

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022322\
 Data File : VN071032.D
 Acq On : 23 Feb 2022 12:53
 Operator : JC\MD
 Sample : VN0223MBL01
 Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223MBL01

Quant Time: Feb 24 00:39:03 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	8.086	168	758697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1199430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1044539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	347342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	453234	52.296	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.600%
35) Dibromofluoromethane	8.022	113	355431	49.821	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.640%
50) Toluene-d8	10.439	98	1421927	49.630	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.260%
62) 4-Bromofluorobenzene	12.727	95	419074	40.922	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	81.840%

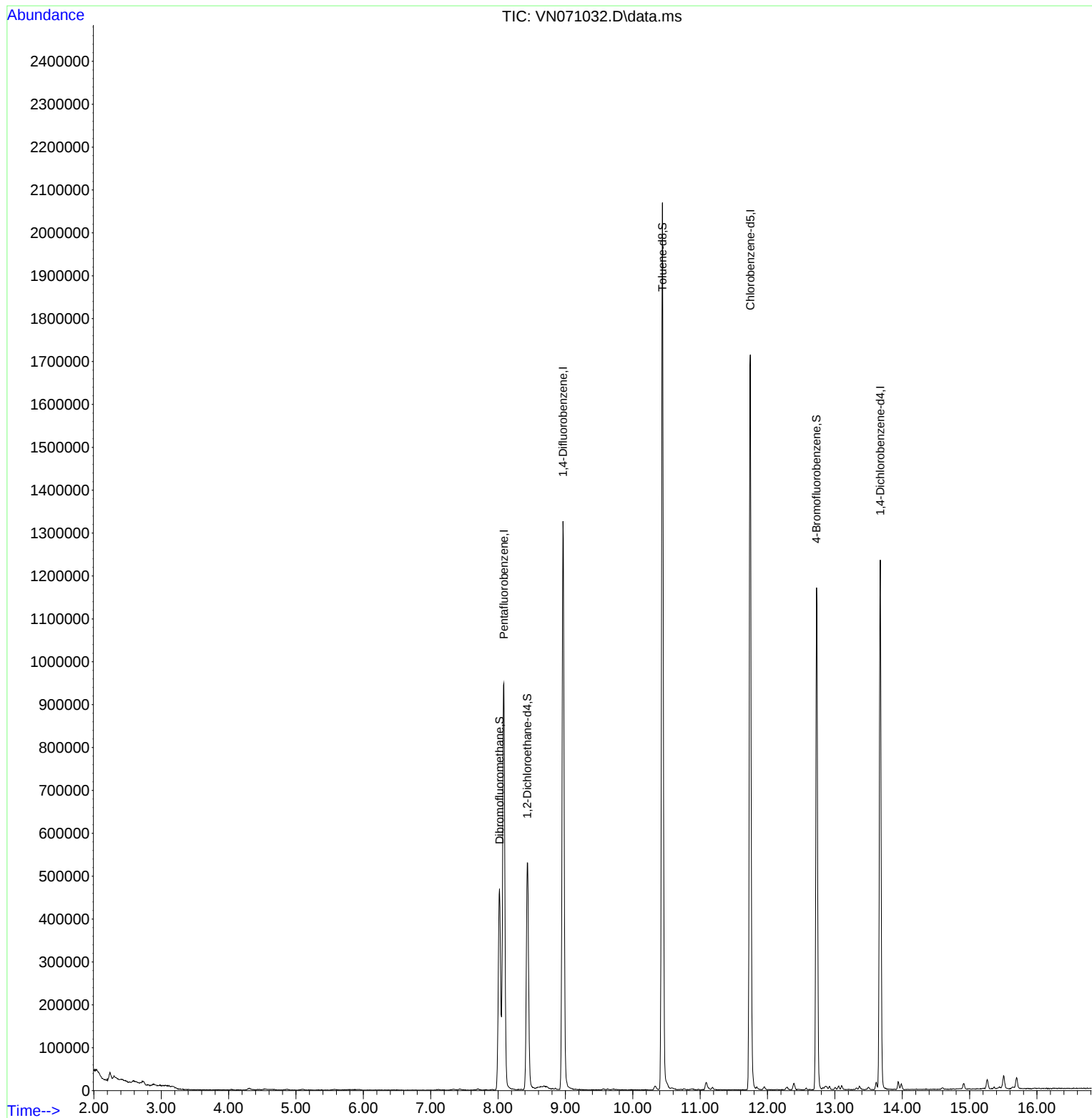
Target Compounds	Qvalue

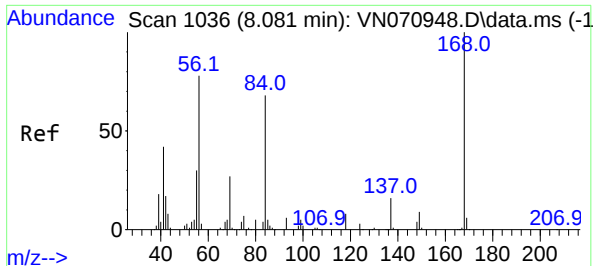
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 1036

Delta R.T. 0.005 min

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MSVOA_N

ClientSampleId :

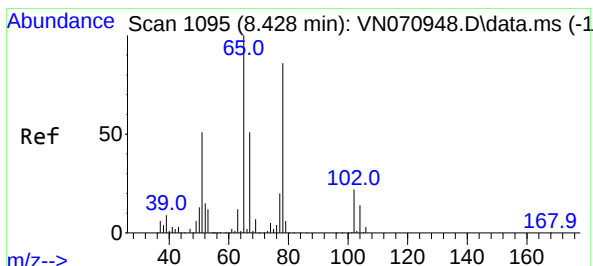
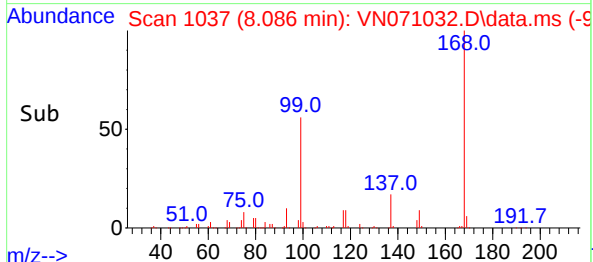
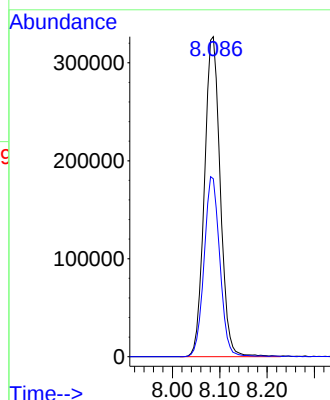
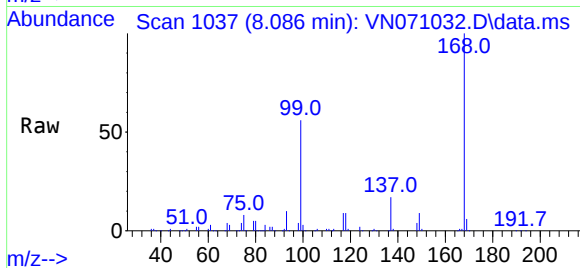
VN0223MBL01

Tgt Ion:168 Resp: 758697

Ion Ratio Lower Upper

168 100

99 55.6 41.3 61.9



1,2-Dichloroethane-d4

Concen: 52.296 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.006 min

Lab File: VN071032.D

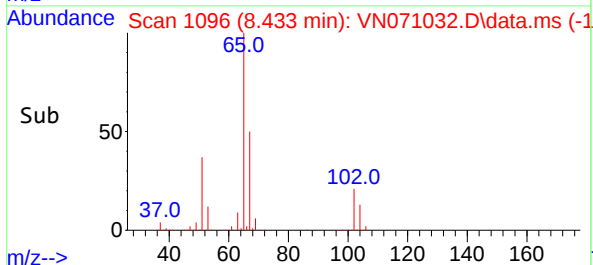
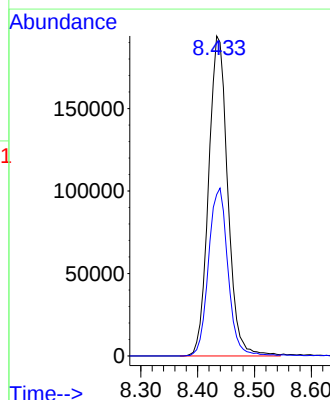
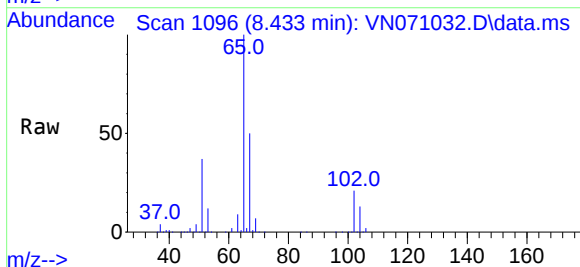
Acq: 23 Feb 2022 12:53

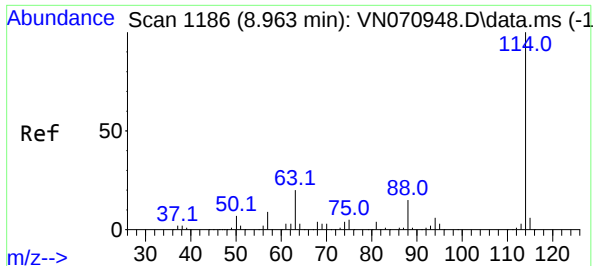
Tgt Ion: 65 Resp: 453234

Ion Ratio Lower Upper

65 100

67 53.1 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: VN071032.D

Acq: 23 Feb 2022 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN0223MBL01

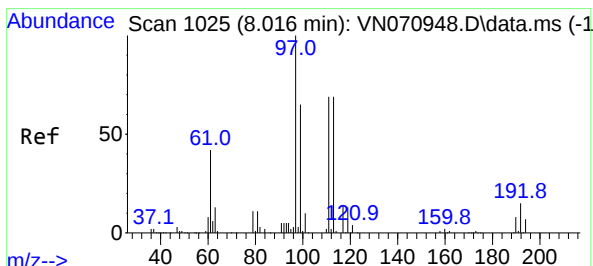
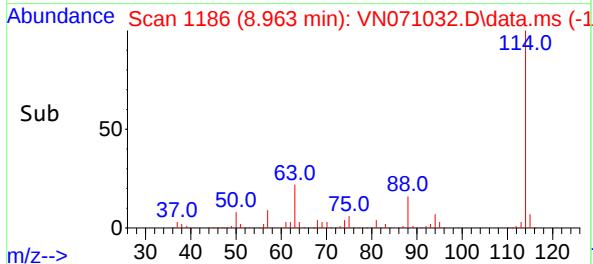
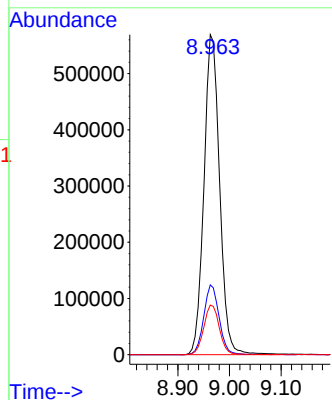
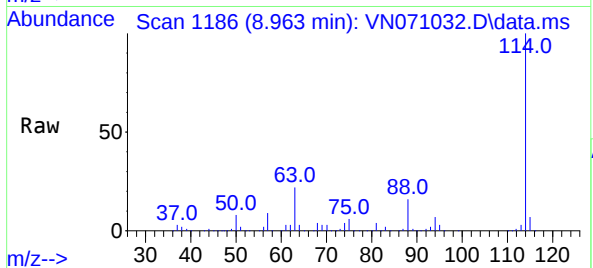
Tgt Ion:114 Resp: 1199430

Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.8

88 15.5 0.0 27.4



#35

Dibromofluoromethane

Concen: 49.821 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071032.D

Acq: 23 Feb 2022 12:53

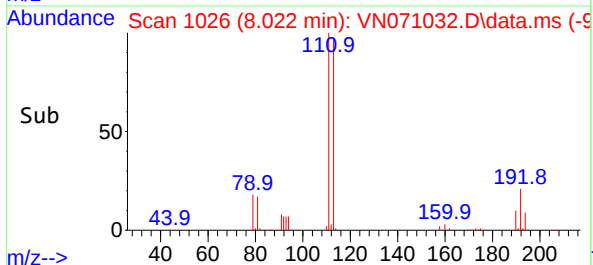
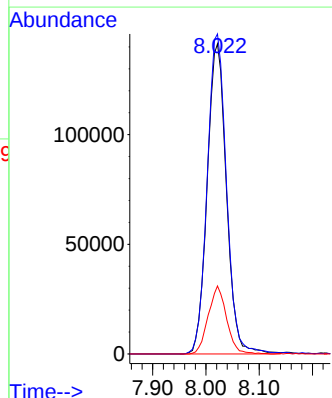
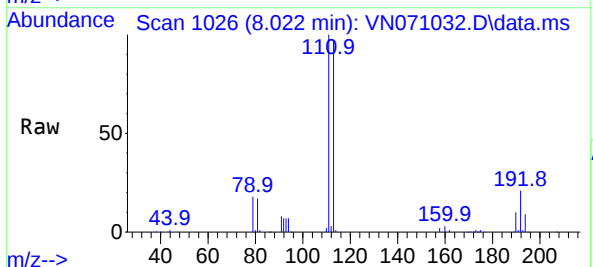
Tgt Ion:113 Resp: 355431

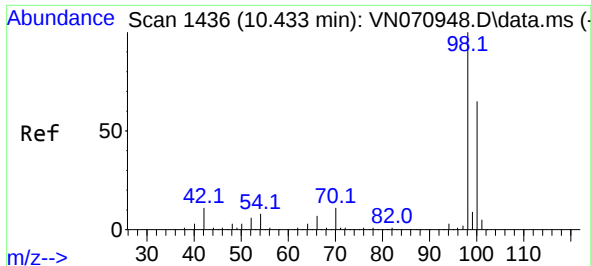
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 20.9 16.9 25.3

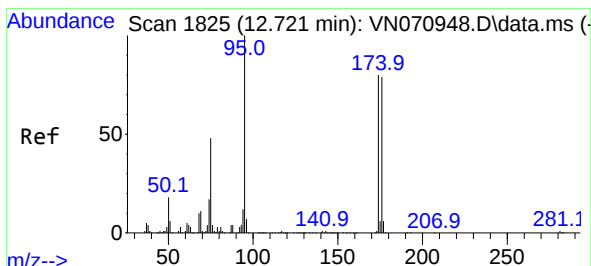
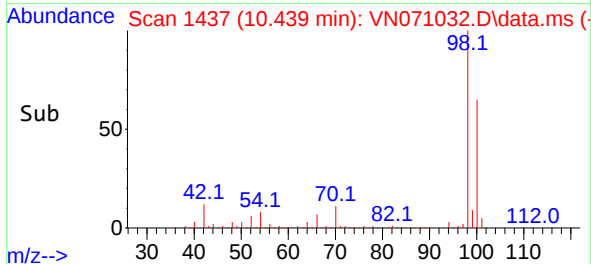
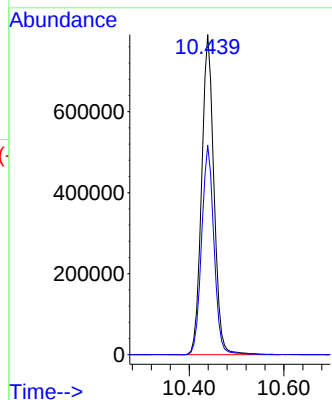
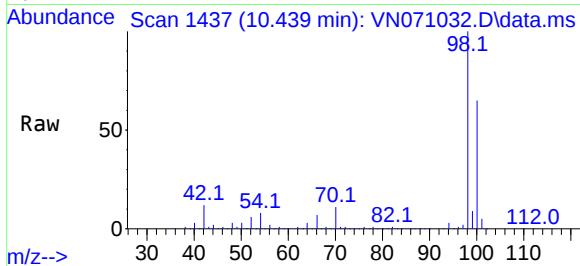




#50
Toluene-d8
Concen: 49.630 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071032.D
Acq: 23 Feb 2022 12:53

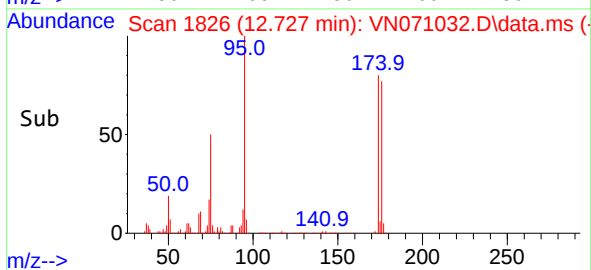
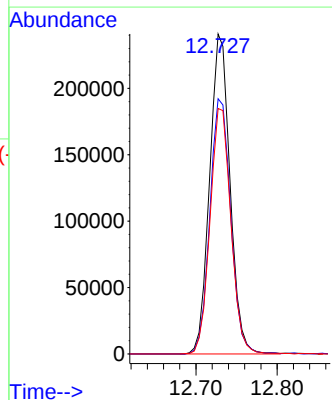
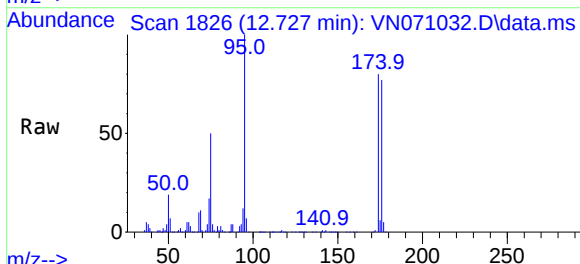
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VN0223MBL01

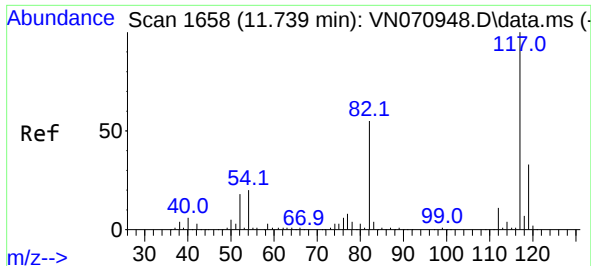
Tgt Ion: 98 Resp: 1421927
Ion Ratio Lower Upper
98 100
100 65.8 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 40.922 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071032.D
Acq: 23 Feb 2022 12:53

Tgt Ion: 95 Resp: 419074
Ion Ratio Lower Upper
95 100
174 81.9 0.0 187.2
176 78.6 0.0 181.4

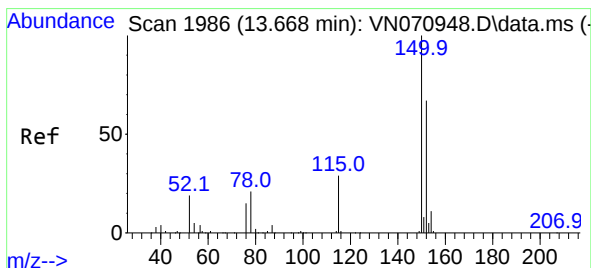
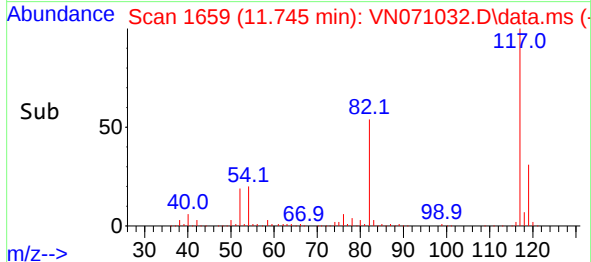
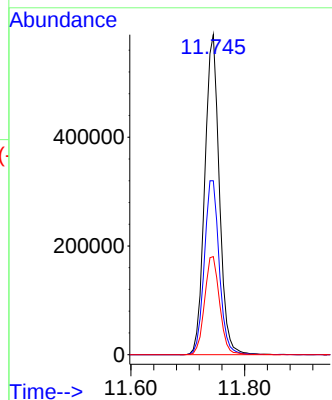
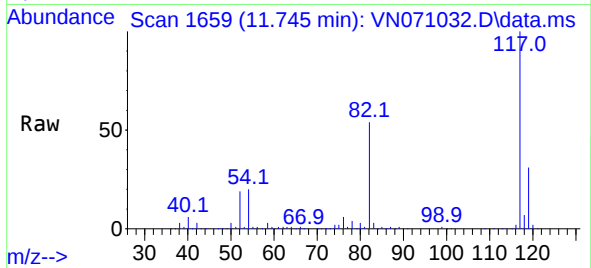




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN071032.D
Acq: 23 Feb 2022 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN0223MBL01

Tgt Ion:117 Resp: 1044539
Ion Ratio Lower Upper
117 100
82 54.4 42.4 63.6
119 30.6 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: VN071032.D
Acq: 23 Feb 2022 12:53

Tgt Ion:152 Resp: 347342
Ion Ratio Lower Upper
152 100
115 57.8 27.5 82.5
150 157.1 0.0 344.4

