

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077036.D
 Acq On : 17 Mar 2023 16:09
 Operator : JC\MD
 Sample : VN0317WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBL01

Quant Time: Mar 18 02:30:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 02:17:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	378095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	679396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	603785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	229088	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	294147	48.705	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.400%
35) Dibromofluoromethane	8.172	113	216807	45.568	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.140%
50) Toluene-d8	10.572	98	838814	49.354	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.700%
62) 4-Bromofluorobenzene	12.854	95	292270	48.665	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.340%

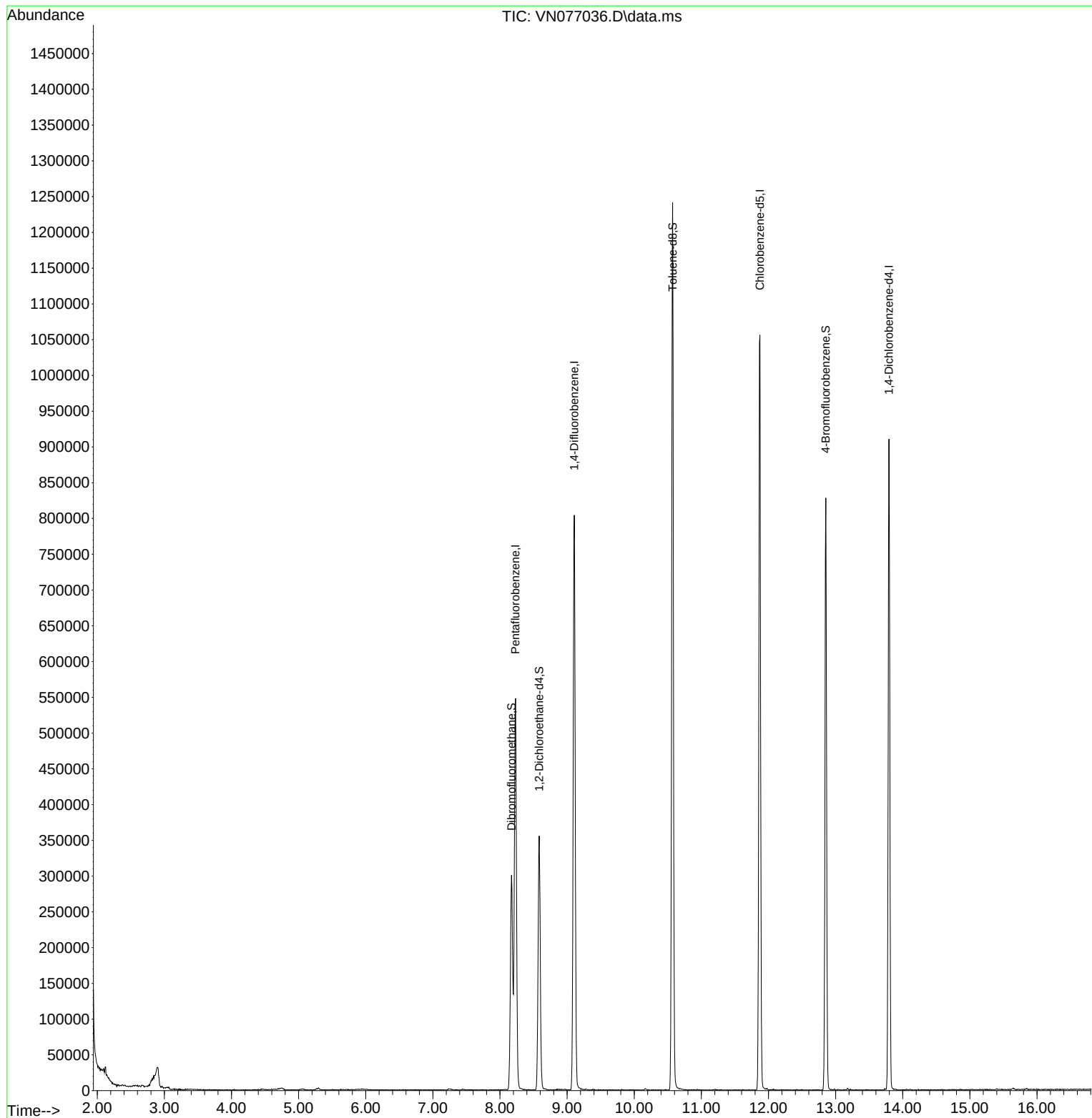
Target Compounds	Qvalue

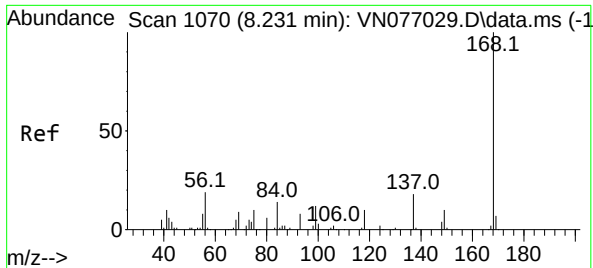
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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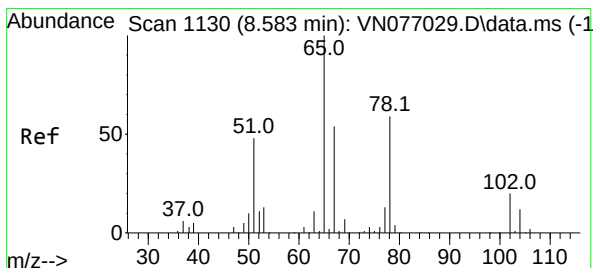
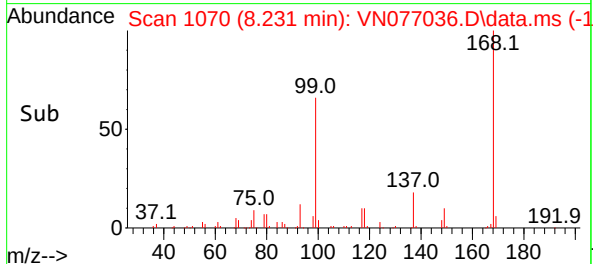
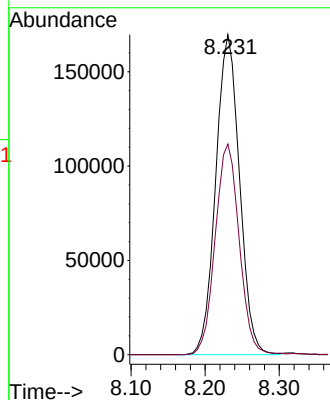
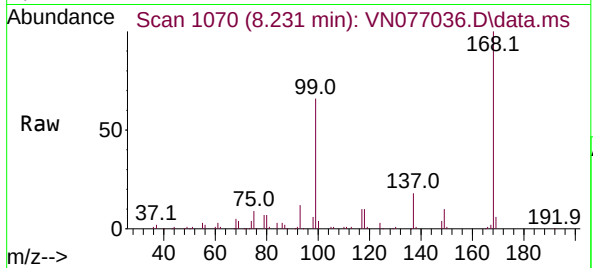




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077036.D
Acq: 17 Mar 2023 16:09

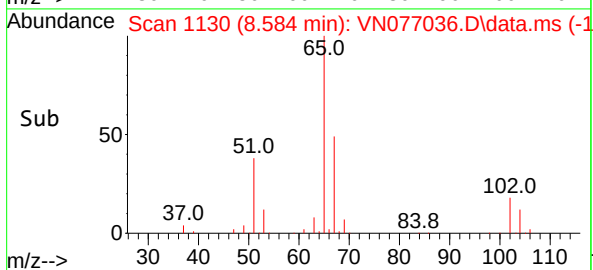
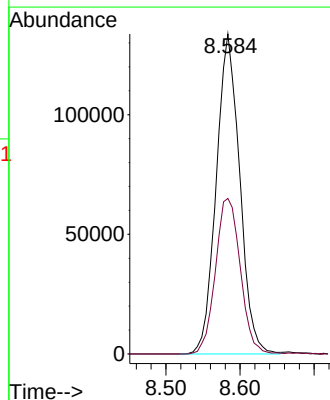
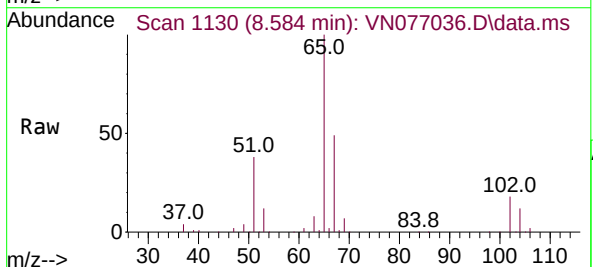
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBL01

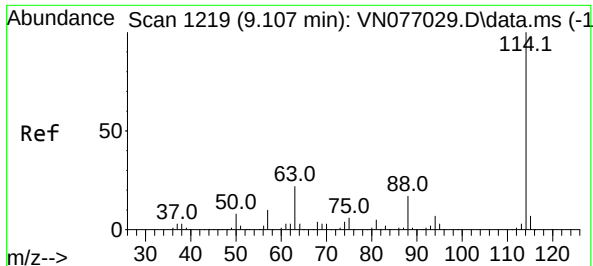
Tgt Ion:168 Resp: 378095
Ion Ratio Lower Upper
168 100
99 65.8 53.9 80.9



#33
1,2-Dichloroethane-d4
Concen: 48.705 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077036.D
Acq: 17 Mar 2023 16:09

Tgt Ion: 65 Resp: 294147
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077036.D

Acq: 17 Mar 2023 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBL01

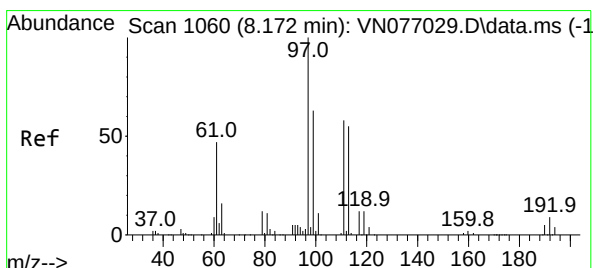
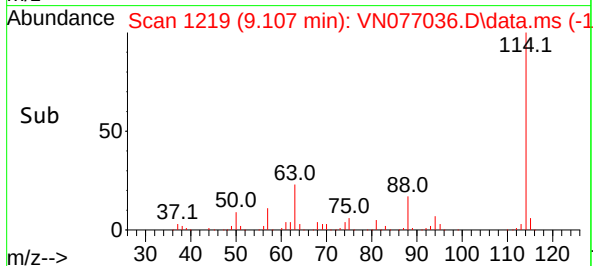
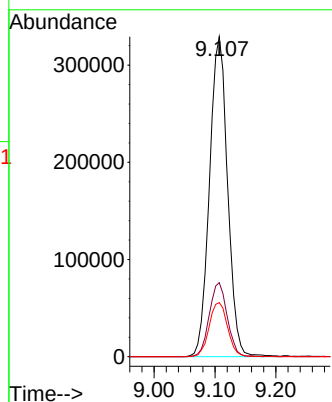
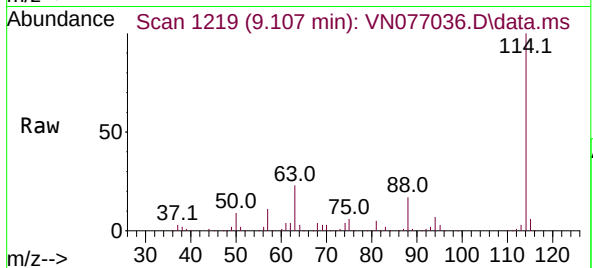
Tgt Ion:114 Resp: 679396

Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.6

88 16.9 0.0 33.8



#35

Dibromofluoromethane

Concen: 45.568 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077036.D

Acq: 17 Mar 2023 16:09

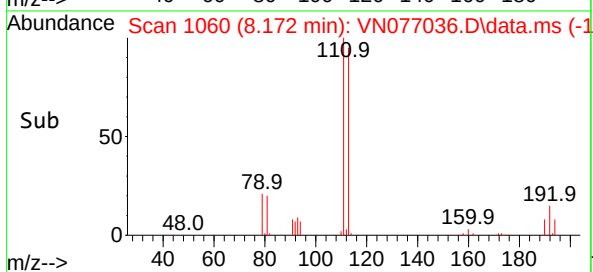
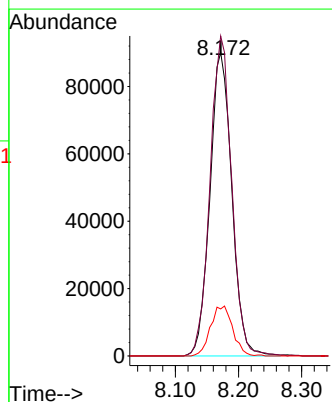
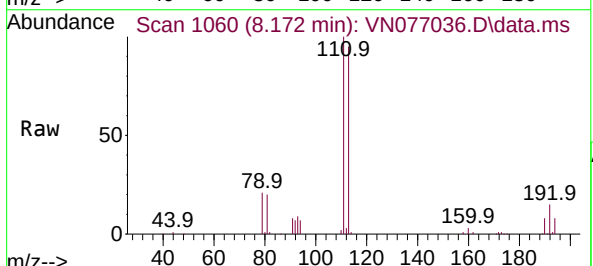
Tgt Ion:113 Resp: 216807

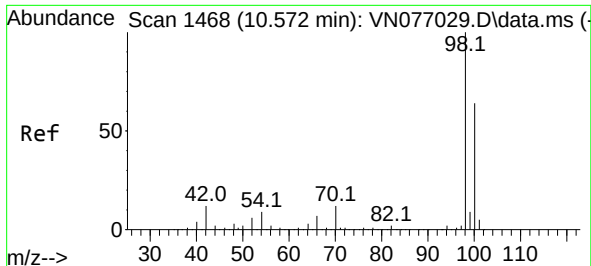
Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.2

192 16.7 13.0 19.6

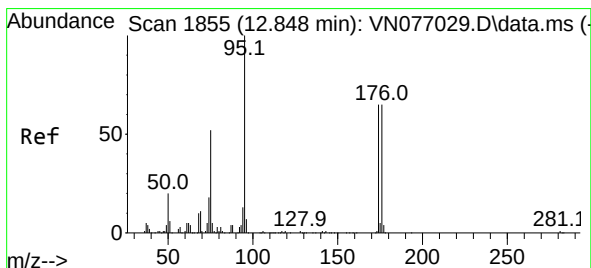
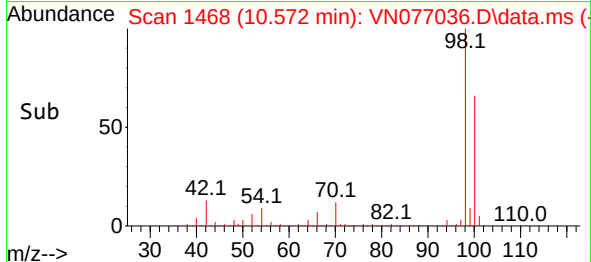
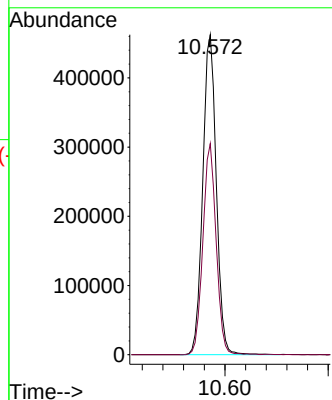
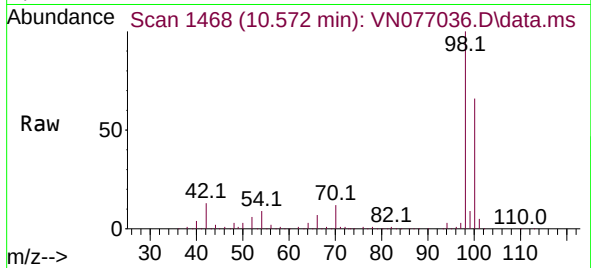




#50
Toluene-d8
Concen: 49.354 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077036.D
Acq: 17 Mar 2023 16:09

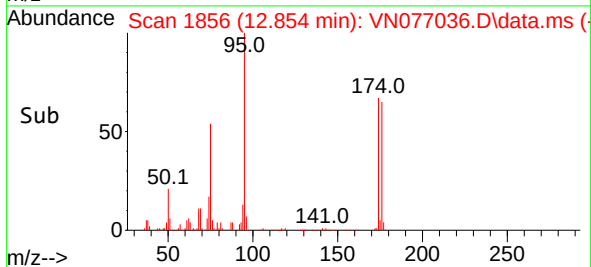
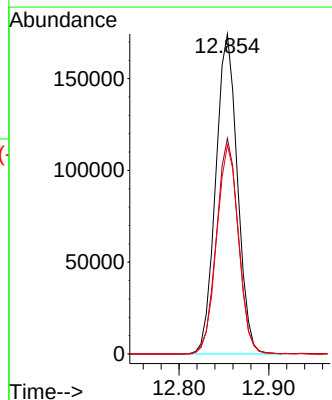
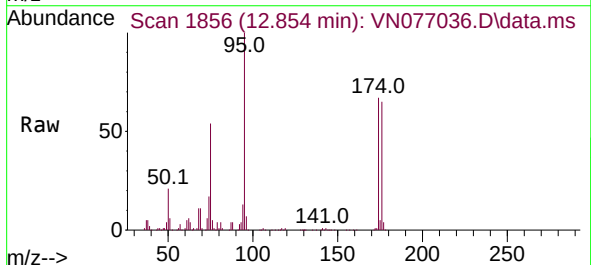
Instrument :
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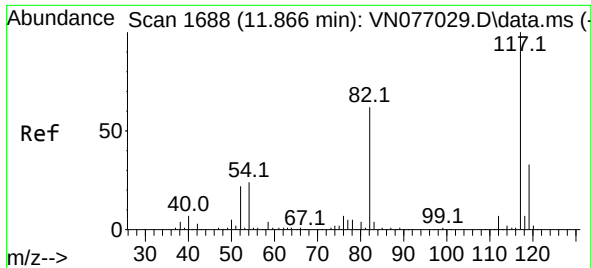
Tgt Ion: 98 Resp: 838814
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 48.665 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077036.D
Acq: 17 Mar 2023 16:09

Tgt Ion: 95 Resp: 292270
Ion Ratio Lower Upper
95 100
174 67.8 0.0 136.6
176 66.4 0.0 130.0

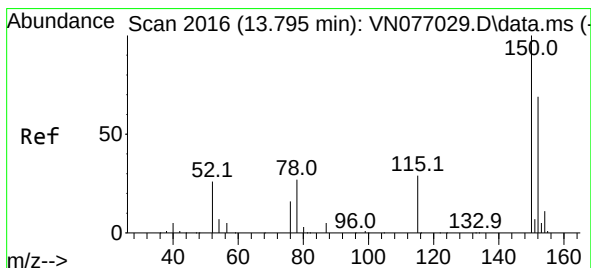
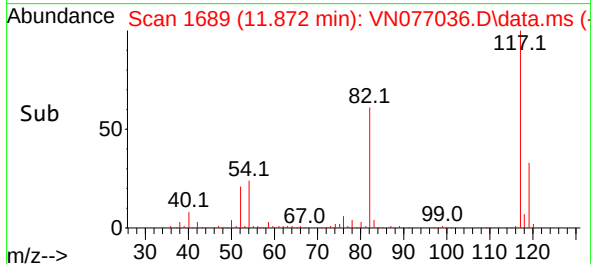
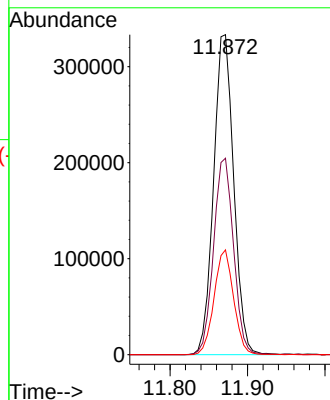
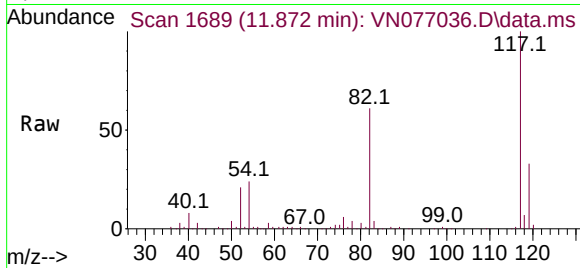




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077036.D
Acq: 17 Mar 2023 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBL01

Tgt Ion:117 Resp: 603785
Ion Ratio Lower Upper
117 100
82 61.4 49.4 74.0
119 32.7 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: VN077036.D
Acq: 17 Mar 2023 16:09

Tgt Ion:152 Resp: 229088
Ion Ratio Lower Upper
152 100
115 64.5 31.9 95.7
150 158.7 0.0 348.0

