

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041923\
 Data File : VN077368.D
 Acq On : 19 Apr 2023 11:54
 Operator : JC\MD
 Sample : VN0419WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBL01

Quant Time: Apr 20 04:24:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	547277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1026341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	896163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	318530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	338490	45.254	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.500%
35) Dibromofluoromethane	8.172	113	307261	46.765	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.520%
50) Toluene-d8	10.572	98	1228693	46.454	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.900%
62) 4-Bromofluorobenzene	12.854	95	402025	45.701	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.400%

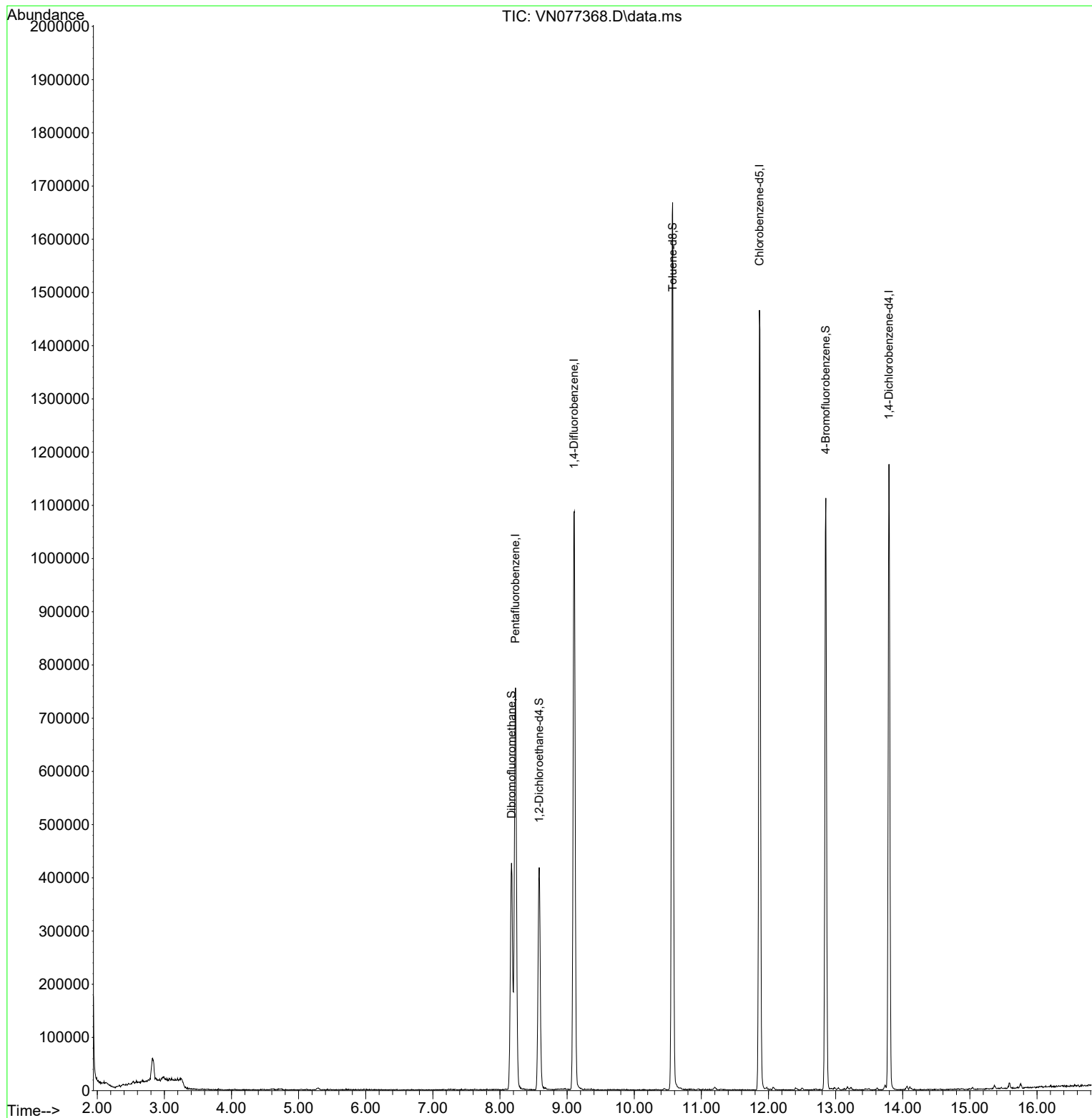
Target Compounds	Qvalue

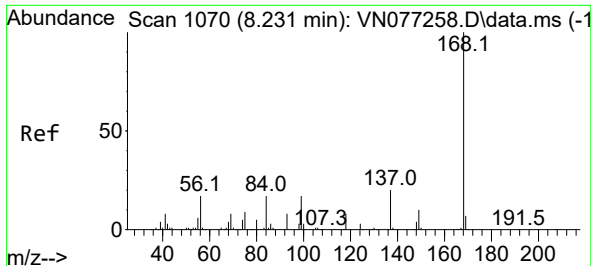
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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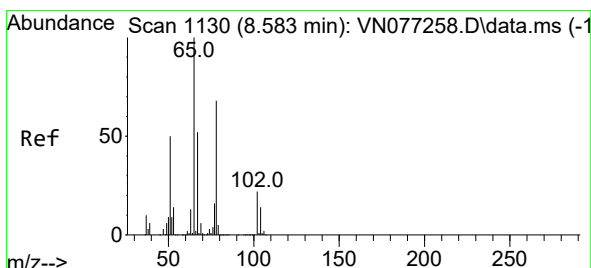
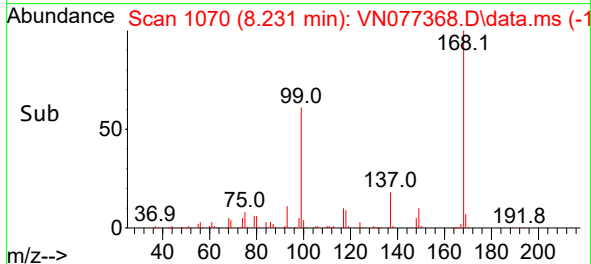
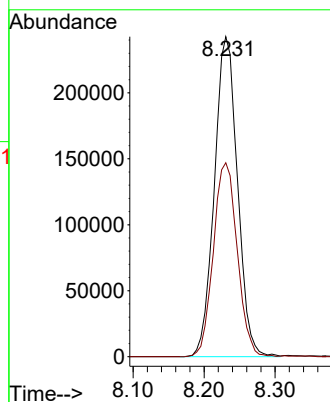
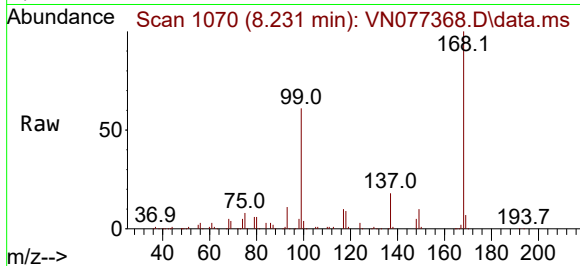




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077368.D
Acq: 19 Apr 2023 11:54

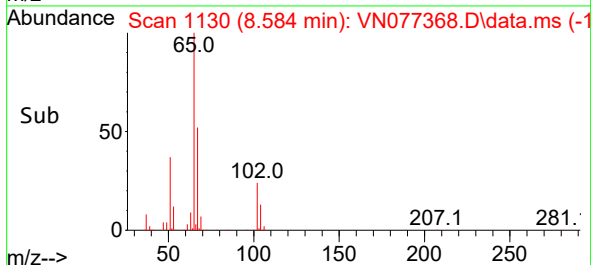
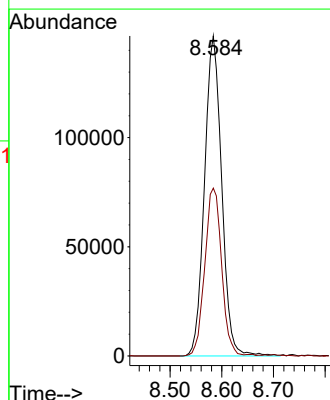
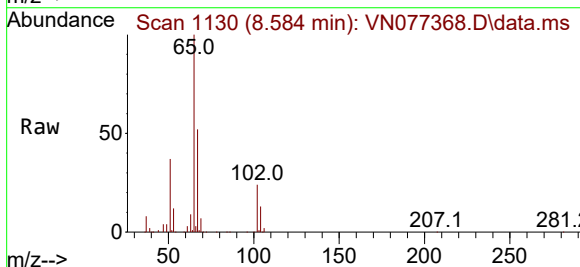
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBL01

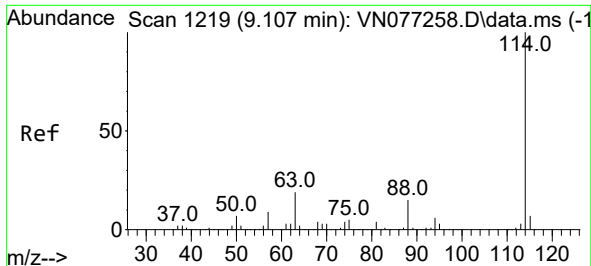
Tgt Ion:168 Resp: 547277
Ion Ratio Lower Upper
168 100
99 60.6 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 45.254 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077368.D
Acq: 19 Apr 2023 11:54

Tgt Ion: 65 Resp: 338490
Ion Ratio Lower Upper
65 100
67 51.3 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN077368.D

Acq: 19 Apr 2023 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBL01

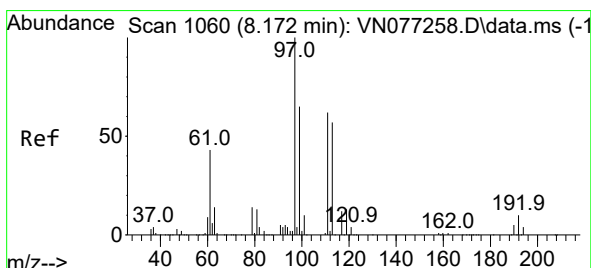
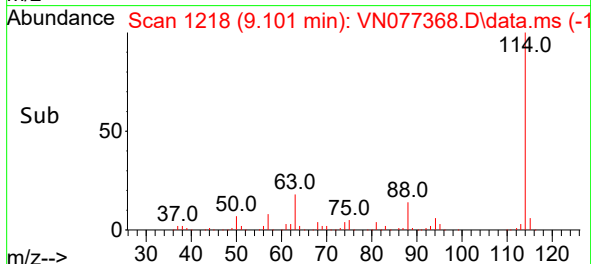
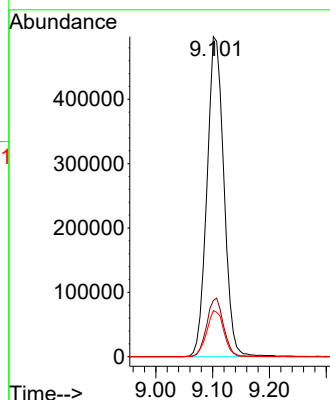
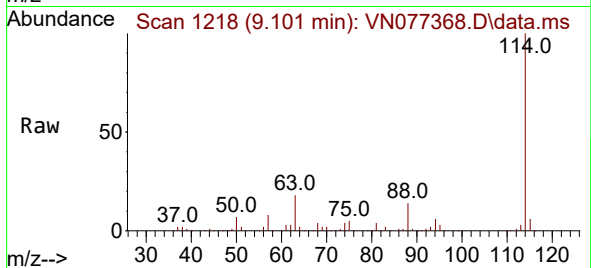
Tgt Ion:114 Resp: 1026341

Ion Ratio Lower Upper

114 100

63 17.5 0.0 37.8

88 14.4 0.0 29.4



#35

Dibromofluoromethane

Concen: 46.765 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077368.D

Acq: 19 Apr 2023 11:54

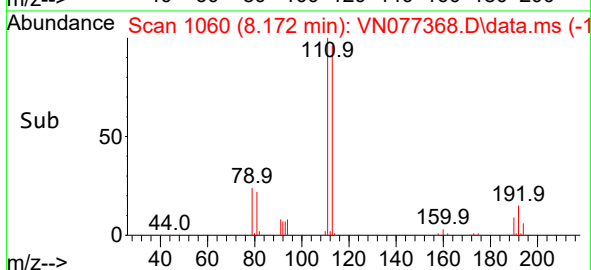
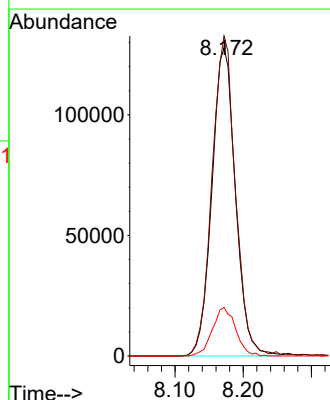
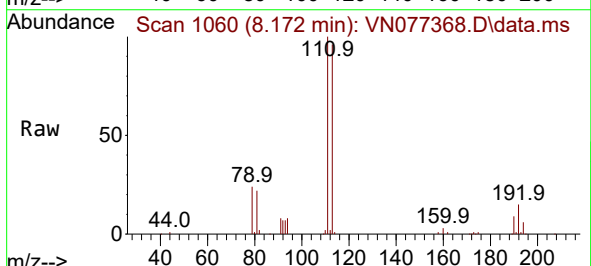
Tgt Ion:113 Resp: 307261

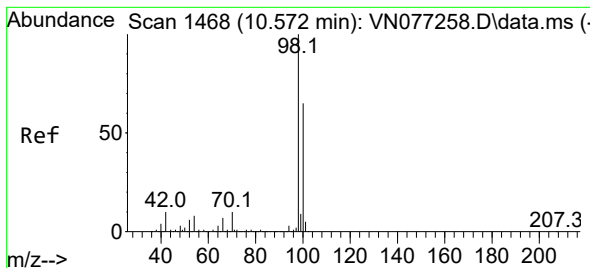
Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.0

192 15.5 13.5 20.3

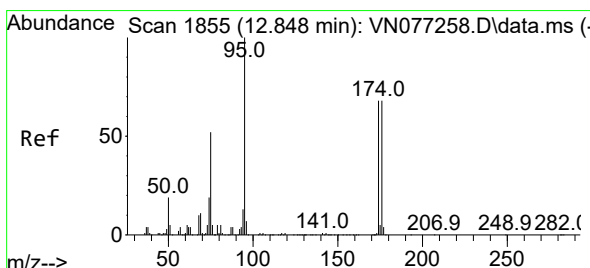
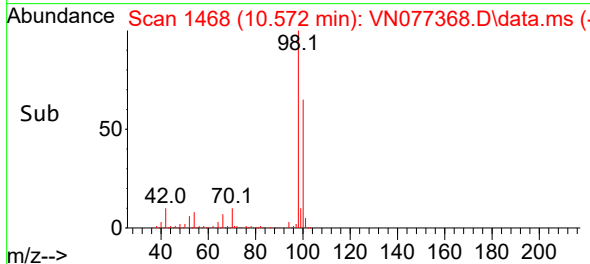
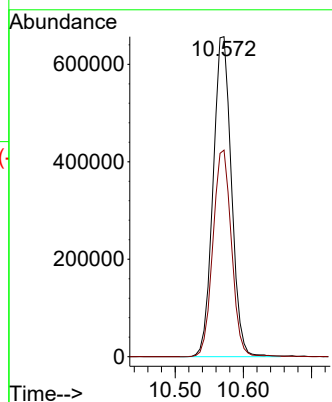
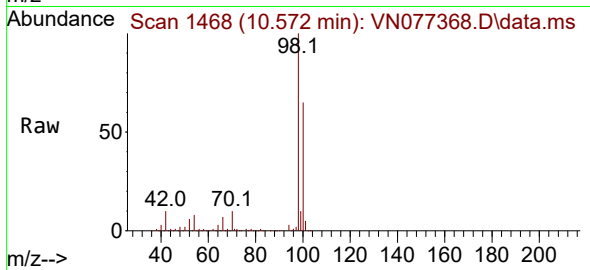




#50
Toluene-d8
Concen: 46.454 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077368.D
Acq: 19 Apr 2023 11:54

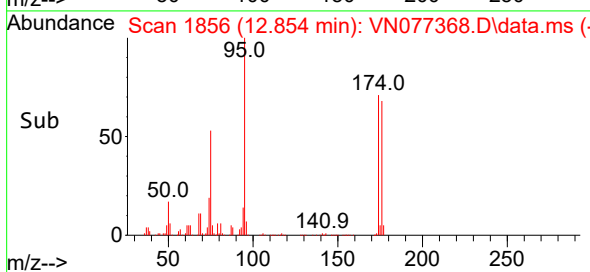
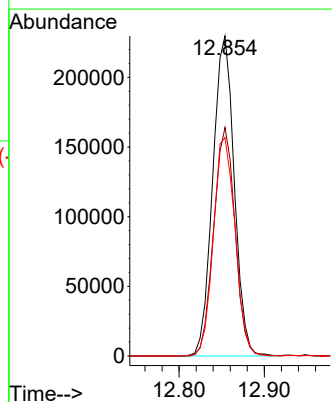
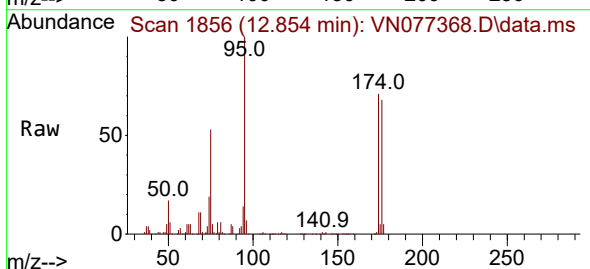
Instrument :
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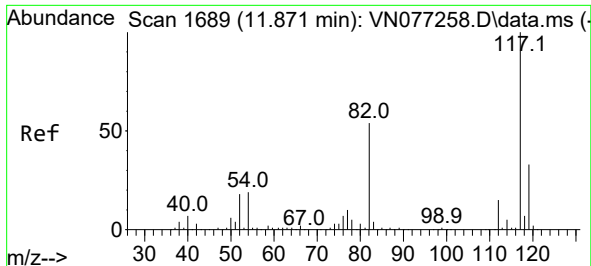
Tgt Ion: 98 Resp: 1228693
Ion Ratio Lower Upper
98 100
100 65.2 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 45.701 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077368.D
Acq: 19 Apr 2023 11:54

Tgt Ion: 95 Resp: 402025
Ion Ratio Lower Upper
95 100
174 70.9 0.0 146.8
176 69.3 0.0 139.6

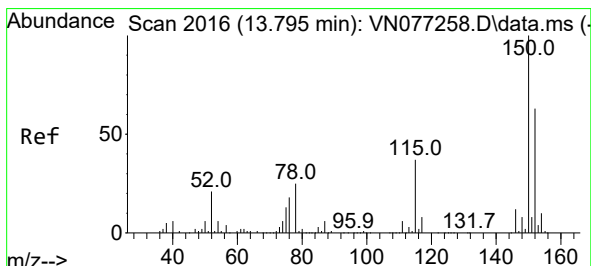
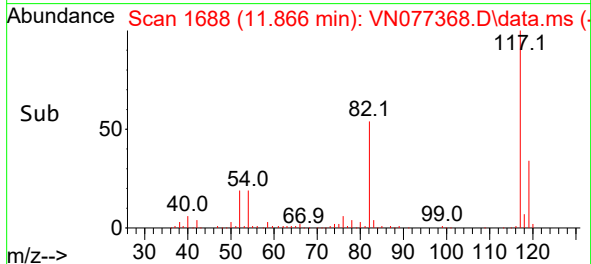
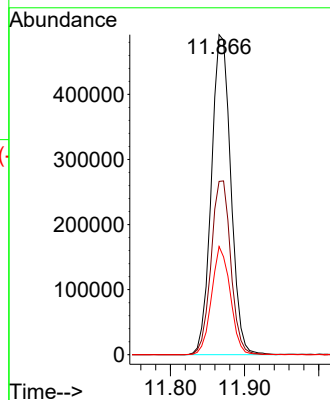
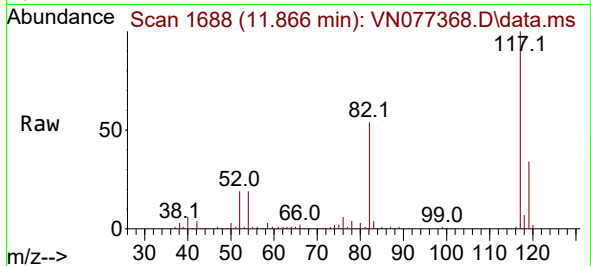




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN077368.D
Acq: 19 Apr 2023 11:54

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBL01

Tgt Ion:117 Resp: 896163
Ion Ratio Lower Upper
117 100
82 54.1 42.9 64.3
119 33.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077368.D
Acq: 19 Apr 2023 11:54

Tgt Ion:152 Resp: 318530
Ion Ratio Lower Upper
152 100
115 63.4 32.1 96.3
150 159.8 0.0 354.8

