

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050123\
 Data File : VN077539.D
 Acq On : 01 May 2023 11:53
 Operator : JC\MD
 Sample : VN0501MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501MBL01

Quant Time: May 01 21:59:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	597777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1085609	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	964905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	315946	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	389427	49.925	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.840%
35) Dibromofluoromethane	8.172	113	345247	52.912	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.820%
50) Toluene-d8	10.572	98	1329448	53.162	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.320%
62) 4-Bromofluorobenzene	12.854	95	398530	48.709	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.420%

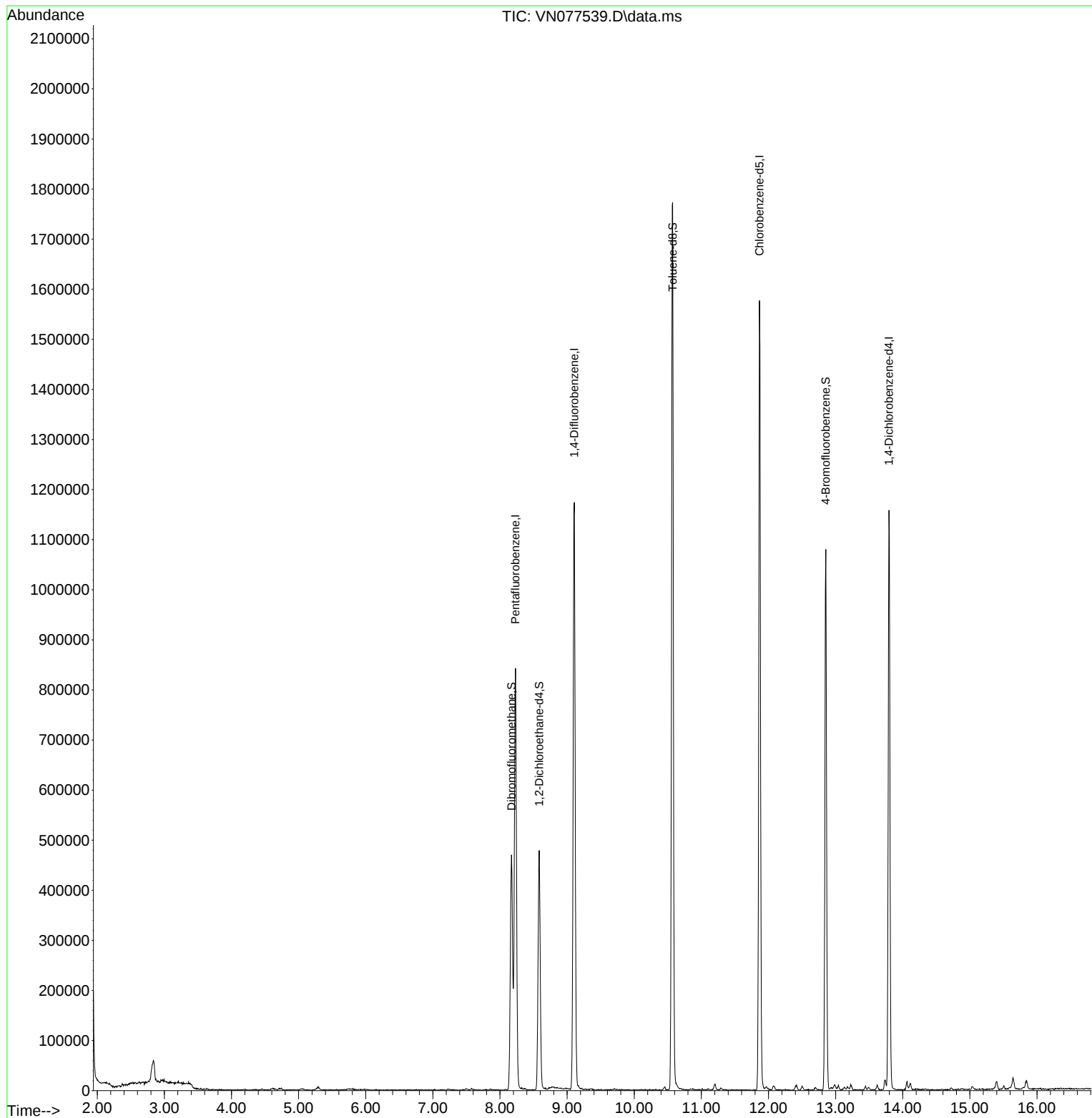
Target Compounds	Qvalue

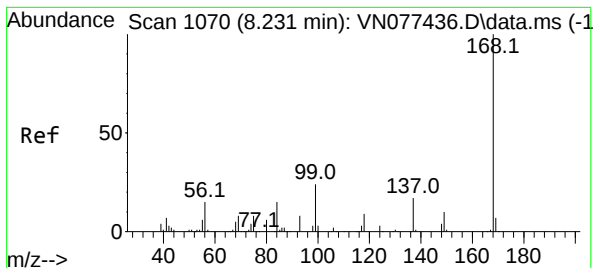
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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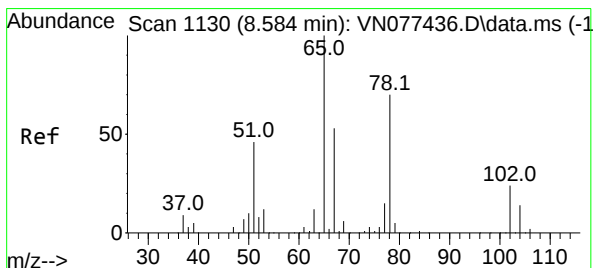
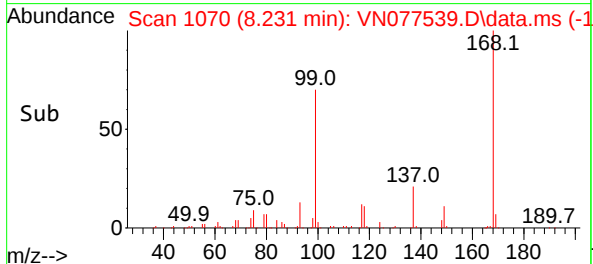
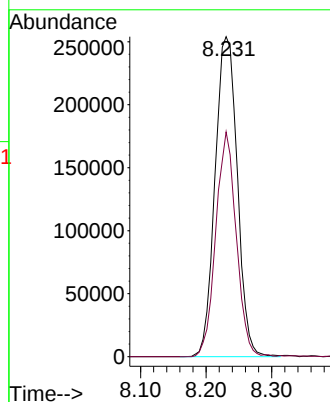
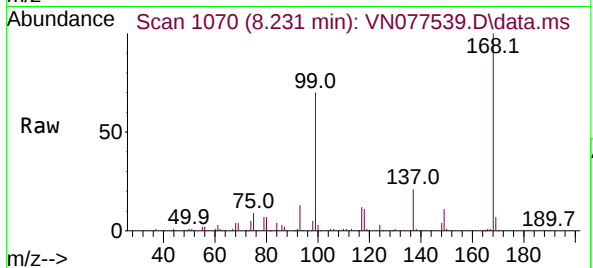




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077539.D
Acq: 01 May 2023 11:53

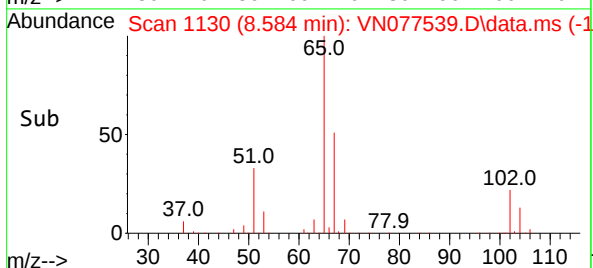
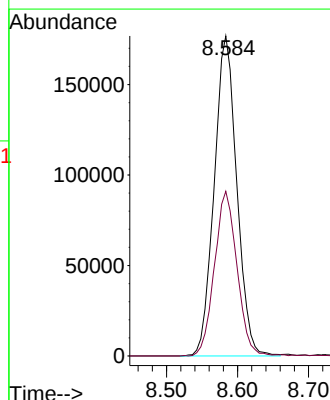
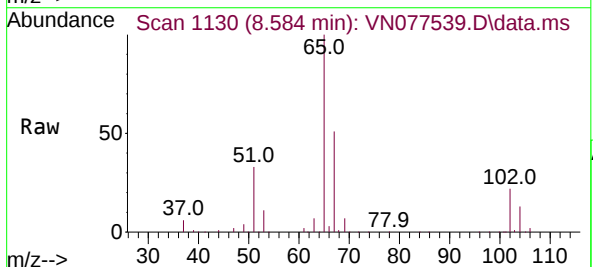
Instrument :
MSVOA_N
ClientSampleId :
VN0501MBL01

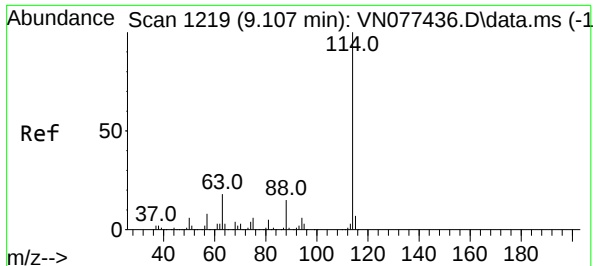
Tgt Ion:168 Resp: 597777
Ion Ratio Lower Upper
168 100
99 70.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.925 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077539.D
Acq: 01 May 2023 11:53

Tgt Ion: 65 Resp: 389427
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077539.D

Acq: 01 May 2023 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0501MBL01

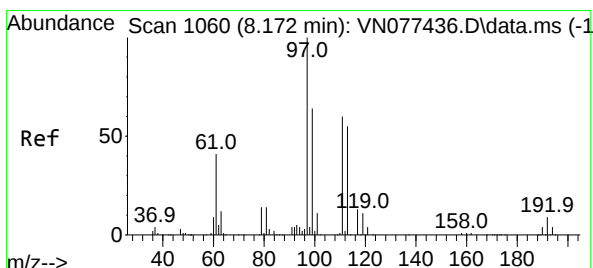
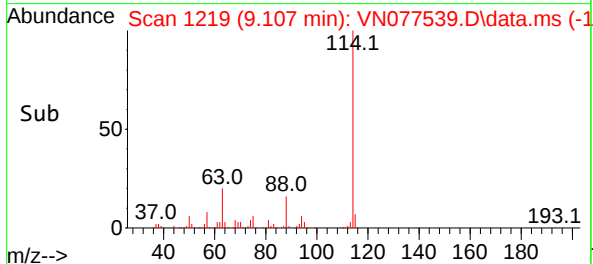
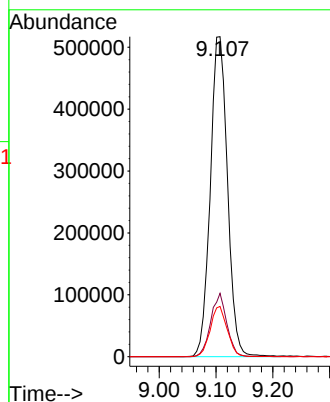
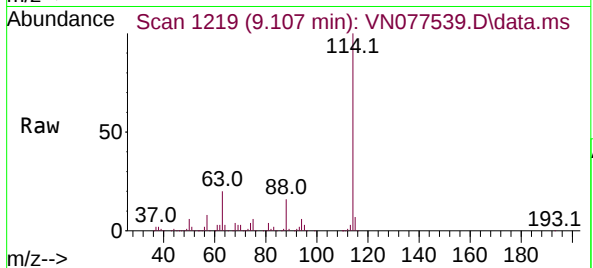
Tgt Ion:114 Resp: 1085609

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.912 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077539.D

Acq: 01 May 2023 11:53

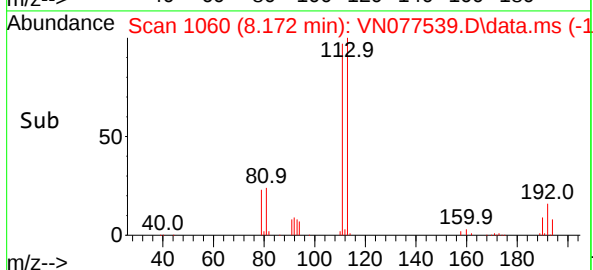
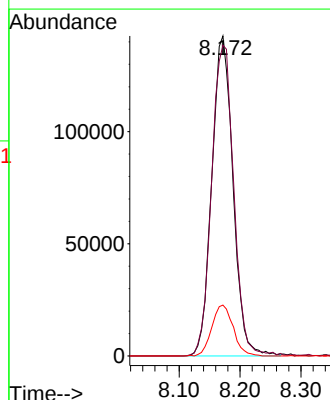
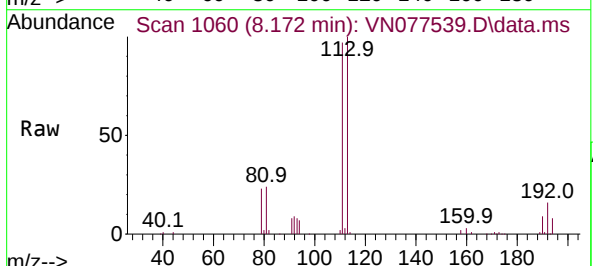
Tgt Ion:113 Resp: 345247

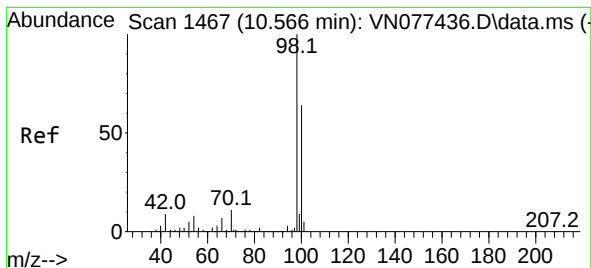
Ion Ratio Lower Upper

113 100

111 101.5 82.6 123.8

192 16.1 12.7 19.1

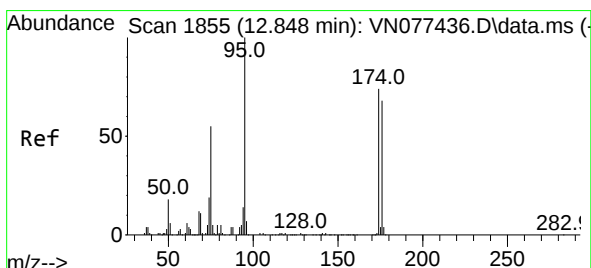
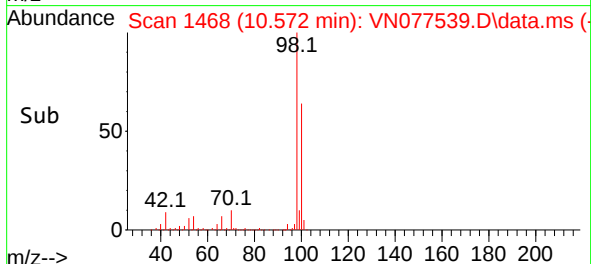
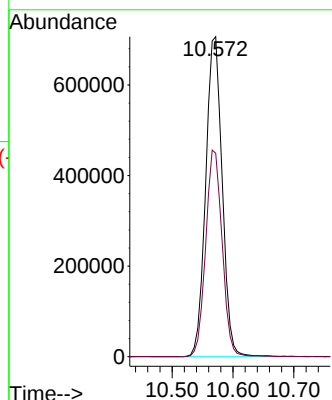
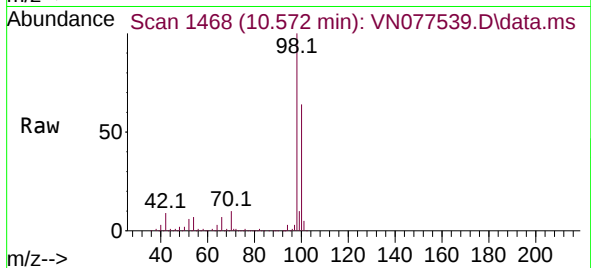




#50
Toluene-d8
Concen: 53.162 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077539.D
Acq: 01 May 2023 11:53

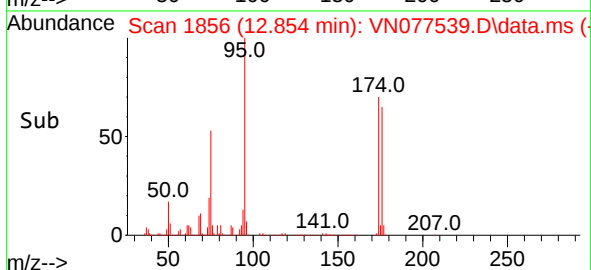
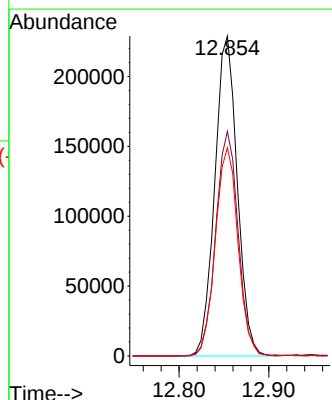
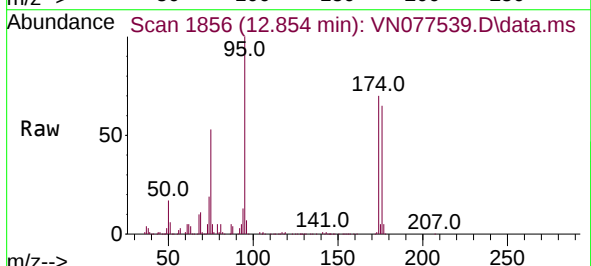
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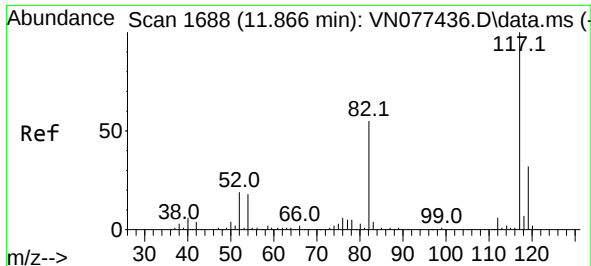
Tgt Ion: 98 Resp: 1329448
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.709 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077539.D
Acq: 01 May 2023 11:53

Tgt Ion: 95 Resp: 398530
Ion Ratio Lower Upper
95 100
174 69.8 0.0 143.8
176 65.6 0.0 135.8

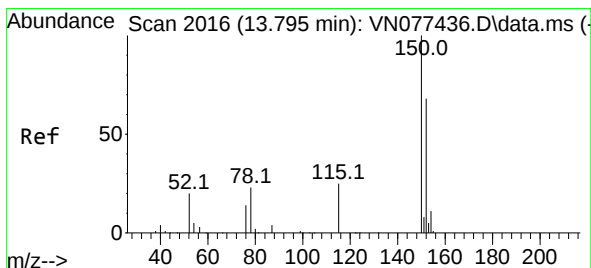
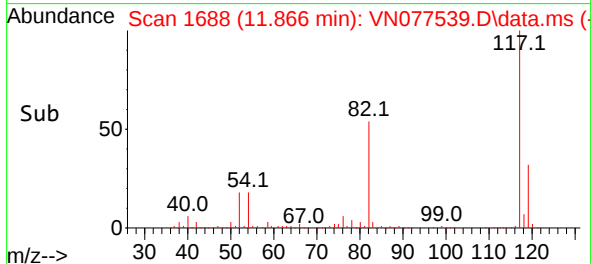
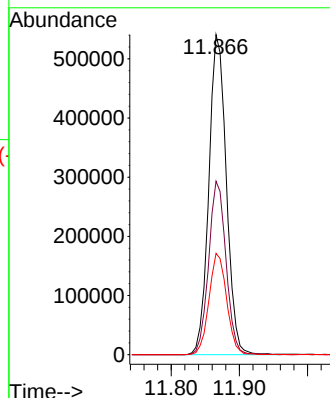
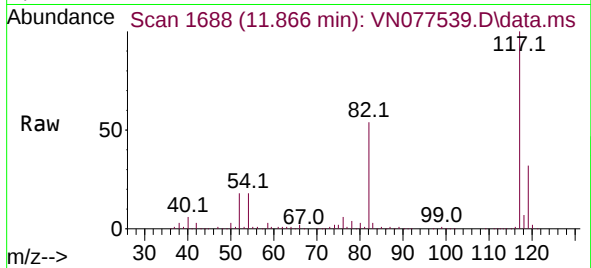




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077539.D
Acq: 01 May 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0501MBL01

Tgt Ion:117 Resp: 964905
Ion Ratio Lower Upper
117 100
82 54.2 44.0 66.0
119 31.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077539.D
Acq: 01 May 2023 11:53

Tgt Ion:152 Resp: 315946
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 157.1 0.0 355.8

