

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022723\
 Data File : VN076815.D
 Acq On : 27 Feb 2023 10:16
 Operator : JC\MD
 Sample : VN0227MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227MBL01

Quant Time: Feb 28 01:49:44 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	244556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	444523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	381626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	147118	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	183242	54.262	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.520%
35) Dibromofluoromethane	8.172	113	139939	48.071	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.140%
50) Toluene-d8	10.572	98	533897	49.109	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.220%
62) 4-Bromofluorobenzene	12.854	95	153431	42.611	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.220%

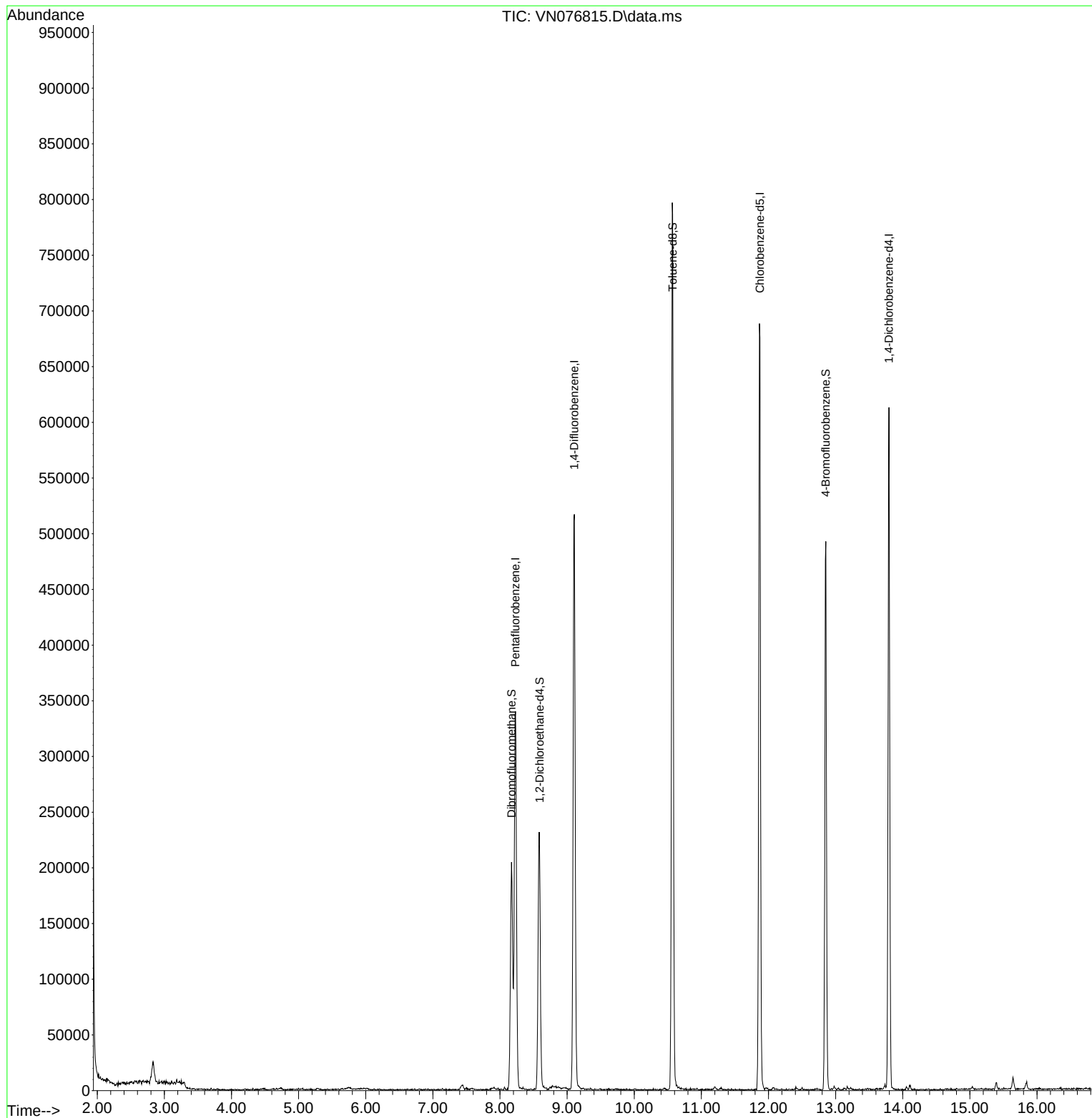
Target Compounds	Qvalue

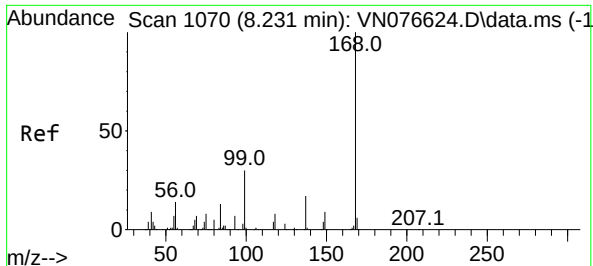
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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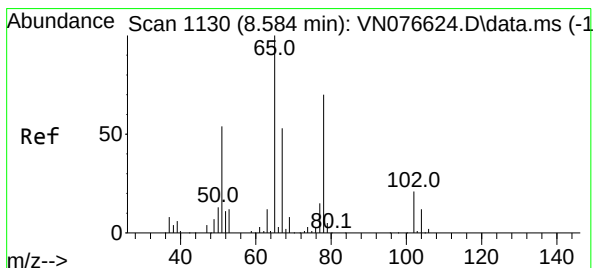
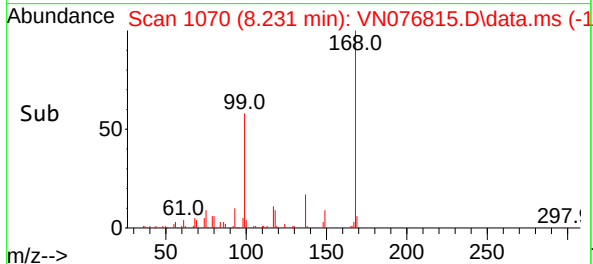
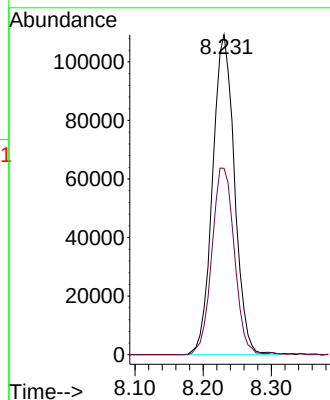
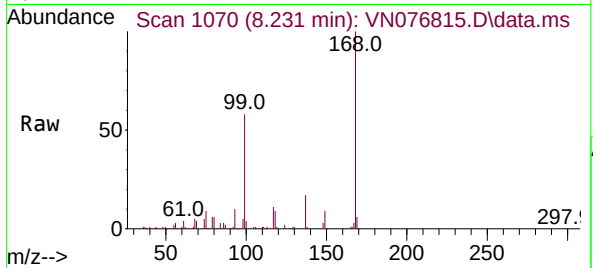




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076815.D
Acq: 27 Feb 2023 10:16

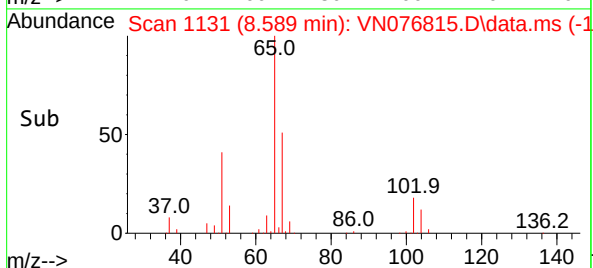
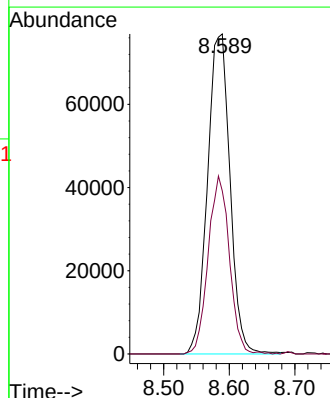
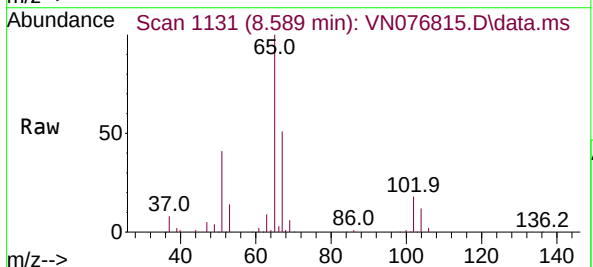
Instrument :
MSVOA_N
ClientSampleId :
VN0227MBL01

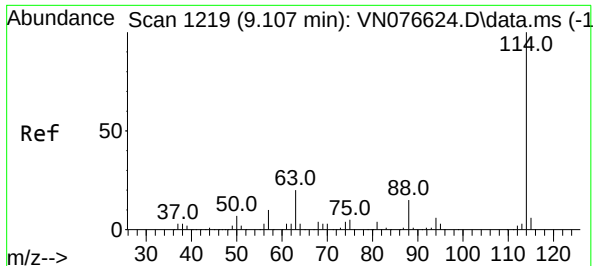
Tgt Ion:168 Resp: 244556
Ion Ratio Lower Upper
168 100
99 58.3 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 54.262 ug/l
RT: 8.589 min Scan# 1131
Delta R.T. 0.005 min
Lab File: VN076815.D
Acq: 27 Feb 2023 10:16

Tgt Ion: 65 Resp: 183242
Ion Ratio Lower Upper
65 100
67 52.4 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: VN076815.D

Acq: 27 Feb 2023 10:16

Instrument :

MSVOA_N

ClientSampleId :

VN0227MBL01

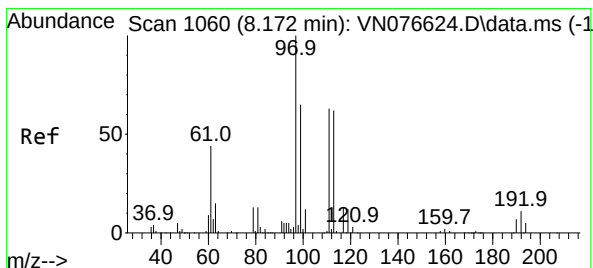
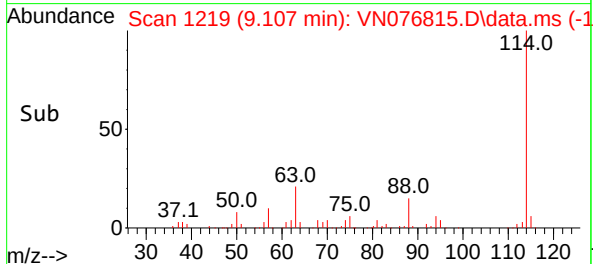
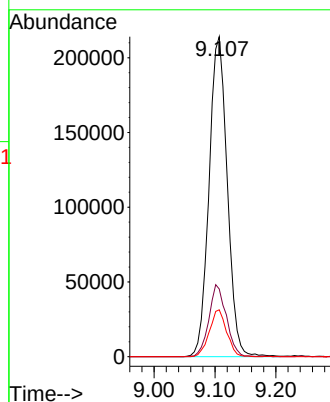
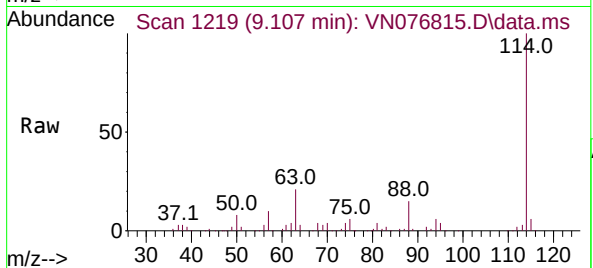
Tgt Ion:114 Resp: 444523

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

88 14.7 0.0 29.6



#35

Dibromofluoromethane

Concen: 48.071 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076815.D

Acq: 27 Feb 2023 10:16

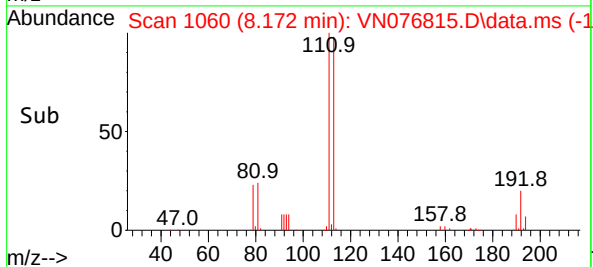
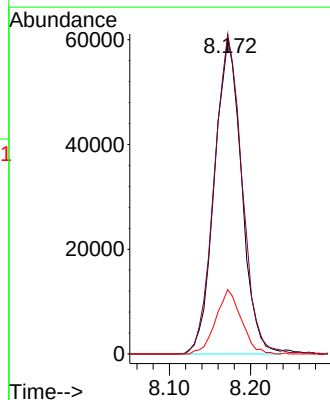
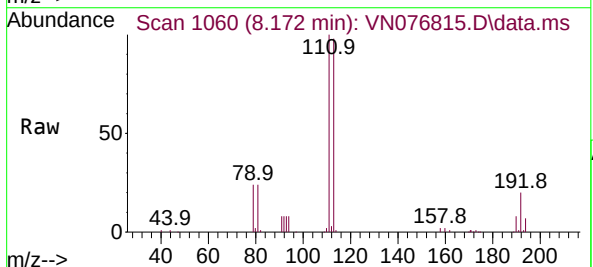
Tgt Ion:113 Resp: 139939

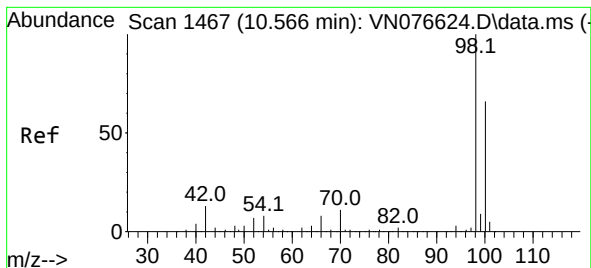
Ion Ratio Lower Upper

113 100

111 103.6 83.1 124.7

192 19.1 15.6 23.4





#50

Toluene-d8

Concen: 49.109 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076815.D

Acq: 27 Feb 2023 10:16

Instrument :

MSVOA_N

ClientSampleId :

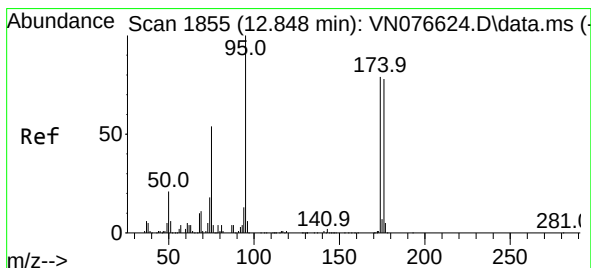
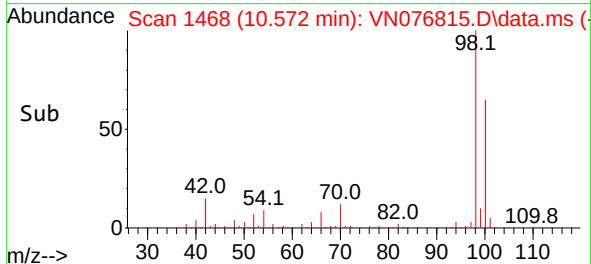
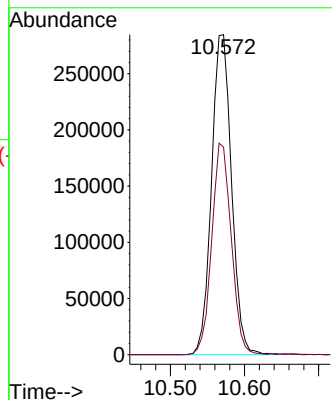
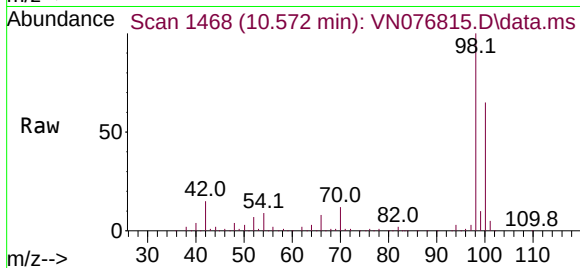
VN0227MBL01

Tgt Ion: 98 Resp: 533897

Ion Ratio Lower Upper

98 100

100 64.5 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 42.611 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN076815.D

Acq: 27 Feb 2023 10:16

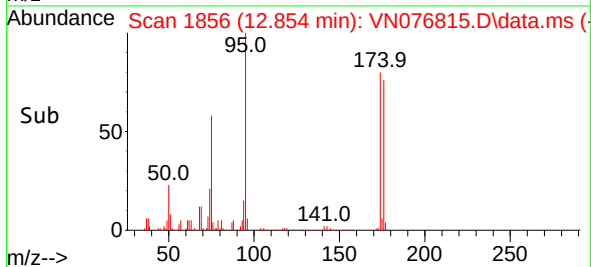
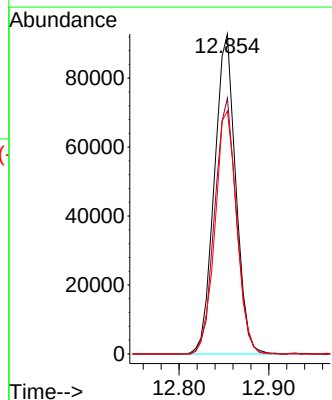
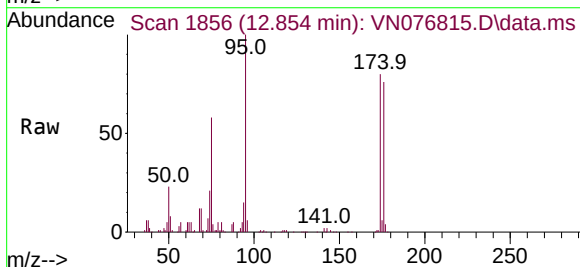
Tgt Ion: 95 Resp: 153431

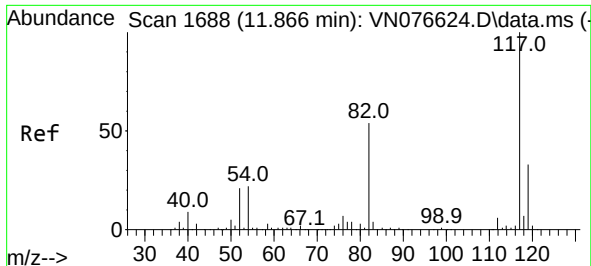
Ion Ratio Lower Upper

95 100

174 80.8 0.0 169.2

176 77.4 0.0 163.4

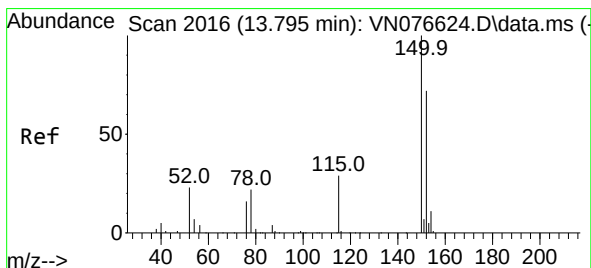
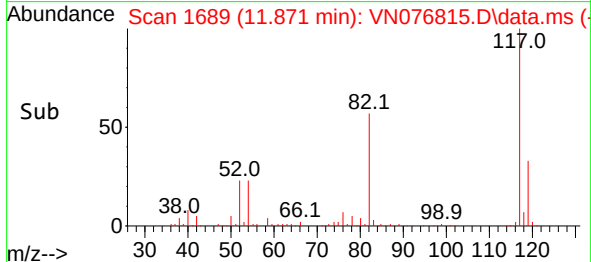
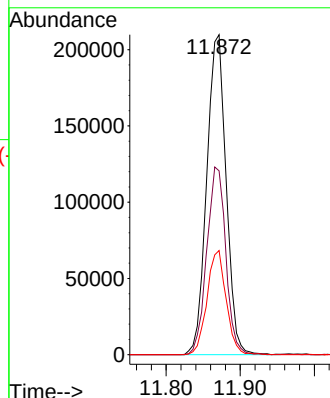
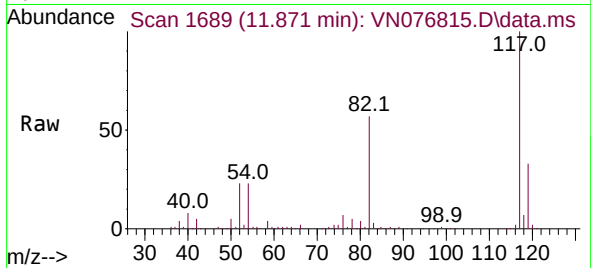




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN076815.D
Acq: 27 Feb 2023 10:16

Instrument :
MSVOA_N
ClientSampleId :
VN0227MBL01

Tgt Ion:117 Resp: 381626
Ion Ratio Lower Upper
117 100
82 57.4 43.4 65.2
119 32.5 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: VN076815.D
Acq: 27 Feb 2023 10:16

Tgt Ion:152 Resp: 147118
Ion Ratio Lower Upper
152 100
115 61.1 29.3 87.9
150 160.0 0.0 349.8

