

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042923\
 Data File : VN077513.D
 Acq On : 29 Apr 2023 11:35
 Operator : JC\MD
 Sample : VN0429WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBL01

Quant Time: May 01 01:22:27 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	539630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	996667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	888198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	306500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	357586	50.782	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.560%	
35) Dibromofluoromethane	8.172	113	316166	52.779	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.560%	
50) Toluene-d8	10.572	98	1225871	53.395	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.780%	
62) 4-Bromofluorobenzene	12.854	95	375360	49.971	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.940%	

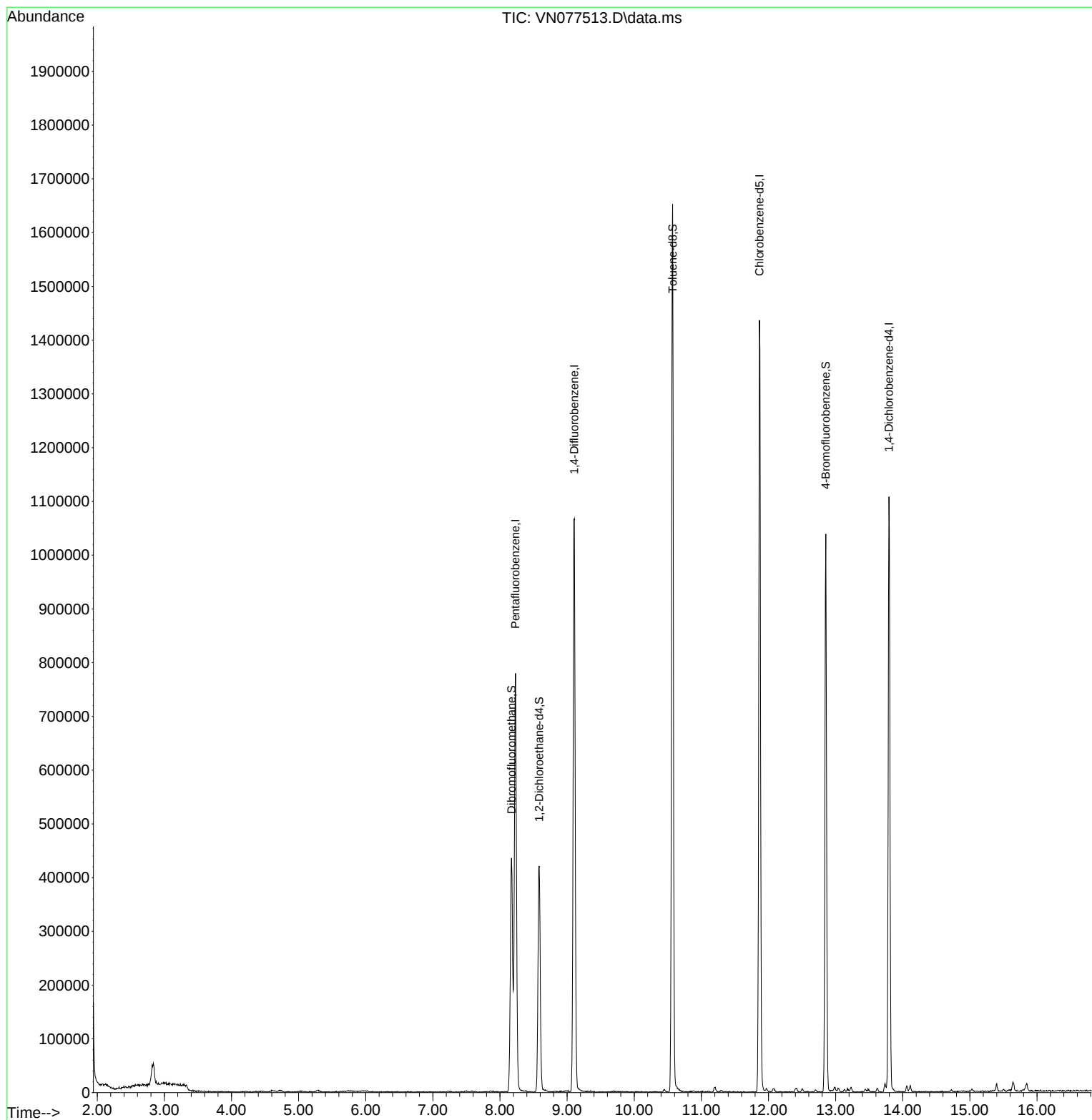
Target Compounds	Qvalue

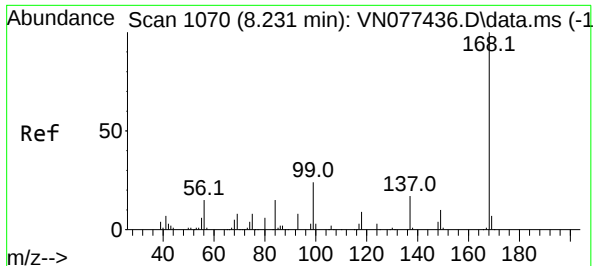
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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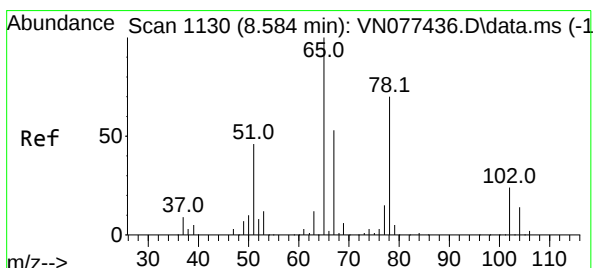
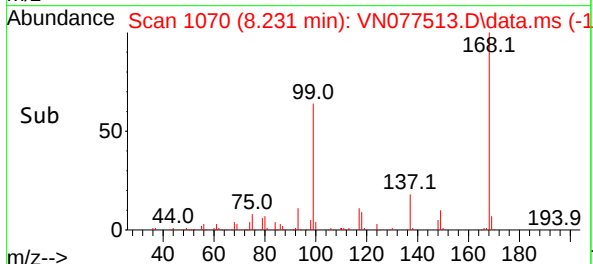
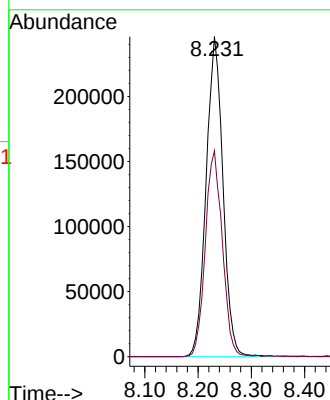
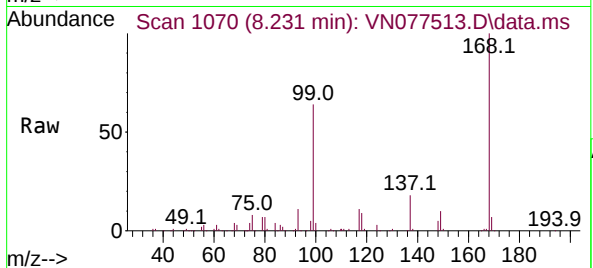




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN077513.D
Acq: 29 Apr 2023 11:35

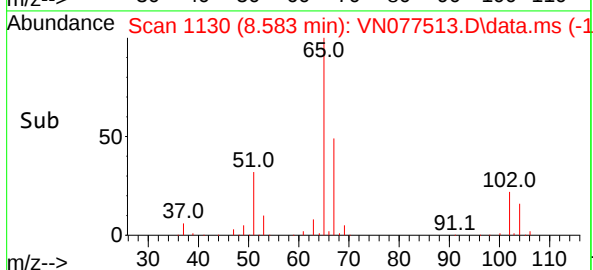
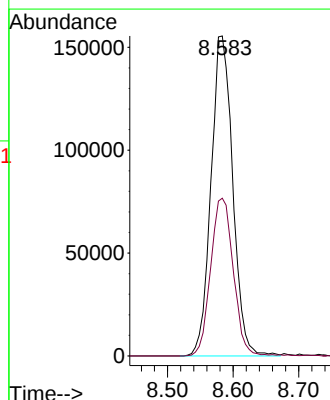
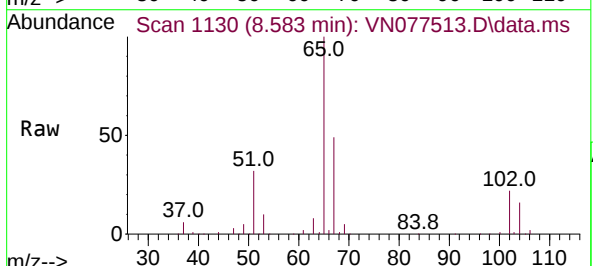
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBL01

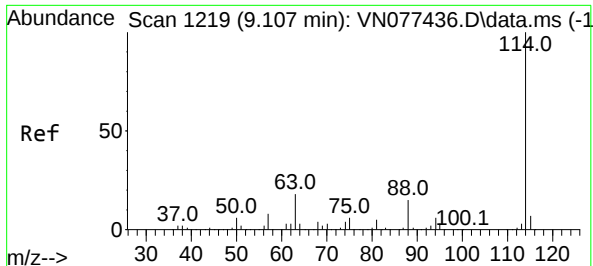
Tgt Ion:168 Resp: 539630
Ion Ratio Lower Upper
168 100
99 64.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.782 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077513.D
Acq: 29 Apr 2023 11:35

Tgt Ion: 65 Resp: 357586
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077513.D

Acq: 29 Apr 2023 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBL01

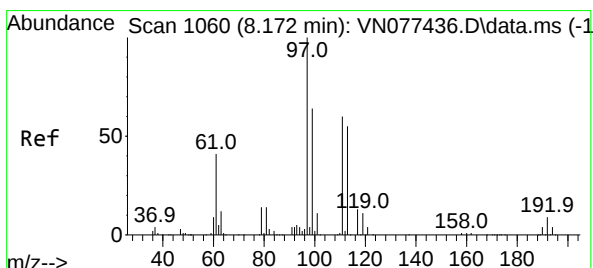
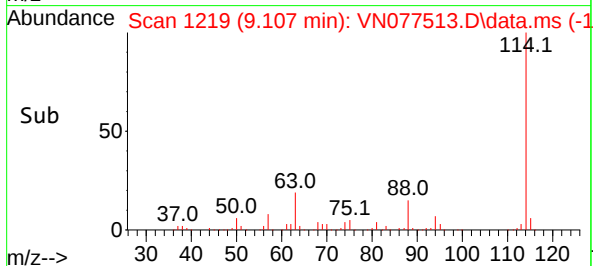
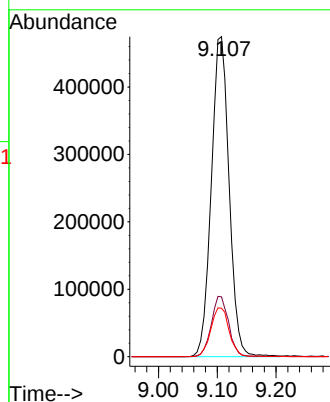
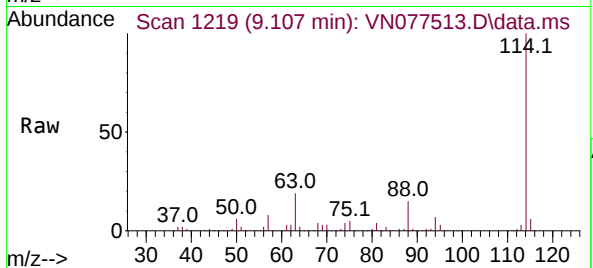
Tgt Ion:114 Resp: 996667

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.779 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077513.D

Acq: 29 Apr 2023 11:35

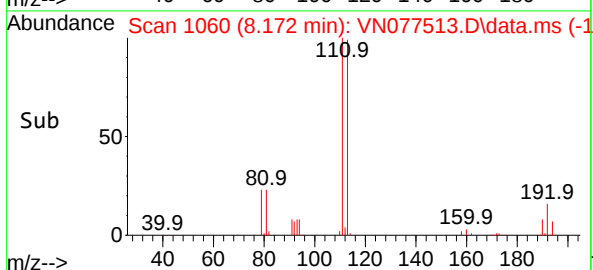
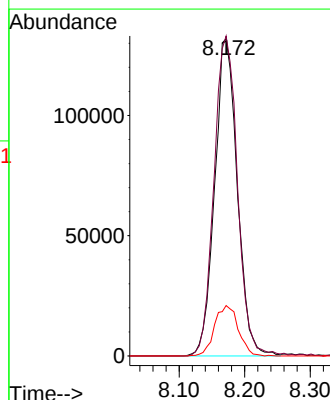
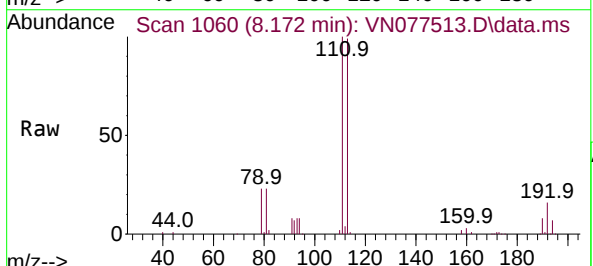
Tgt Ion:113 Resp: 316166

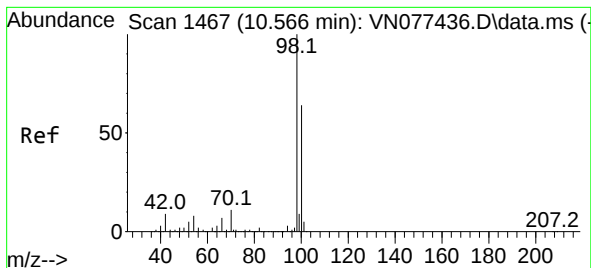
Ion Ratio Lower Upper

113 100

111 104.6 82.6 123.8

192 16.6 12.7 19.1

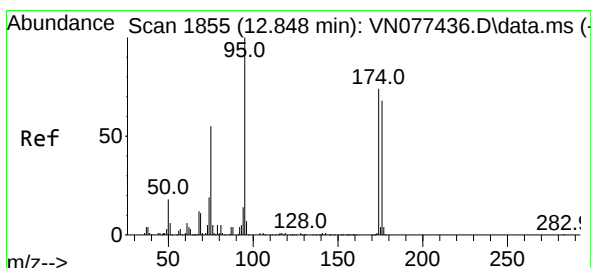
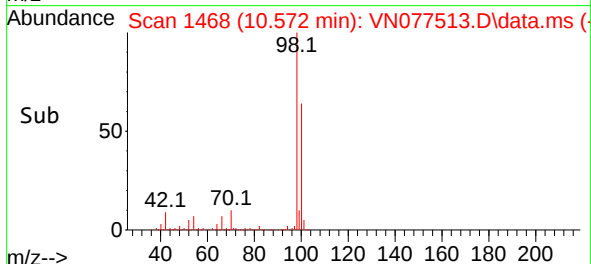
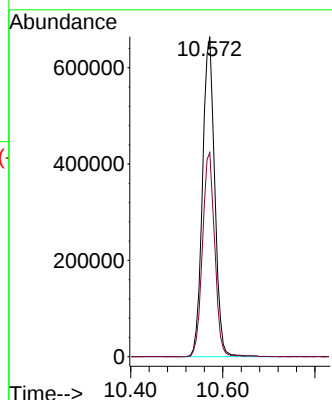
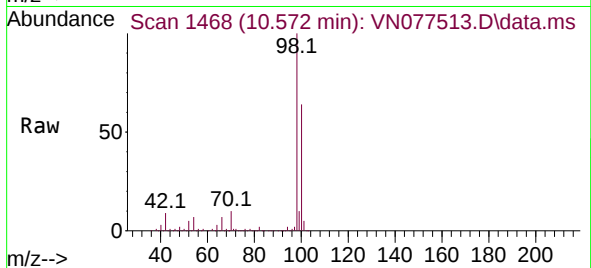




#50
Toluene-d8
Concen: 53.395 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077513.D
Acq: 29 Apr 2023 11:35

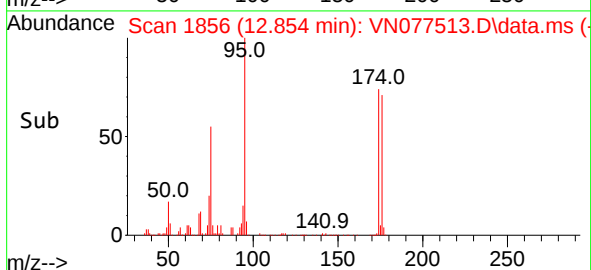
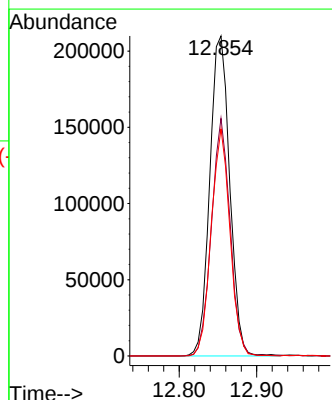
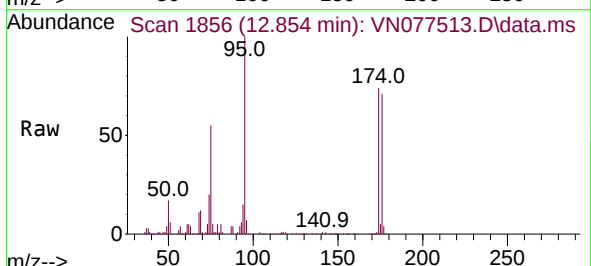
Instrument :
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VN0429WBL01

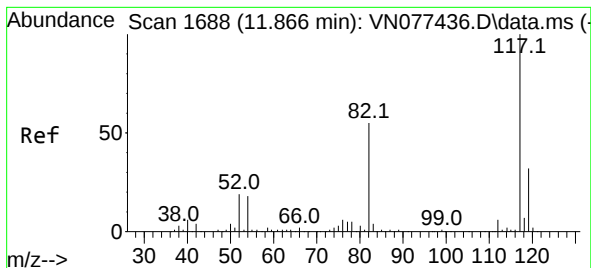
Tgt Ion: 98 Resp: 1225871
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.971 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077513.D
Acq: 29 Apr 2023 11:35

Tgt Ion: 95 Resp: 375360
Ion Ratio Lower Upper
95 100
174 69.6 0.0 143.8
176 66.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.866 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077513.D

Acq: 29 Apr 2023 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBL01

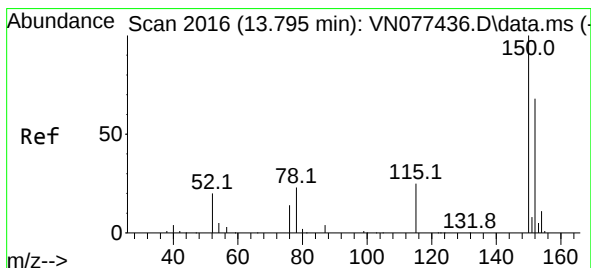
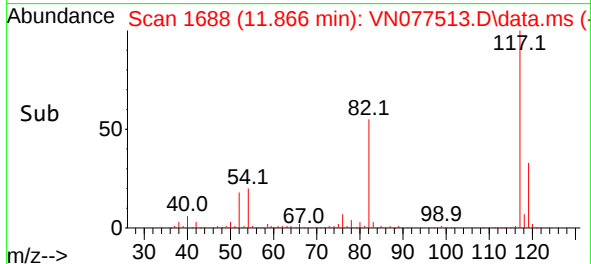
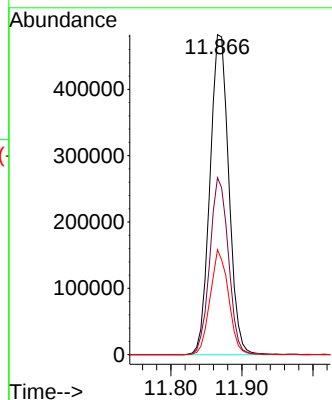
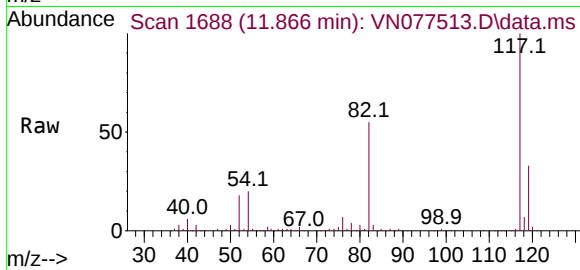
Tgt Ion:117 Resp: 888198

Ion Ratio Lower Upper

117 100

82 55.3 44.0 66.0

119 32.8 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: VN077513.D

Acq: 29 Apr 2023 11:35

Tgt Ion:152 Resp: 306500

Ion Ratio Lower Upper

152 100

115 64.7 32.3 96.8

150 158.8 0.0 355.8

