

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077552.D
 Acq On : 03 May 2023 10:34
 Operator : JC\MD
 Sample : VN0503WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503WBL01

Quant Time: May 04 04:40:51 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	586337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1118823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	997304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	341994	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	395721	51.721	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.440%
35) Dibromofluoromethane	8.172	113	356929	53.078	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.160%
50) Toluene-d8	10.566	98	1365141	52.969	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.940%
62) 4-Bromofluorobenzene	12.854	95	412901	48.967	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.940%

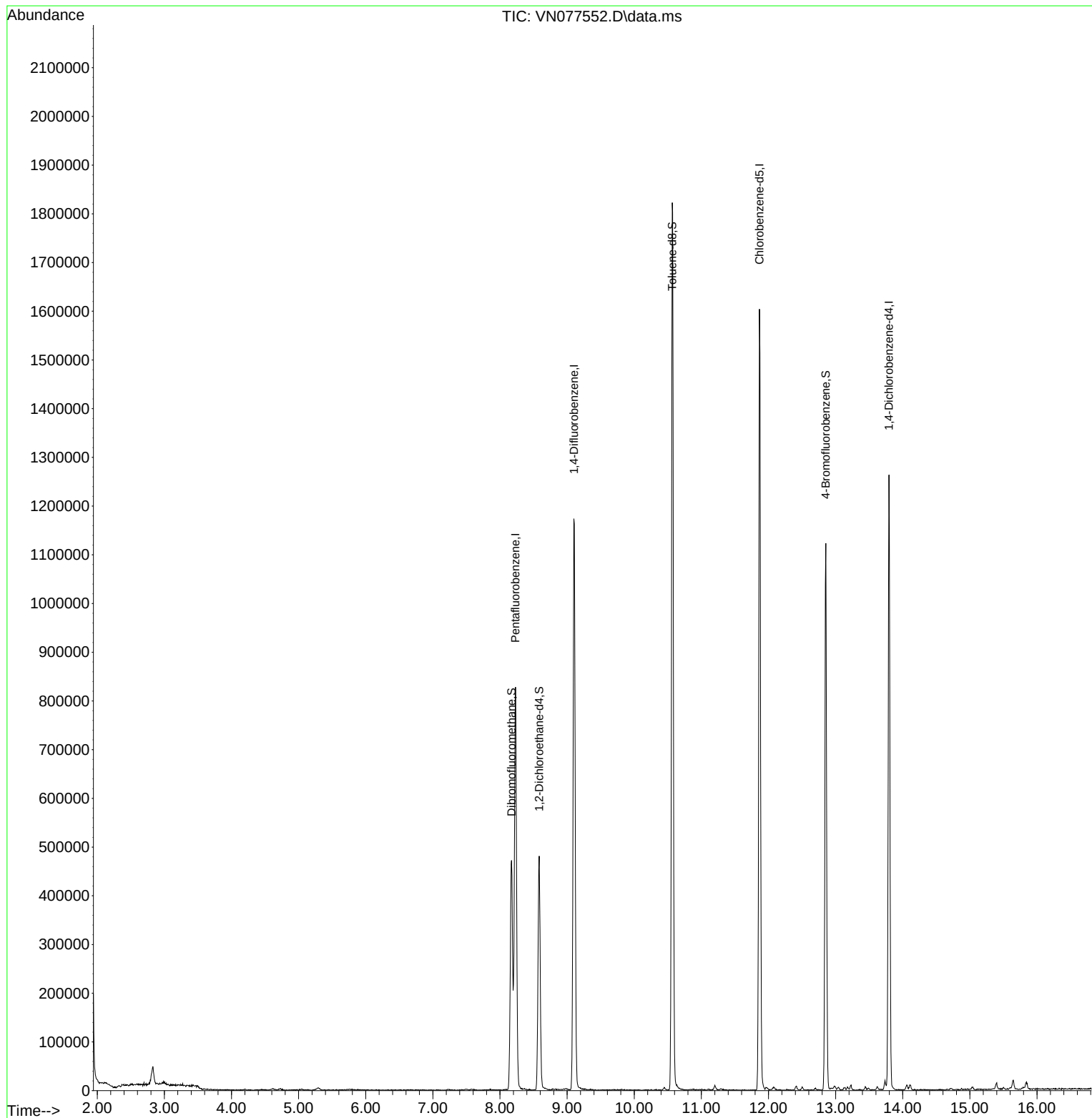
Target Compounds	Qvalue

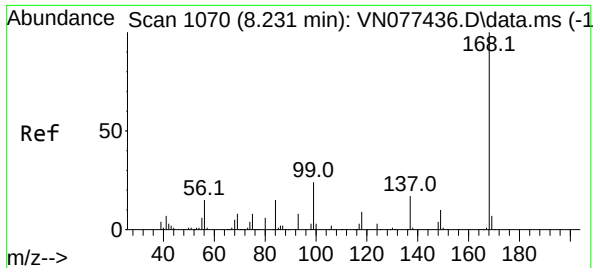
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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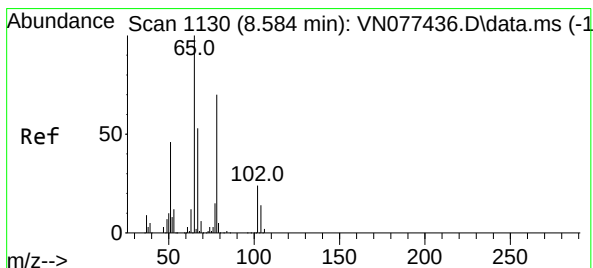
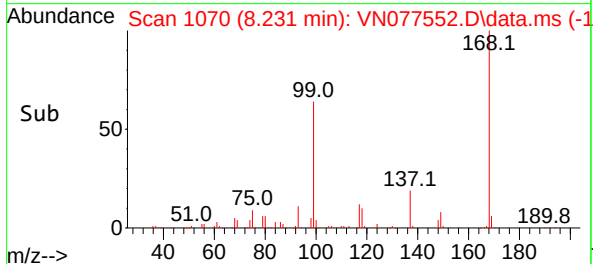
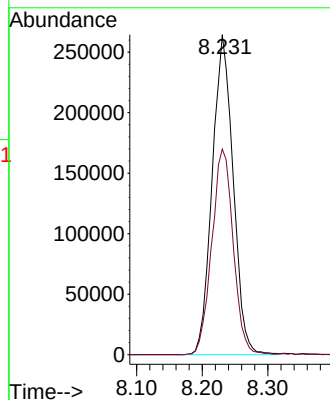
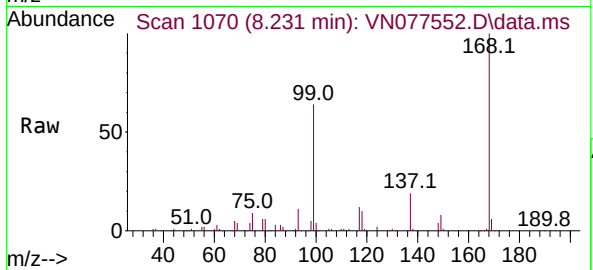




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN077552.D
Acq: 03 May 2023 10:34

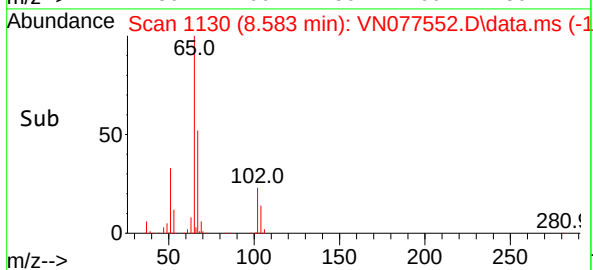
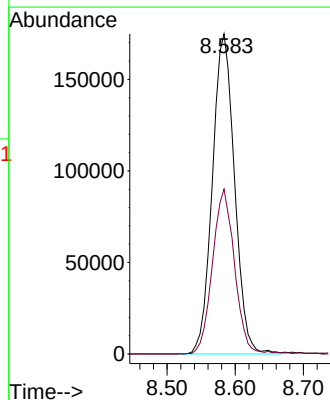
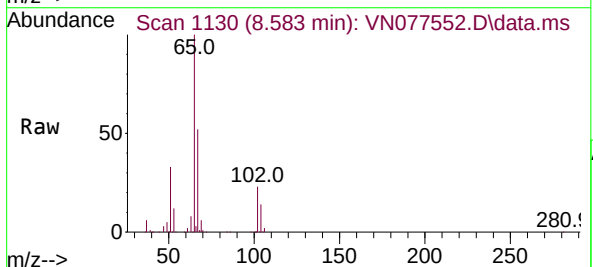
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBL01

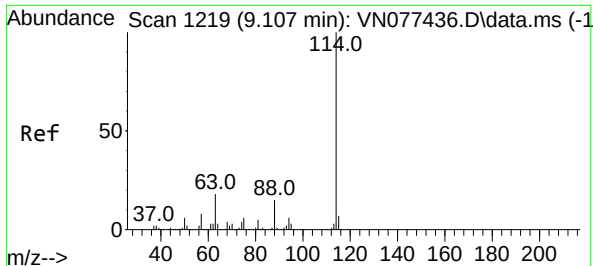
Tgt Ion:168 Resp: 586337
Ion Ratio Lower Upper
168 100
99 64.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 51.721 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077552.D
Acq: 03 May 2023 10:34

Tgt Ion: 65 Resp: 395721
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1118

Delta R.T. -0.006 min

Lab File: VN077552.D

Acq: 03 May 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBL01

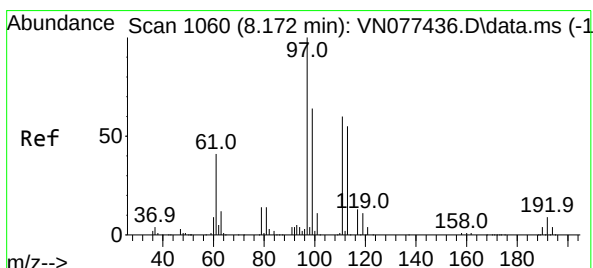
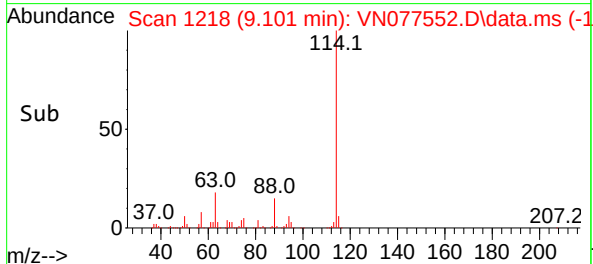
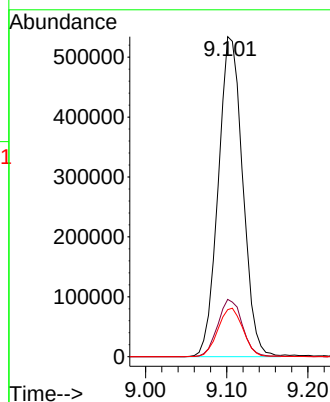
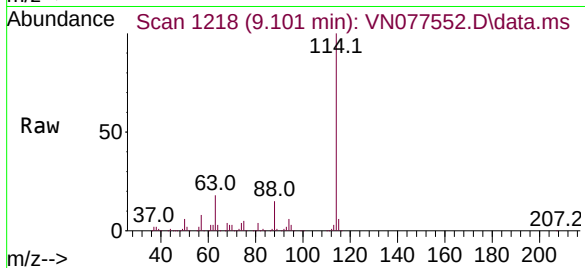
Tgt Ion:114 Resp: 1118823

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.078 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077552.D

Acq: 03 May 2023 10:34

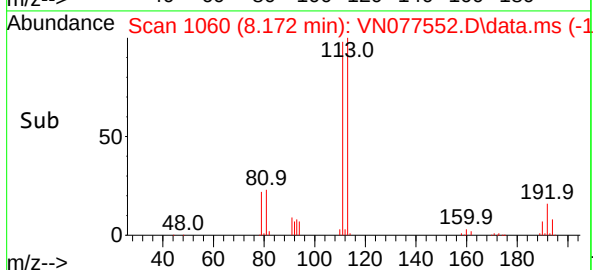
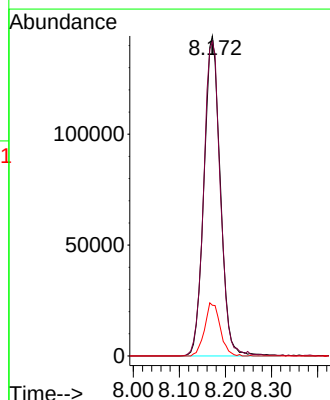
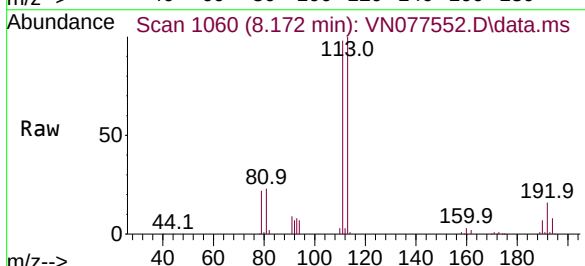
Tgt Ion:113 Resp: 356929

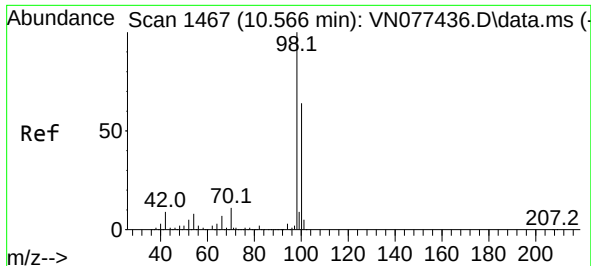
Ion Ratio Lower Upper

113 100

111 100.3 82.6 123.8

192 15.8 12.7 19.1

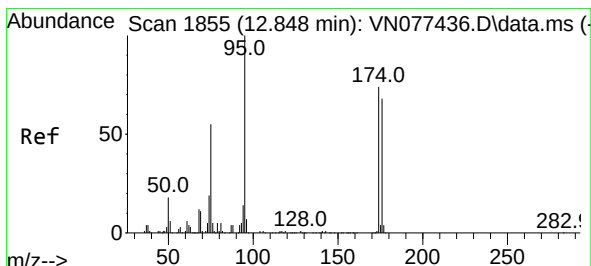
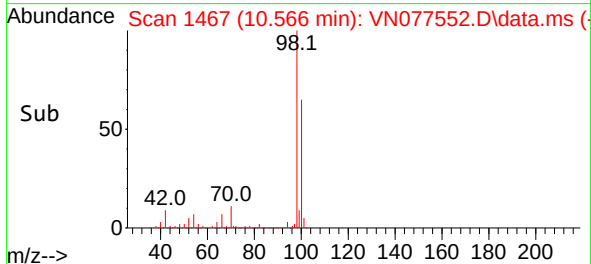
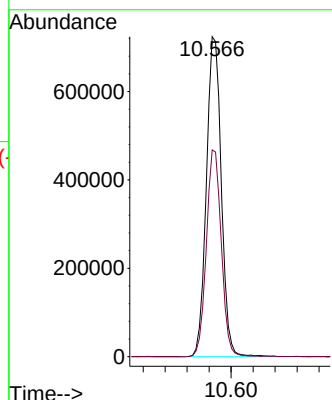
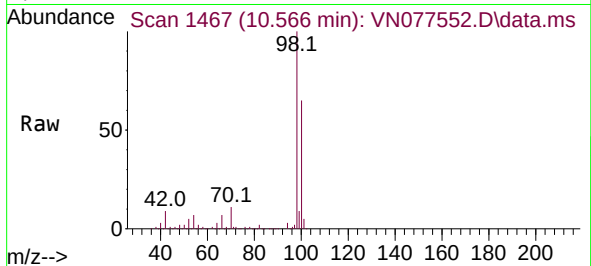




#50
Toluene-d8
Concen: 52.969 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077552.D
Acq: 03 May 2023 10:34

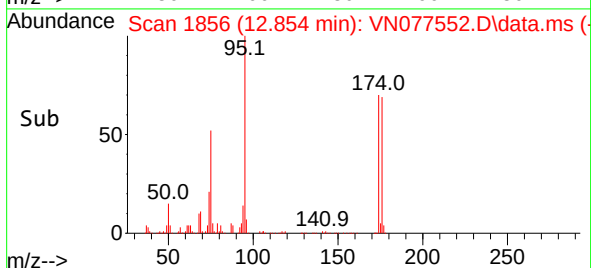
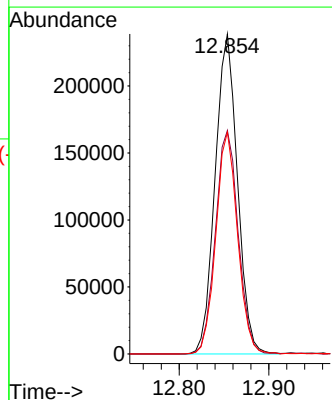
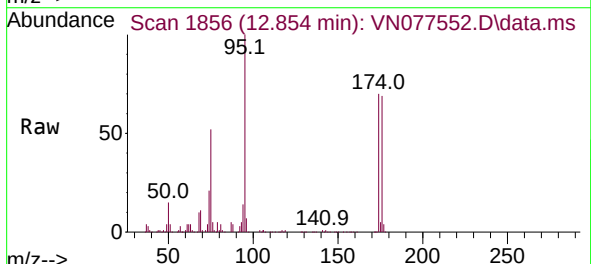
Instrument :
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VN0503WBL01

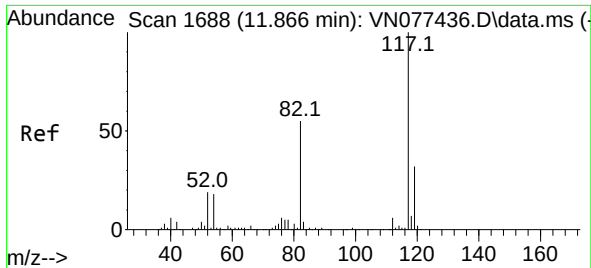
Tgt Ion: 98 Resp: 1365141
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.967 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077552.D
Acq: 03 May 2023 10:34

Tgt Ion: 95 Resp: 412901
Ion Ratio Lower Upper
95 100
174 71.1 0.0 143.8
176 67.4 0.0 135.8

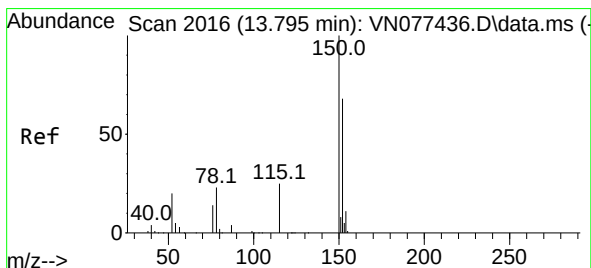
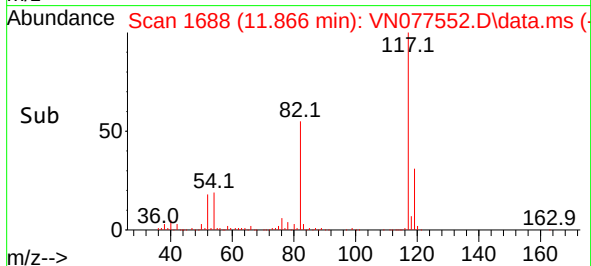
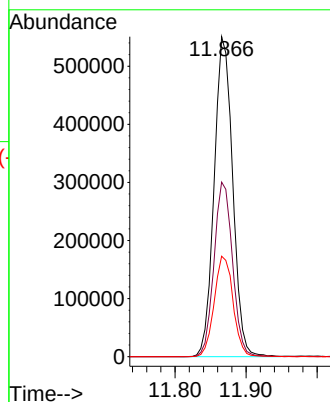
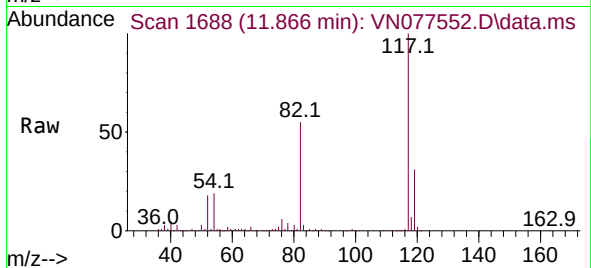




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077552.D
Acq: 03 May 2023 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBL01

Tgt Ion:117 Resp: 997304
Ion Ratio Lower Upper
117 100
82 54.6 44.0 66.0
119 31.4 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: VN077552.D
Acq: 03 May 2023 10:34

Tgt Ion:152 Resp: 341994
Ion Ratio Lower Upper
152 100
115 63.6 32.3 96.8
150 159.8 0.0 355.8

