

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042723\
 Data File : VN077486.D
 Acq On : 27 Apr 2023 10:13
 Operator : JC\MD
 Sample : VN0427WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBL01

Quant Time: Apr 28 03:21:34 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	8.230	168	638010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1190406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1046864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	371011	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	418940	50.321	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.640%
35) Dibromofluoromethane	8.172	113	368661	51.526	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.060%
50) Toluene-d8	10.571	98	1419517	51.766	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.540%
62) 4-Bromofluorobenzene	12.854	95	446096	49.723	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.440%

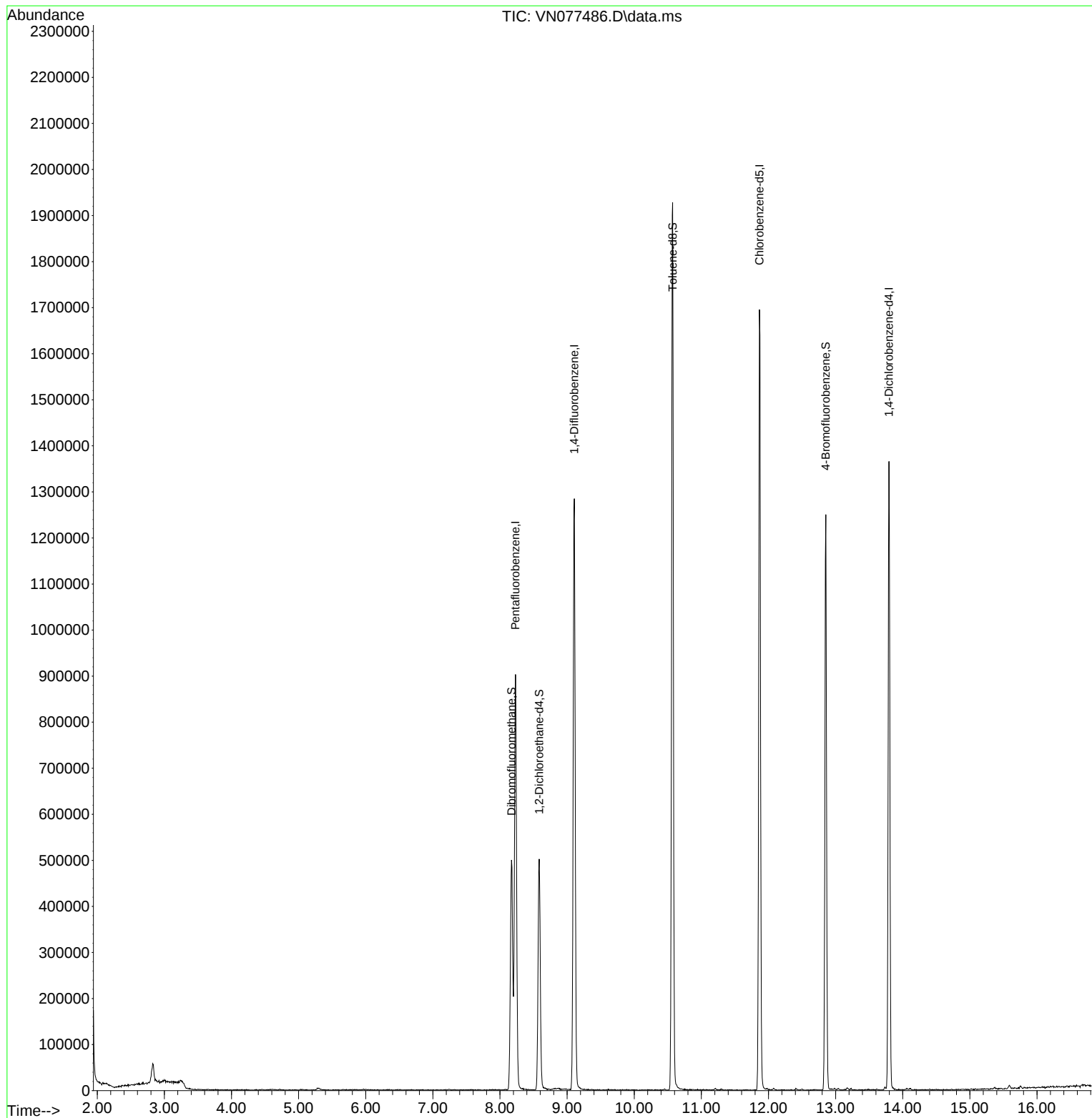
Target Compounds	Qvalue

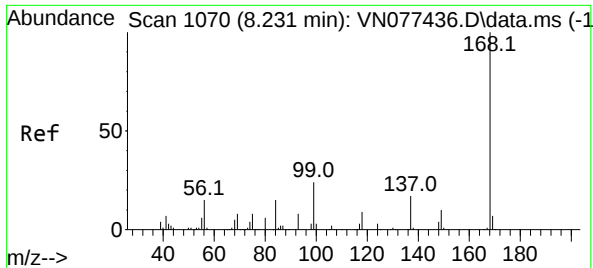
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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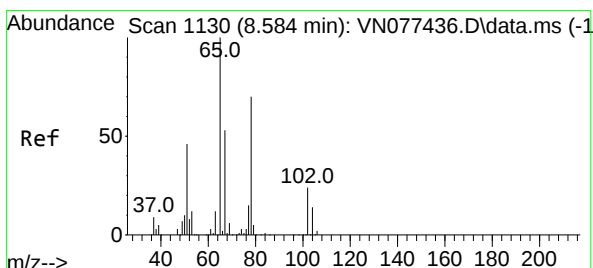
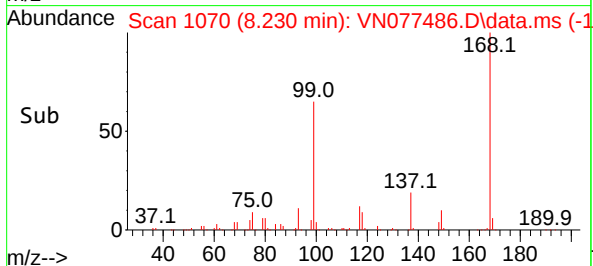
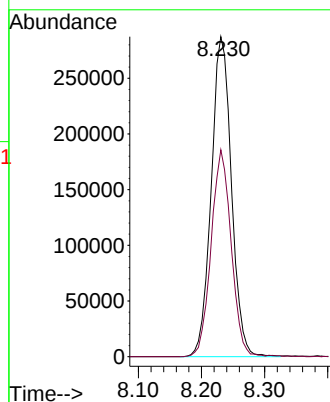
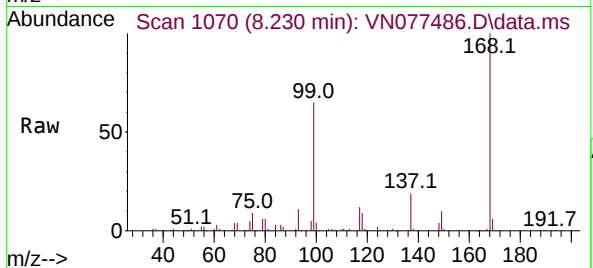




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.001 min
Lab File: VN077486.D
Acq: 27 Apr 2023 10:13

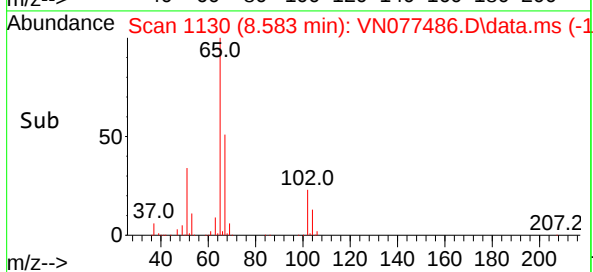
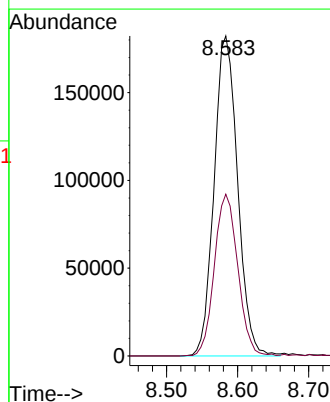
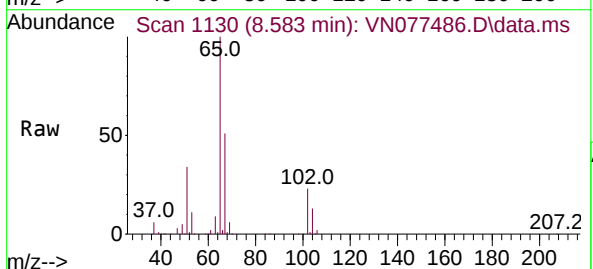
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBL01

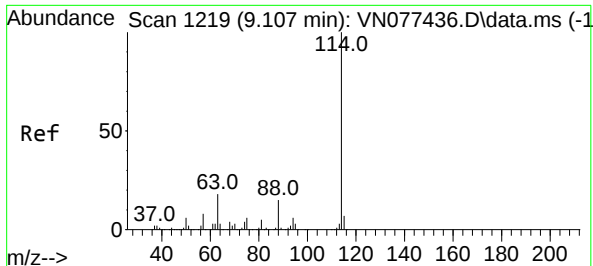
Tgt Ion:168 Resp: 638010
Ion Ratio Lower Upper
168 100
99 64.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.321 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077486.D
Acq: 27 Apr 2023 10:13

Tgt Ion: 65 Resp: 418940
Ion Ratio Lower Upper
65 100
67 50.3 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: VN077486.D

Acq: 27 Apr 2023 10:13

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBL01

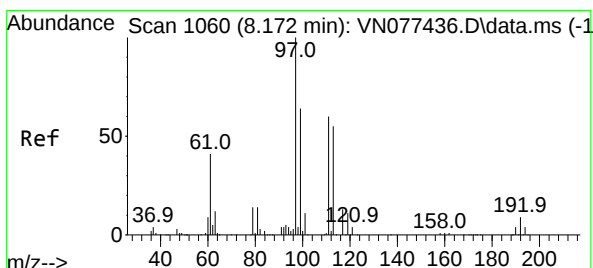
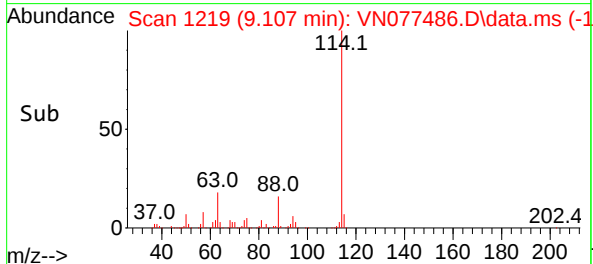
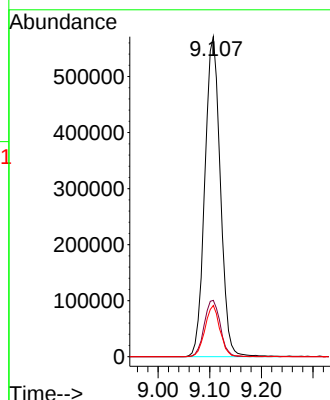
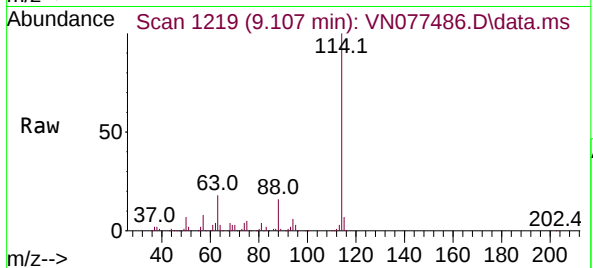
Tgt Ion:114 Resp: 1190406

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.526 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077486.D

Acq: 27 Apr 2023 10:13

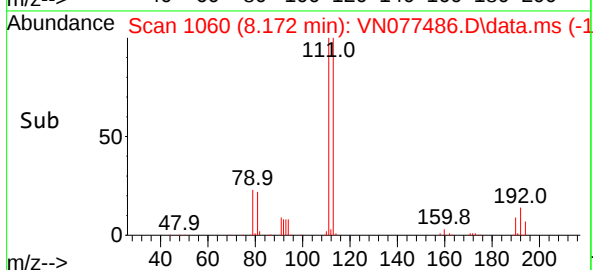
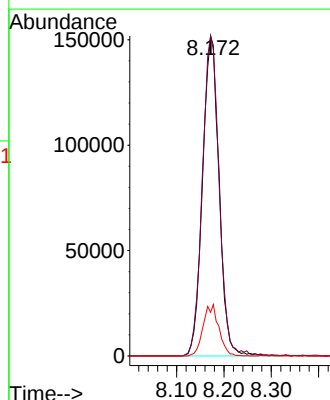
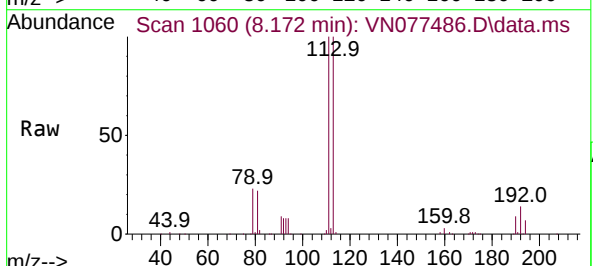
Tgt Ion:113 Resp: 368661

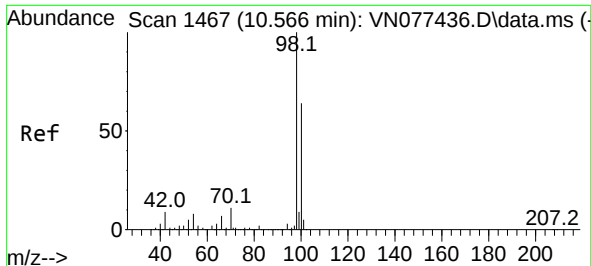
Ion Ratio Lower Upper

113 100

111 101.1 82.6 123.8

192 15.2 12.7 19.1

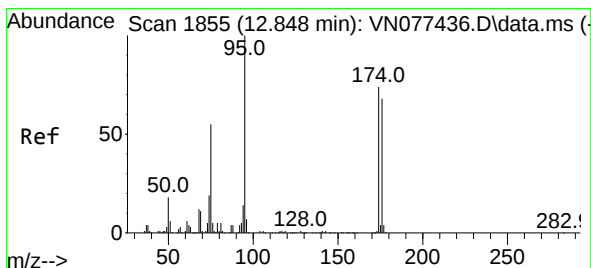
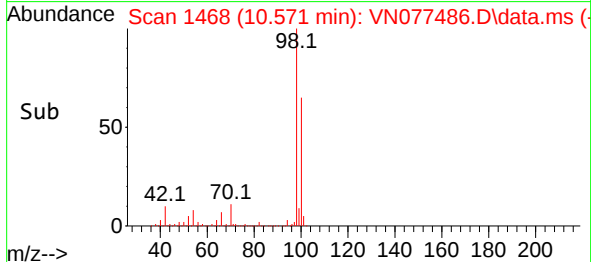
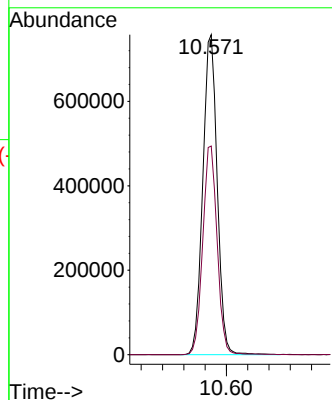
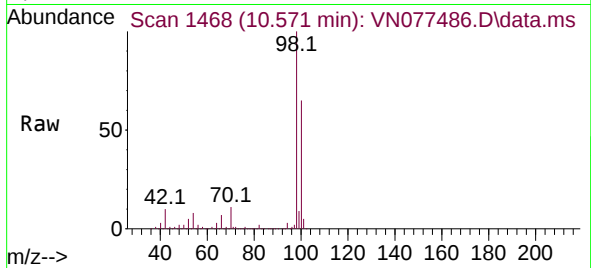




#50
Toluene-d8
Concen: 51.766 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077486.D
Acq: 27 Apr 2023 10:13

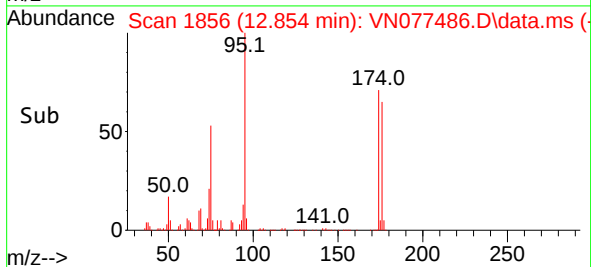
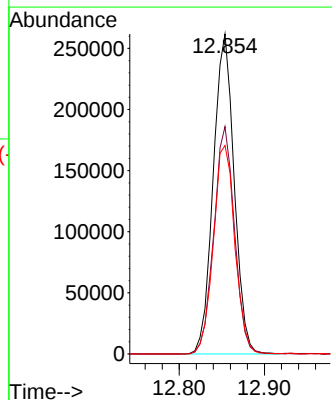
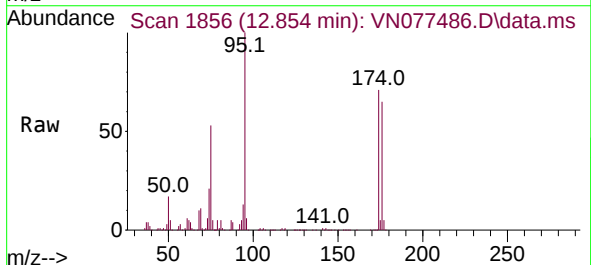
Instrument :
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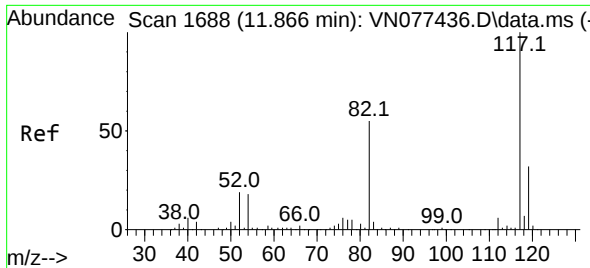
Tgt Ion: 98 Resp: 1419517
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.723 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077486.D
Acq: 27 Apr 2023 10:13

Tgt Ion: 95 Resp: 446096
Ion Ratio Lower Upper
95 100
174 70.3 0.0 143.8
176 67.1 0.0 135.8

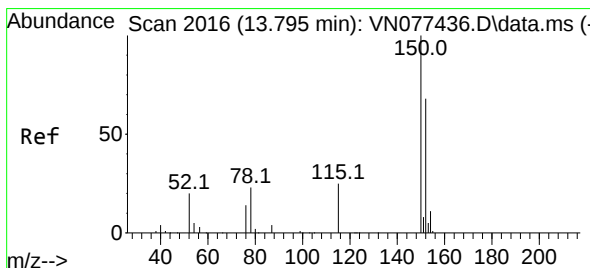
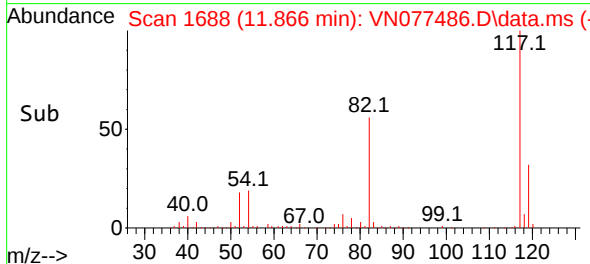
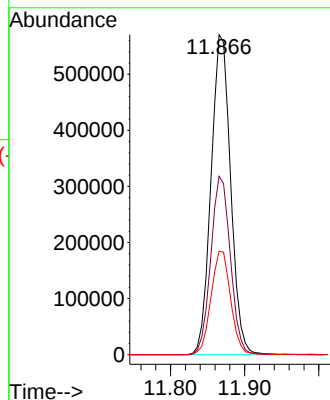
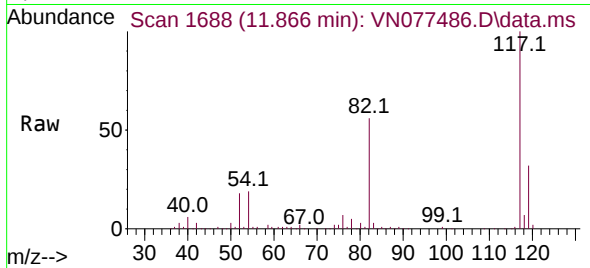




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077486.D
Acq: 27 Apr 2023 10:13

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBL01

Tgt Ion:117 Resp: 1046864
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 32.3 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: VN077486.D
Acq: 27 Apr 2023 10:13

Tgt Ion:152 Resp: 371011
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 159.3 0.0 355.8

