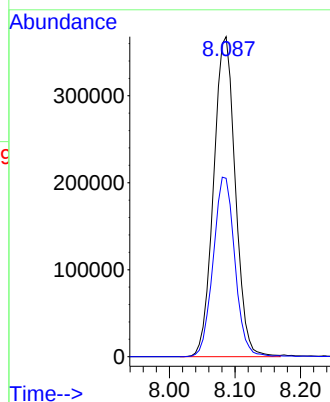
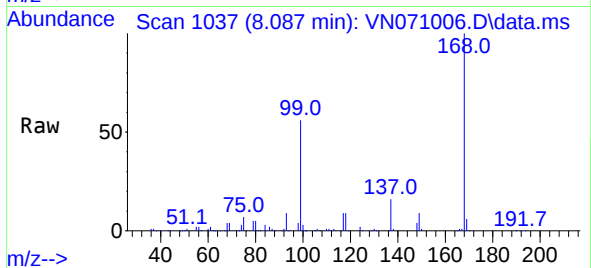




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN071006.D
Acq: 18 Feb 2022 17:27

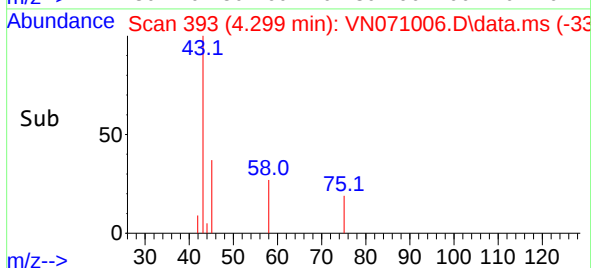
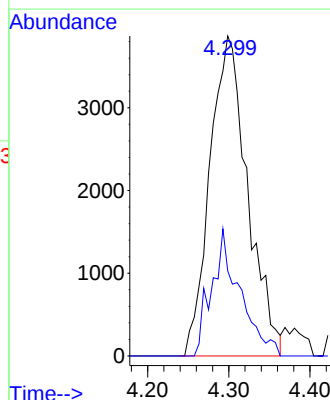
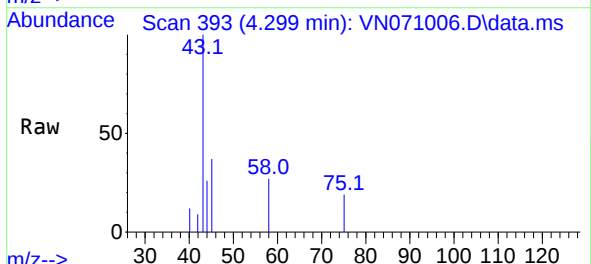
Instrument :
MSVOA_N
ClientSampleId :
SPRING-20220215

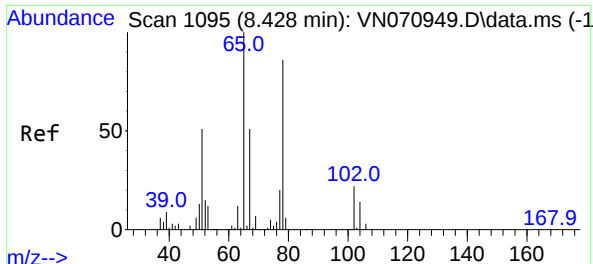
Tgt Ion:168 Resp: 845252
Ion Ratio Lower Upper
168 100
99 55.7 41.3 61.9



#16
Acetone
Concen: 2.352 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.018 min
Lab File: VN071006.D
Acq: 18 Feb 2022 17:27

Tgt Ion: 43 Resp: 12505
Ion Ratio Lower Upper
43 100
58 26.6 23.1 34.7

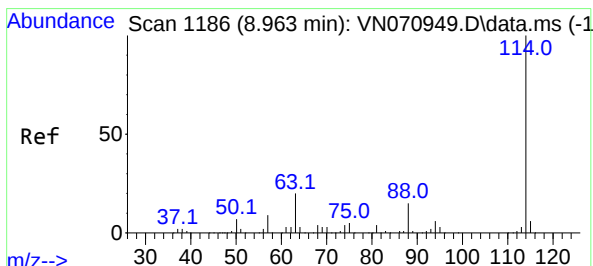
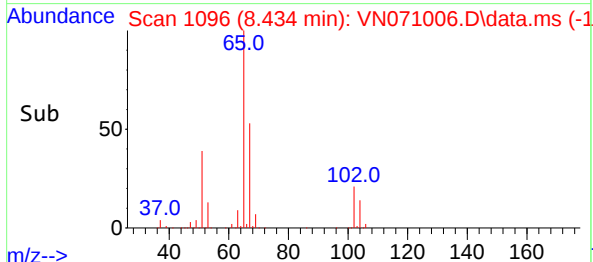
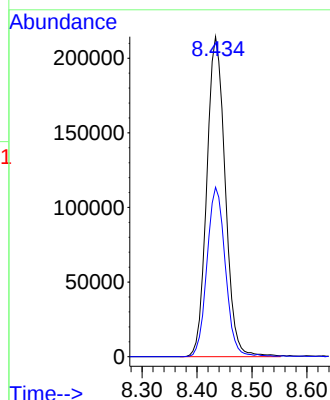
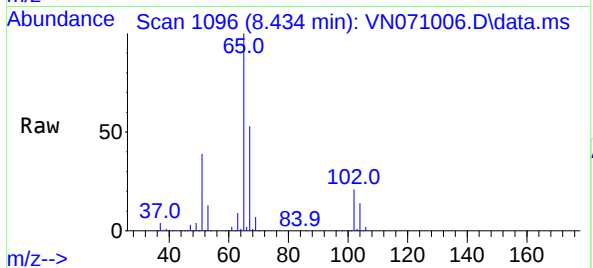




#33
1,2-Dichloroethane-d4
Concen: 51.704 ug/l
RT: 8.434 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071006.D
Acq: 18 Feb 2022 17:27

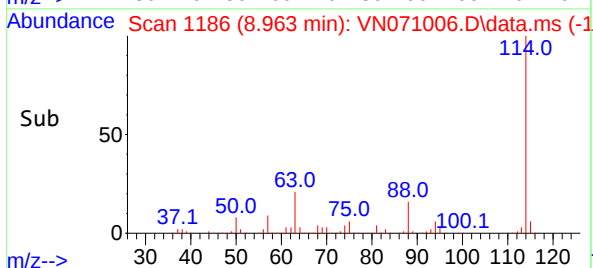
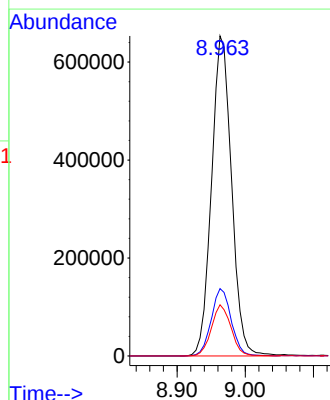
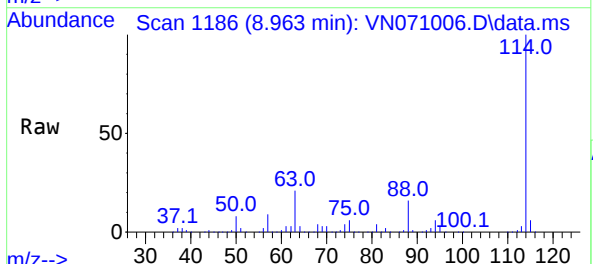
Instrument :
MSVOA_N
ClientSampleId :
SPRING-20220215

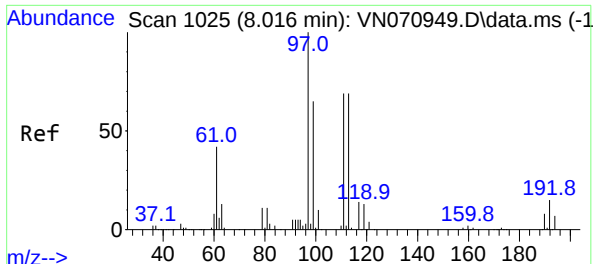
Tgt Ion: 65 Resp: 499226
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071006.D
Acq: 18 Feb 2022 17:27

Tgt Ion: 114 Resp: 1335626
Ion Ratio Lower Upper
114 100
63 21.1 0.0 37.8
88 16.0 0.0 27.4

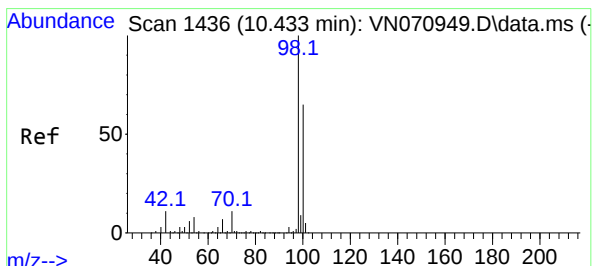
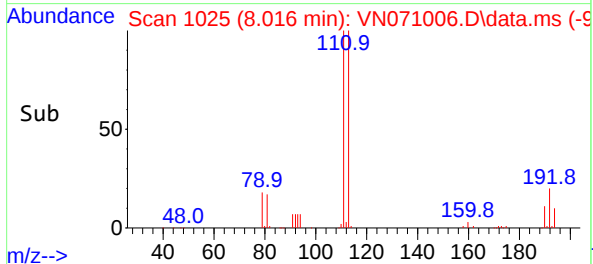
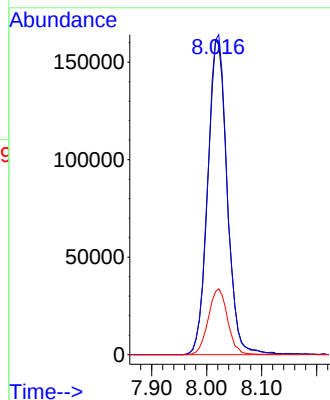
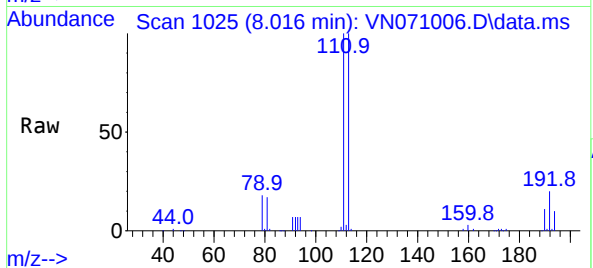




#35
Dibromofluoromethane
Concen: 49.727 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071006.D
Acq: 18 Feb 2022 17:27

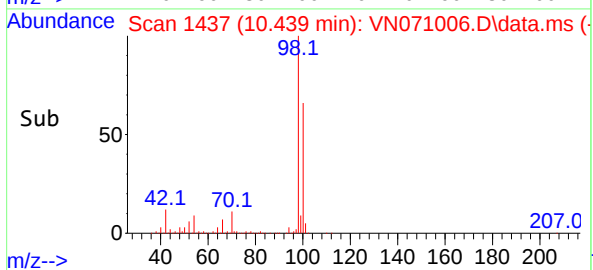
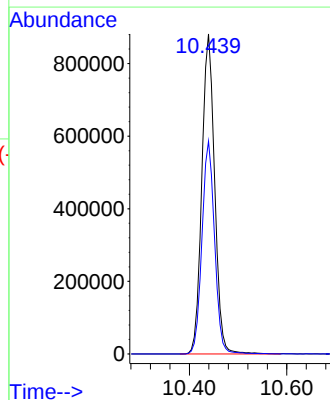
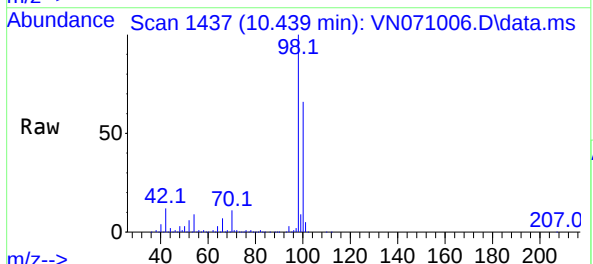
Instrument :
MSVOA_N
ClientSampleId :
SPRING-20220215

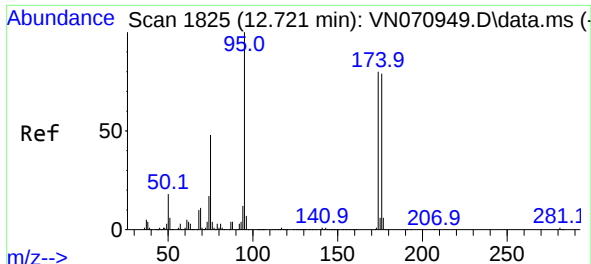
Tgt Ion:113 Resp: 395049
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 20.9 16.9 25.3



#50
Toluene-d8
Concen: 50.426 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071006.D
Acq: 18 Feb 2022 17:27

Tgt Ion: 98 Resp: 1608778
Ion Ratio Lower Upper
98 100
100 65.5 50.4 75.6

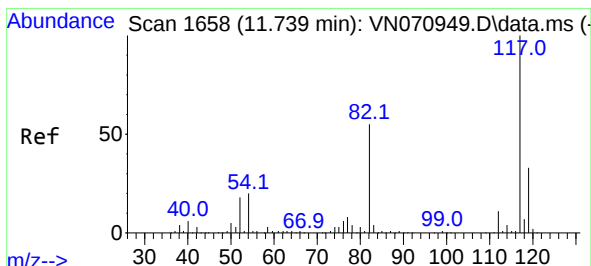
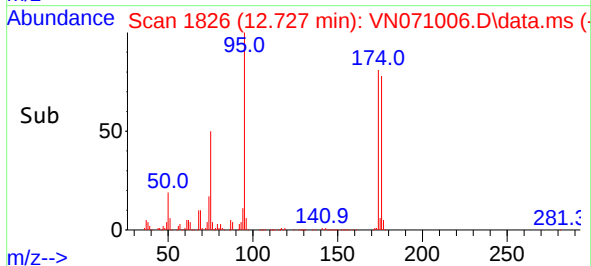
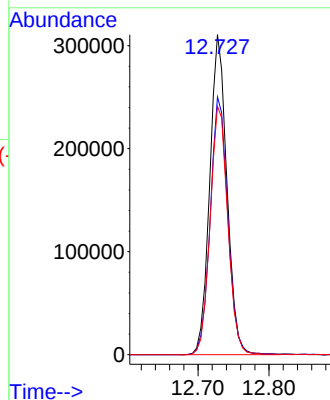
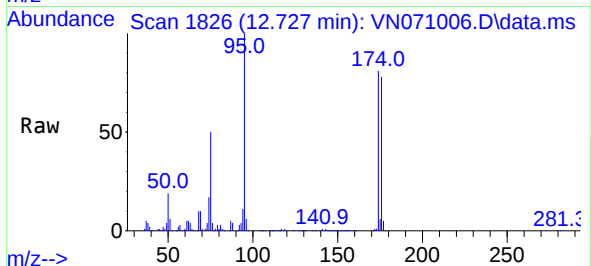




#62
4-Bromofluorobenzene
Concen: 45.678 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071006.D
Acq: 18 Feb 2022 17:27

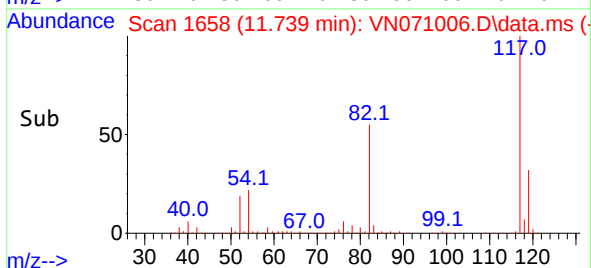
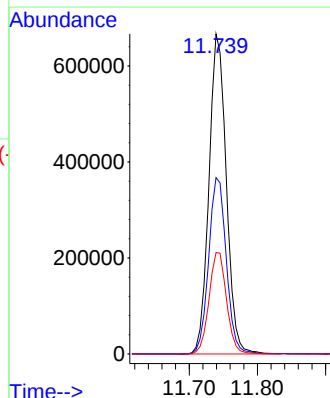
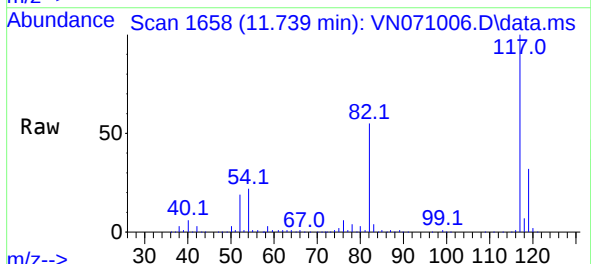
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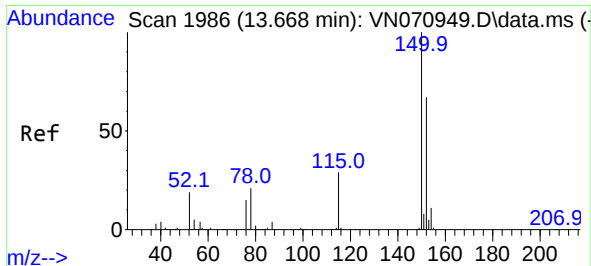
Tgt Ion: 95 Resp: 520898
Ion Ratio Lower Upper
95 100
174 82.4 0.0 187.2
176 79.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071006.D
Acq: 18 Feb 2022 17:27

Tgt Ion: 117 Resp: 1180811
Ion Ratio Lower Upper
117 100
82 55.1 42.4 63.6
119 31.7 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.674 min Scan# 1987

Delta R.T. 0.006 min

Lab File: VN071006.D

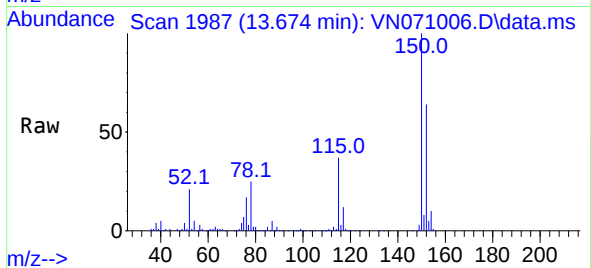
Acq: 18 Feb 2022 17:27

Instrument :

MSVOA_N

ClientSampleId :

SPRING-20220215



Tgt Ion:152 Resp: 391711

Ion Ratio Lower Upper

152 100

115 57.9 27.5 82.5

150 157.3 0.0 344.4

