

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071785.D
 Acq On : 02 Apr 2022 04:59
 Operator : JC\MD
 Sample : N2222-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB033122

Quant Time: Apr 02 05:35:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	678406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1154102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1148508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	402455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	390147	50.375	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.760%	
35) Dibromofluoromethane	8.022	113	332439	48.951	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.900%	
50) Toluene-d8	10.439	98	1440754	51.860	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.720%	
62) 4-Bromofluorobenzene	12.727	95	457679	50.939	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.880%	

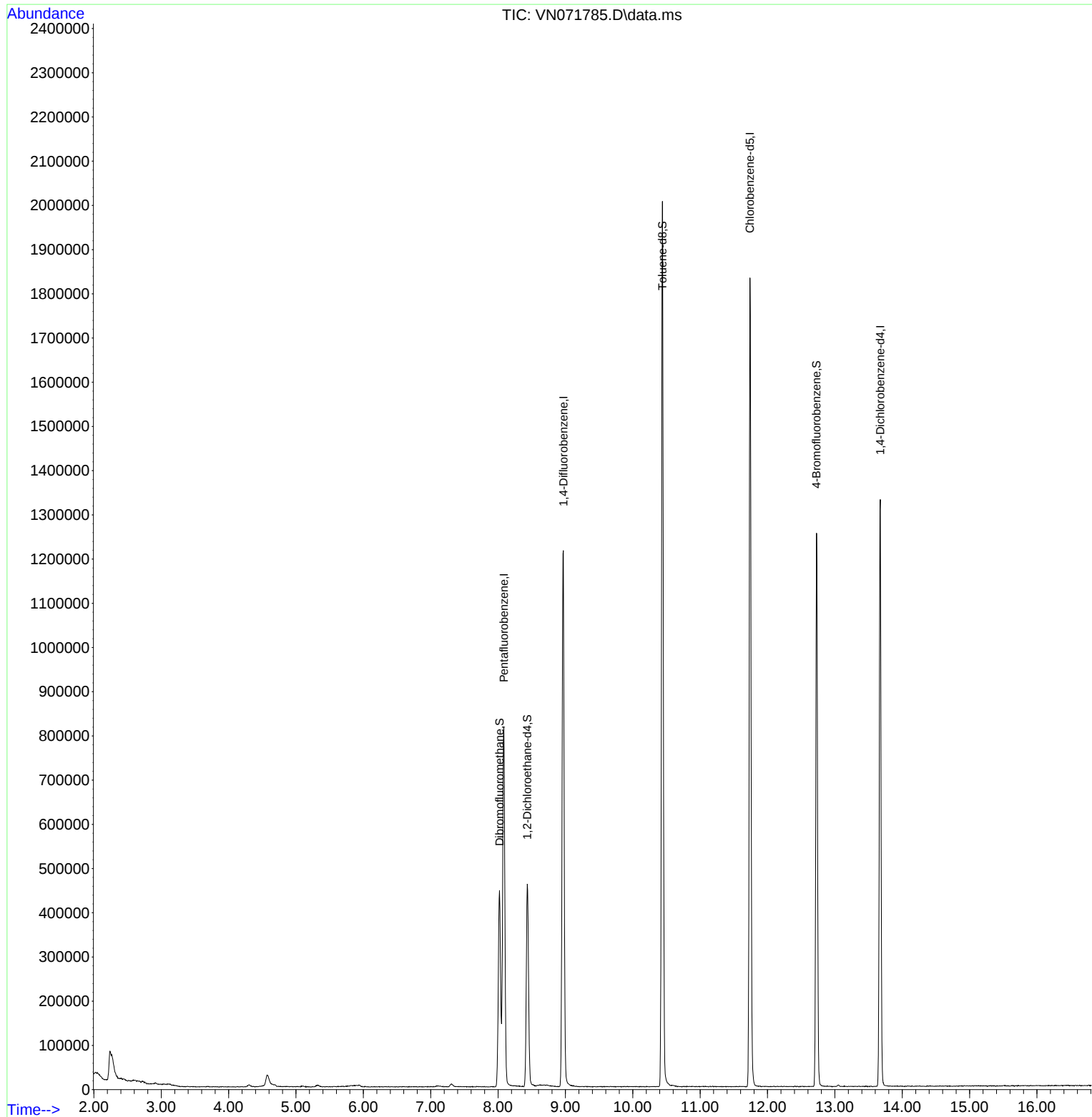
Target Compounds	Qvalue

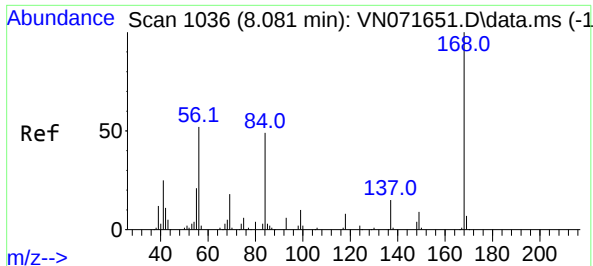
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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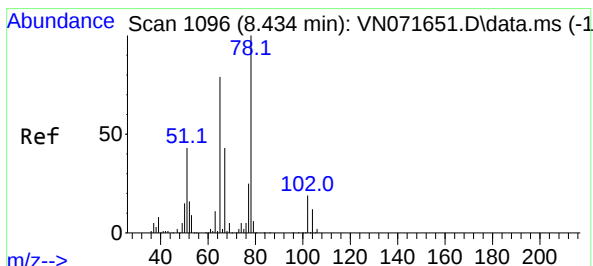
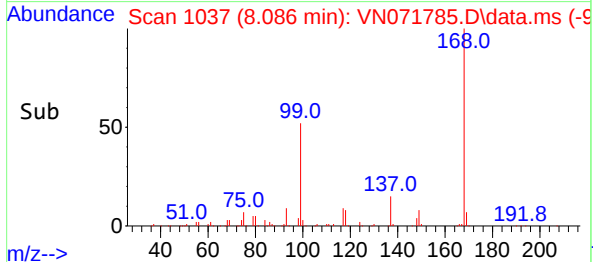
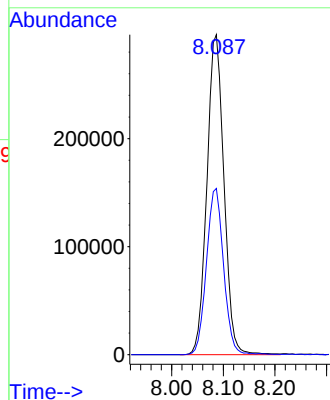
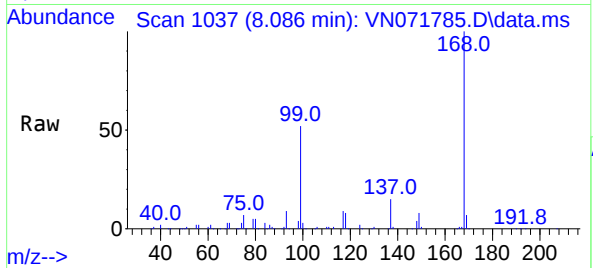




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN071785.D
Acq: 02 Apr 2022 04:59

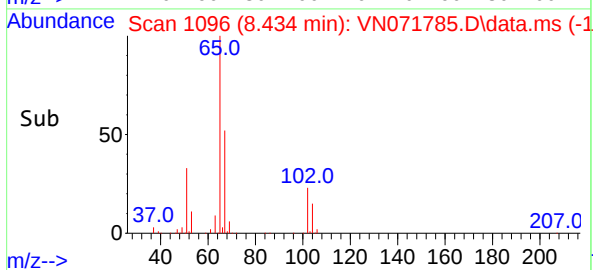
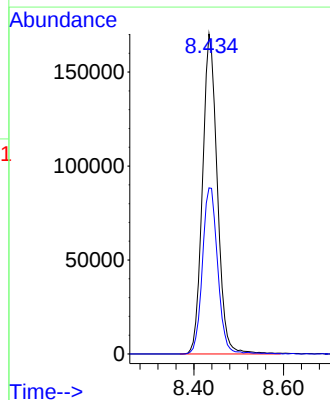
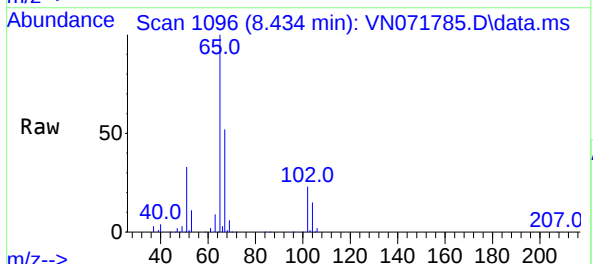
Instrument :
MSVOA_N
ClientSampleId :
FB033122

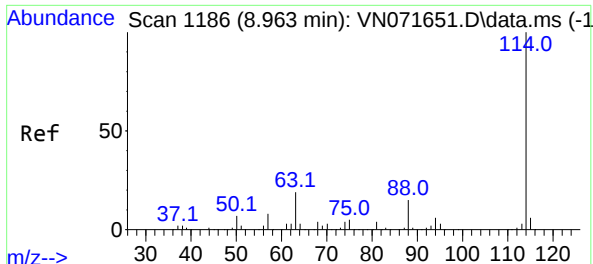
Tgt Ion:168 Resp: 678406
Ion Ratio Lower Upper
168 100
99 51.9 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 50.375 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071785.D
Acq: 02 Apr 2022 04:59

Tgt Ion: 65 Resp: 390147
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN071785.D

Acq: 02 Apr 2022 04:59

Instrument :

MSVOA_N

ClientSampleId :

FB033122

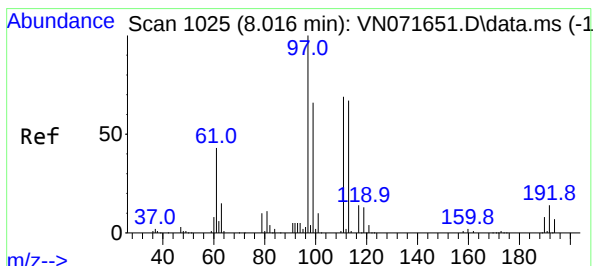
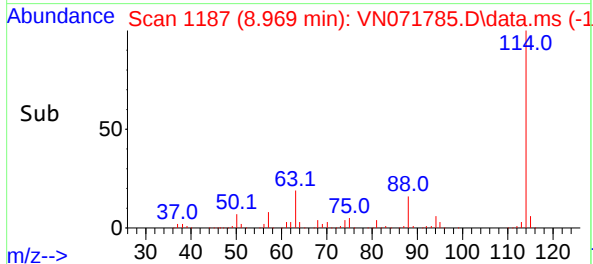
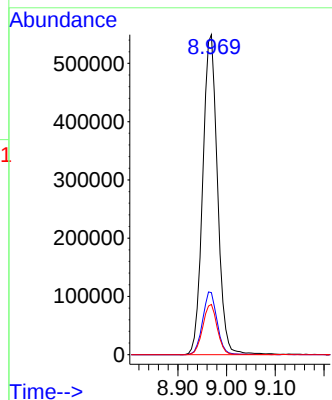
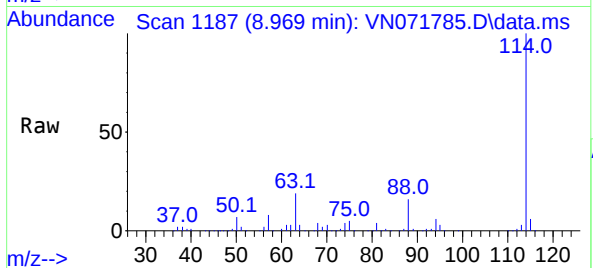
Tgt Ion:114 Resp: 1154102

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.951 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071785.D

Acq: 02 Apr 2022 04:59

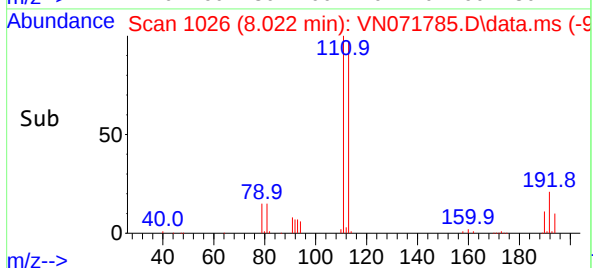
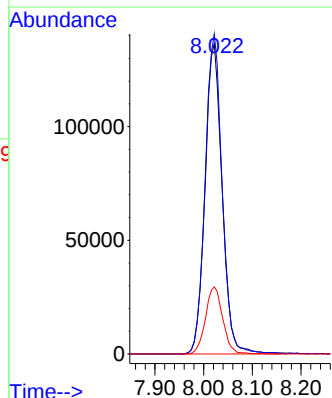
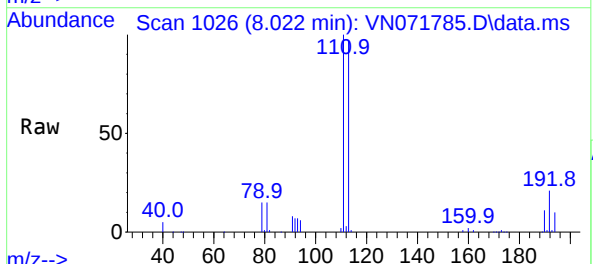
Tgt Ion:113 Resp: 332439

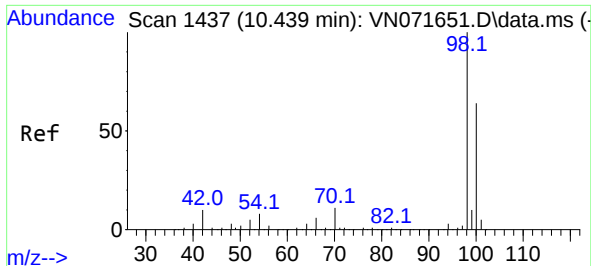
Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 21.7 17.0 25.6

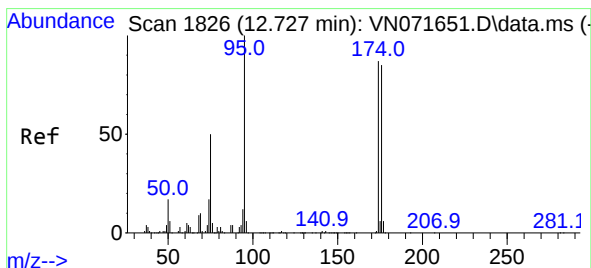
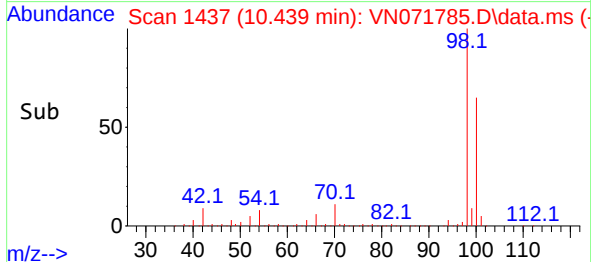
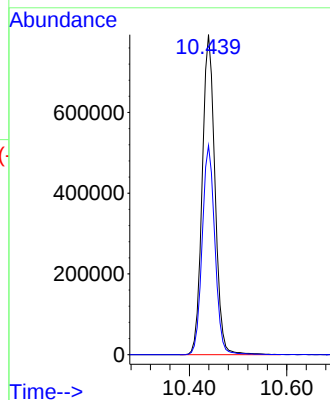
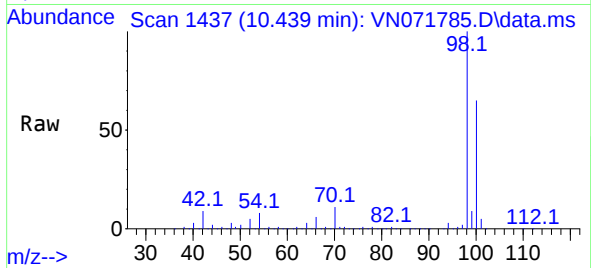




#50
Toluene-d8
Concen: 51.860 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071785.D
Acq: 02 Apr 2022 04:59

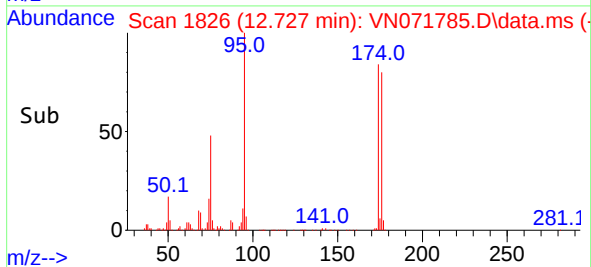
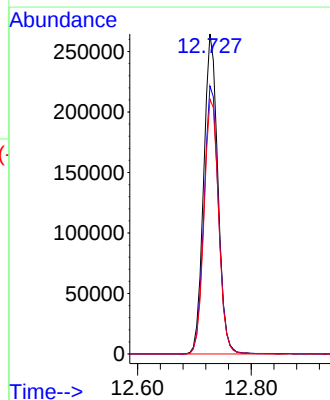
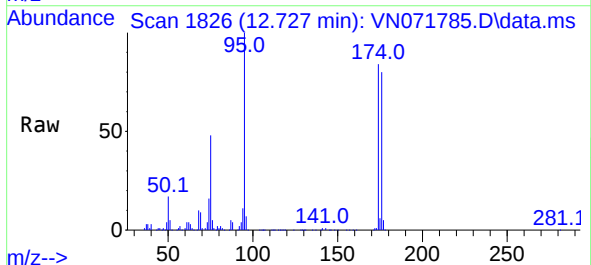
Instrument :
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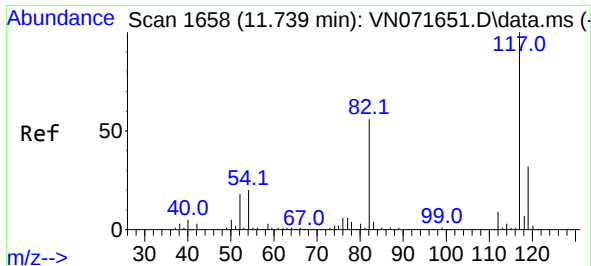
Tgt Ion: 98 Resp: 1440754
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.939 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071785.D
Acq: 02 Apr 2022 04:59

Tgt Ion: 95 Resp: 457679
Ion Ratio Lower Upper
95 100
174 85.3 0.0 167.6
176 81.5 0.0 163.4

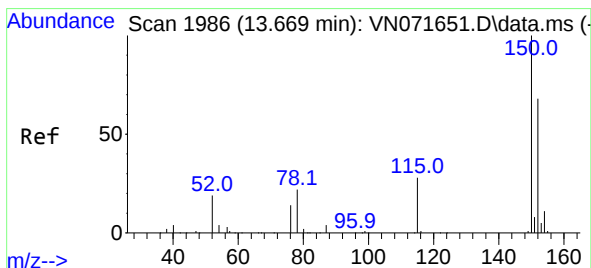
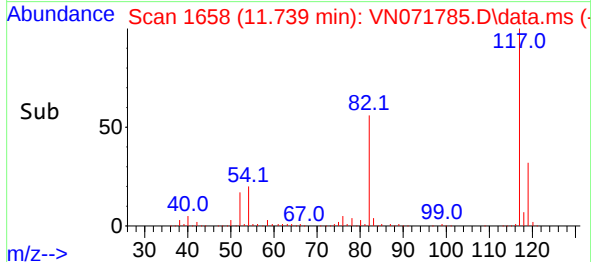
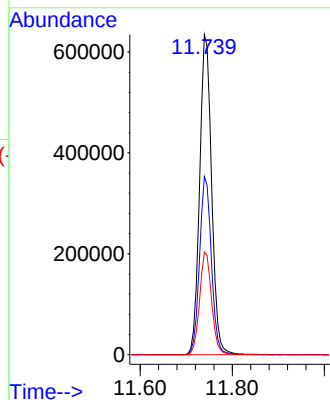
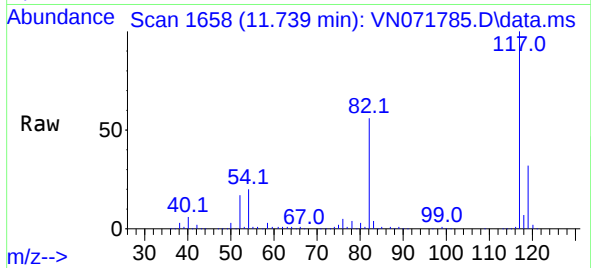




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071785.D
Acq: 02 Apr 2022 04:59

Instrument :
MSVOA_N
ClientSampleId :
FB033122

Tgt Ion:117 Resp: 1148508
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071785.D
Acq: 02 Apr 2022 04:59

Tgt Ion:152 Resp: 402455
Ion Ratio Lower Upper
152 100
115 55.8 28.9 86.7
150 154.9 0.0 356.2

