

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041923\
 Data File : VN077367.D
 Acq On : 19 Apr 2023 11:30
 Operator : JC\MD
 Sample : VN0419MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419MBL01

Quant Time: Apr 20 04:24:17 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	521876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	983284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	878288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	312964	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	330804	46.379	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.760%
35) Dibromofluoromethane	8.172	113	305659	48.558	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.120%
50) Toluene-d8	10.566	98	1198785	47.307	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.620%
62) 4-Bromofluorobenzene	12.854	95	364366	43.234	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.460%

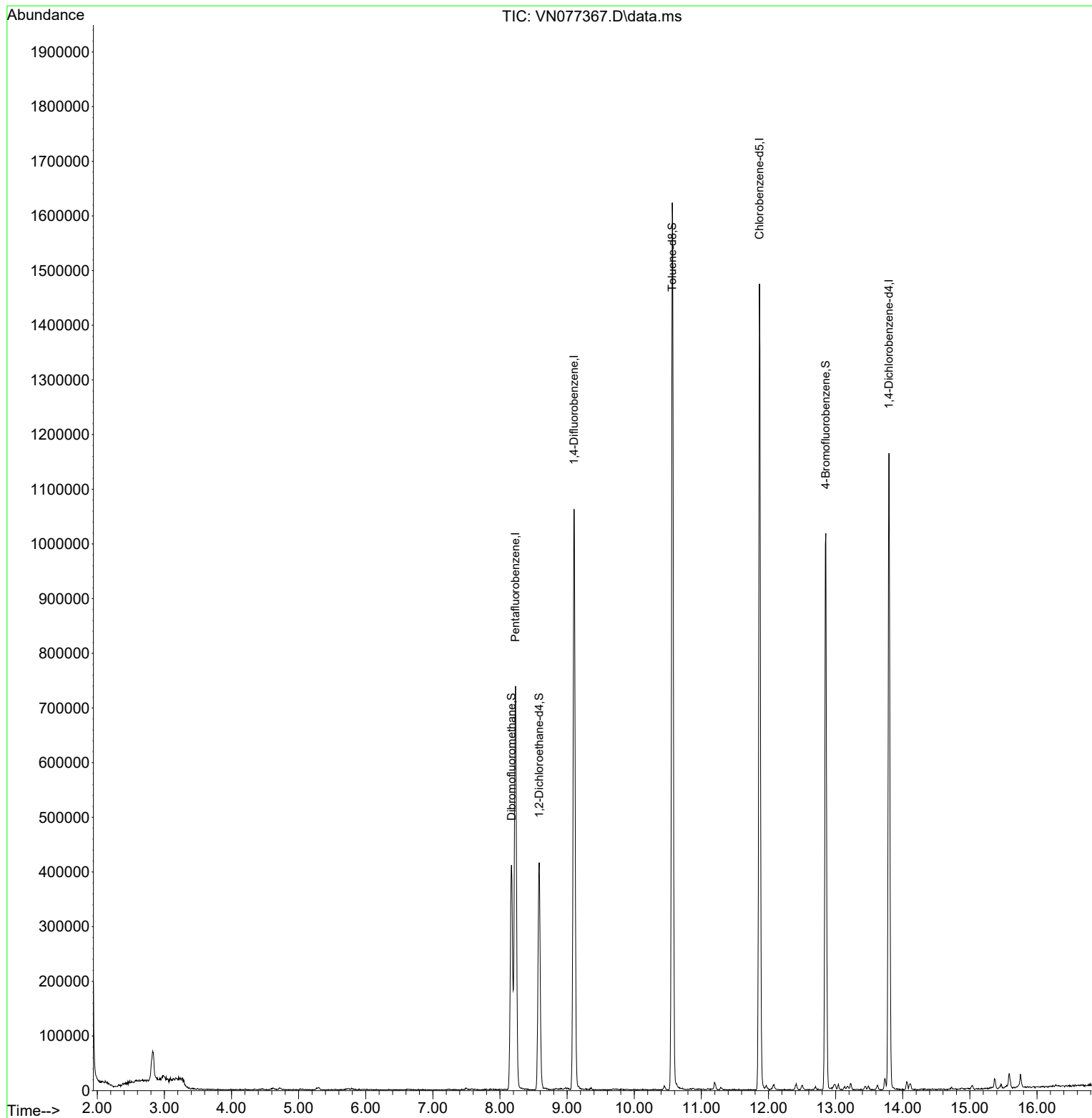
Target Compounds	Qvalue

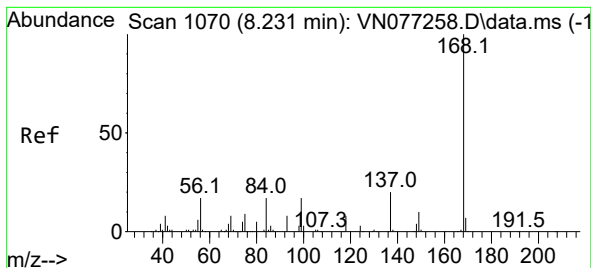
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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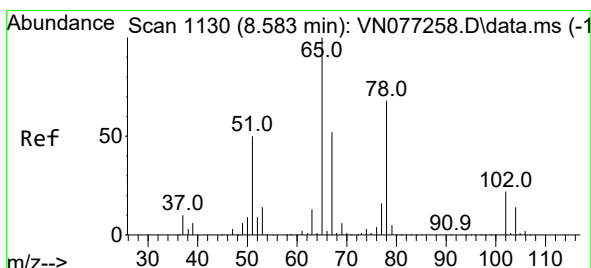
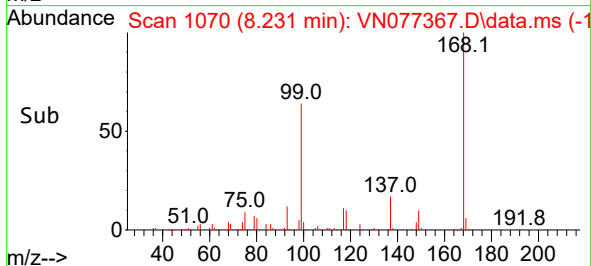
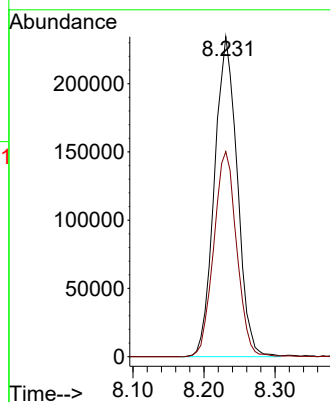
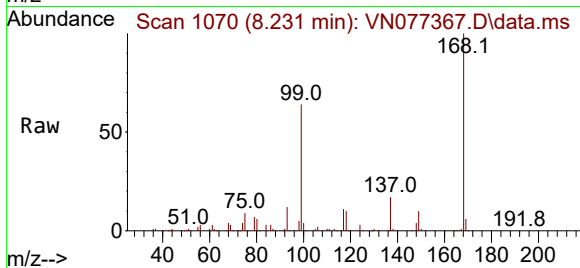




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN077367.D
Acq: 19 Apr 2023 11:30

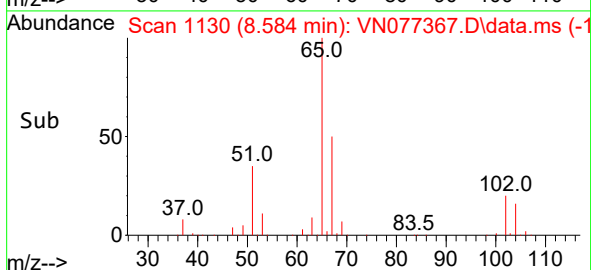
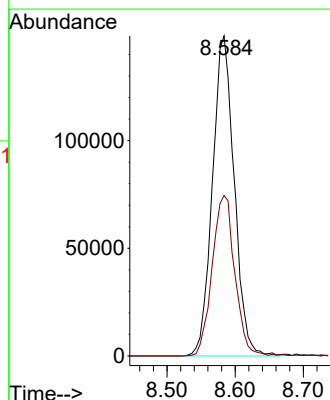
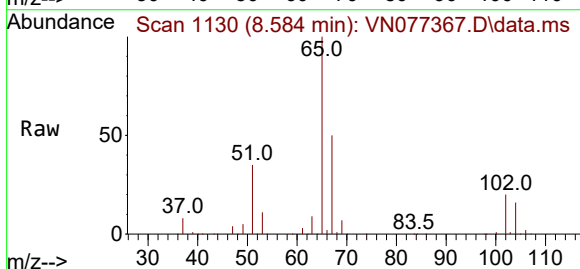
Instrument :
MSVOA_N
ClientSampleId :
VN0419MBL01

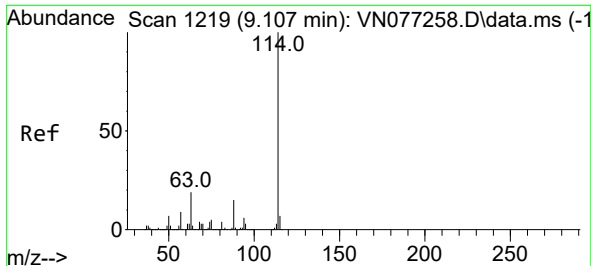
Tgt Ion:168 Resp: 521876
Ion Ratio Lower Upper
168 100
99 64.1 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 46.379 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077367.D
Acq: 19 Apr 2023 11:30

Tgt Ion: 65 Resp: 330804
Ion Ratio Lower Upper
65 100
67 52.1 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: VN077367.D

Acq: 19 Apr 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0419MBL01

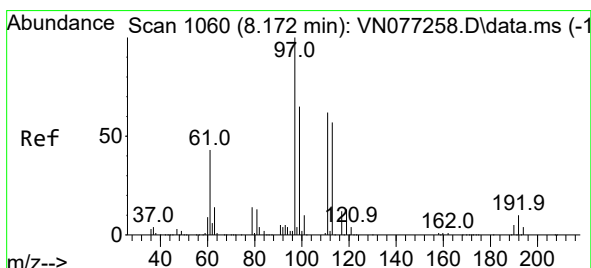
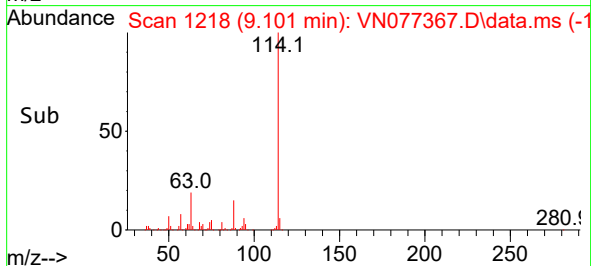
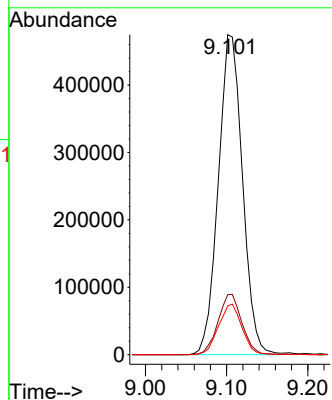
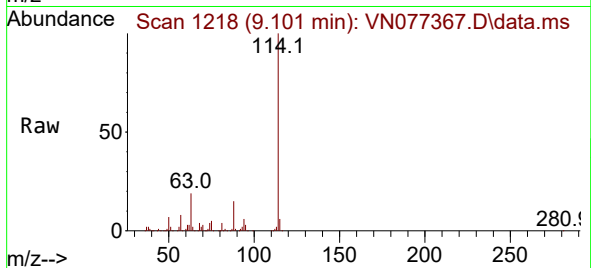
Tgt Ion:114 Resp: 983284

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.8

88 15.3 0.0 29.4



#35

Dibromofluoromethane

Concen: 48.558 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077367.D

Acq: 19 Apr 2023 11:30

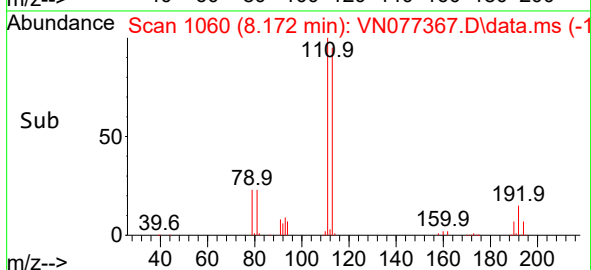
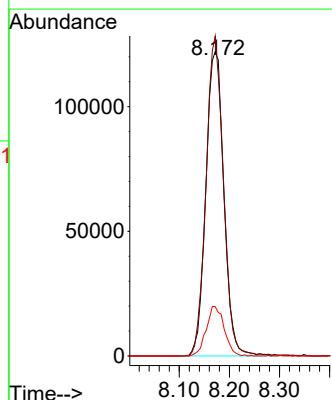
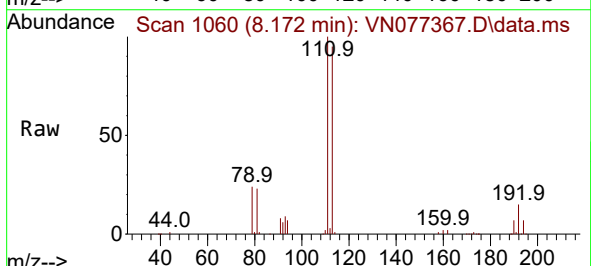
Tgt Ion:113 Resp: 305659

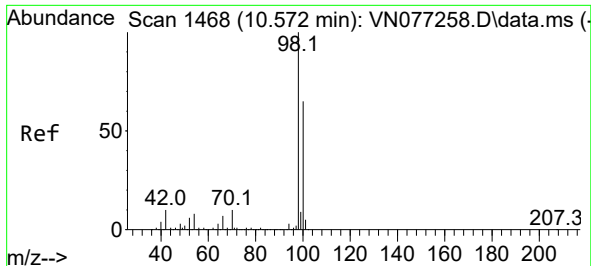
Ion Ratio Lower Upper

113 100

111 101.3 83.4 125.0

192 16.3 13.5 20.3

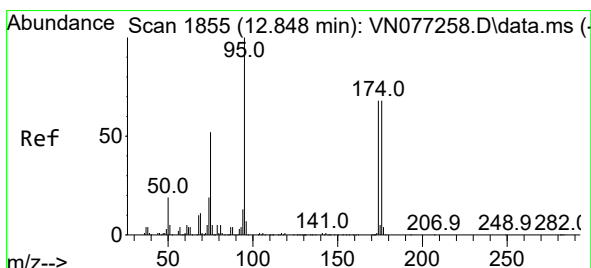
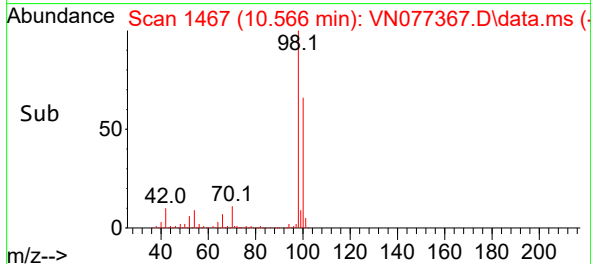
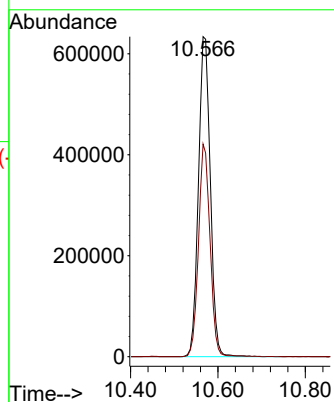
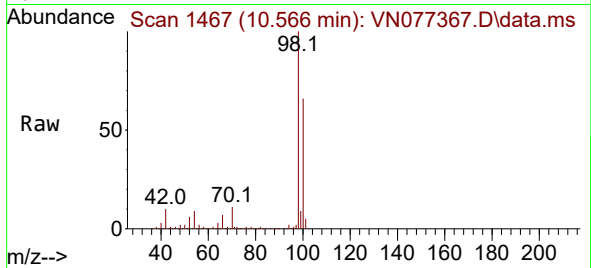




#50
Toluene-d8
Concen: 47.307 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077367.D
Acq: 19 Apr 2023 11:30

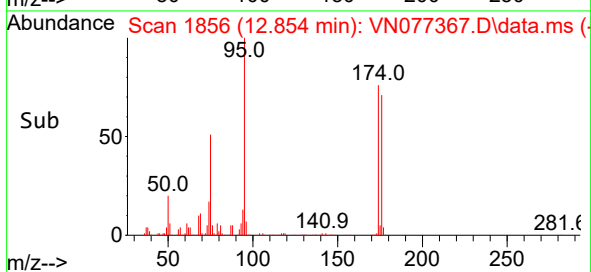
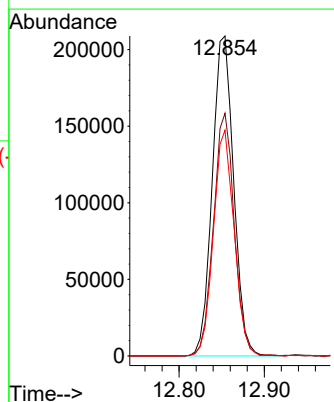
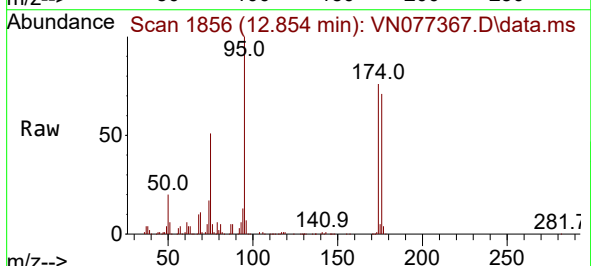
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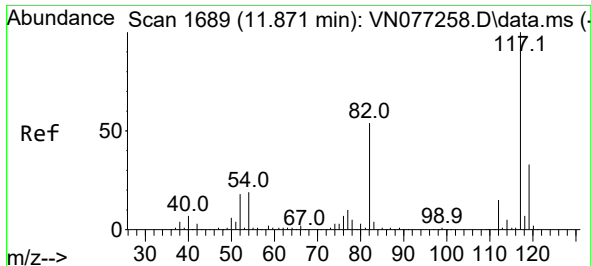
Tgt Ion: 98 Resp: 1198785
Ion Ratio Lower Upper
98 100
100 64.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 43.234 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077367.D
Acq: 19 Apr 2023 11:30

Tgt Ion: 95 Resp: 364366
Ion Ratio Lower Upper
95 100
174 73.8 0.0 146.8
176 68.5 0.0 139.6

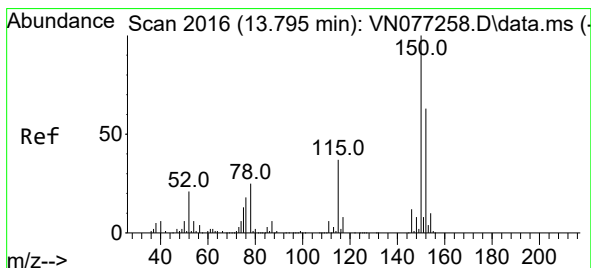
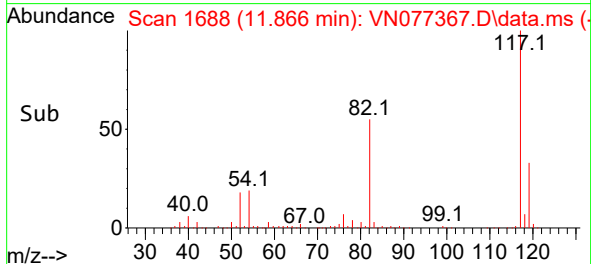
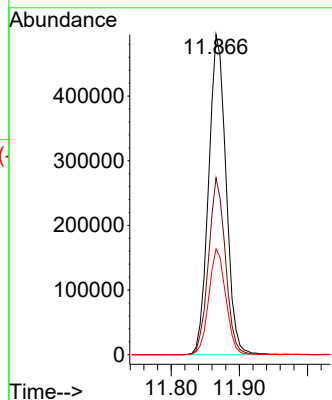
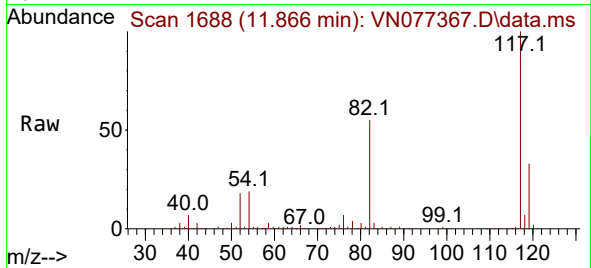




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN077367.D
Acq: 19 Apr 2023 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0419MBL01

Tgt Ion:117 Resp: 878288
Ion Ratio Lower Upper
117 100
82 55.3 42.9 64.3
119 33.0 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: VN077367.D
Acq: 19 Apr 2023 11:30

Tgt Ion:152 Resp: 312964
Ion Ratio Lower Upper
152 100
115 64.4 32.1 96.3
150 158.6 0.0 354.8

