

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030122\
 Data File : VN071115.D
 Acq On : 01 Mar 2022 13:28
 Operator : JC\MD
 Sample : VN0301WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0301WBL01

Quant Time: Mar 02 03:28:11 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	8.080	168	902651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1449369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1281483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	435893	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	537920	52.169	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.340%
35) Dibromofluoromethane	8.022	113	416645	48.330	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.660%
50) Toluene-d8	10.439	98	1749325	50.528	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.060%
62) 4-Bromofluorobenzene	12.727	95	593761	47.981	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.960%

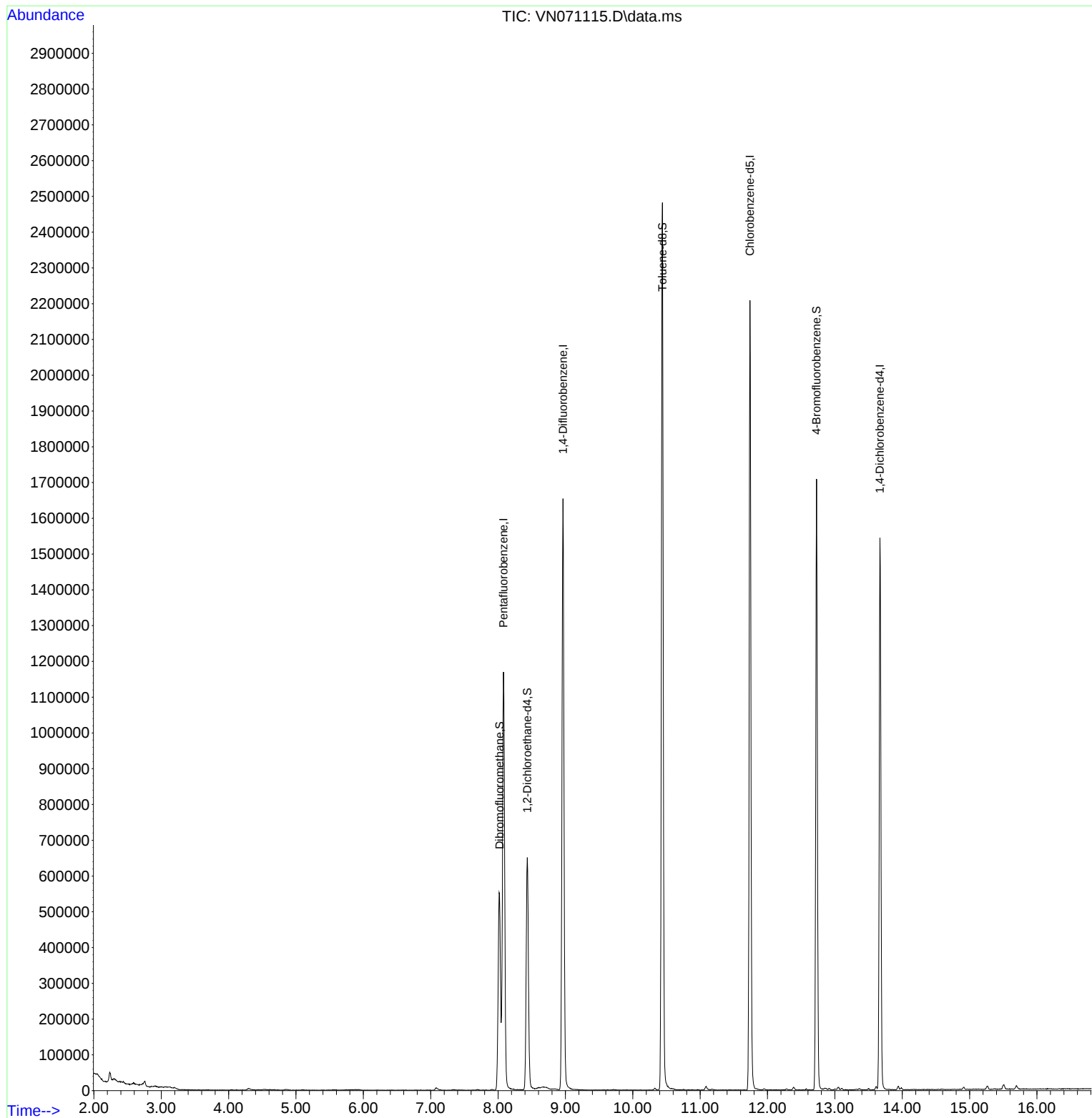
Target Compounds	Qvalue

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

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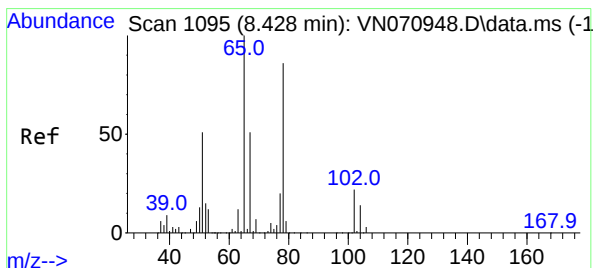
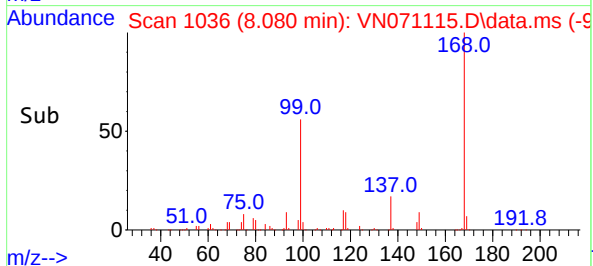
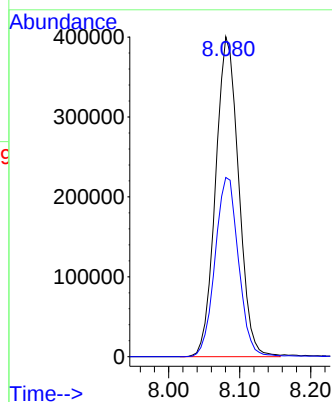
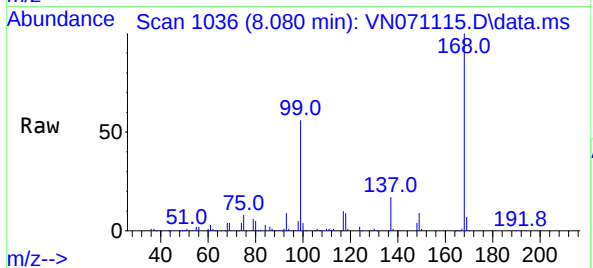




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

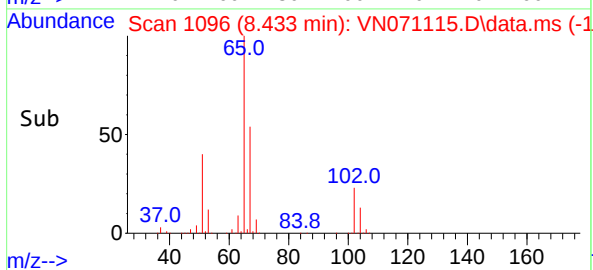
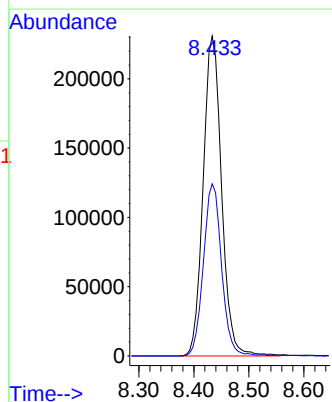
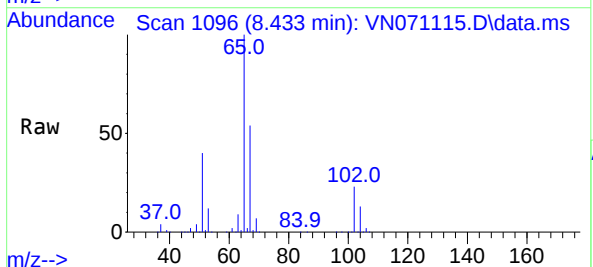
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBL01

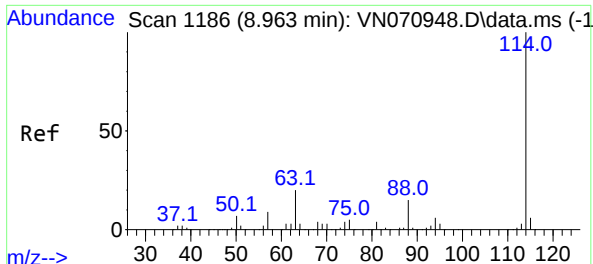
Tgt Ion:168 Resp: 902651
Ion Ratio Lower Upper
168 100
99 56.0 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 52.169 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

Tgt Ion: 65 Resp: 537920
Ion Ratio Lower Upper
65 100
67 52.9 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: VN071115.D

Acq: 01 Mar 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0301WBL01

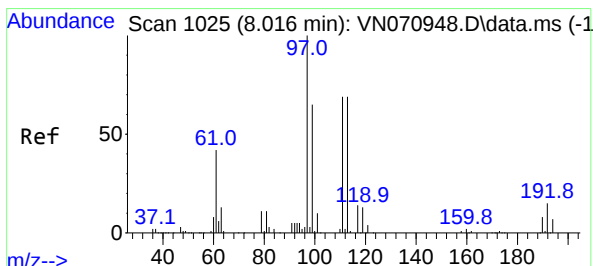
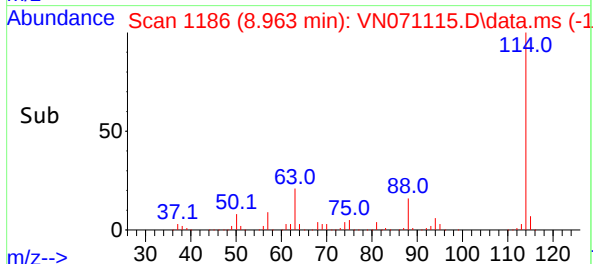
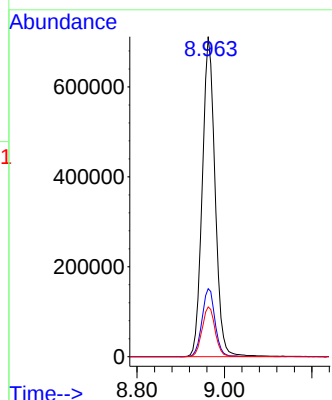
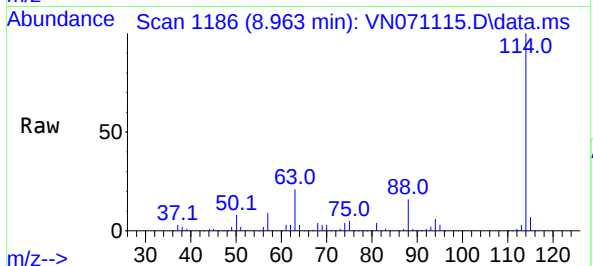
Tgt Ion:114 Resp: 1449369

Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.8

88 15.6 0.0 27.4



#35

Dibromofluoromethane

Concen: 48.330 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071115.D

Acq: 01 Mar 2022 13:28

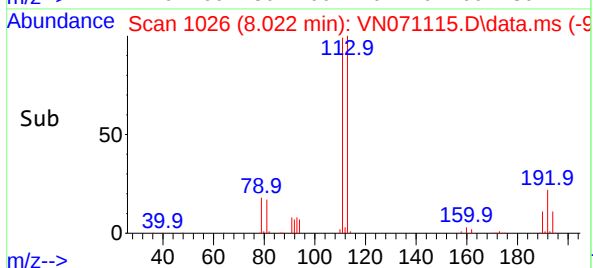
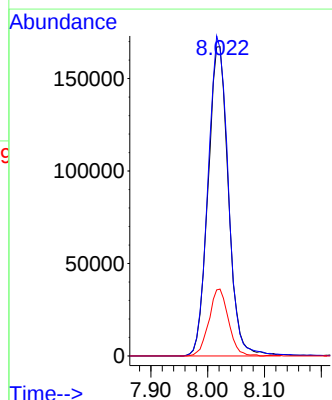
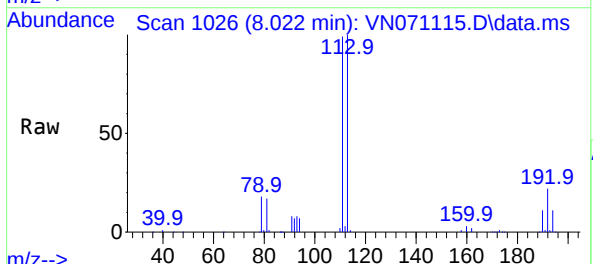
Tgt Ion:113 Resp: 416645

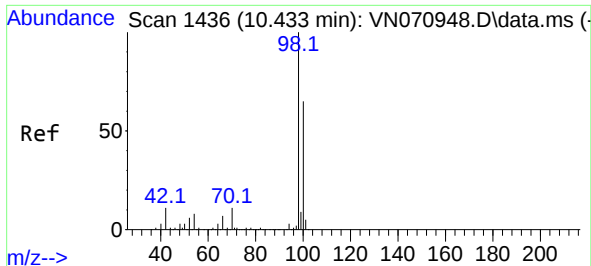
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

192 20.7 16.9 25.3

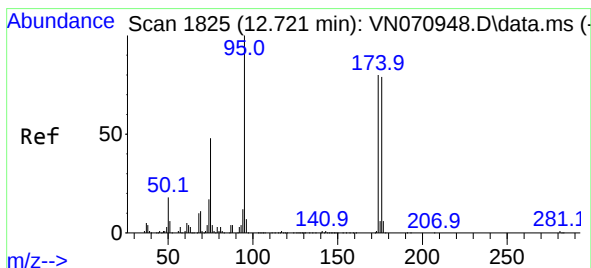
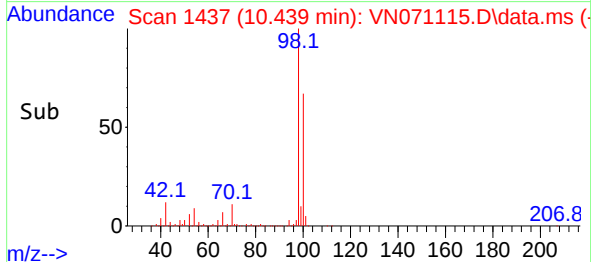
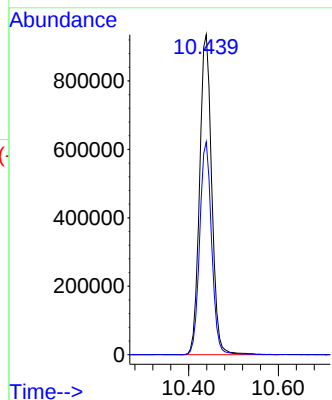
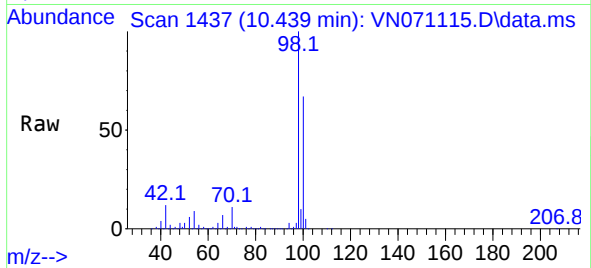




#50
Toluene-d8
Concen: 50.528 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

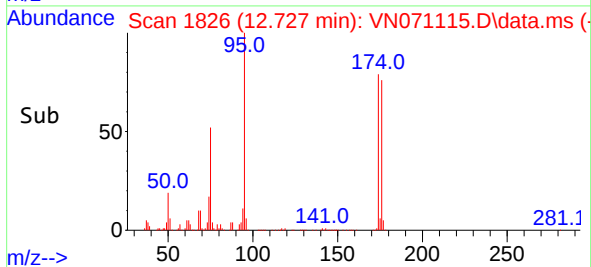
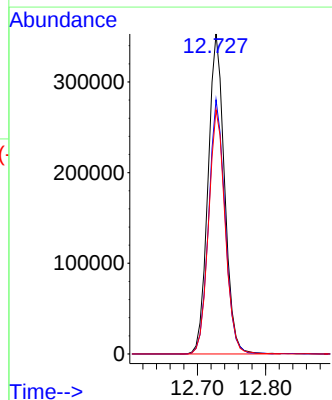
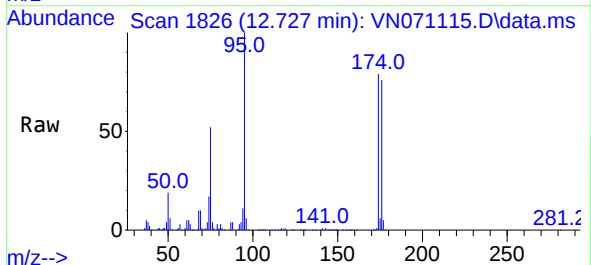
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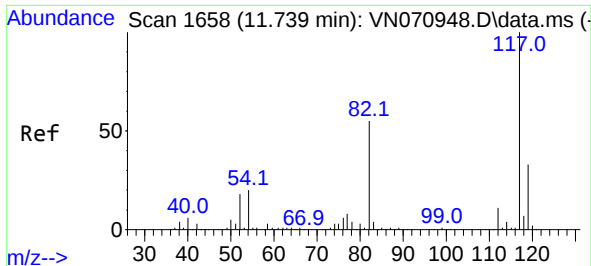
Tgt Ion: 98 Resp: 1749325
Ion Ratio Lower Upper
98 100
100 65.8 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 47.981 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

Tgt Ion: 95 Resp: 593761
Ion Ratio Lower Upper
95 100
174 78.7 0.0 187.2
176 76.4 0.0 181.4

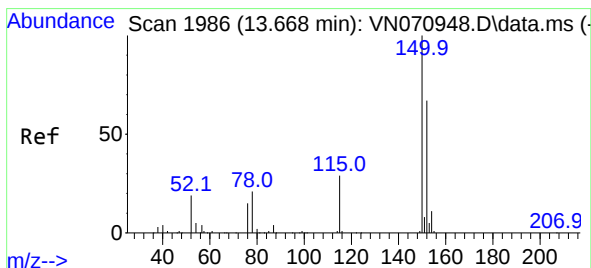
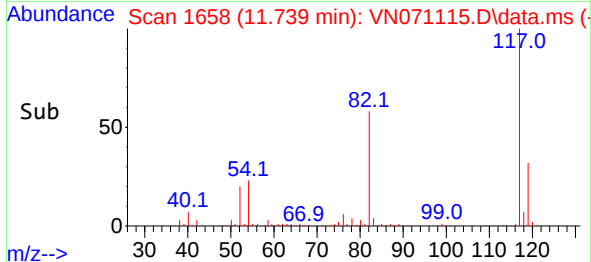
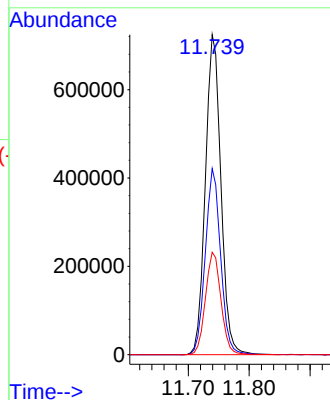
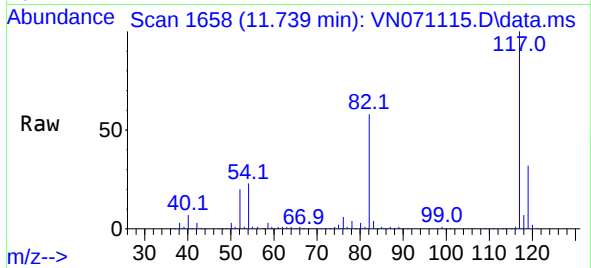




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN0301WBL01

Tgt Ion:117 Resp: 1281483
Ion Ratio Lower Upper
117 100
82 58.2 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: VN071115.D
Acq: 01 Mar 2022 13:28

Tgt Ion:152 Resp: 435893
Ion Ratio Lower Upper
152 100
115 59.0 27.5 82.5
150 155.9 0.0 344.4

