

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022723\
 Data File : VN076820.D
 Acq On : 27 Feb 2023 12:55
 Operator : JC\MD
 Sample : 01653-01 2500X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-0567

Quant Time: Feb 28 01:50:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	257332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	474686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	407150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	160159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	186577	52.507	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.020%	
35) Dibromofluoromethane	8.172	113	145980	46.960	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.920%	
50) Toluene-d8	10.572	98	571823	49.255	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.520%	
62) 4-Bromofluorobenzene	12.854	95	162477	42.256	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 84.520%	

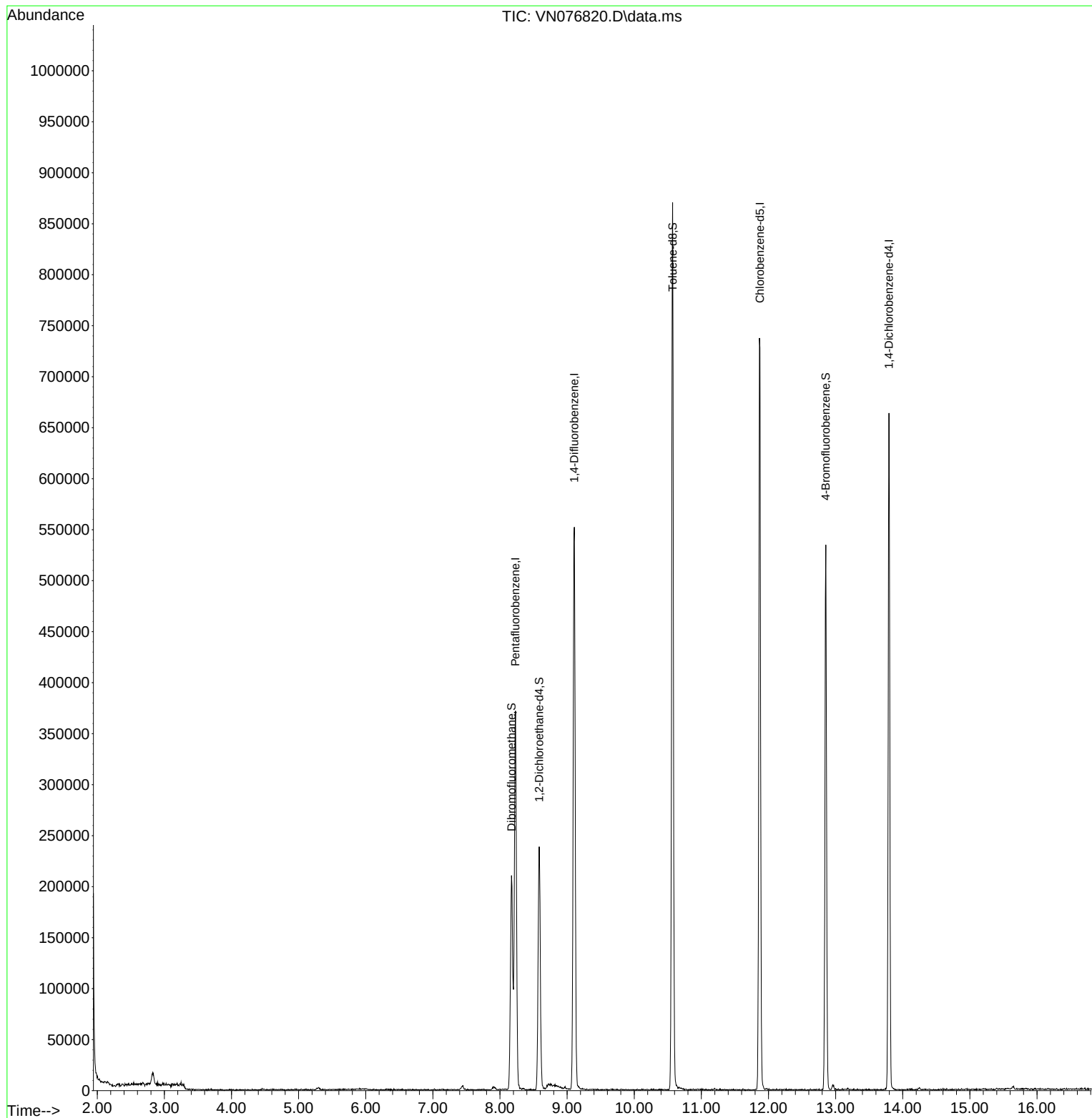
Target Compounds	Qvalue

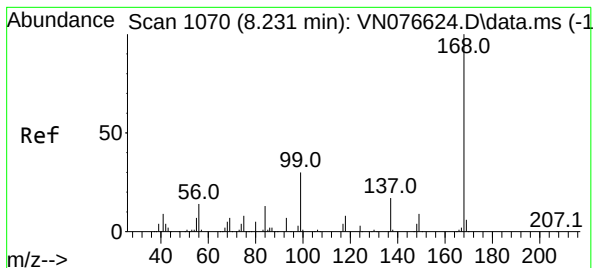
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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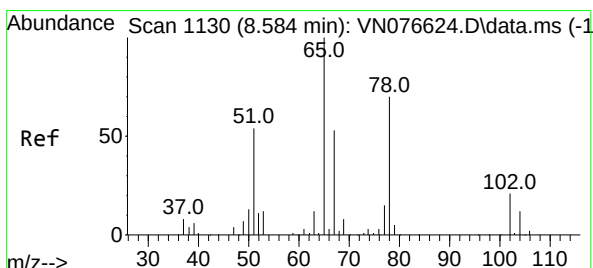
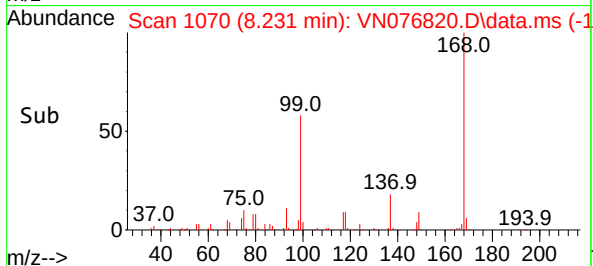
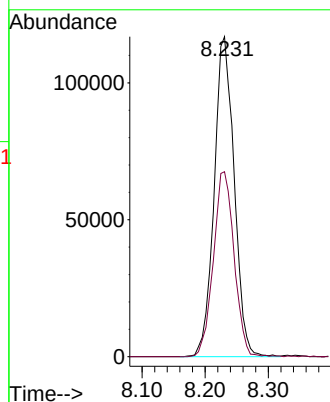
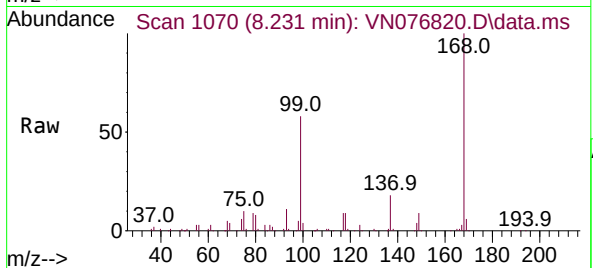




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076820.D
Acq: 27 Feb 2023 12:55

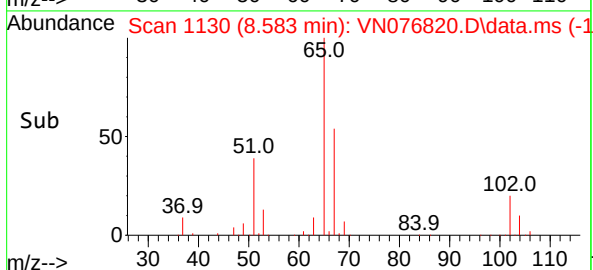
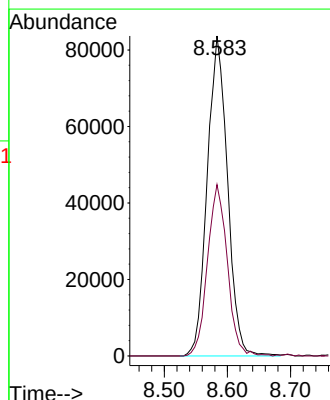
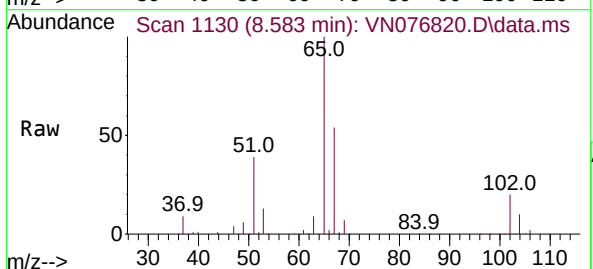
Instrument :
MSVOA_N
ClientSampleId :
OK-0567

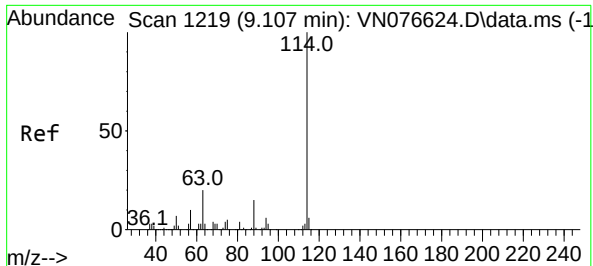
Tgt Ion:168 Resp: 257332
Ion Ratio Lower Upper
168 100
99 57.8 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 52.507 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076820.D
Acq: 27 Feb 2023 12:55

Tgt Ion: 65 Resp: 186577
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076820.D

Acq: 27 Feb 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

OK-0567

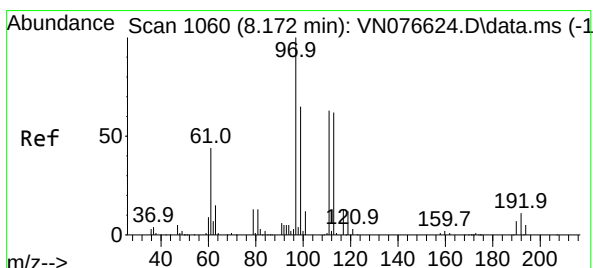
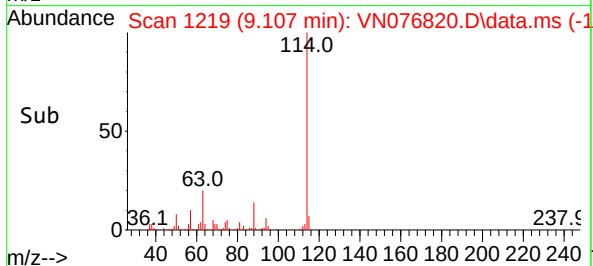
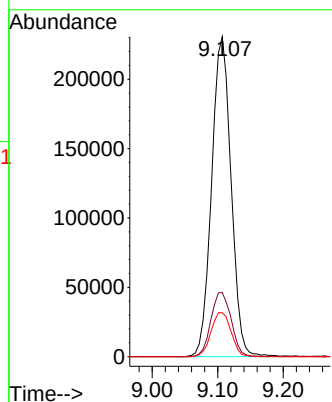
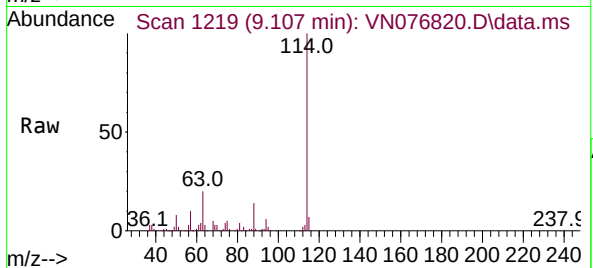
Tgt Ion:114 Resp: 474686

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 13.8 0.0 29.6



#35

Dibromofluoromethane

Concen: 46.960 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076820.D

Acq: 27 Feb 2023 12:55

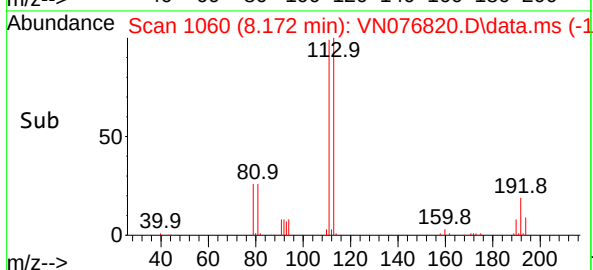
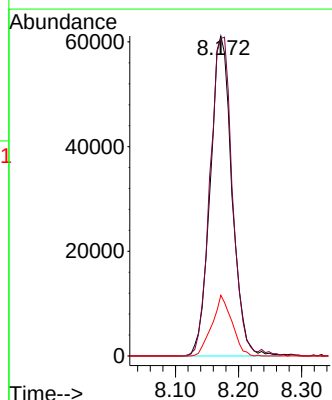
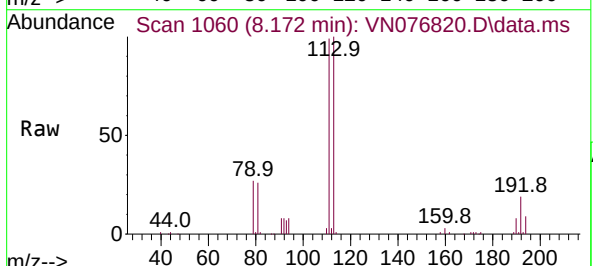
Tgt Ion:113 Resp: 145980

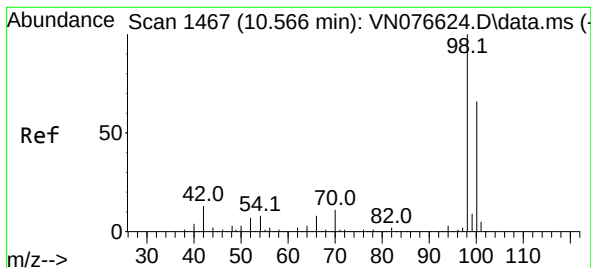
Ion Ratio Lower Upper

113 100

111 101.9 83.1 124.7

192 17.4 15.6 23.4





#50

Toluene-d8

Concen: 49.255 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076820.D

Acq: 27 Feb 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

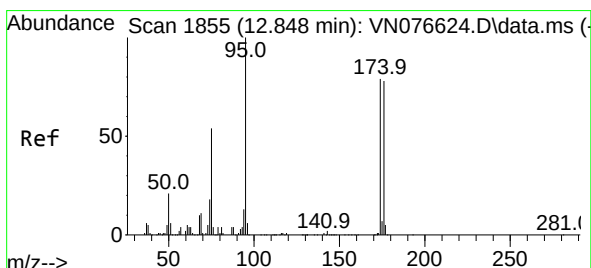
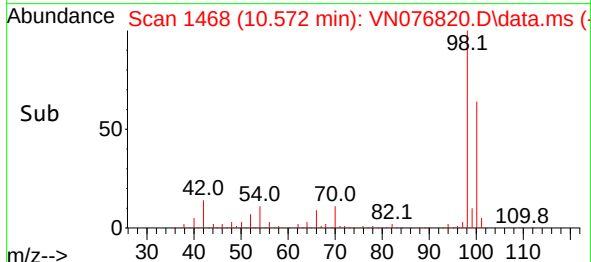
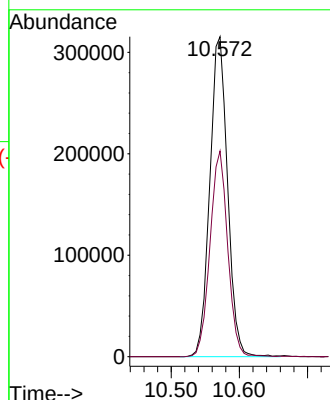
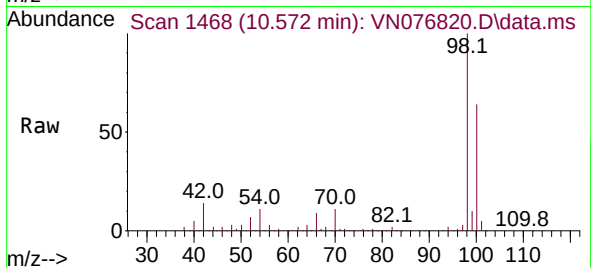
OK-0567

Tgt Ion: 98 Resp: 571823

Ion Ratio Lower Upper

98 100

100 64.1 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 42.256 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN076820.D

Acq: 27 Feb 2023 12:55

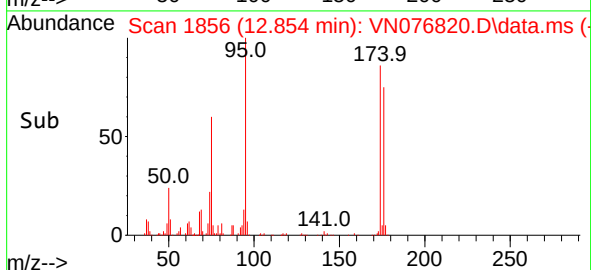
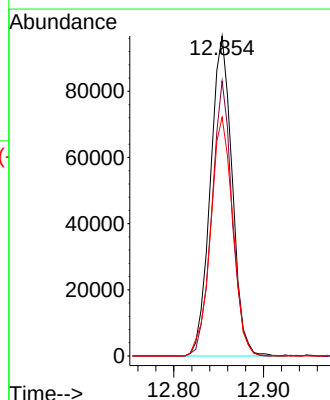
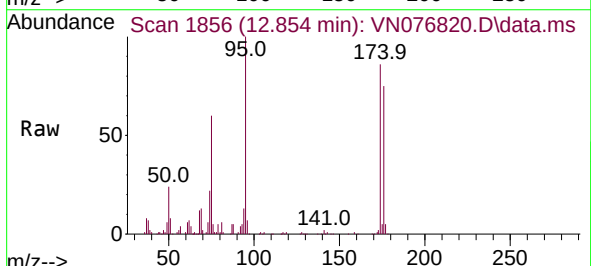
Tgt Ion: 95 Resp: 162477

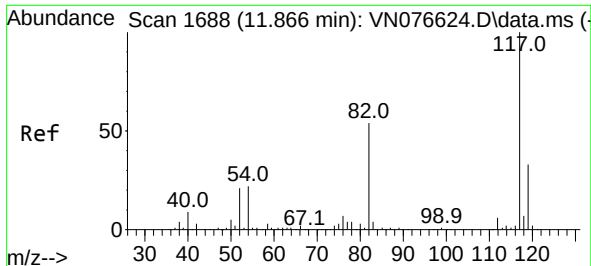
Ion Ratio Lower Upper

95 100

174 80.1 0.0 169.2

176 76.2 0.0 163.4

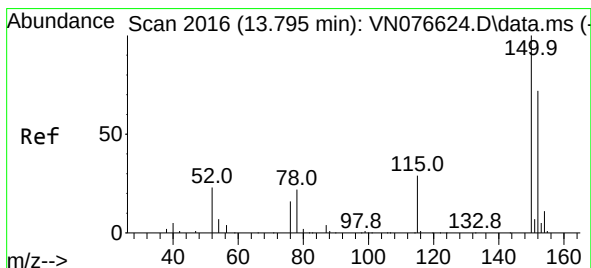
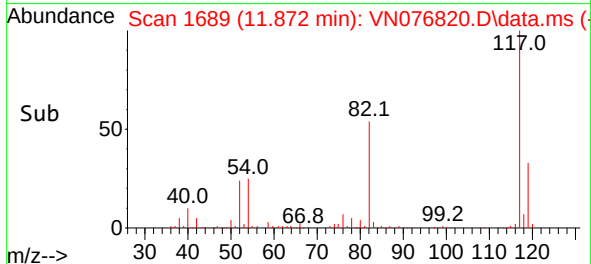
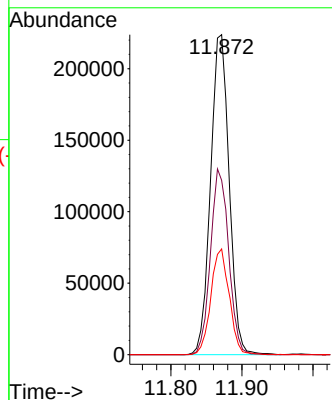
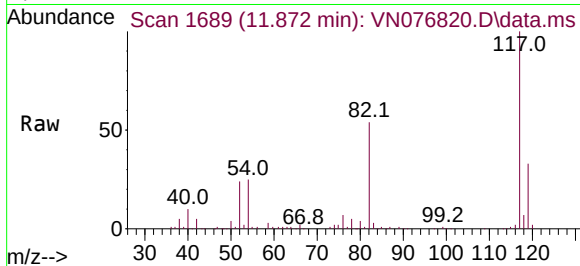




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076820.D
Acq: 27 Feb 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :
OK-0567

Tgt Ion:117 Resp: 407150
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.2
119 33.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076820.D
Acq: 27 Feb 2023 12:55

Tgt Ion:152 Resp: 160159
Ion Ratio Lower Upper
152 100
115 59.6 29.3 87.9
150 158.3 0.0 349.8

