

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041723\
 Data File : VN077355.D
 Acq On : 17 Apr 2023 14:18
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 18 04:53:37 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	8.236	168	503151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	958071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	859476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.801	152	302951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	308323	44.836	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.680%
35) Dibromofluoromethane	8.172	113	291999	47.609	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.220%
50) Toluene-d8	10.572	98	1172329	47.481	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.960%
62) 4-Bromofluorobenzene	12.854	95	349479	42.558	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.120%

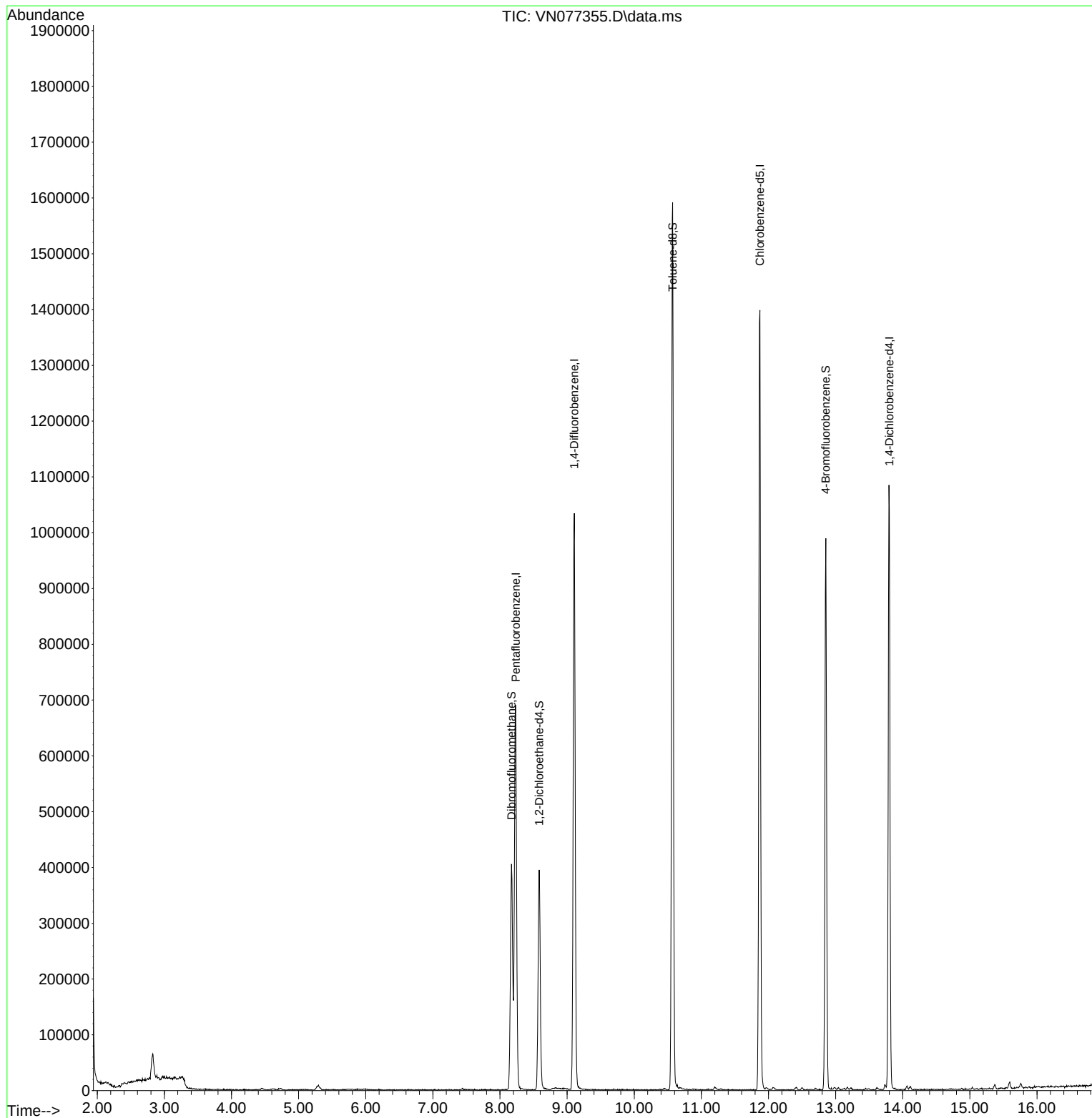
Target Compounds	Qvalue

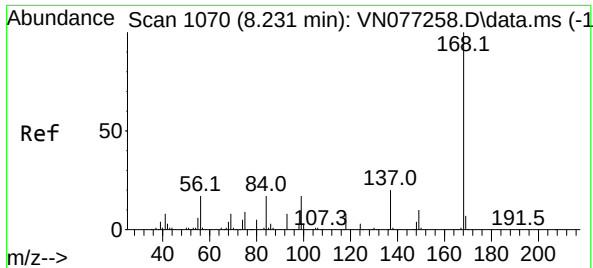
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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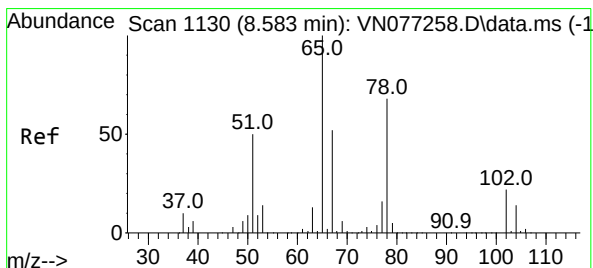
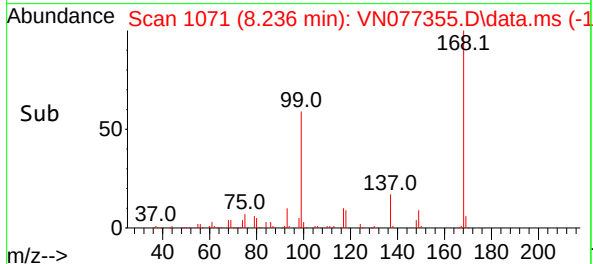
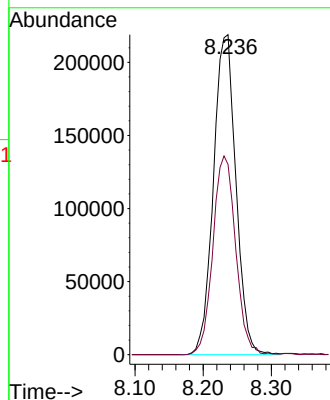
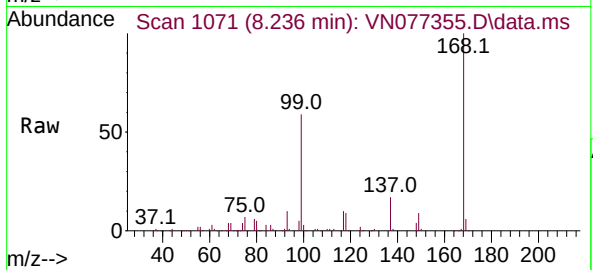




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN077355.D
Acq: 17 Apr 2023 14:18

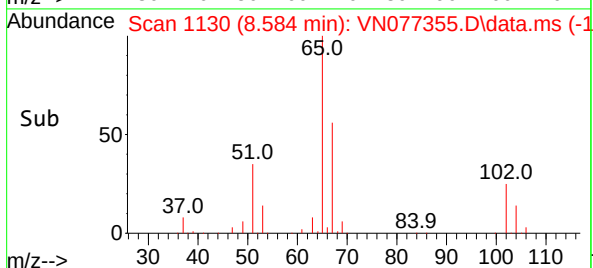
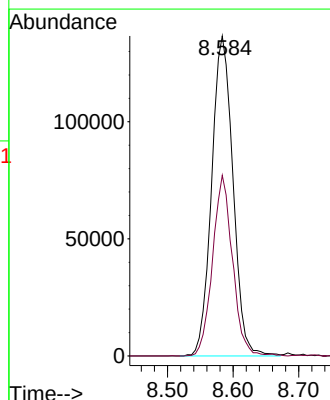
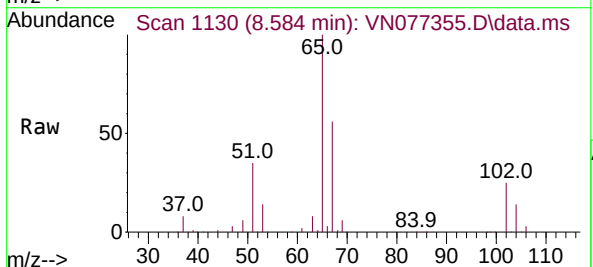
Instrument :
MSVOA_N
ClientSampleId :
IBLK

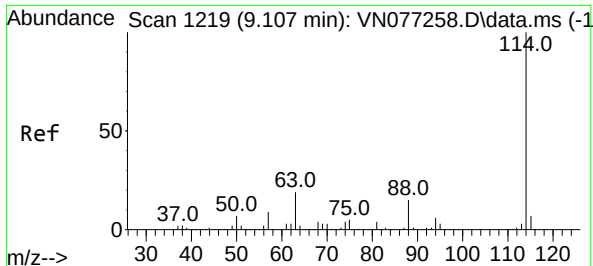
Tgt Ion:168 Resp: 503151
Ion Ratio Lower Upper
168 100
99 59.5 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 44.836 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077355.D
Acq: 17 Apr 2023 14:18

Tgt Ion: 65 Resp: 308323
Ion Ratio Lower Upper
65 100
67 52.9 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: VN077355.D

Acq: 17 Apr 2023 14:18

Instrument :

MSVOA_N

ClientSampleId :

IBLK

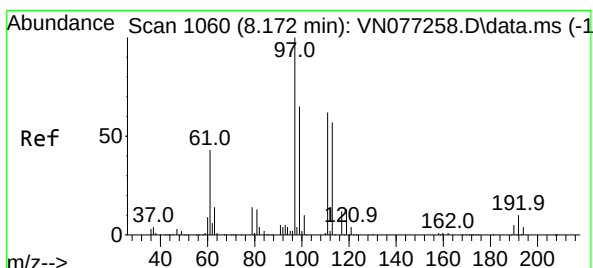
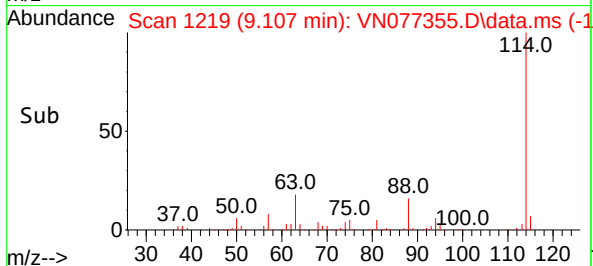
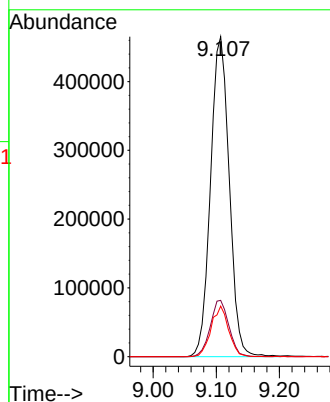
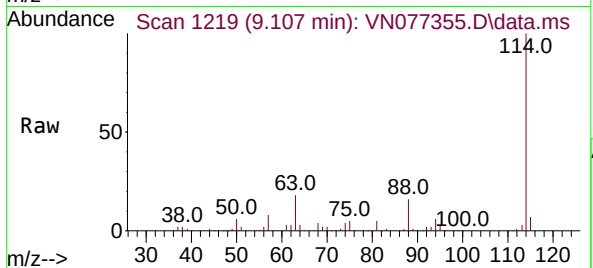
Tgt Ion:114 Resp: 958071

Ion Ratio Lower Upper

114 100

63 17.6 0.0 37.8

88 15.8 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.609 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077355.D

Acq: 17 Apr 2023 14:18

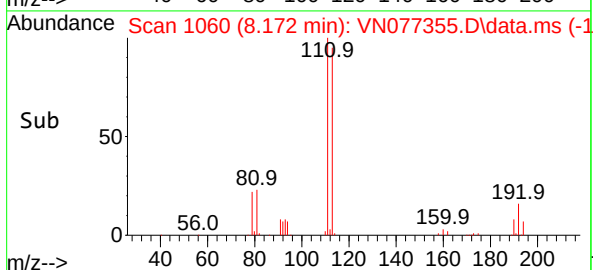
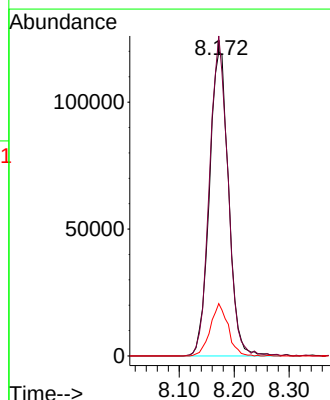
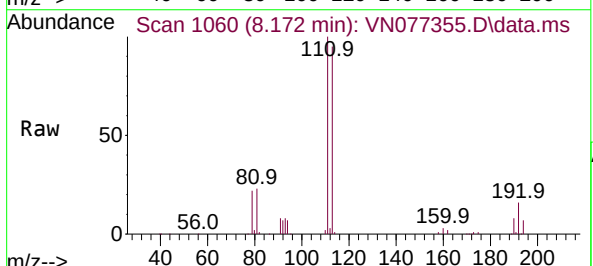
Tgt Ion:113 Resp: 291999

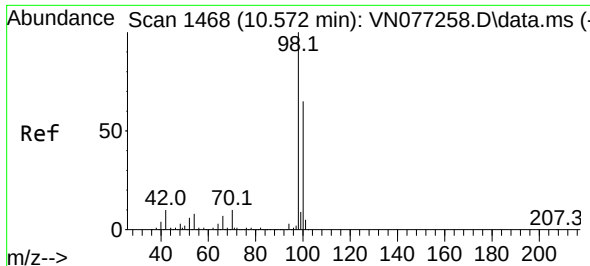
Ion Ratio Lower Upper

113 100

111 100.8 83.4 125.0

192 15.9 13.5 20.3

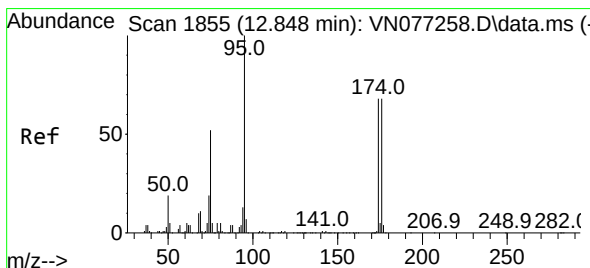
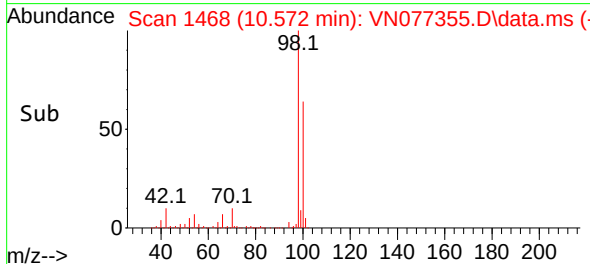
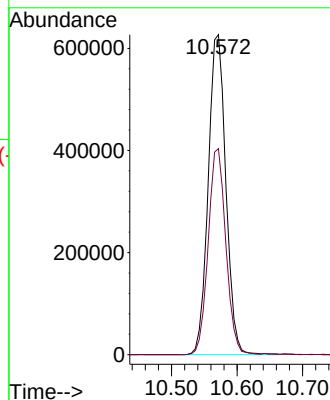
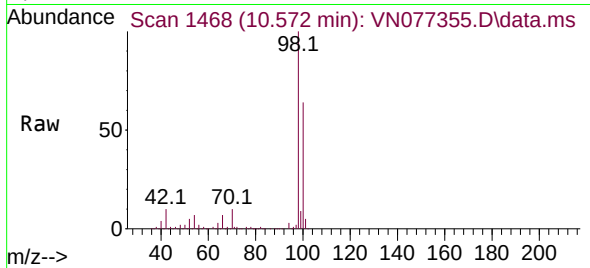




#50
Toluene-d8
Concen: 47.481 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077355.D
Acq: 17 Apr 2023 14:18

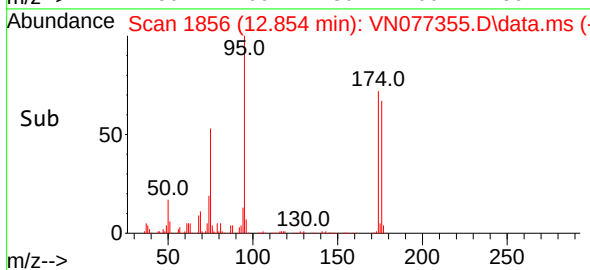
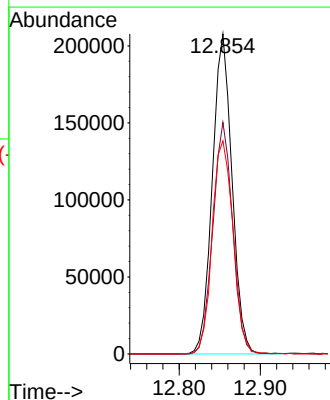
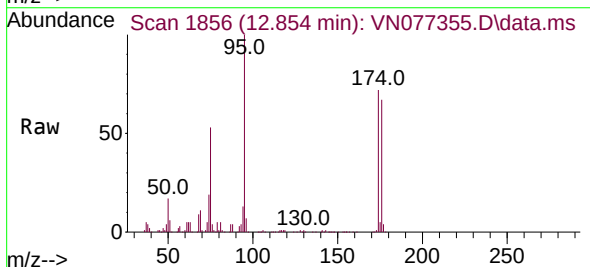
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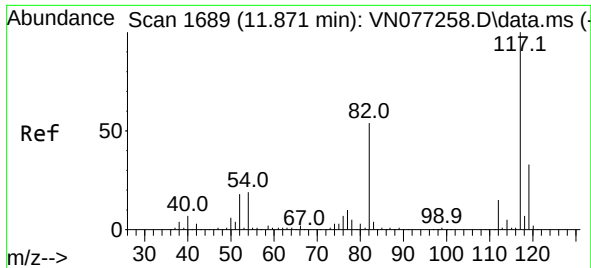
Tgt Ion: 98 Resp: 1172329
Ion Ratio Lower Upper
98 100
100 64.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 42.558 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077355.D
Acq: 17 Apr 2023 14:18

Tgt Ion: 95 Resp: 349479
Ion Ratio Lower Upper
95 100
174 72.5 0.0 146.8
176 71.0 0.0 139.6

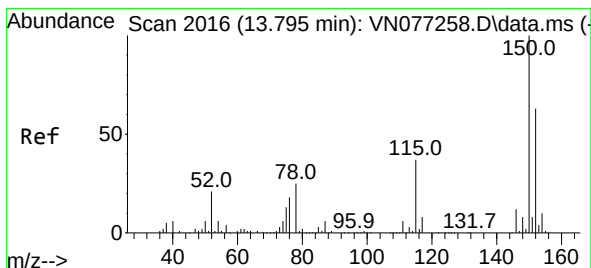
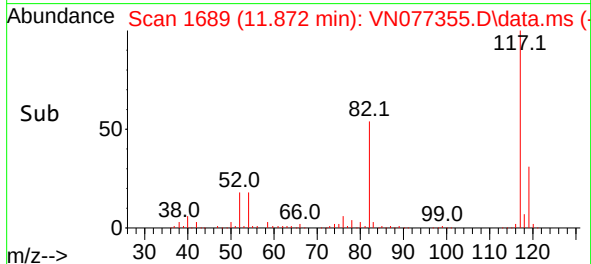
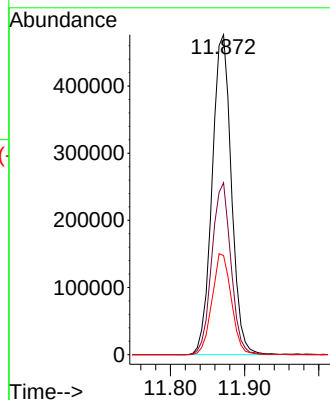
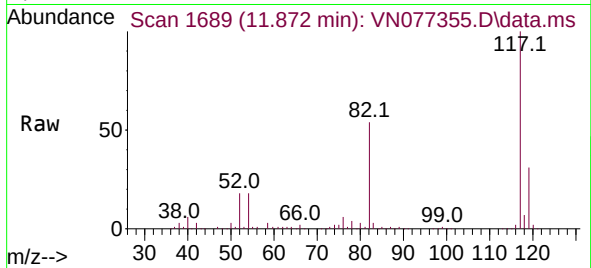




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077355.D
Acq: 17 Apr 2023 14:18

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 859476
Ion Ratio Lower Upper
117 100
82 53.8 42.9 64.3
119 31.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.801 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN077355.D
Acq: 17 Apr 2023 14:18

Tgt Ion:152 Resp: 302951
Ion Ratio Lower Upper
152 100
115 61.3 32.1 96.3
150 155.7 0.0 354.8

