

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074495.D
 Acq On : 16 Sep 2022 05:42
 Operator : JC\MD
 Sample : N4551-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 251032-2

Quant Time: Sep 16 07:02:31 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	370873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	732931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	694715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	304317	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	269669	42.854	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.700%
35) Dibromofluoromethane	7.951	113	228522	46.937	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.880%
50) Toluene-d8	10.380	98	814011	43.231	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.460%
62) 4-Bromofluorobenzene	12.674	95	315307	48.893	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.780%

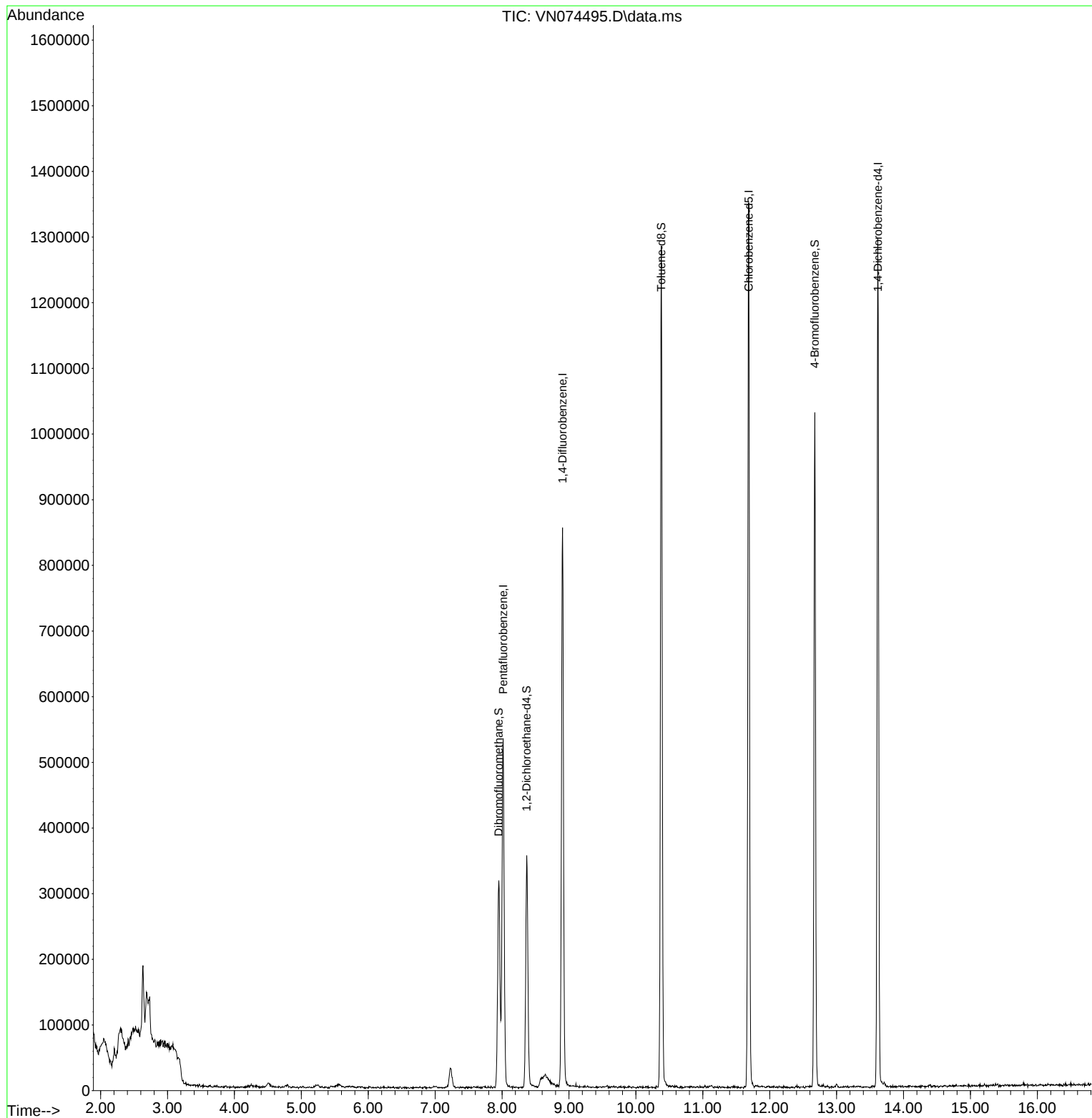
Target Compounds	Qvalue

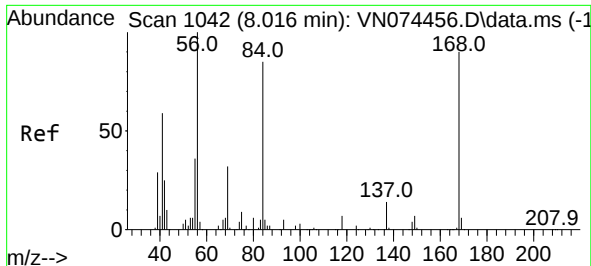
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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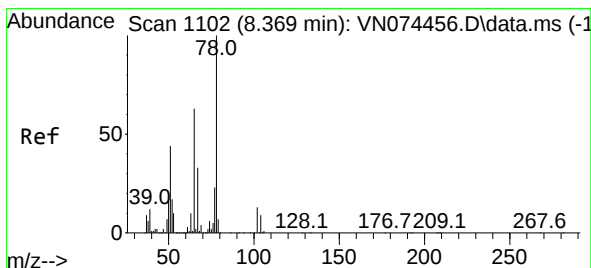
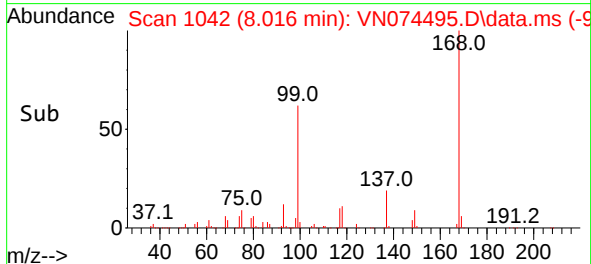
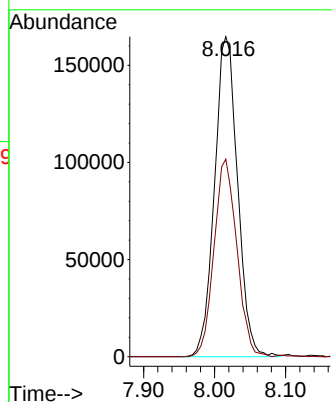
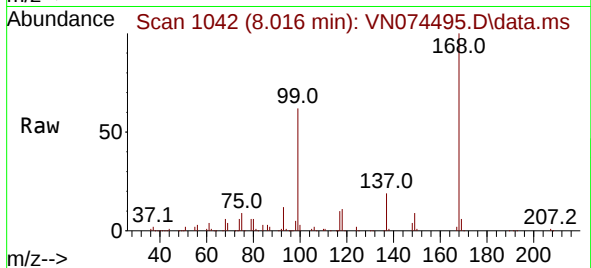




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

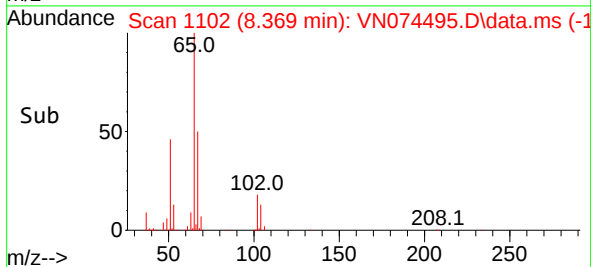
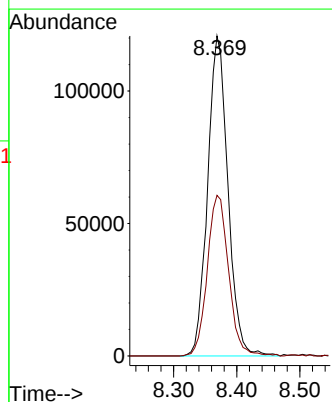
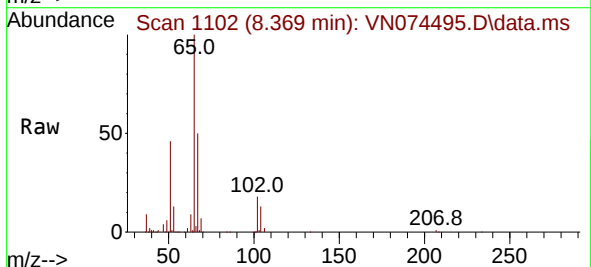
Instrument :
MSVOA_N
ClientSampleId :
251032-2

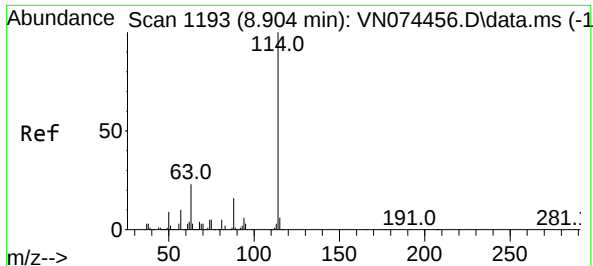
Tgt Ion:168 Resp: 370873
Ion Ratio Lower Upper
168 100
99 61.8 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 42.854 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

Tgt Ion: 65 Resp: 269669
Ion Ratio Lower Upper
65 100
67 52.8 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: VN074495.D

Acq: 16 Sep 2022 05:42

Instrument :

MSVOA_N

ClientSampleId :

251032-2

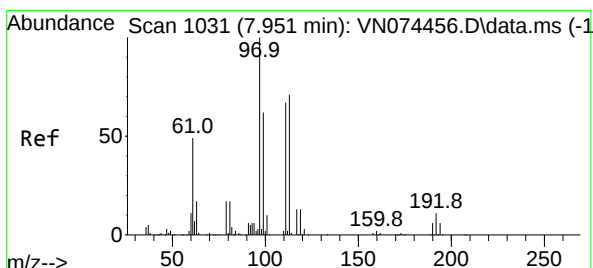
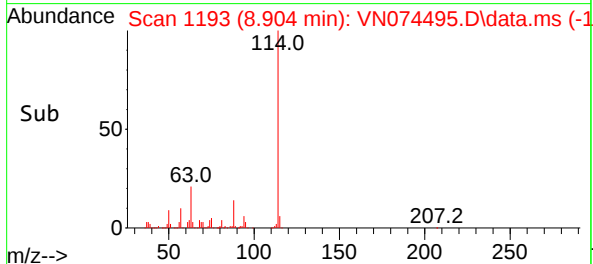
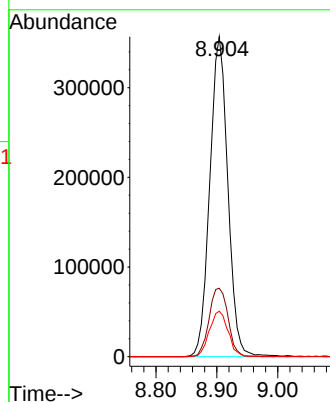
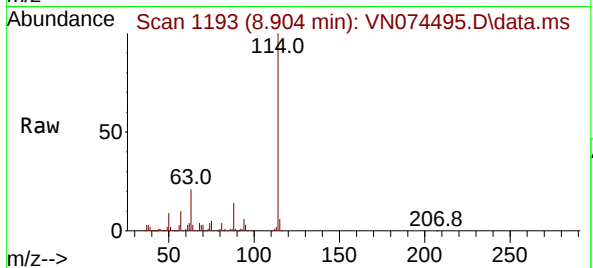
Tgt Ion:114 Resp: 732931

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 14.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.937 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074495.D

Acq: 16 Sep 2022 05:42

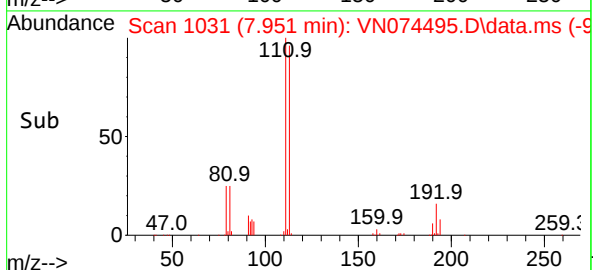
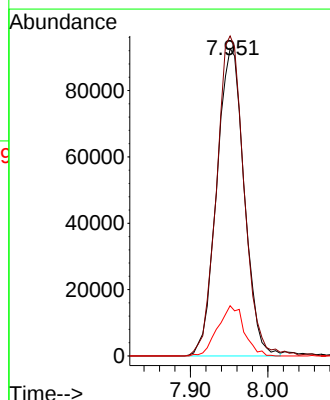
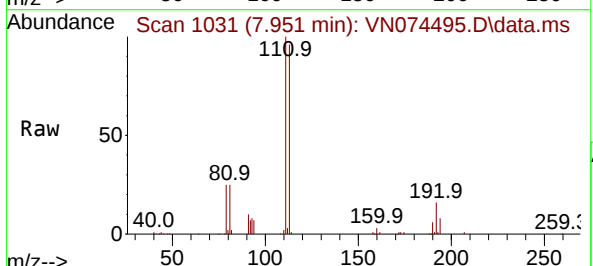
Tgt Ion:113 Resp: 228522

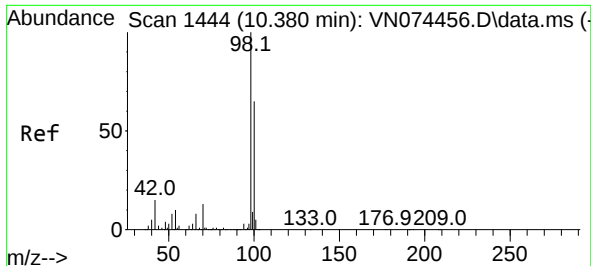
Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 15.7 17.0 25.6#

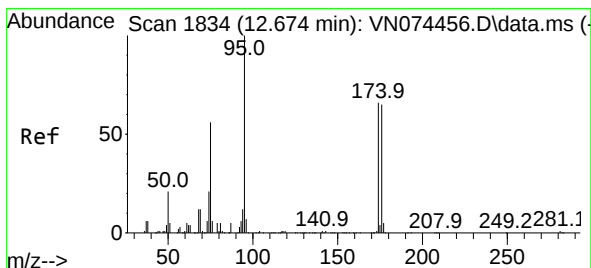
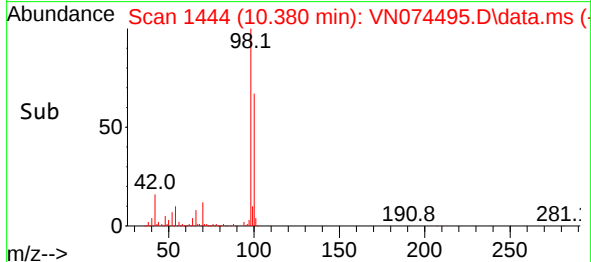
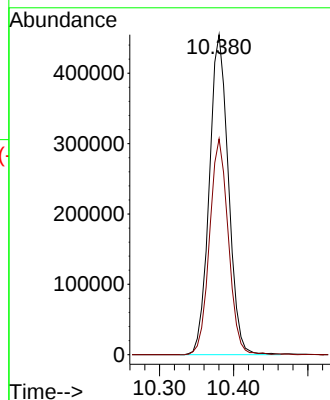
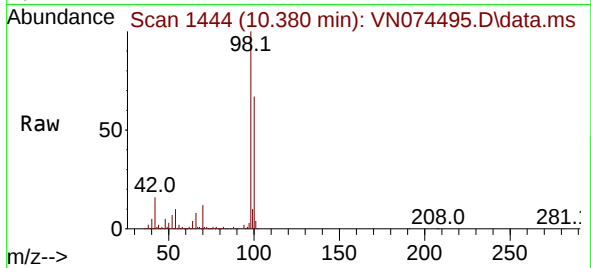




#50
Toluene-d8
Concen: 43.231 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

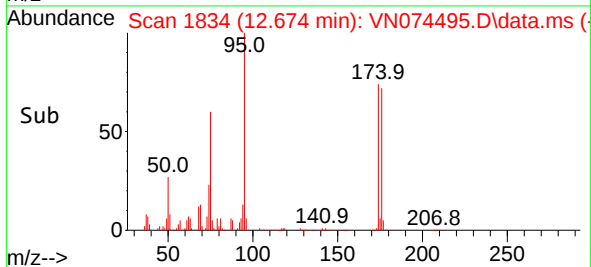
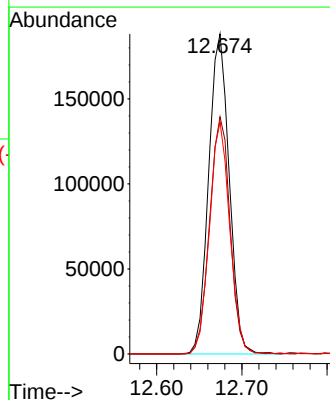
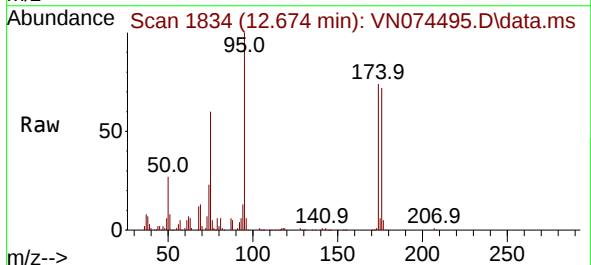
Instrument :
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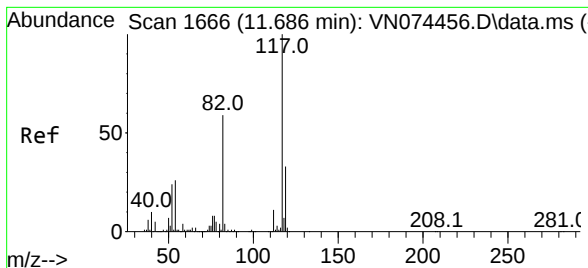
Tgt Ion: 98 Resp: 814011
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.893 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

Tgt Ion: 95 Resp: 315307
Ion Ratio Lower Upper
95 100
174 74.1 0.0 167.6
176 71.7 0.0 163.4

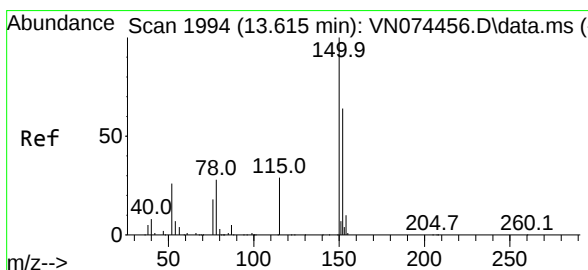
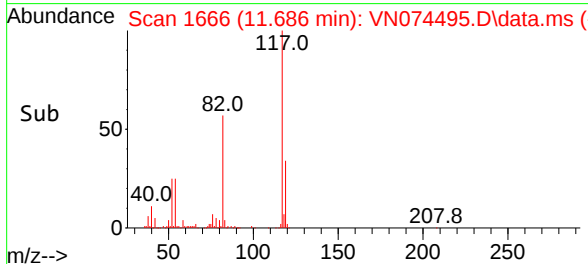
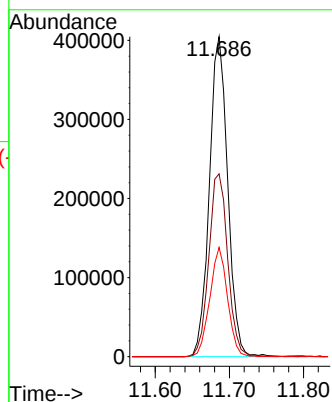
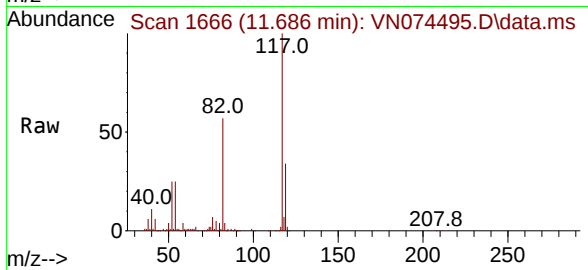




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

Instrument :
MSVOA_N
ClientSampleId :
251032-2

Tgt Ion:117 Resp: 694715
Ion Ratio Lower Upper
117 100
82 57.1 44.2 66.2
119 34.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

Tgt Ion:152 Resp: 304317
Ion Ratio Lower Upper
152 100
115 61.4 28.9 86.7
150 160.5 0.0 356.2

