

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041223\
 Data File : VN077308.D
 Acq On : 12 Apr 2023 11:18
 Operator : JC\MD
 Sample : VN0412WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBL01

Quant Time: Apr 13 01:10:36 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	495725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	937750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	842238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	298945	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	307457	45.379	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.760%
35) Dibromofluoromethane	8.172	113	281870	46.953	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.900%
50) Toluene-d8	10.572	98	1145102	47.383	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.760%
62) 4-Bromofluorobenzene	12.854	95	365753	45.505	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.020%

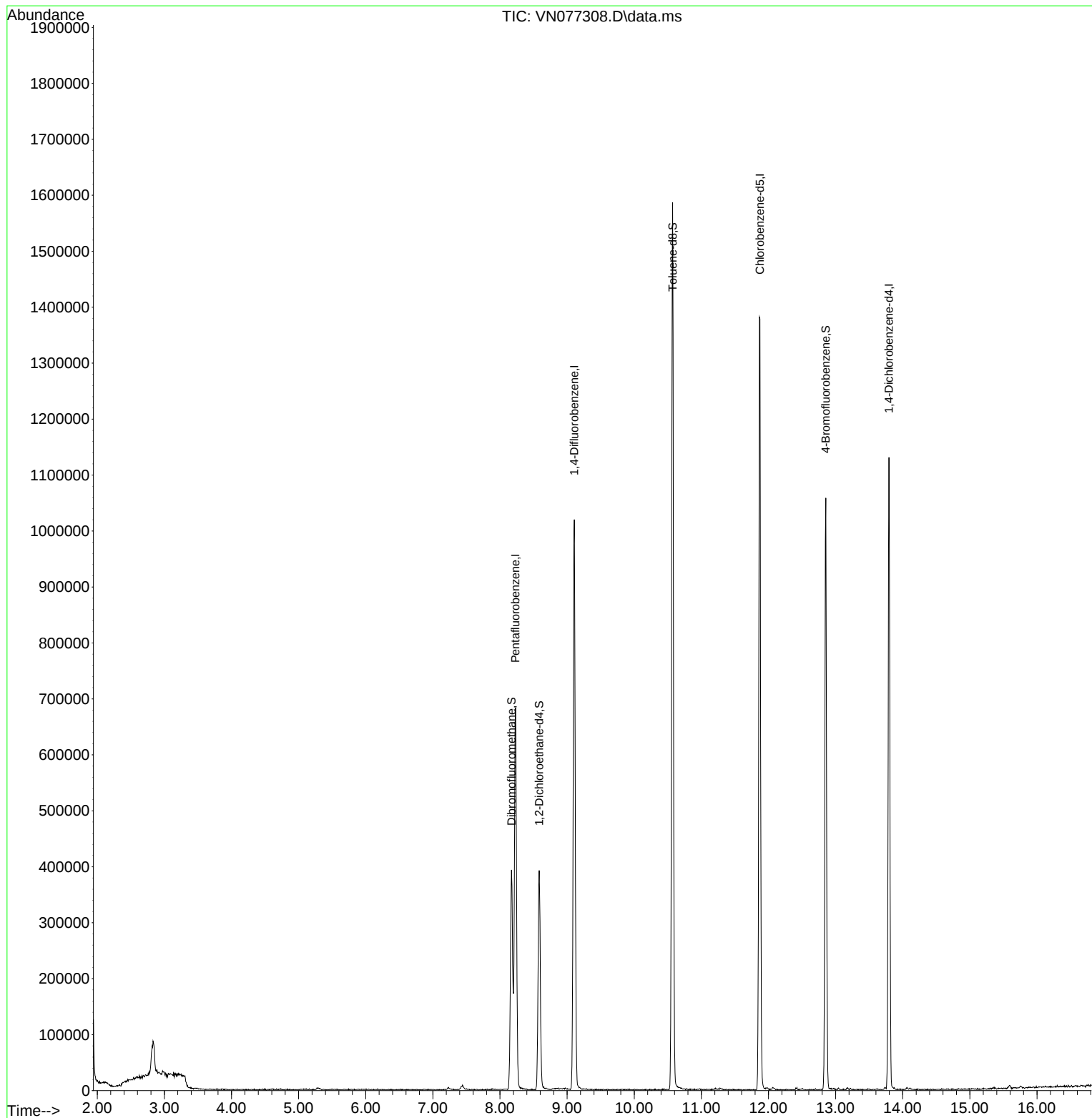
Target Compounds	Qvalue

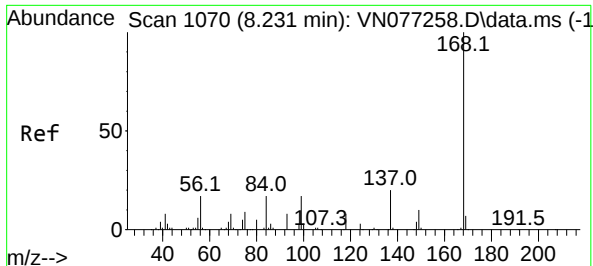
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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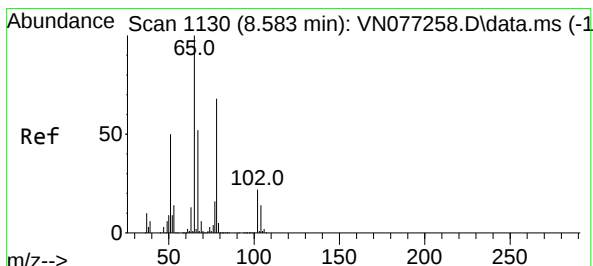
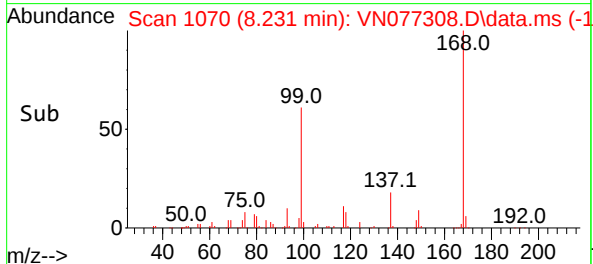
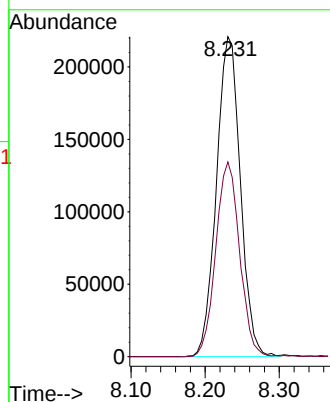
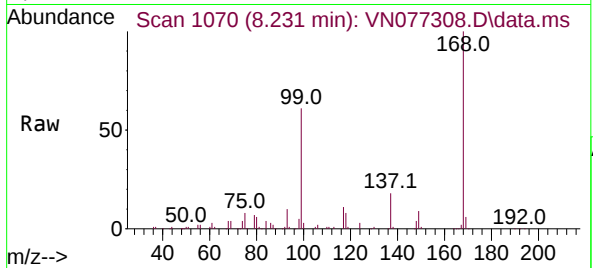




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077308.D
Acq: 12 Apr 2023 11:18

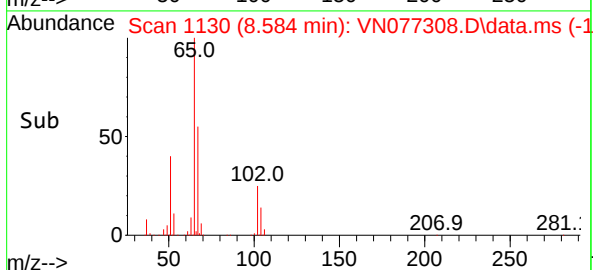
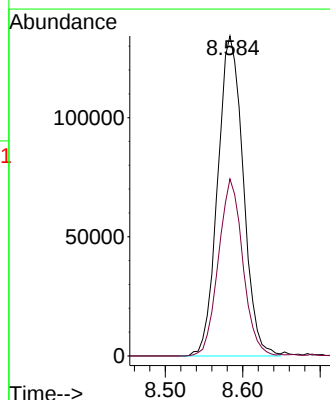
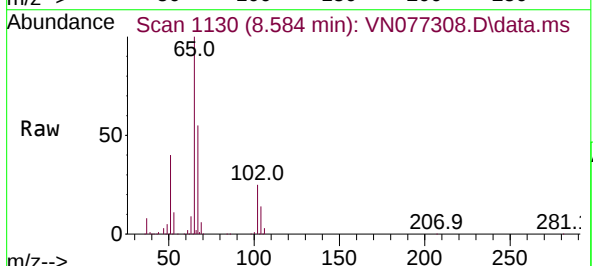
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBL01

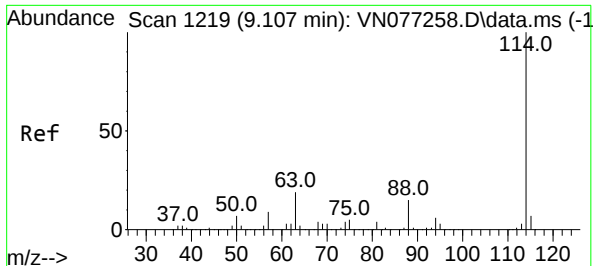
Tgt Ion:168 Resp: 495725
Ion Ratio Lower Upper
168 100
99 60.9 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 45.379 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077308.D
Acq: 12 Apr 2023 11:18

Tgt Ion: 65 Resp: 307457
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077308.D

Acq: 12 Apr 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBL01

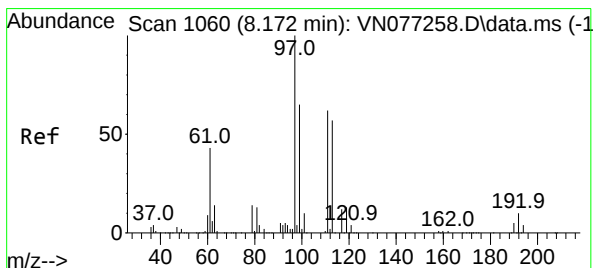
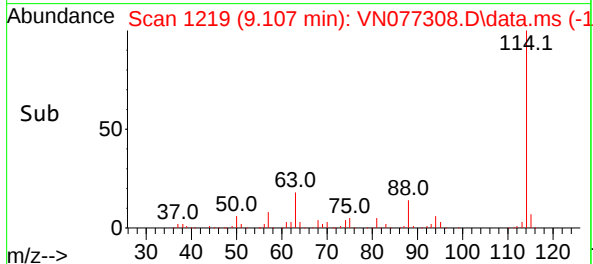
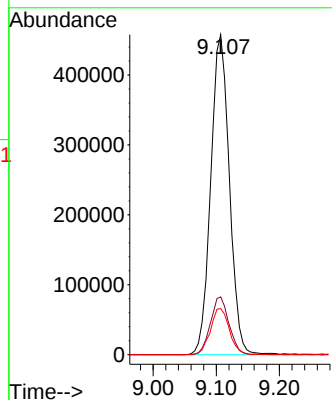
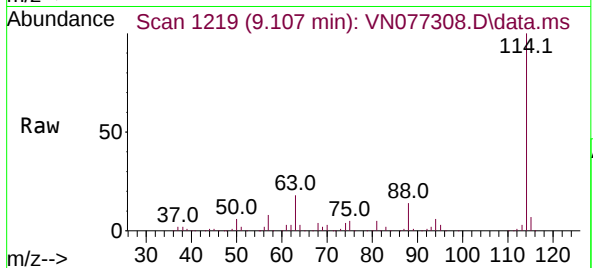
Tgt Ion:114 Resp: 937750

Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.8

88 14.4 0.0 29.4



#35

Dibromofluoromethane

Concen: 46.953 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077308.D

Acq: 12 Apr 2023 11:18

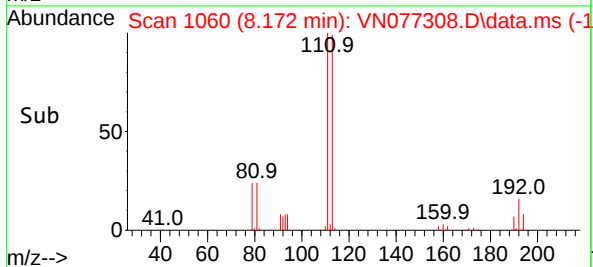
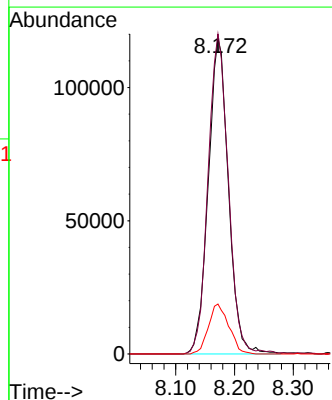
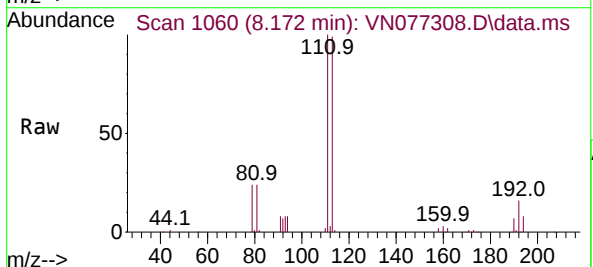
Tgt Ion:113 Resp: 281870

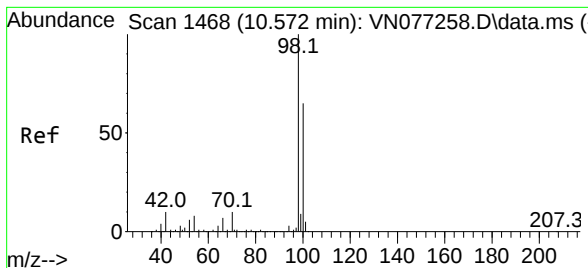
Ion Ratio Lower Upper

113 100

111 102.0 83.4 125.0

192 16.0 13.5 20.3

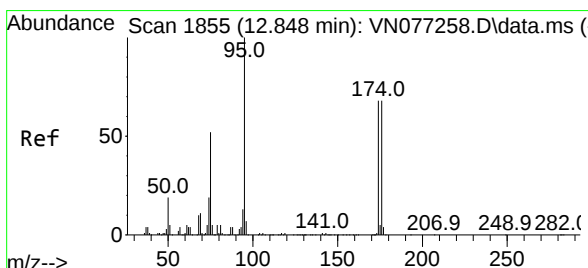
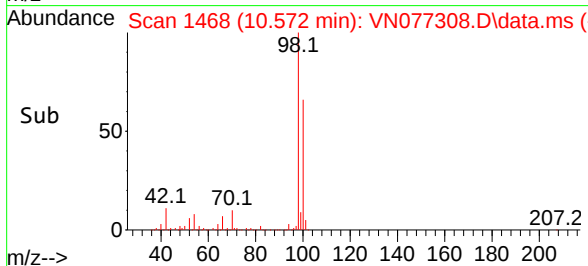
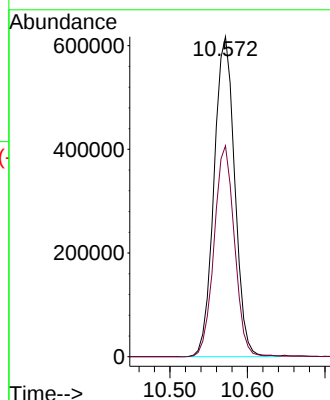
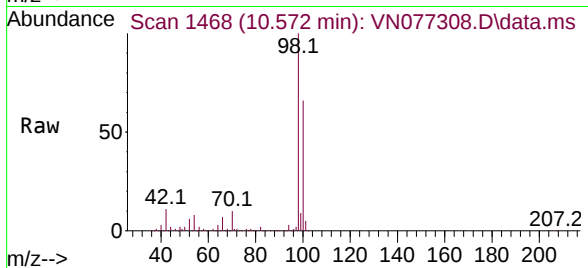




#50
Toluene-d8
Concen: 47.383 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077308.D
Acq: 12 Apr 2023 11:18

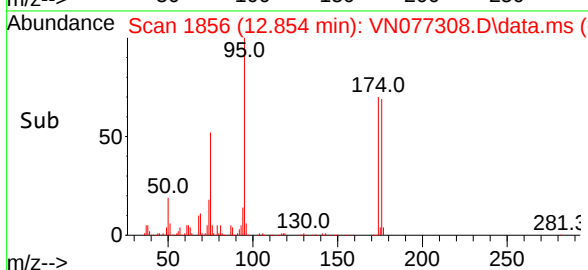
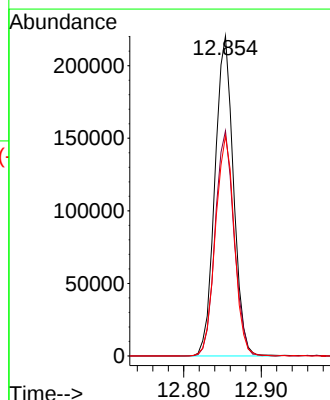
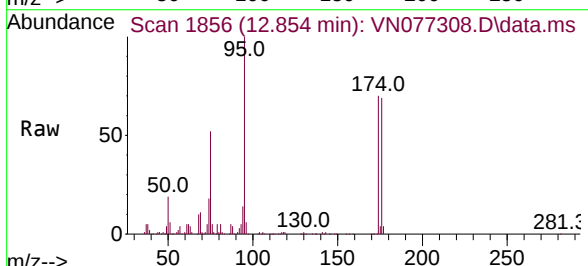
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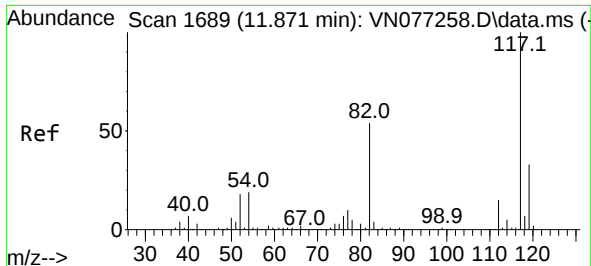
Tgt Ion: 98 Resp: 1145102
Ion Ratio Lower Upper
98 100
100 64.8 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 45.505 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077308.D
Acq: 12 Apr 2023 11:18

Tgt Ion: 95 Resp: 365753
Ion Ratio Lower Upper
95 100
174 71.5 0.0 146.8
176 69.9 0.0 139.6

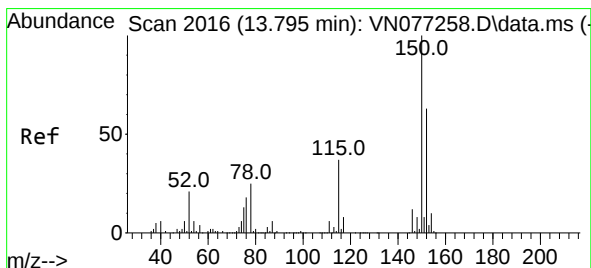
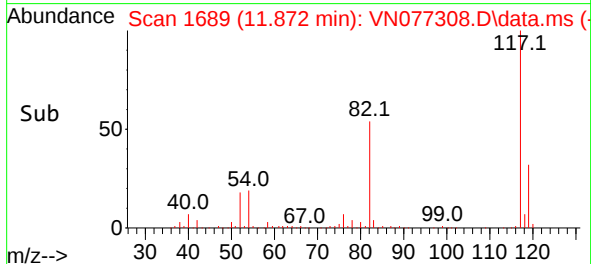
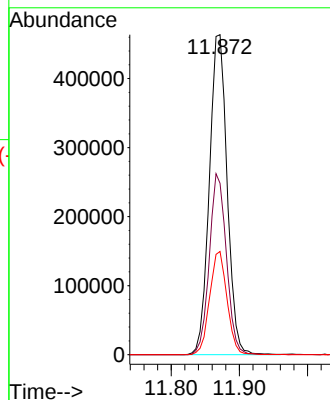
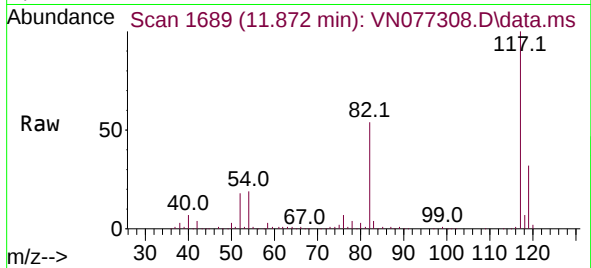




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.001 min
Lab File: VN077308.D
Acq: 12 Apr 2023 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBL01

Tgt Ion:117 Resp: 842238
Ion Ratio Lower Upper
117 100
82 53.5 42.9 64.3
119 32.3 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: VN077308.D
Acq: 12 Apr 2023 11:18

Tgt Ion:152 Resp: 298945
Ion Ratio Lower Upper
152 100
115 62.1 32.1 96.3
150 159.3 0.0 354.8

