

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022422\
 Data File : VN071054.D
 Acq On : 24 Feb 2022 14:44
 Operator : JC\MD
 Sample : N1642-04 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31456

Quant Time: Feb 25 02:43:42 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)

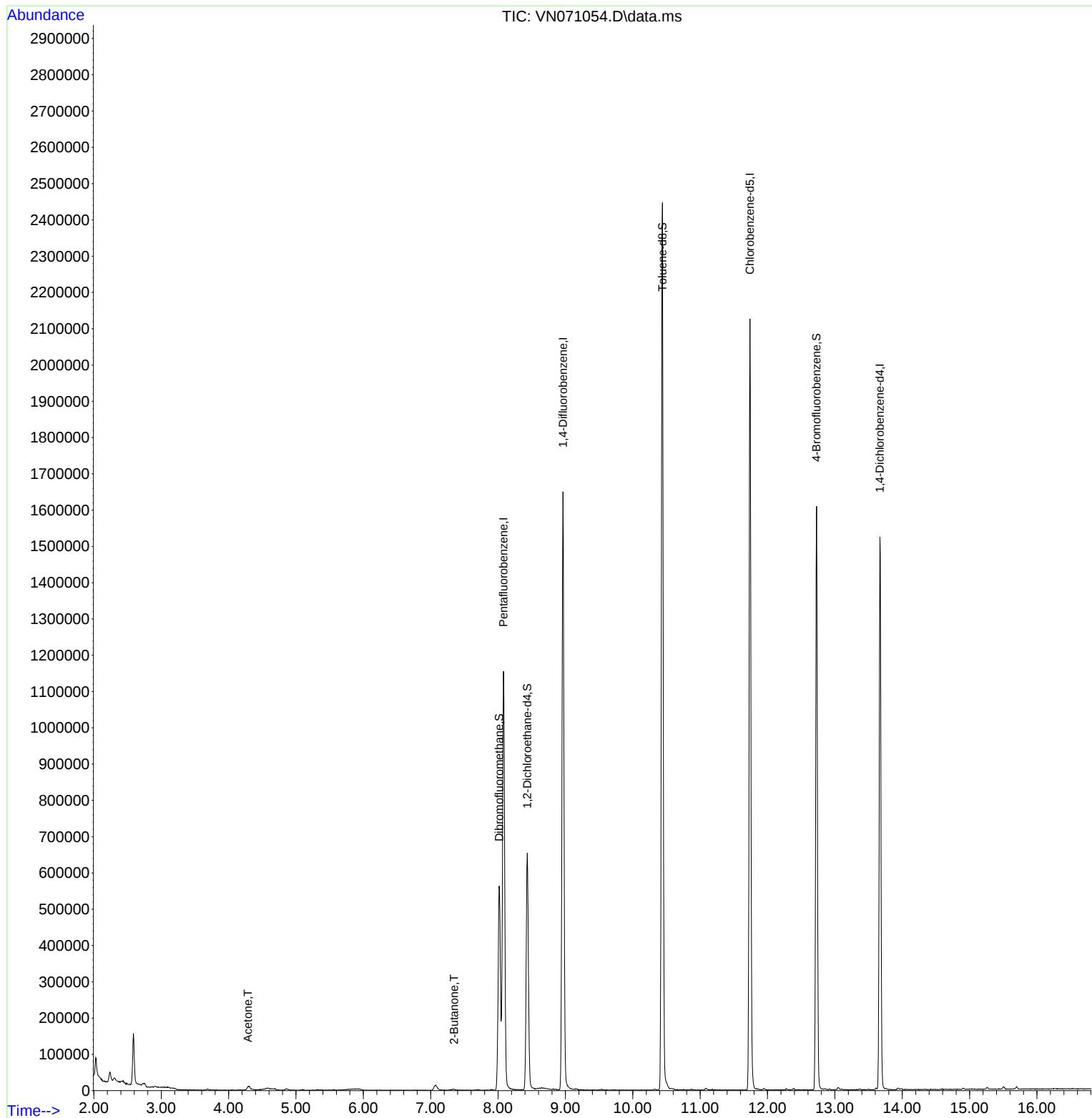
Internal Standards						
1) Pentafluorobenzene	8.081	168	896265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1427848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1252794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	431239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	543620	53.097	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.200%			
35) Dibromofluoromethane	8.016	113	420574	49.521	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.040%			
50) Toluene-d8	10.439	98	1705354	50.001	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.000%			
62) 4-Bromofluorobenzene	12.727	95	570213	46.773	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.540%			
Target Compounds						
16) Acetone	4.287	43	16678	2.958	ug/l	99
25) 2-Butanone	7.345	43	5110	0.681	ug/l #	87

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

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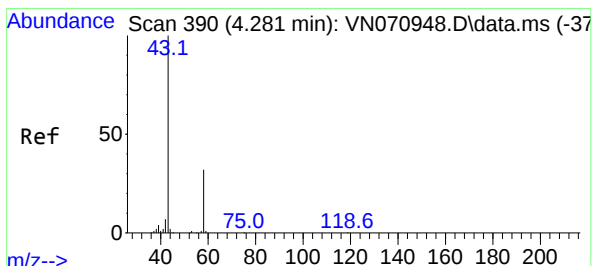
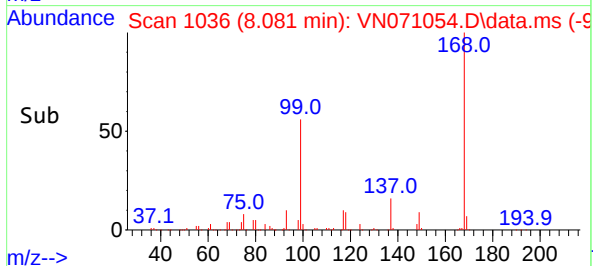
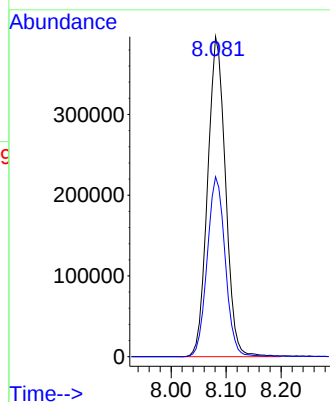
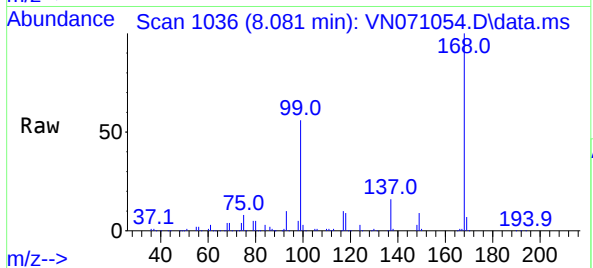




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071054.D
Acq: 24 Feb 2022 14:44

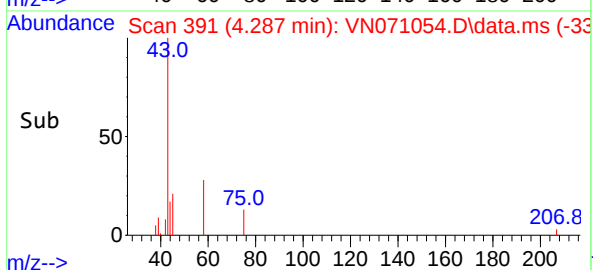
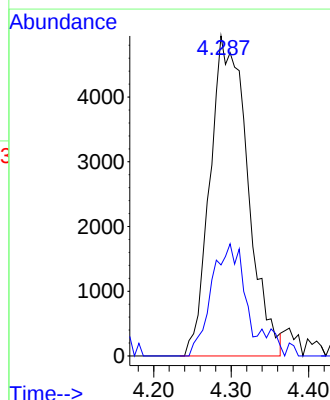
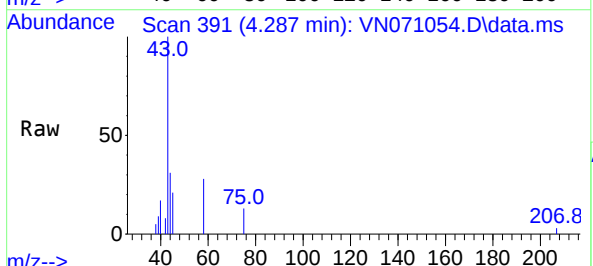
Instrument :
MSVOA_N
ClientSampleId :
31456

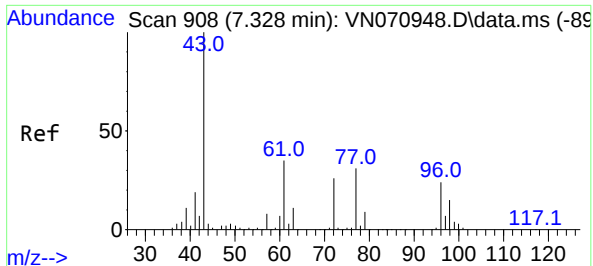
Tgt Ion:168 Resp: 896265
Ion Ratio Lower Upper
168 100
99 56.2 41.3 61.9



#16
Acetone
Concen: 2.958 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071054.D
Acq: 24 Feb 2022 14:44

Tgt Ion: 43 Resp: 16678
Ion Ratio Lower Upper
43 100
58 28.4 23.1 34.7

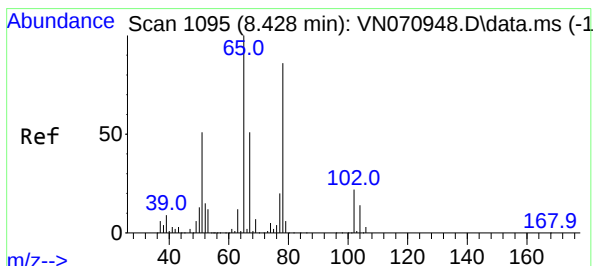
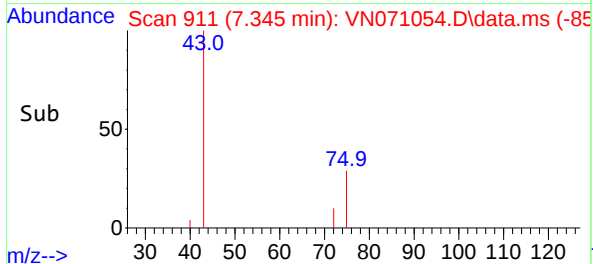
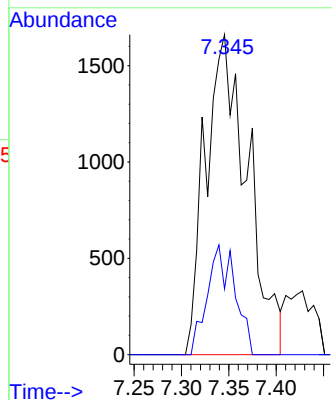
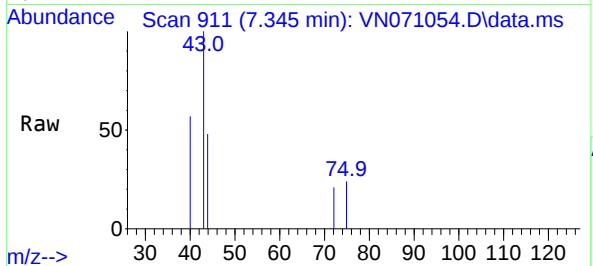




#25
2-Butanone
Concen: 0.681 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.018 min
Lab File: VN071054.D
Acq: 24 Feb 2022 14:44

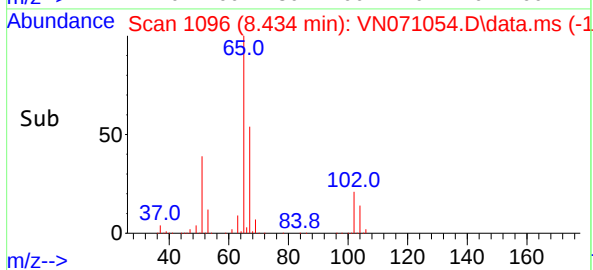
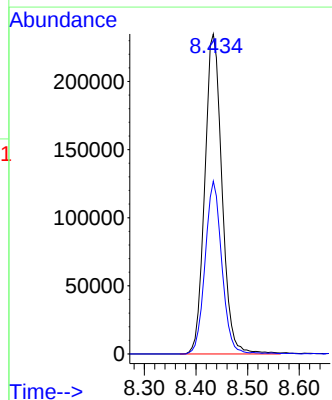
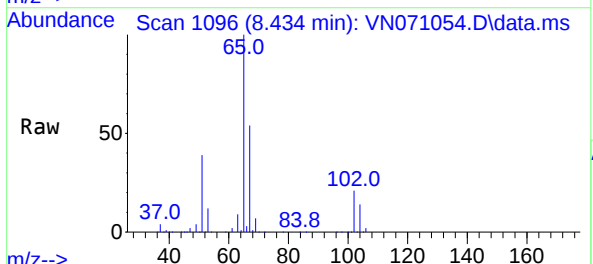
Instrument :
MSVOA_N
ClientSampleId :
31456

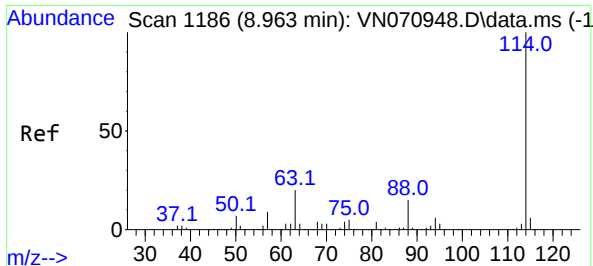
Tgt Ion: 43 Resp: 5110
Ion Ratio Lower Upper
43 100
72 20.5 21.7 32.5#



#33
1,2-Dichloroethane-d4
Concen: 53.097 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071054.D
Acq: 24 Feb 2022 14:44

Tgt Ion: 65 Resp: 543620
Ion Ratio Lower Upper
65 100
67 52.1 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: VN071054.D

Acq: 24 Feb 2022 14:44

Instrument :

MSVOA_N

ClientSampleId :

31456

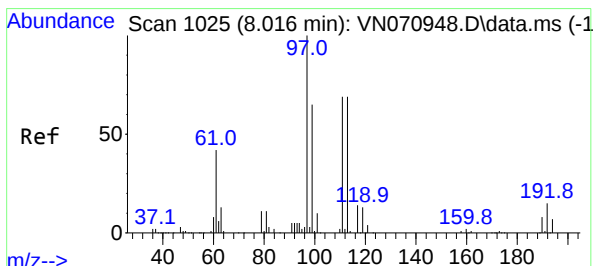
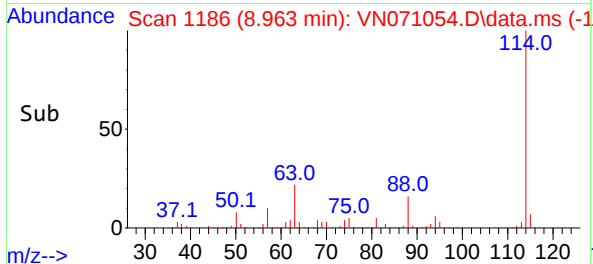
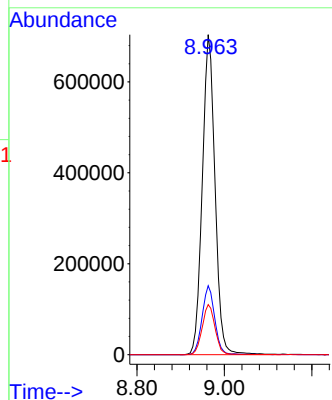
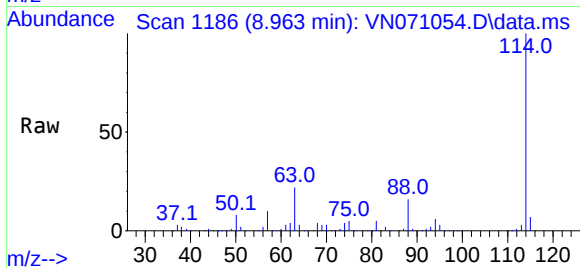
Tgt Ion:114 Resp: 1427848

Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.8

88 15.6 0.0 27.4



#35

Dibromofluoromethane

Concen: 49.521 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN071054.D

Acq: 24 Feb 2022 14:44

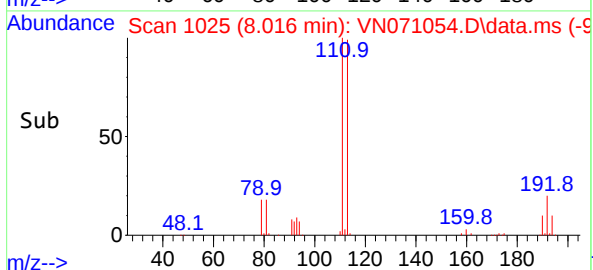
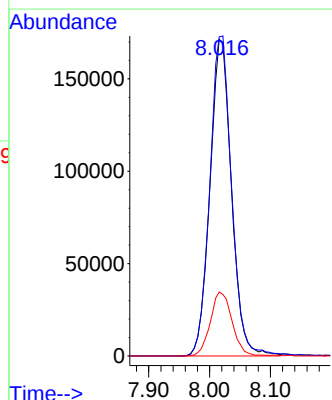
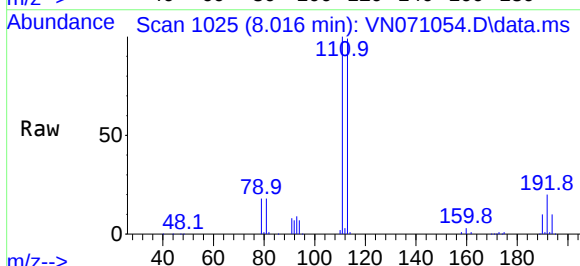
Tgt Ion:113 Resp: 420574

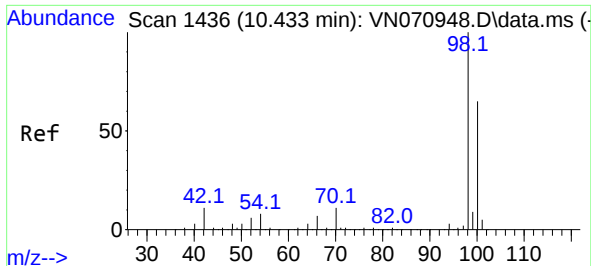
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

192 20.4 16.9 25.3

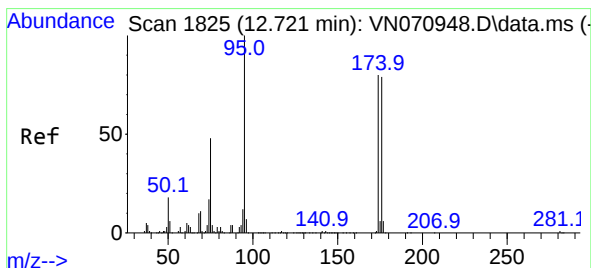
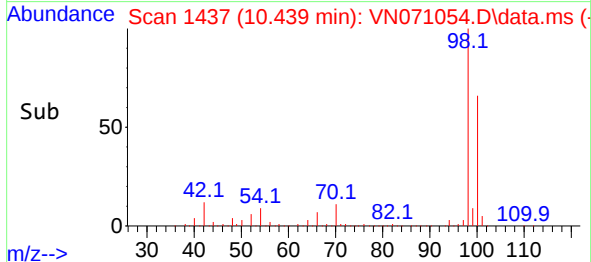
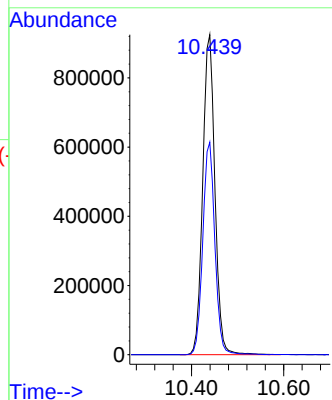
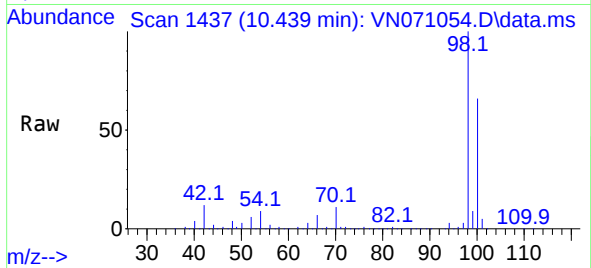




#50
Toluene-d8
Concen: 50.001 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071054.D
Acq: 24 Feb 2022 14:44

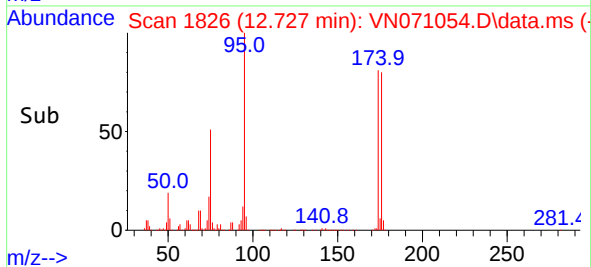
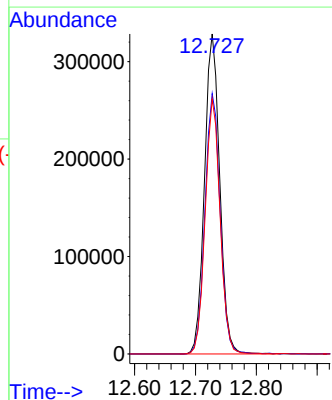
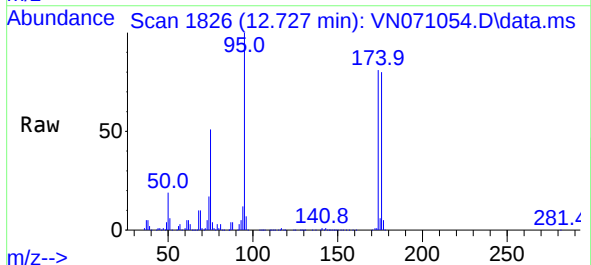
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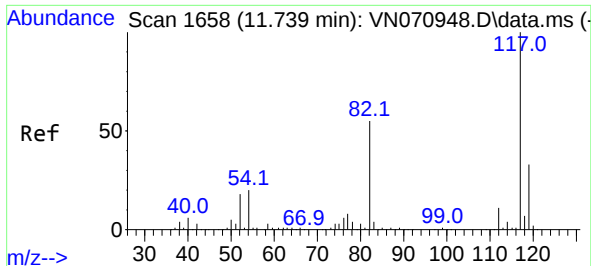
Tgt Ion: 98 Resp: 1705354
Ion Ratio Lower Upper
98 100
100 66.0 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 46.773 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071054.D
Acq: 24 Feb 2022 14:44

Tgt Ion: 95 Resp: 570213
Ion Ratio Lower Upper
95 100
174 81.2 0.0 187.2
176 77.9 0.0 181.4

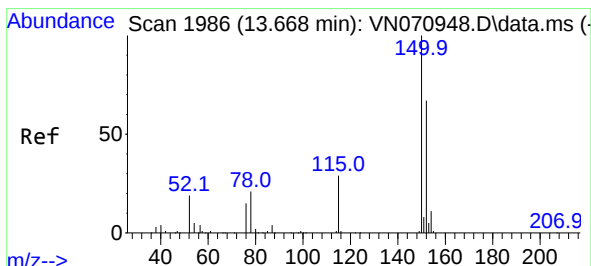
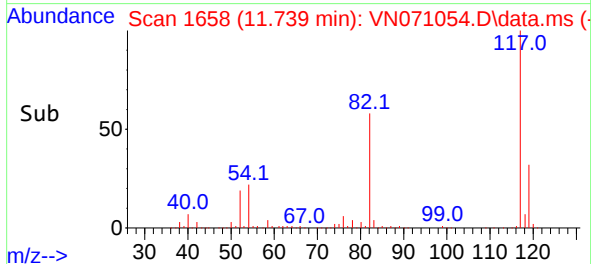
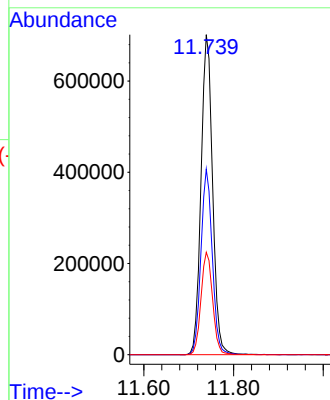
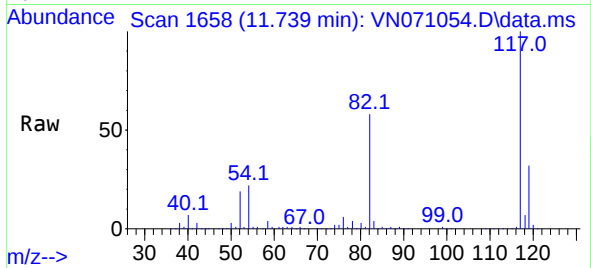




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071054.D
Acq: 24 Feb 2022 14:44

Instrument :
MSVOA_N
ClientSampleId :
31456

Tgt Ion:117 Resp: 1252794
Ion Ratio Lower Upper
117 100
82 58.0 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: VN071054.D
Acq: 24 Feb 2022 14:44

Tgt Ion:152 Resp: 431239
Ion Ratio Lower Upper
152 100
115 57.7 27.5 82.5
150 157.3 0.0 344.4

