

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
 Data File : VN074590.D
 Acq On : 19 Sep 2022 16:52
 Operator : JC\MD
 Sample : N4680-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 5869-2

Quant Time: Sep 20 04:20:35 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	256480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	500321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	482656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	212031	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	205892	47.312	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.620%
35) Dibromofluoromethane	7.951	113	169674	51.052	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.100%
50) Toluene-d8	10.380	98	610464	47.494	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.980%
62) 4-Bromofluorobenzene	12.674	95	226731	51.504	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.000%

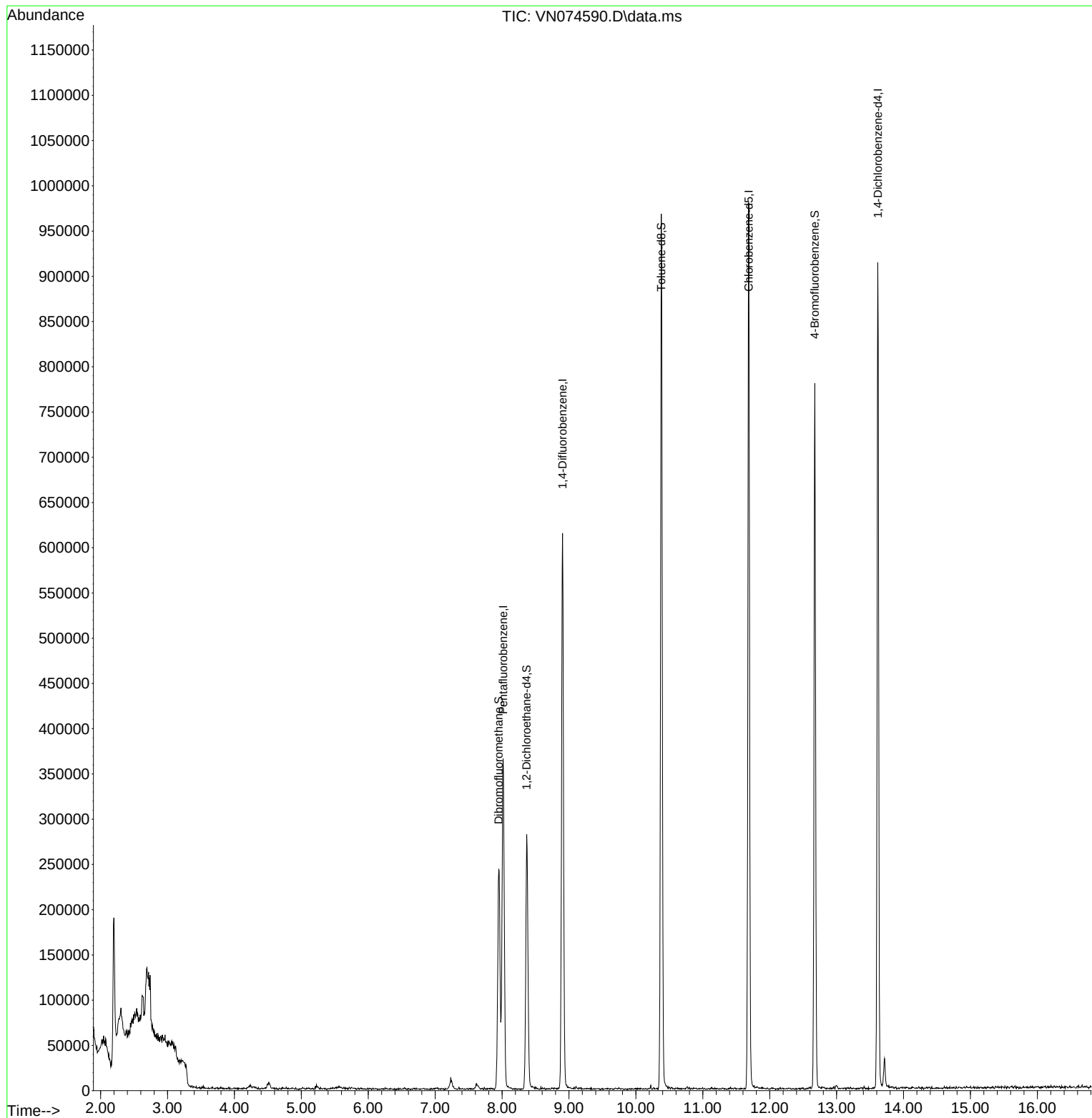
Target Compounds	Qvalue

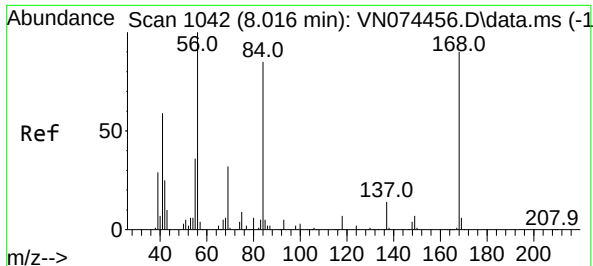
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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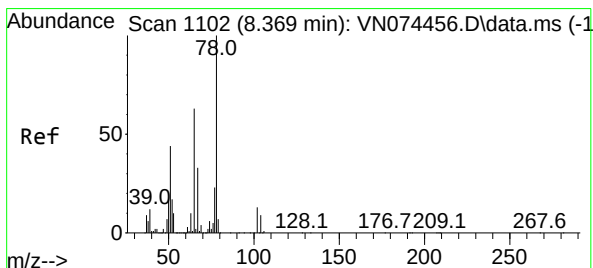
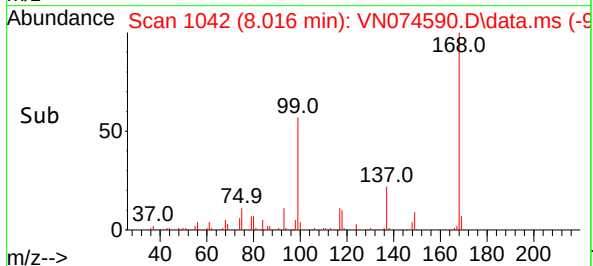
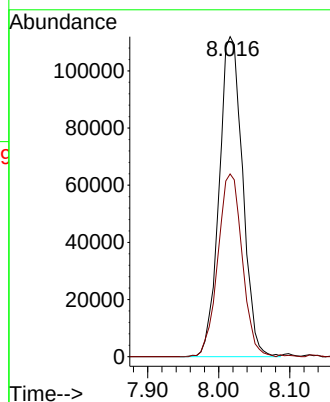
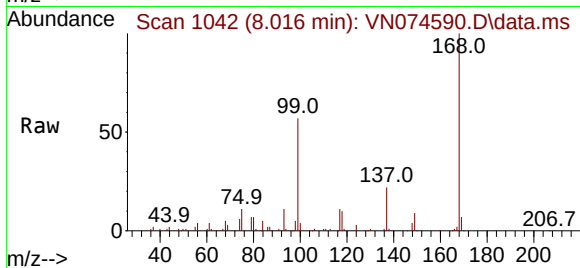




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074590.D
Acq: 19 Sep 2022 16:52

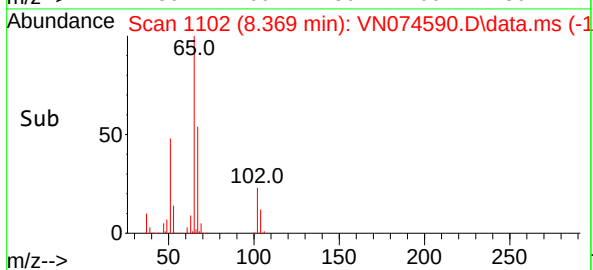
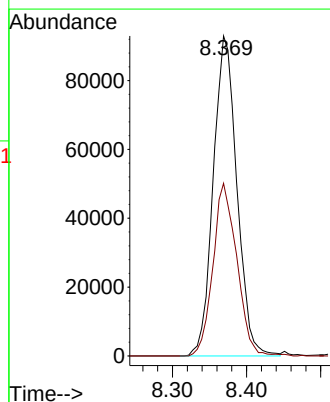
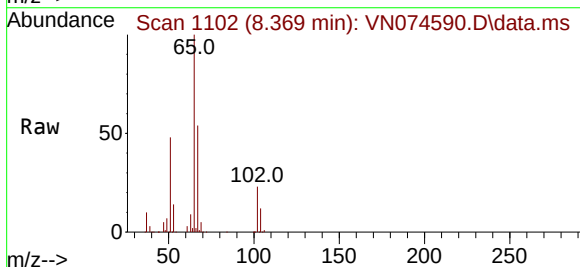
Instrument :
MSVOA_N
ClientSampleId :
5869-2

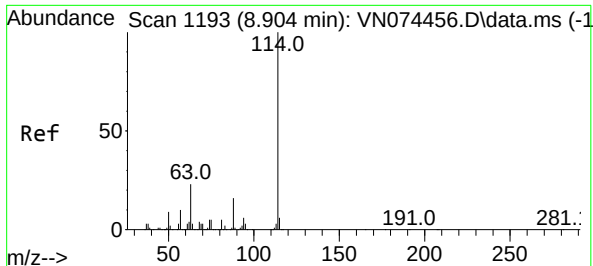
Tgt Ion:168 Resp: 256480
Ion Ratio Lower Upper
168 100
99 57.1 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 47.312 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074590.D
Acq: 19 Sep 2022 16:52

Tgt Ion: 65 Resp: 205892
Ion Ratio Lower Upper
65 100
67 54.4 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: VN074590.D

Acq: 19 Sep 2022 16:52

Instrument :

MSVOA_N

ClientSampleId :

5869-2

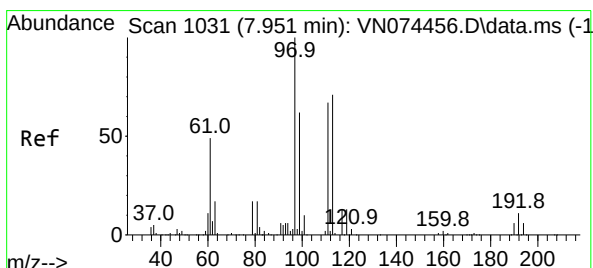
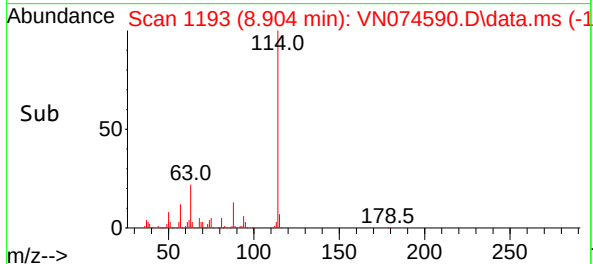
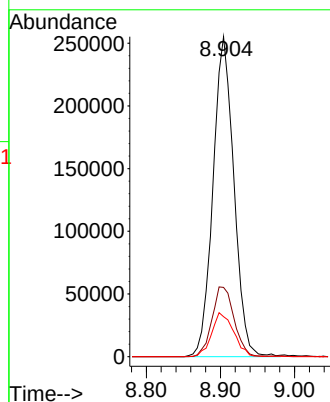
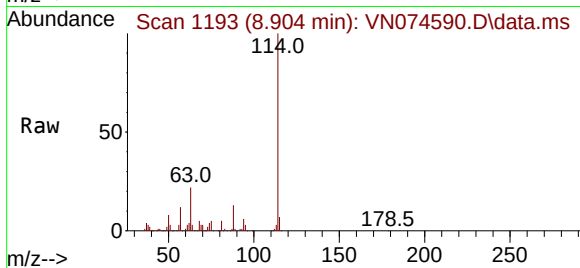
Tgt Ion:114 Resp: 500321

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 12.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.052 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074590.D

Acq: 19 Sep 2022 16:52

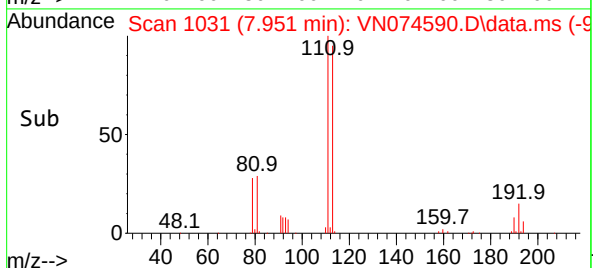
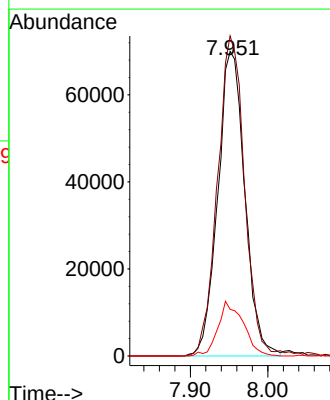
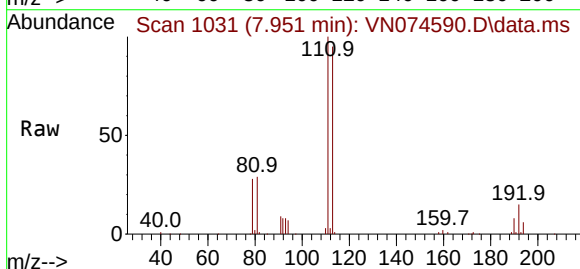
Tgt Ion:113 Resp: 169674

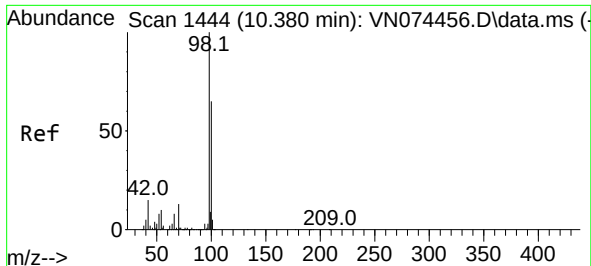
Ion Ratio Lower Upper

113 100

111 105.4 81.4 122.0

192 16.9 17.0 25.6#

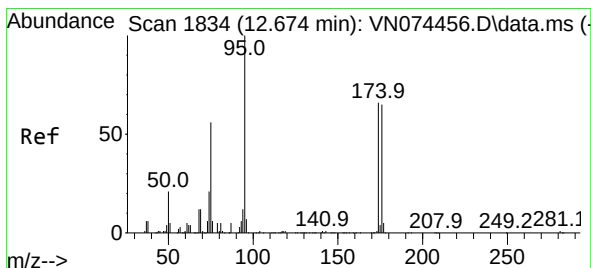
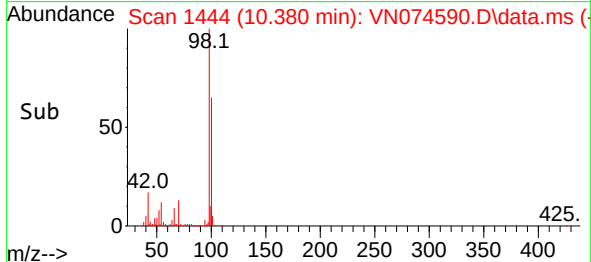
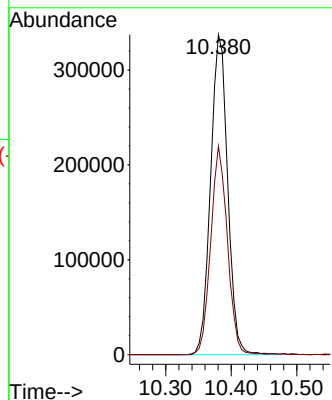
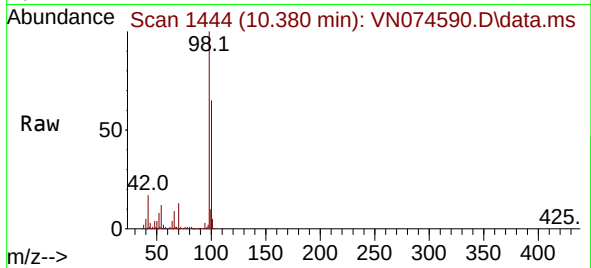




#50
Toluene-d8
Concen: 47.494 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074590.D
Acq: 19 Sep 2022 16:52

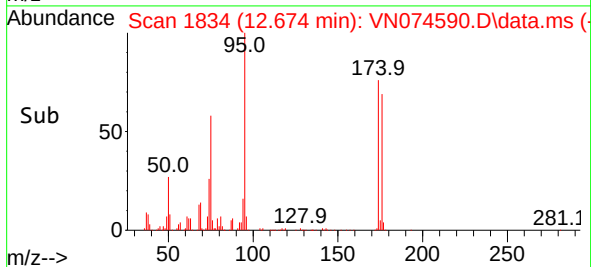
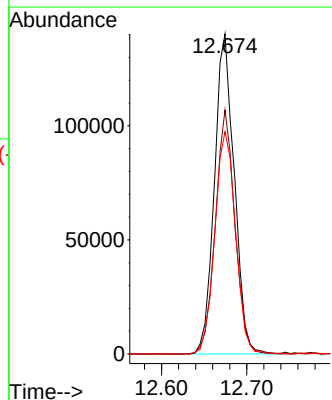
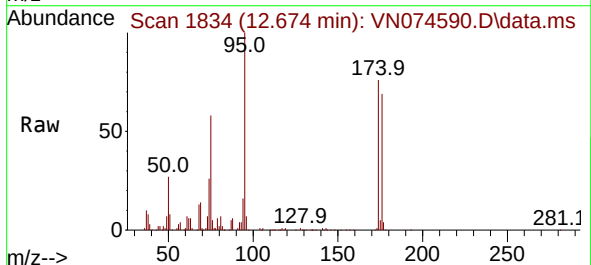
Instrument :
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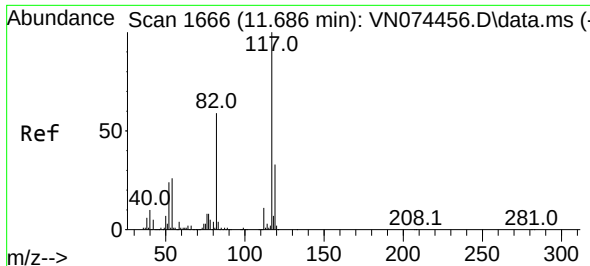
Tgt Ion: 98 Resp: 610464
Ion Ratio Lower Upper
98 100
100 63.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.504 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074590.D
Acq: 19 Sep 2022 16:52

Tgt Ion: 95 Resp: 226731
Ion Ratio Lower Upper
95 100
174 75.2 0.0 167.6
176 72.5 0.0 163.4

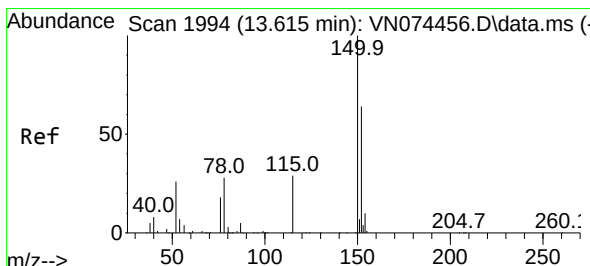
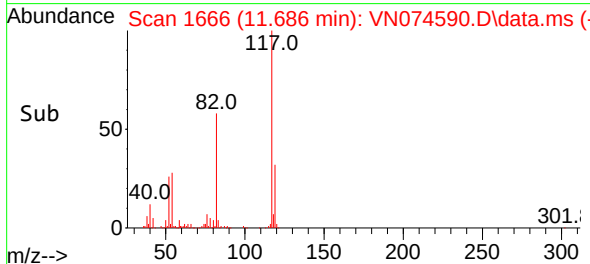
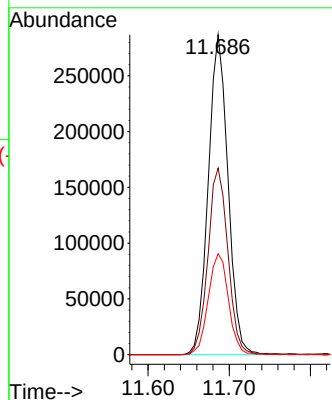
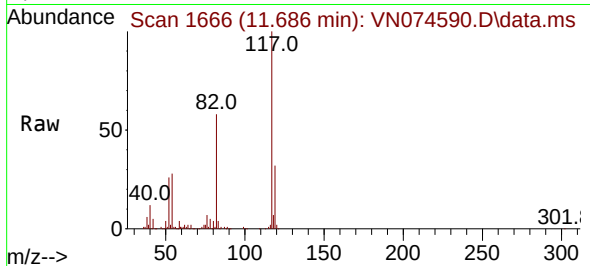




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074590.D
Acq: 19 Sep 2022 16:52

Instrument :
MSVOA_N
ClientSampleId :
5869-2

Tgt Ion:117 Resp: 482656
Ion Ratio Lower Upper
117 100
82 58.3 44.2 66.2
119 31.6 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: VN074590.D
Acq: 19 Sep 2022 16:52

Tgt Ion:152 Resp: 212031
Ion Ratio Lower Upper
152 100
115 59.8 28.9 86.7
150 156.9 0.0 356.2

