

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072562.D
 Acq On : 19 May 2022 18:04
 Operator : JC\MD
 Sample : N2965-04 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31508

Quant Time: May 20 06:55:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	288585	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	428711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	382097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	135831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	236709	52.792	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.580%	
35) Dibromofluoromethane	8.016	113	156616	54.143	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 108.280%	
50) Toluene-d8	10.439	98	569488	52.011	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.020%	
62) 4-Bromofluorobenzene	12.727	95	187574	45.099	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 90.200%	

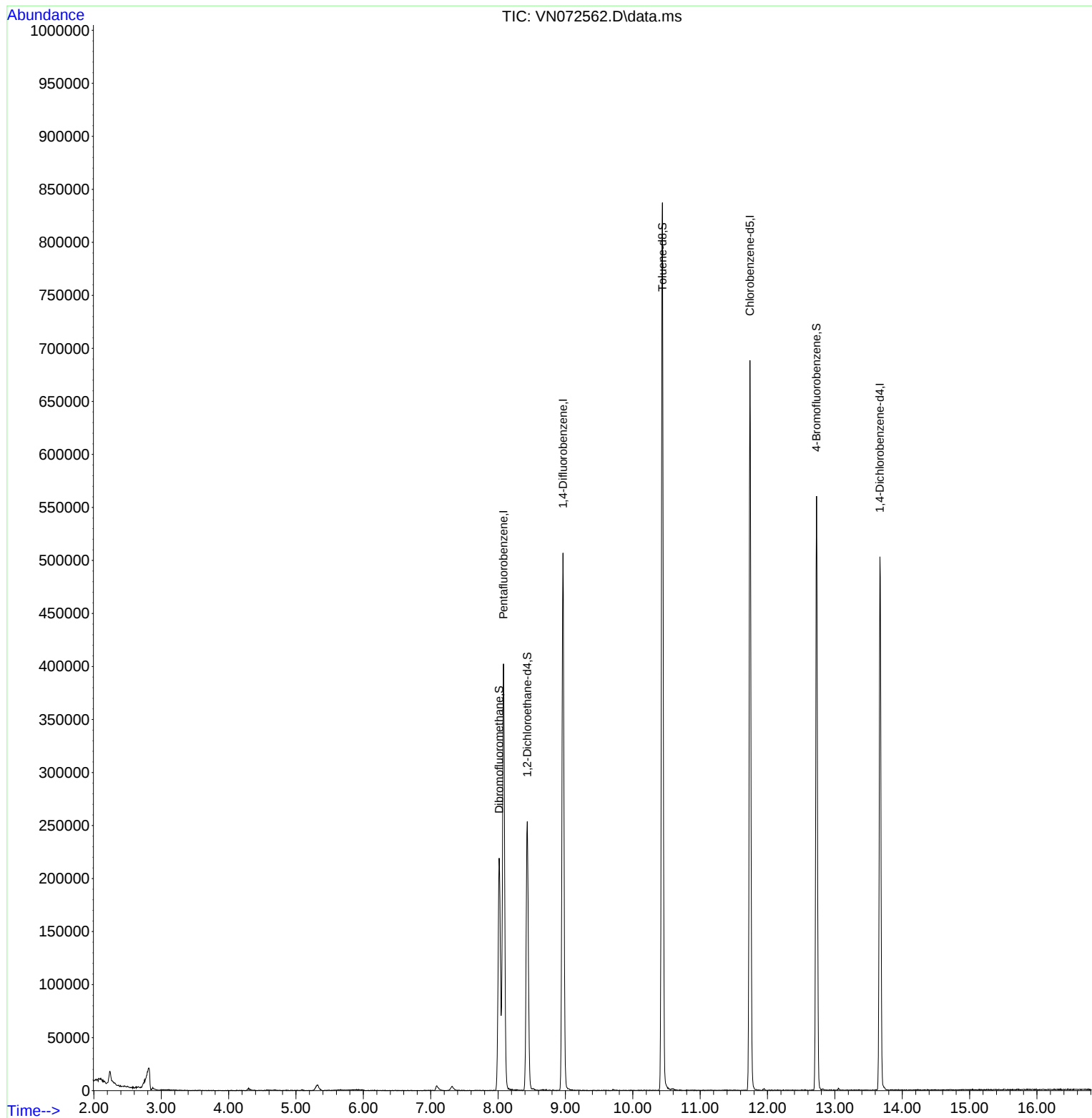
Target Compounds	Qvalue

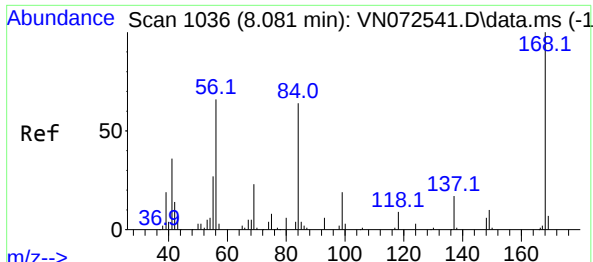
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VN072562.D

Acq: 19 May 2022 18:04

Instrument :

MSVOA_N

ClientSampleId :

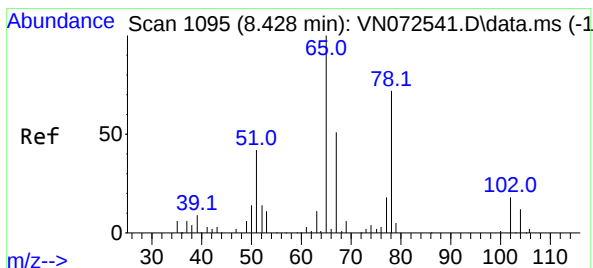
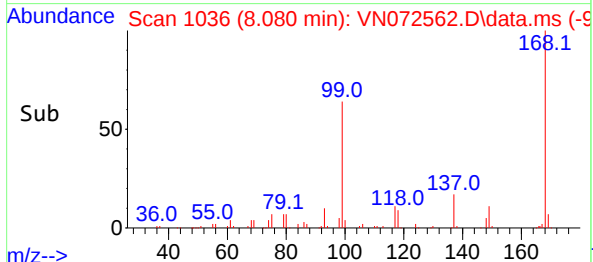
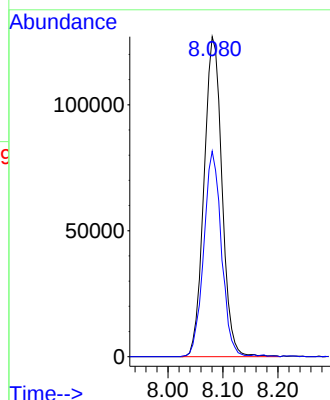
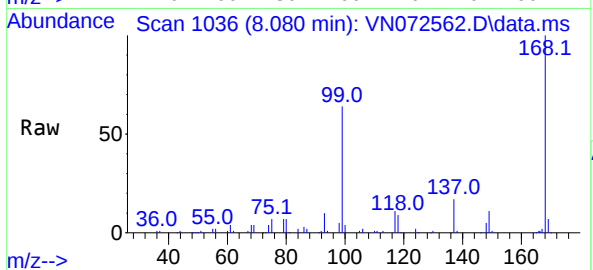
31508

Tgt Ion:168 Resp: 288585

Ion Ratio Lower Upper

168 100

99 64.2 42.3 63.5#



1,2-Dichloroethane-d4

Concen: 52.792 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.005 min

Lab File: VN072562.D

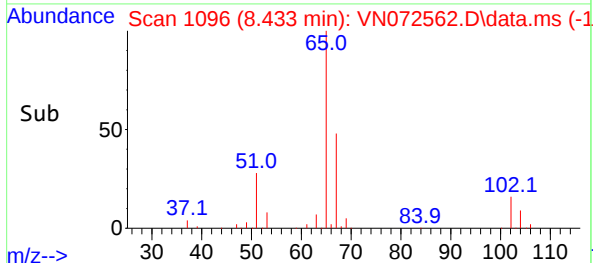
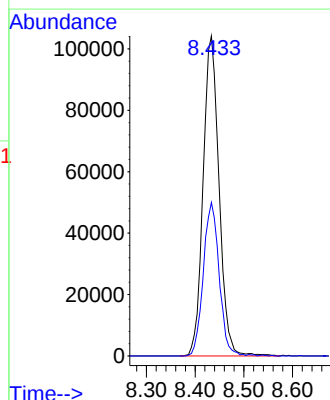
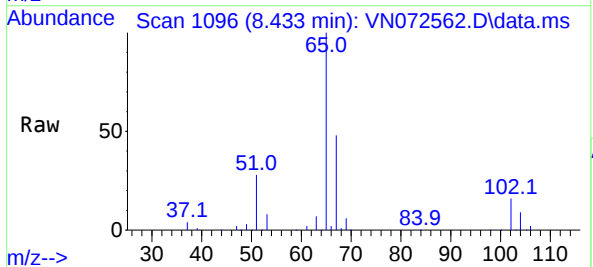
Acq: 19 May 2022 18:04

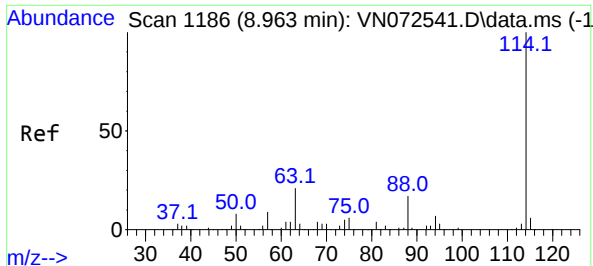
Tgt Ion: 65 Resp: 236709

Ion Ratio Lower Upper

65 100

67 47.5 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: VN072562.D

Acq: 19 May 2022 18:04

Instrument :

MSVOA_N

ClientSampleId :

31508

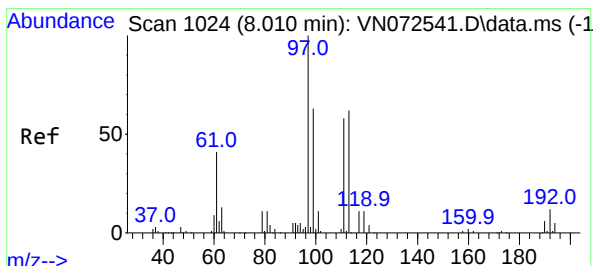
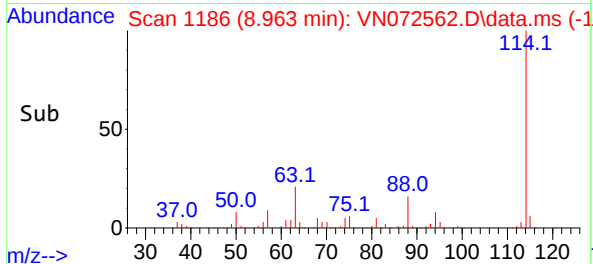
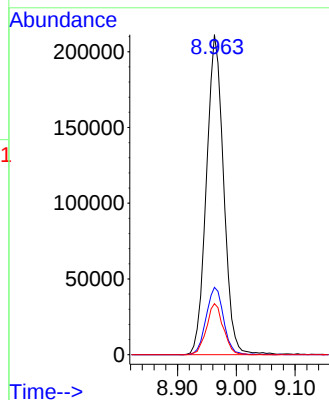
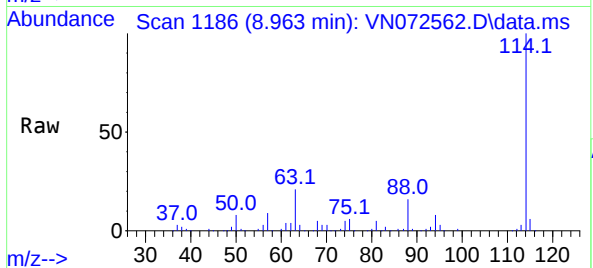
Tgt Ion:114 Resp: 428711

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.143 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.006 min

Lab File: VN072562.D

Acq: 19 May 2022 18:04

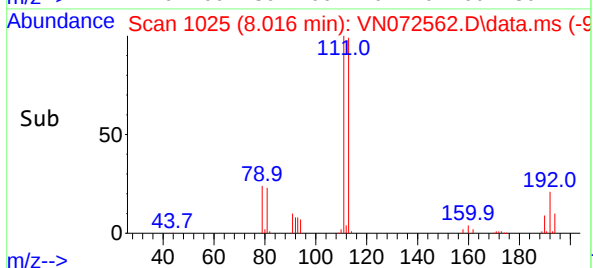
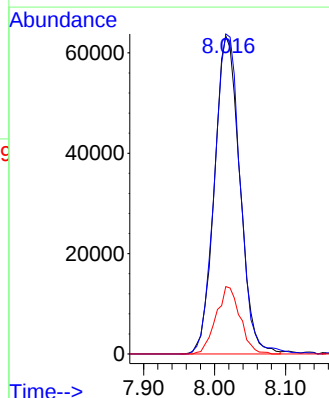
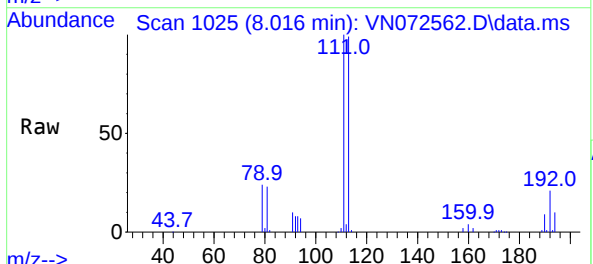
Tgt Ion:113 Resp: 156616

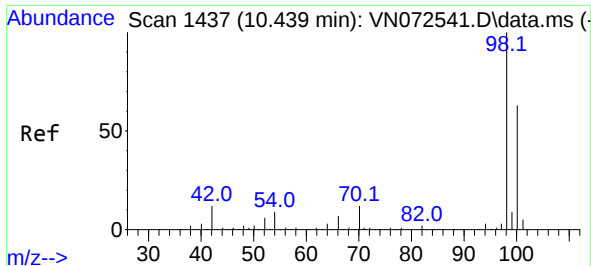
Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 20.1 17.0 25.6

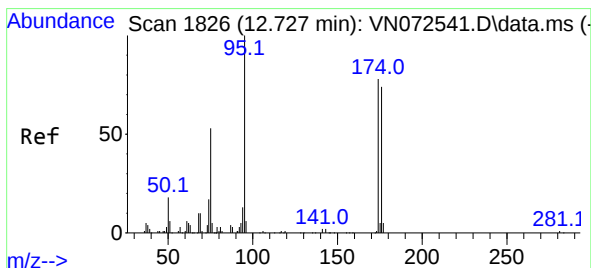
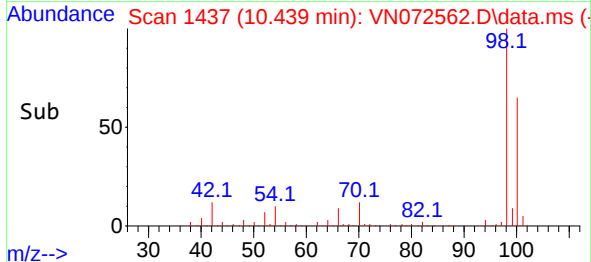
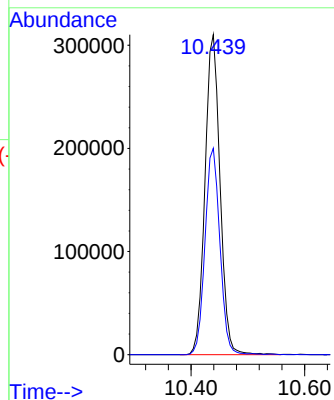
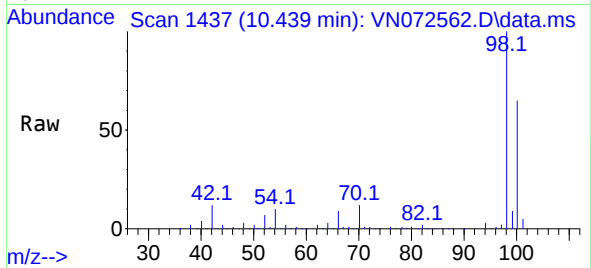




#50
Toluene-d8
Concen: 52.011 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072562.D
Acq: 19 May 2022 18:04

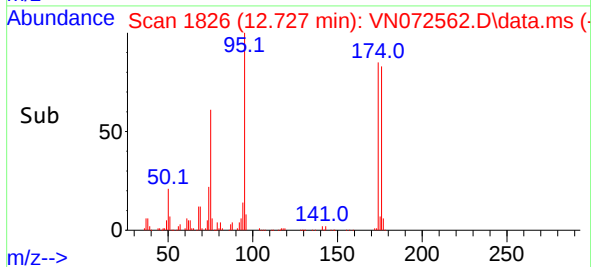
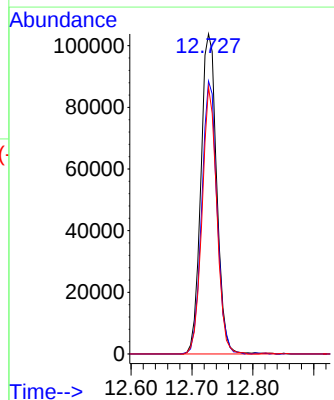
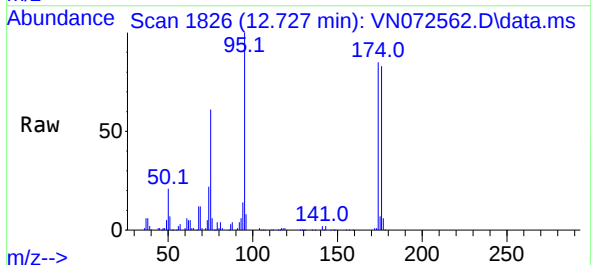
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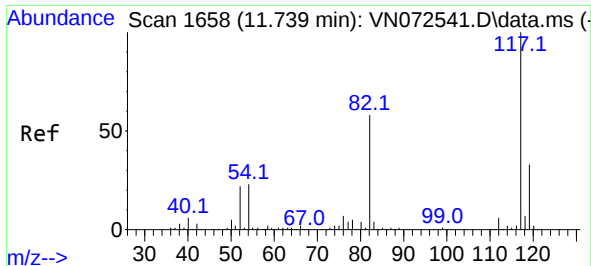
Tgt Ion: 98 Resp: 569488
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.099 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072562.D
Acq: 19 May 2022 18:04

Tgt Ion: 95 Resp: 187574
Ion Ratio Lower Upper
95 100
174 82.1 0.0 167.6
176 77.5 0.0 163.4

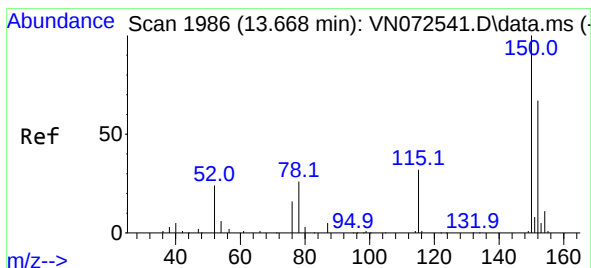
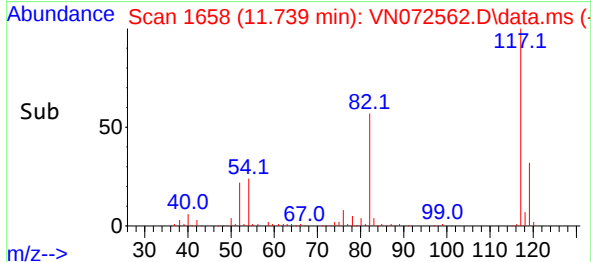
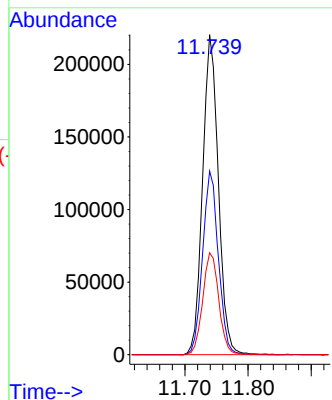
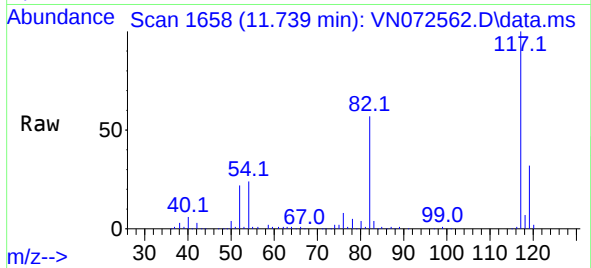




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072562.D
Acq: 19 May 2022 18:04

Instrument :
MSVOA_N
ClientSampleId :
31508

Tgt Ion:117 Resp: 382097
Ion Ratio Lower Upper
117 100
82 57.4 44.2 66.2
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072562.D
Acq: 19 May 2022 18:04

Tgt Ion:152 Resp: 135831
Ion Ratio Lower Upper
152 100
115 63.8 28.9 86.7
150 157.6 0.0 356.2

