

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072443.D
 Acq On : 12 May 2022 11:05
 Operator : JC\MD
 Sample : VN0512WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0512WBL01

Quant Time: May 13 02:40:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	206386	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	384373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	419479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	173181	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	163142	51.608	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.220%
35) Dibromofluoromethane	8.016	113	123482	48.288	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.580%
50) Toluene-d8	10.439	98	479375	49.221	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.728	95	199057	61.543	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	123.080%

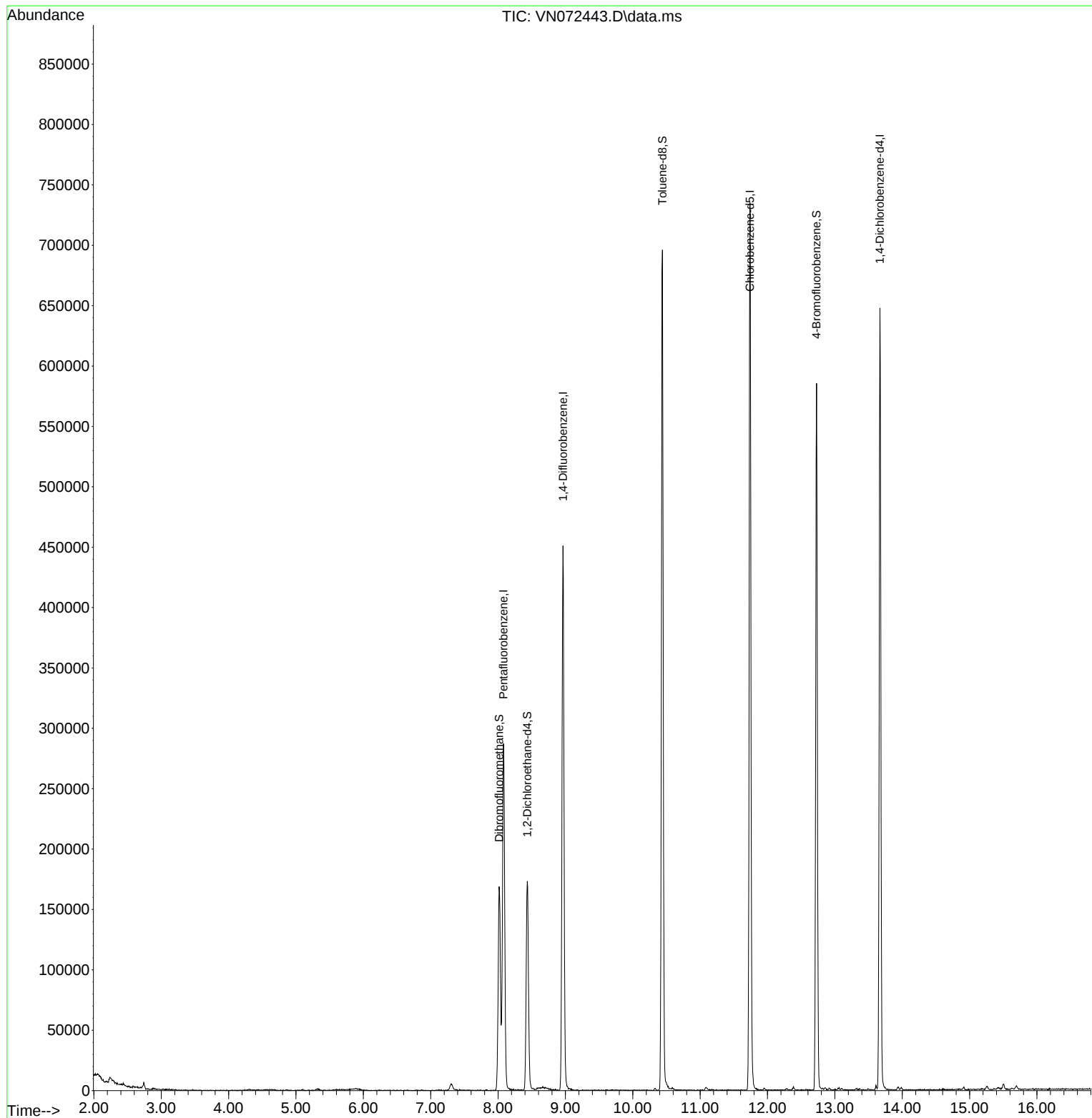
Target Compounds	Qvalue

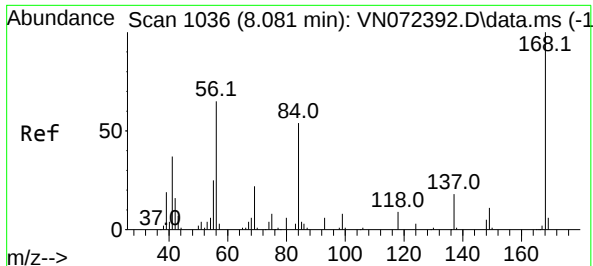
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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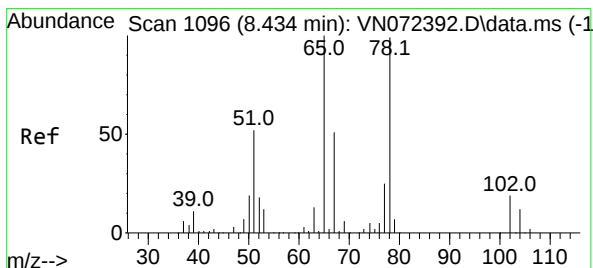
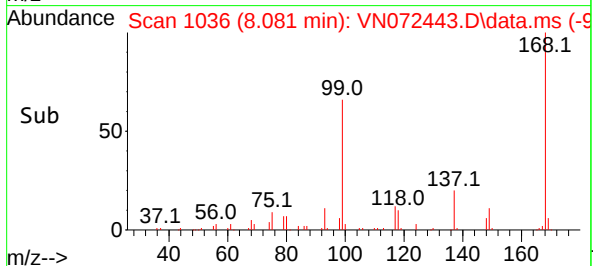
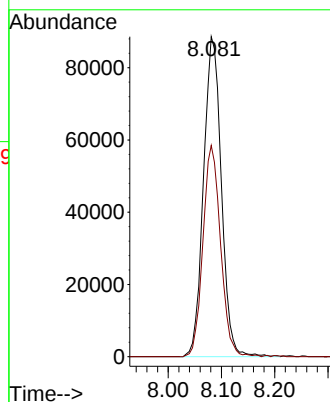
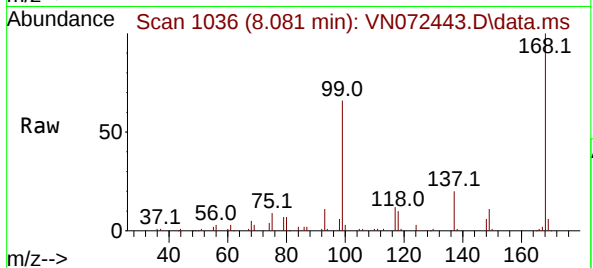




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

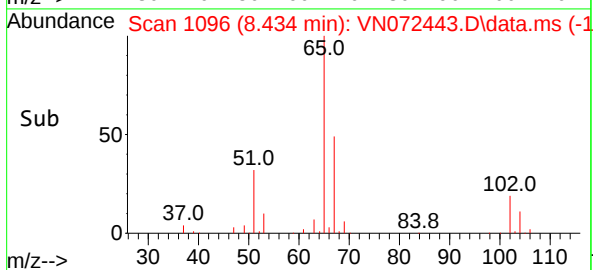
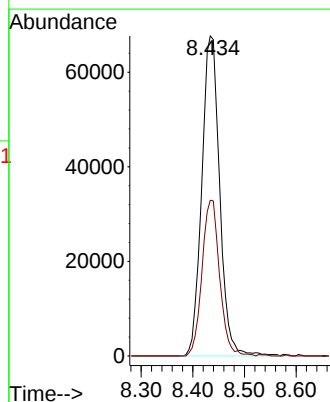
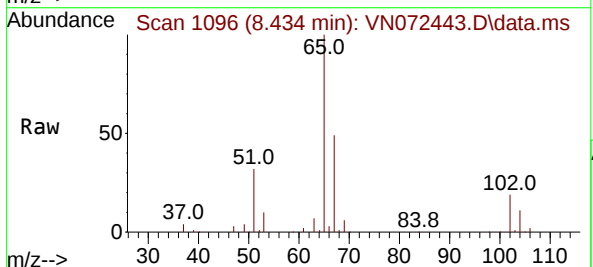
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBL01

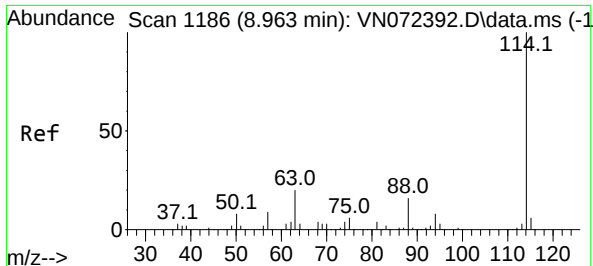
Tgt Ion:168 Resp: 206386
Ion Ratio Lower Upper
168 100
99 66.0 42.3 63.5#



#33
1,2-Dichloroethane-d4
Concen: 51.608 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

Tgt Ion: 65 Resp: 163142
Ion Ratio Lower Upper
65 100
67 47.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072443.D

Acq: 12 May 2022 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBL01

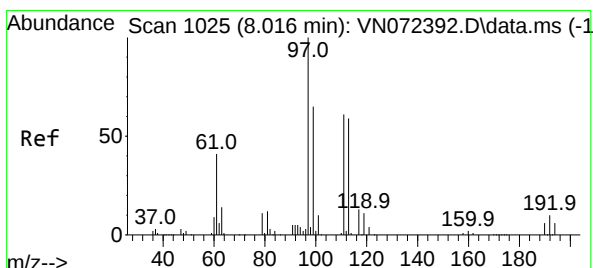
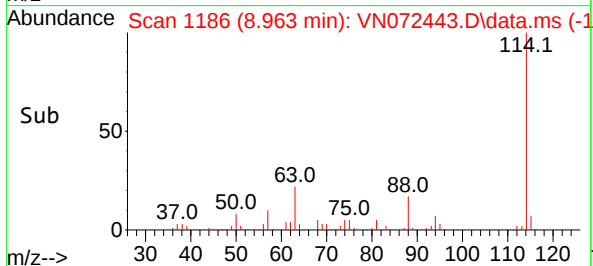
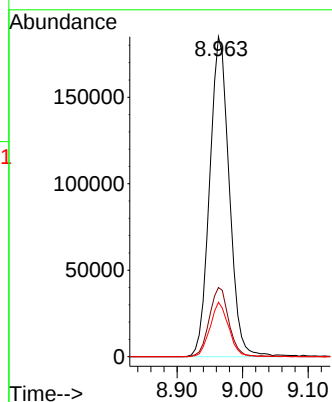
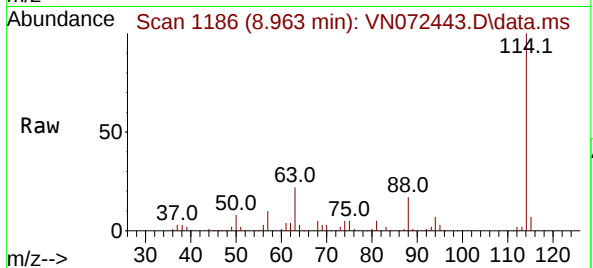
Tgt Ion:114 Resp: 384373

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 17.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.288 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN072443.D

Acq: 12 May 2022 11:05

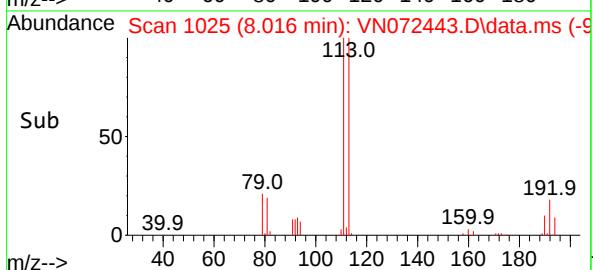
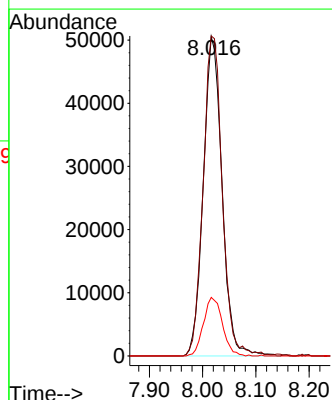
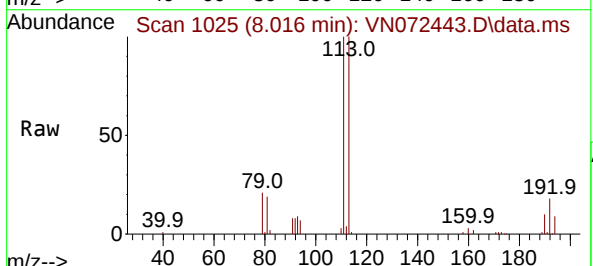
Tgt Ion:113 Resp: 123482

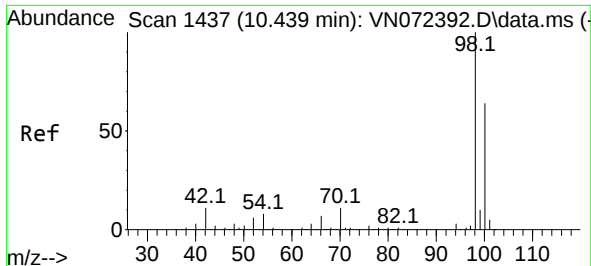
Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 18.6 17.0 25.6

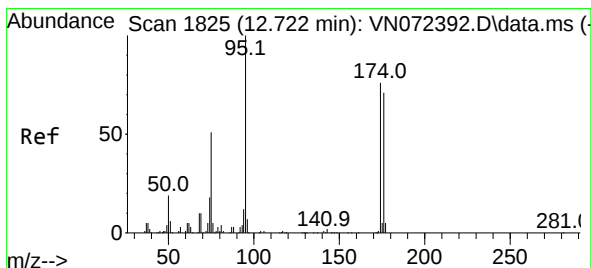
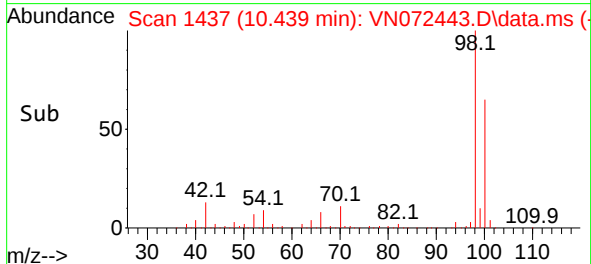
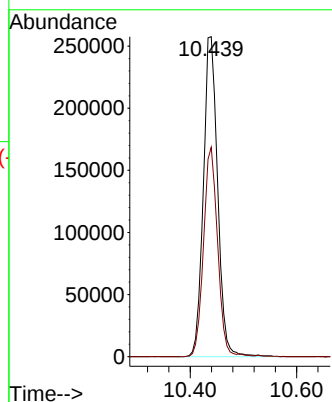
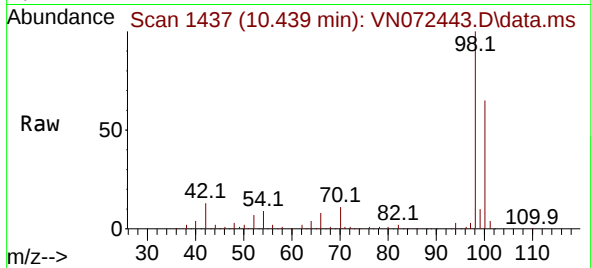




#50
Toluene-d8
Concen: 49.221 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

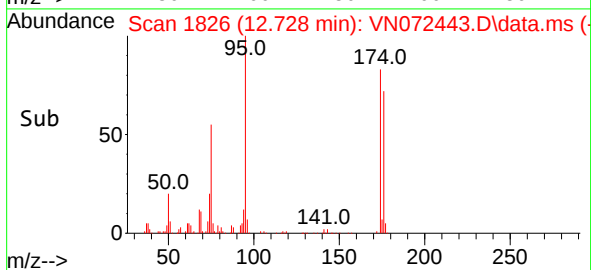
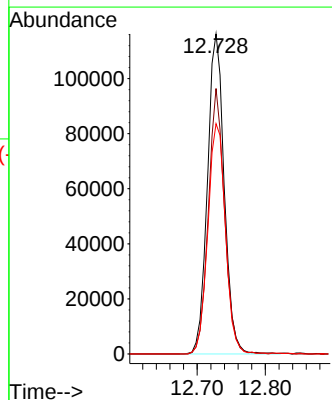
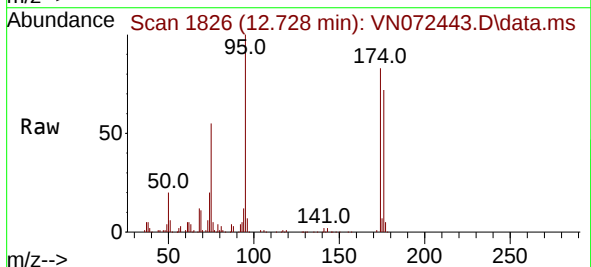
Instrument :
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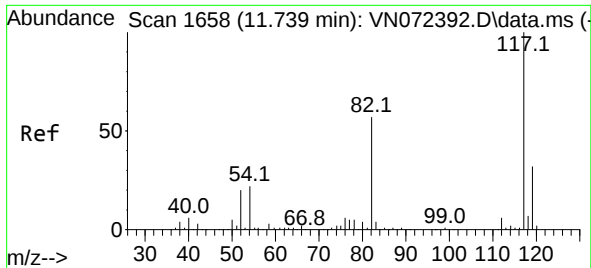
Tgt Ion: 98 Resp: 479375
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 61.543 ug/l
RT: 12.728 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

Tgt Ion: 95 Resp: 199057
Ion Ratio Lower Upper
95 100
174 79.9 0.0 167.6
176 75.3 0.0 163.4

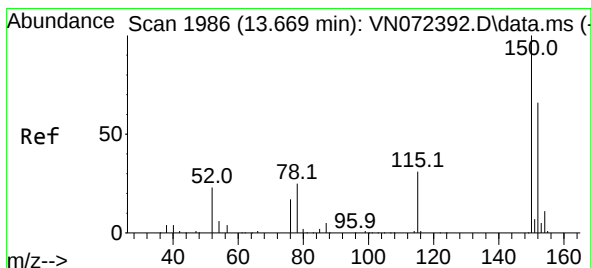
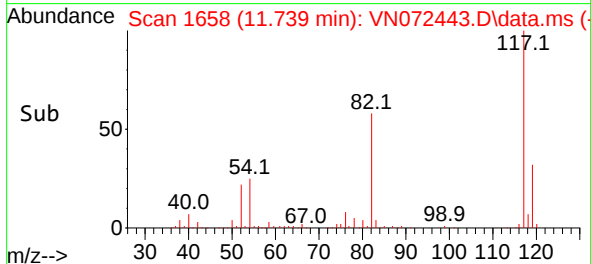
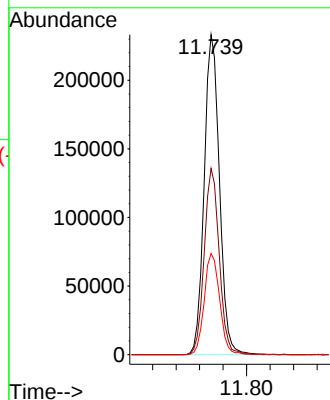
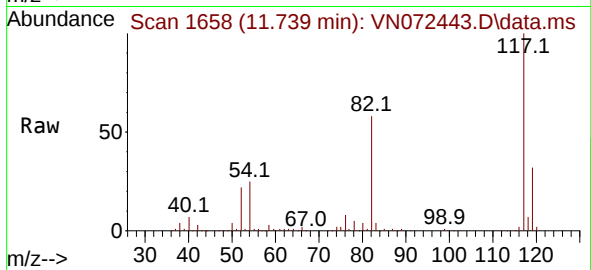




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0512WBL01

Tgt Ion:117 Resp: 419479
Ion Ratio Lower Upper
117 100
82 58.2 44.2 66.2
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072443.D
Acq: 12 May 2022 11:05

Tgt Ion:152 Resp: 173181
Ion Ratio Lower Upper
152 100
115 61.9 28.9 86.7
150 159.5 0.0 356.2

