

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
 Data File : VN077061.D
 Acq On : 20 Mar 2023 11:27
 Operator : JC\MD
 Sample : VN0320WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBL01

Quant Time: Mar 21 05:33:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	417638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	750571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	651321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	242966	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	308470	46.240	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.480%
35) Dibromofluoromethane	8.172	113	236674	45.026	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.060%
50) Toluene-d8	10.572	98	894081	47.617	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.240%
62) 4-Bromofluorobenzene	12.854	95	300230	45.250	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.500%

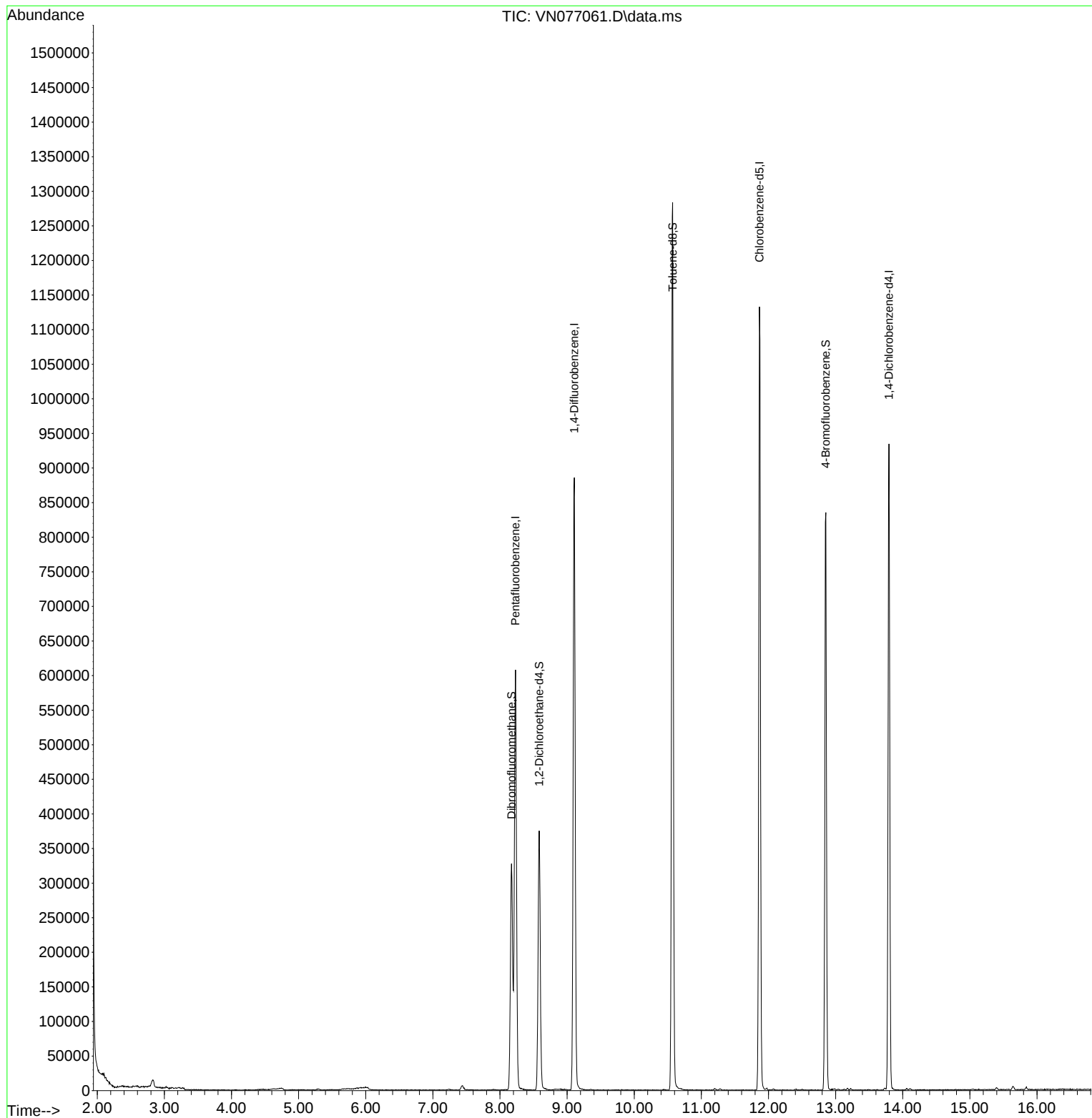
Target Compounds	Qvalue

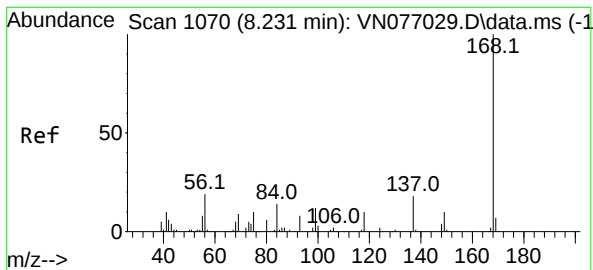
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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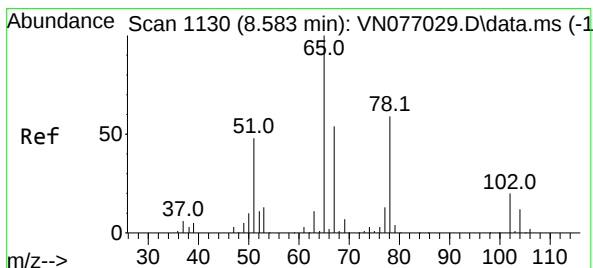
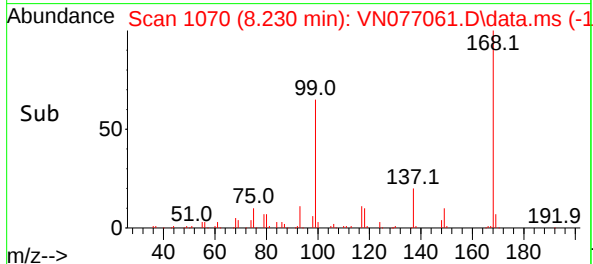
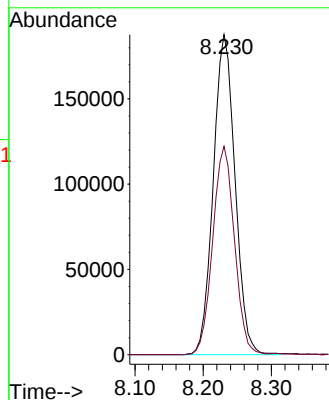
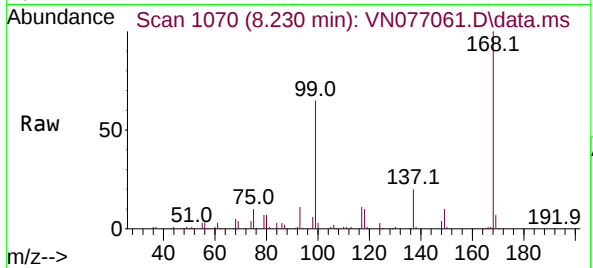




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077061.D
Acq: 20 Mar 2023 11:27

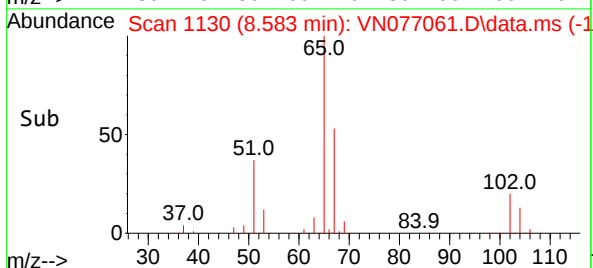
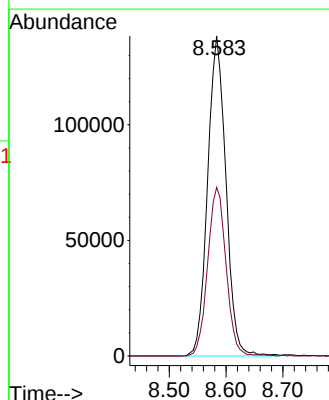
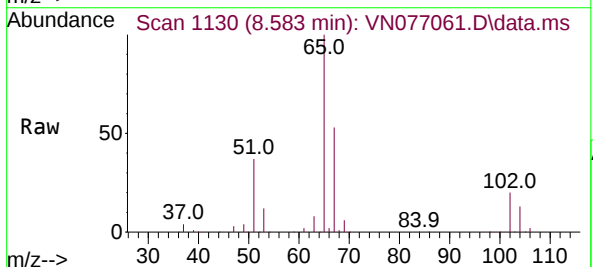
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBL01

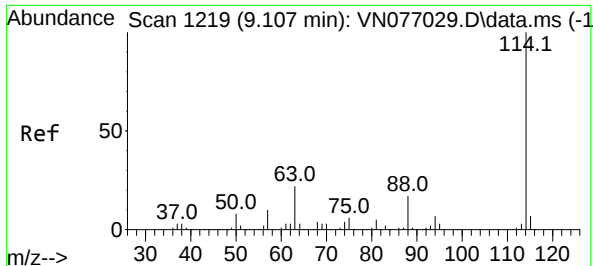
Tgt Ion:168 Resp: 417638
Ion Ratio Lower Upper
168 100
99 65.1 53.9 80.9



#33
1,2-Dichloroethane-d4
Concen: 46.240 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077061.D
Acq: 20 Mar 2023 11:27

Tgt Ion: 65 Resp: 308470
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077061.D

Acq: 20 Mar 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBL01

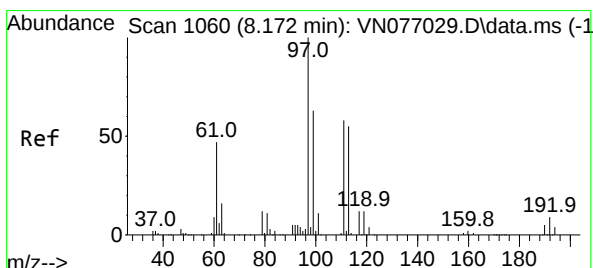
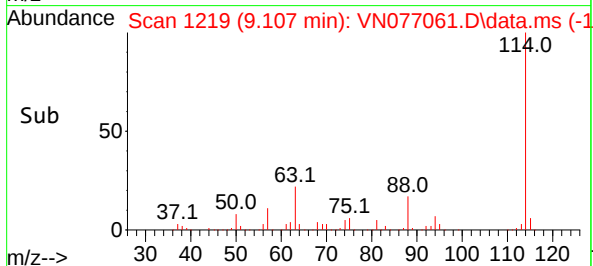
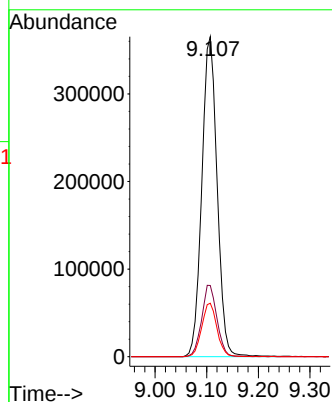
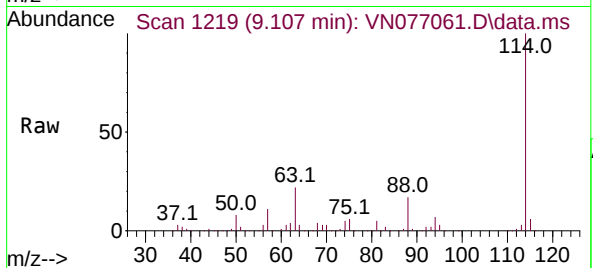
Tgt Ion:114 Resp: 750571

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

88 16.7 0.0 33.8



#35

Dibromofluoromethane

Concen: 45.026 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077061.D

Acq: 20 Mar 2023 11:27

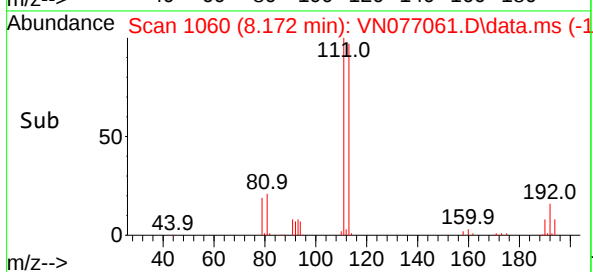
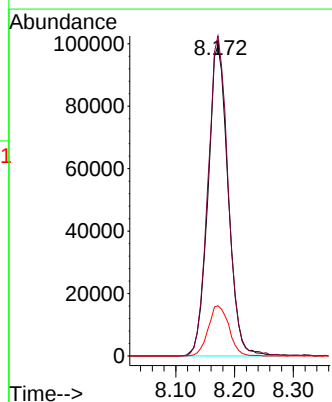
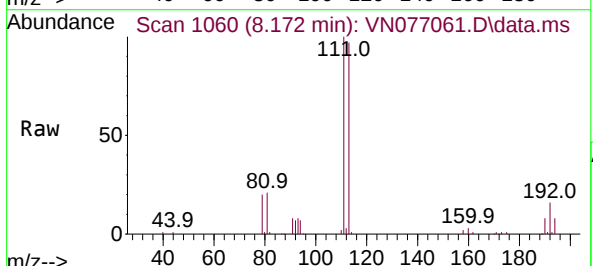
Tgt Ion:113 Resp: 236674

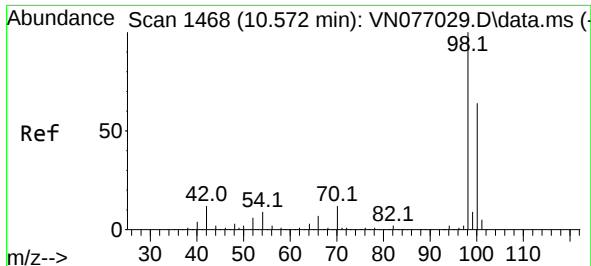
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

192 16.7 13.0 19.6

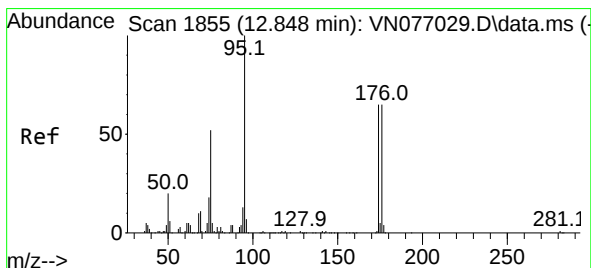
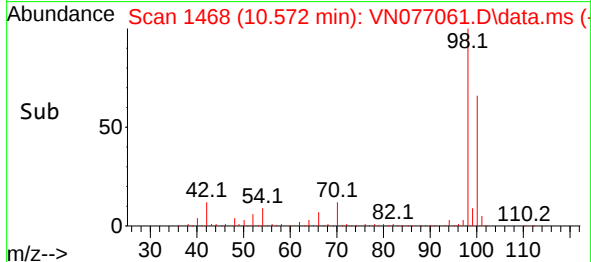
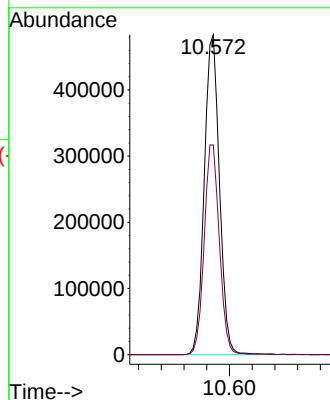
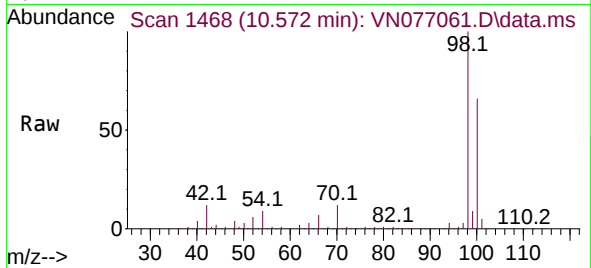




#50
Toluene-d8
Concen: 47.617 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077061.D
Acq: 20 Mar 2023 11:27

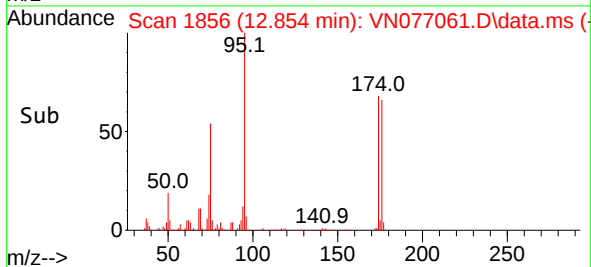
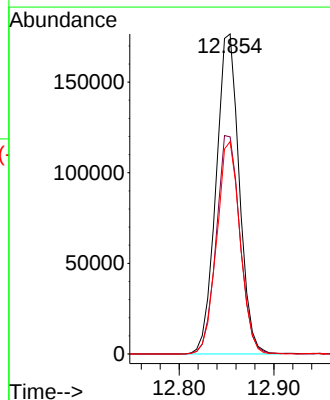
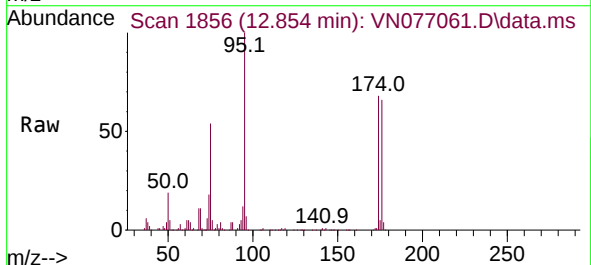
Instrument :
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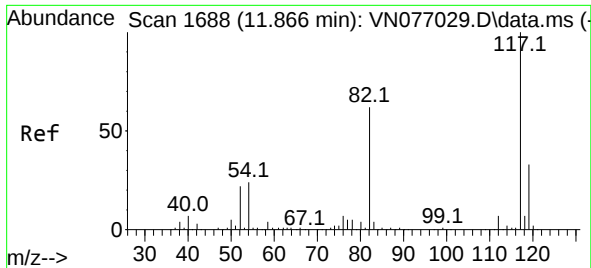
Tgt Ion: 98 Resp: 894081
Ion Ratio Lower Upper
98 100
100 65.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 45.250 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077061.D
Acq: 20 Mar 2023 11:27

Tgt Ion: 95 Resp: 300230
Ion Ratio Lower Upper
95 100
174 69.7 0.0 136.6
176 66.9 0.0 130.0

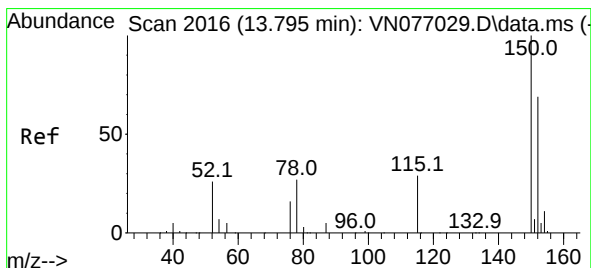
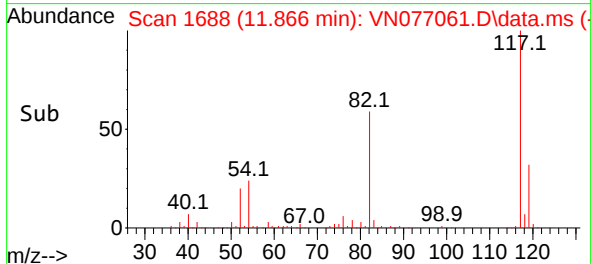
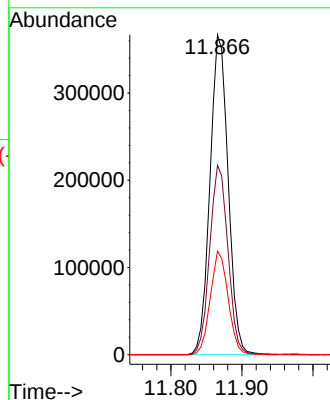
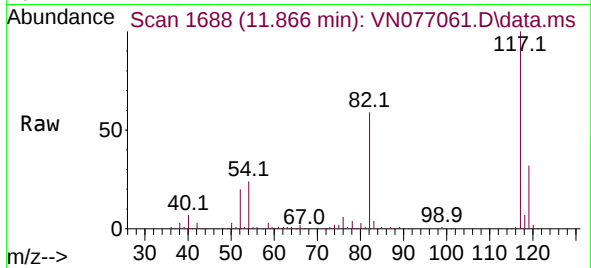




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077061.D
Acq: 20 Mar 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBL01

Tgt Ion:117 Resp: 651321
Ion Ratio Lower Upper
117 100
82 59.2 49.4 74.0
119 32.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077061.D
Acq: 20 Mar 2023 11:27

Tgt Ion:152 Resp: 242966
Ion Ratio Lower Upper
152 100
115 64.5 31.9 95.7
150 160.2 0.0 348.0

