

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074515.D
 Acq On : 16 Sep 2022 17:11
 Operator : JC\MD
 Sample : N4508-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-090222

Quant Time: Sep 16 22:34:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	321033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	630459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	616819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	262480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	252592	46.372	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.740%
35) Dibromofluoromethane	7.951	113	207537	49.555	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.100%
50) Toluene-d8	10.380	98	772615	47.702	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.400%
62) 4-Bromofluorobenzene	12.674	95	296563	53.461	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.920%

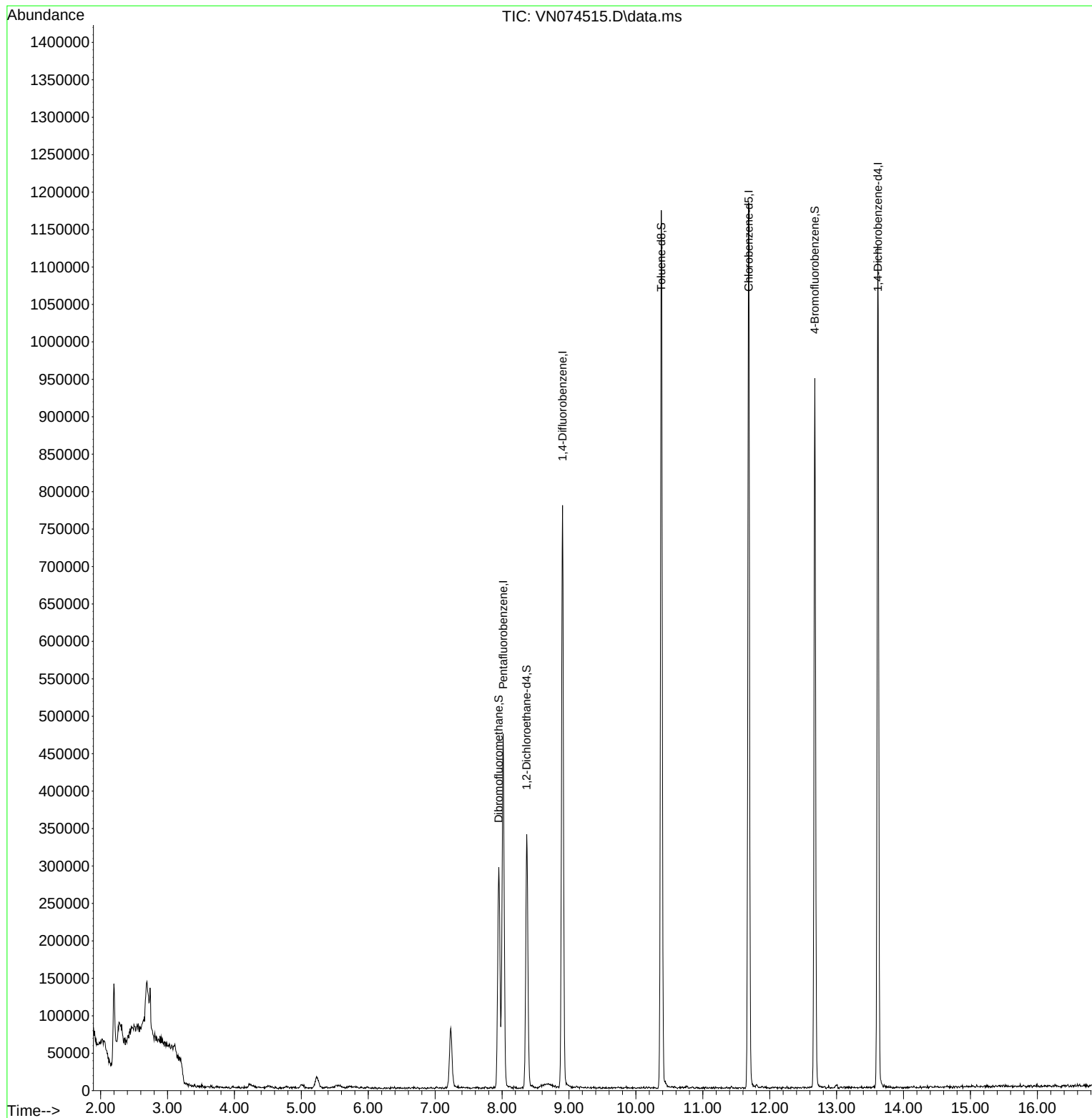
Target Compounds	Qvalue

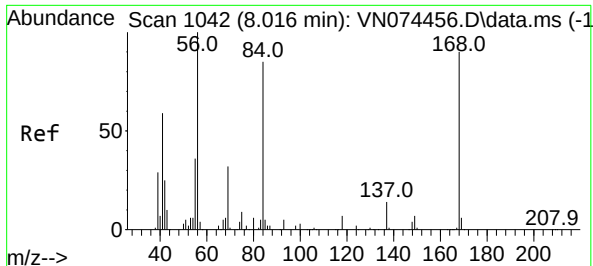
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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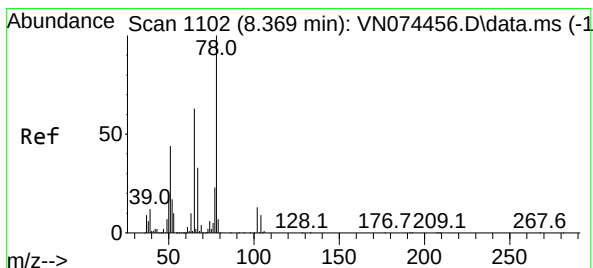
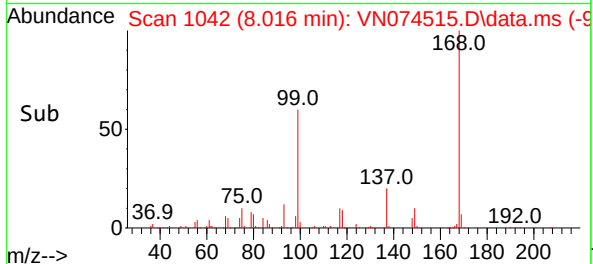
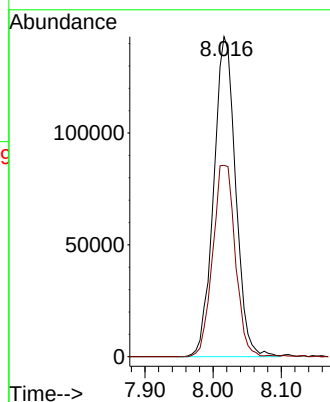
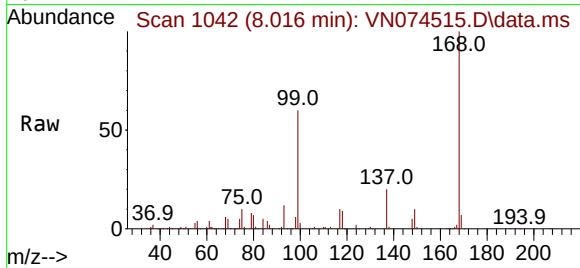




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074515.D
Acq: 16 Sep 2022 17:11

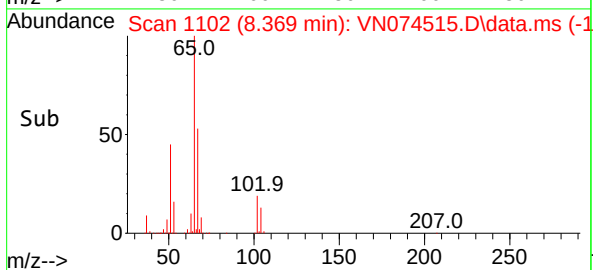
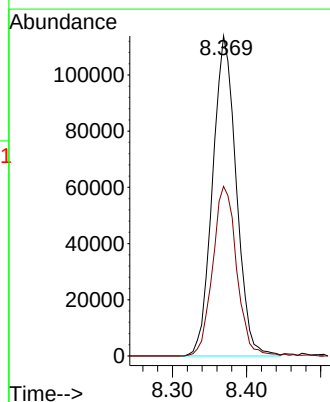
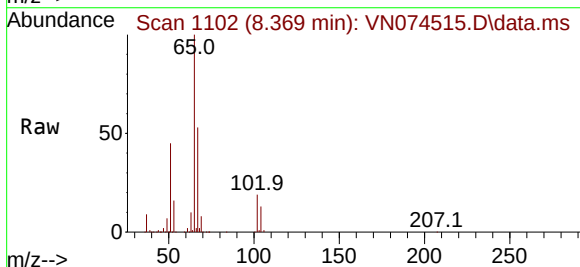
Instrument :
MSVOA_N
ClientSampleId :
FB-090222

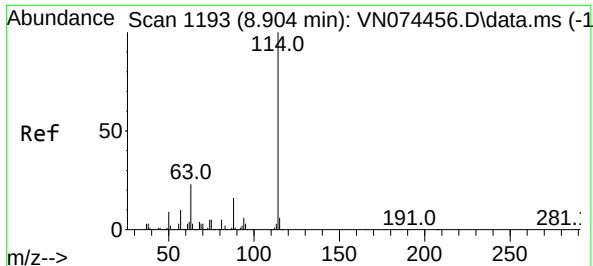
Tgt Ion:168 Resp: 321033
Ion Ratio Lower Upper
168 100
99 59.8 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 46.372 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074515.D
Acq: 16 Sep 2022 17:11

Tgt Ion: 65 Resp: 252592
Ion Ratio Lower Upper
65 100
67 53.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074515.D

Acq: 16 Sep 2022 17:11

Instrument :

MSVOA_N

ClientSampleId :

FB-090222

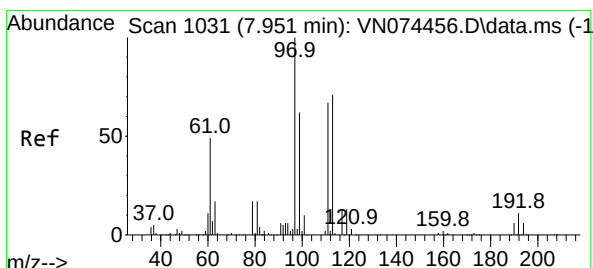
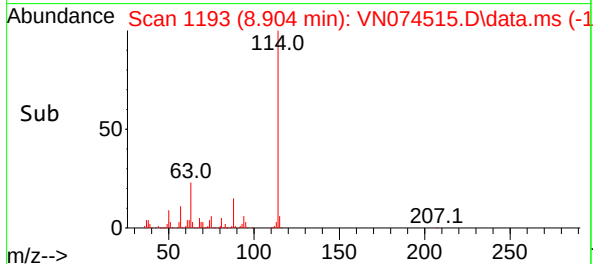
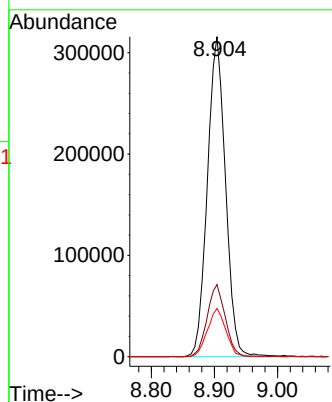
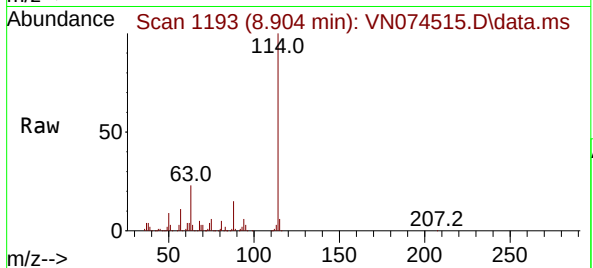
Tgt Ion:114 Resp: 630459

Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.0

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.555 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074515.D

Acq: 16 Sep 2022 17:11

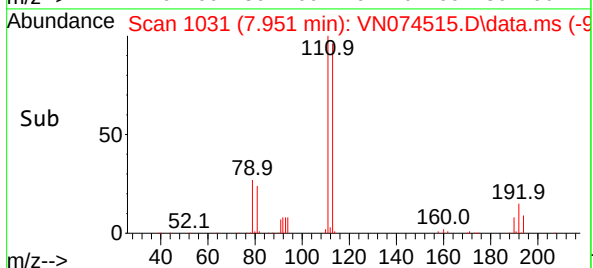
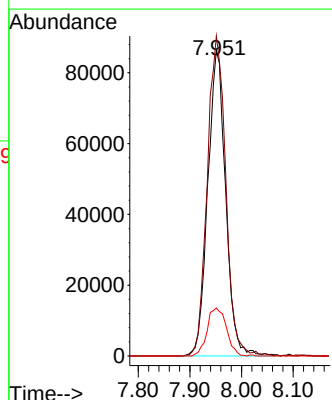
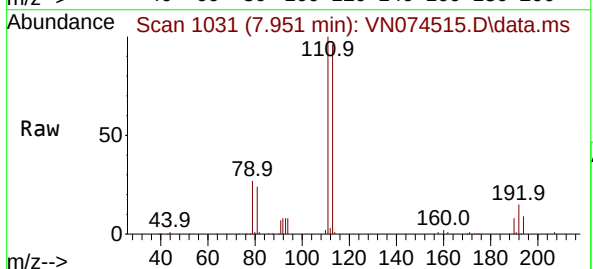
Tgt Ion:113 Resp: 207537

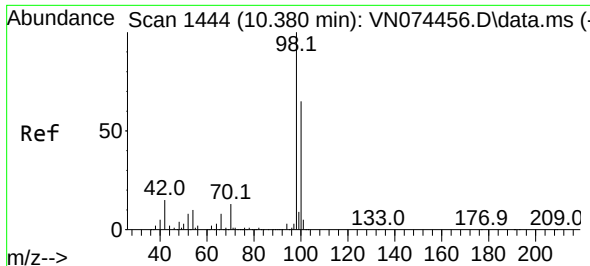
Ion Ratio Lower Upper

113 100

111 108.4 81.4 122.0

192 16.9 17.0 25.6#

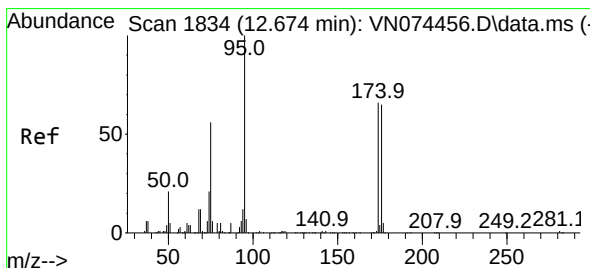
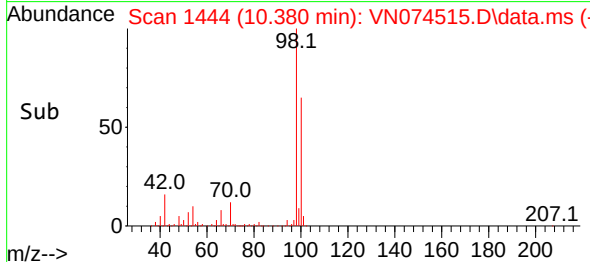
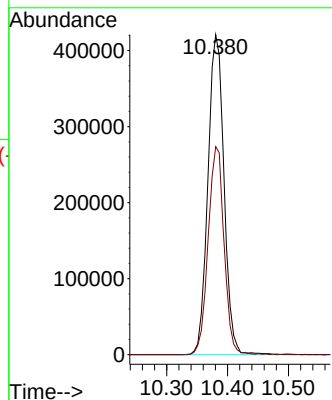
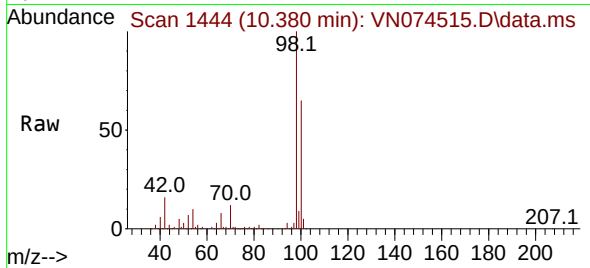




#50
Toluene-d8
Concen: 47.702 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074515.D
Acq: 16 Sep 2022 17:11

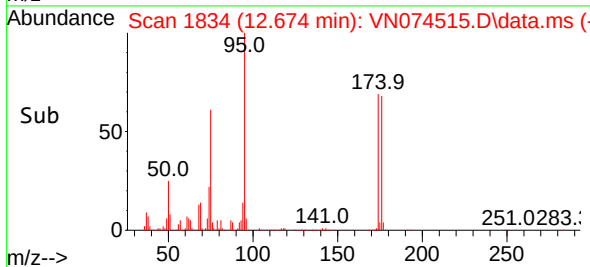
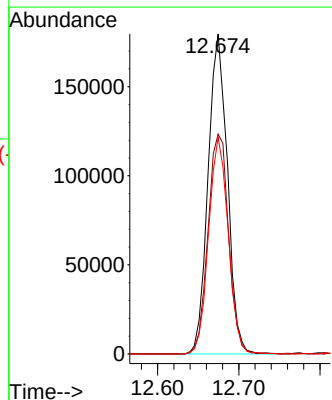
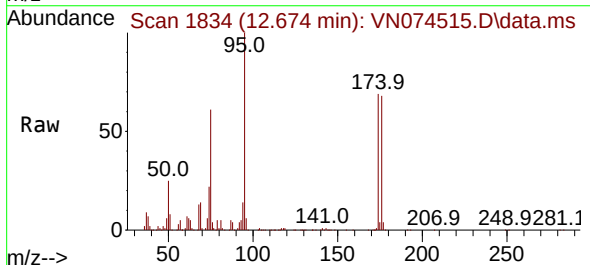
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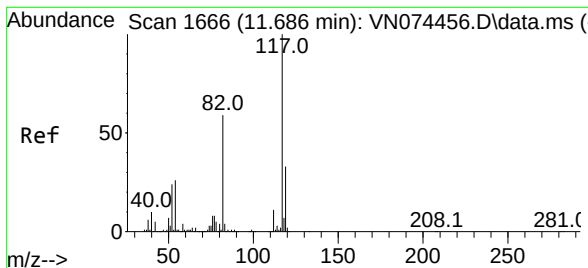
Tgt Ion: 98 Resp: 772615
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.461 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074515.D
Acq: 16 Sep 2022 17:11

Tgt Ion: 95 Resp: 296563
Ion Ratio Lower Upper
95 100
174 73.2 0.0 167.6
176 68.6 0.0 163.4

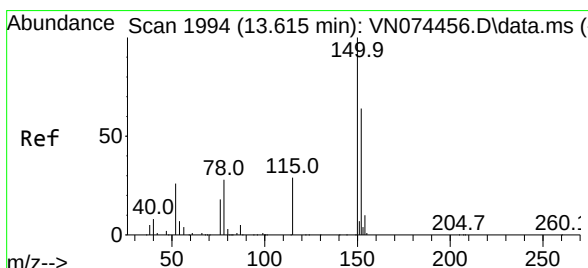
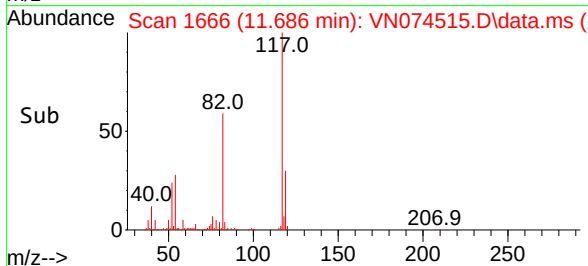
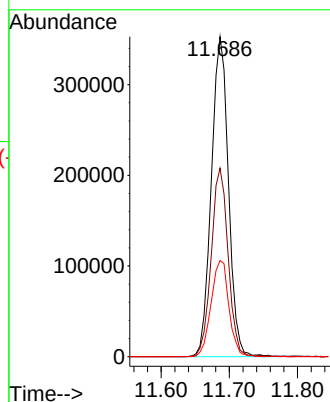
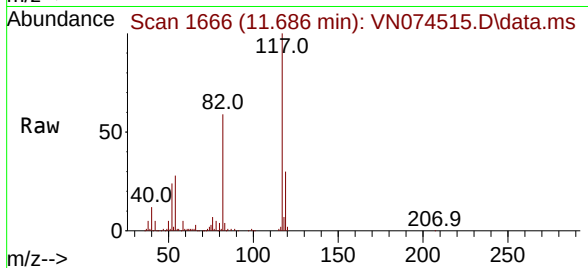




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074515.D
Acq: 16 Sep 2022 17:11

Instrument :
MSVOA_N
ClientSampleId :
FB-090222

Tgt Ion:117 Resp: 616819
Ion Ratio Lower Upper
117 100
82 58.9 44.2 66.2
119 30.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074515.D
Acq: 16 Sep 2022 17:11

Tgt Ion:152 Resp: 262480
Ion Ratio Lower Upper
152 100
115 62.9 28.9 86.7
150 159.1 0.0 356.2

