

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
 Data File : VN074593.D
 Acq On : 19 Sep 2022 18:06
 Operator : JC\MD
 Sample : N4686-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 5486-1

Quant Time: Sep 20 04:21:03 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	227673	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	443186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	449413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	195406	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	181569	47.002	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.000%
35) Dibromofluoromethane	7.951	113	151219	51.365	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.740%
50) Toluene-d8	10.381	98	547584	48.095	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.180%
62) 4-Bromofluorobenzene	12.675	95	207218	53.140	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.280%

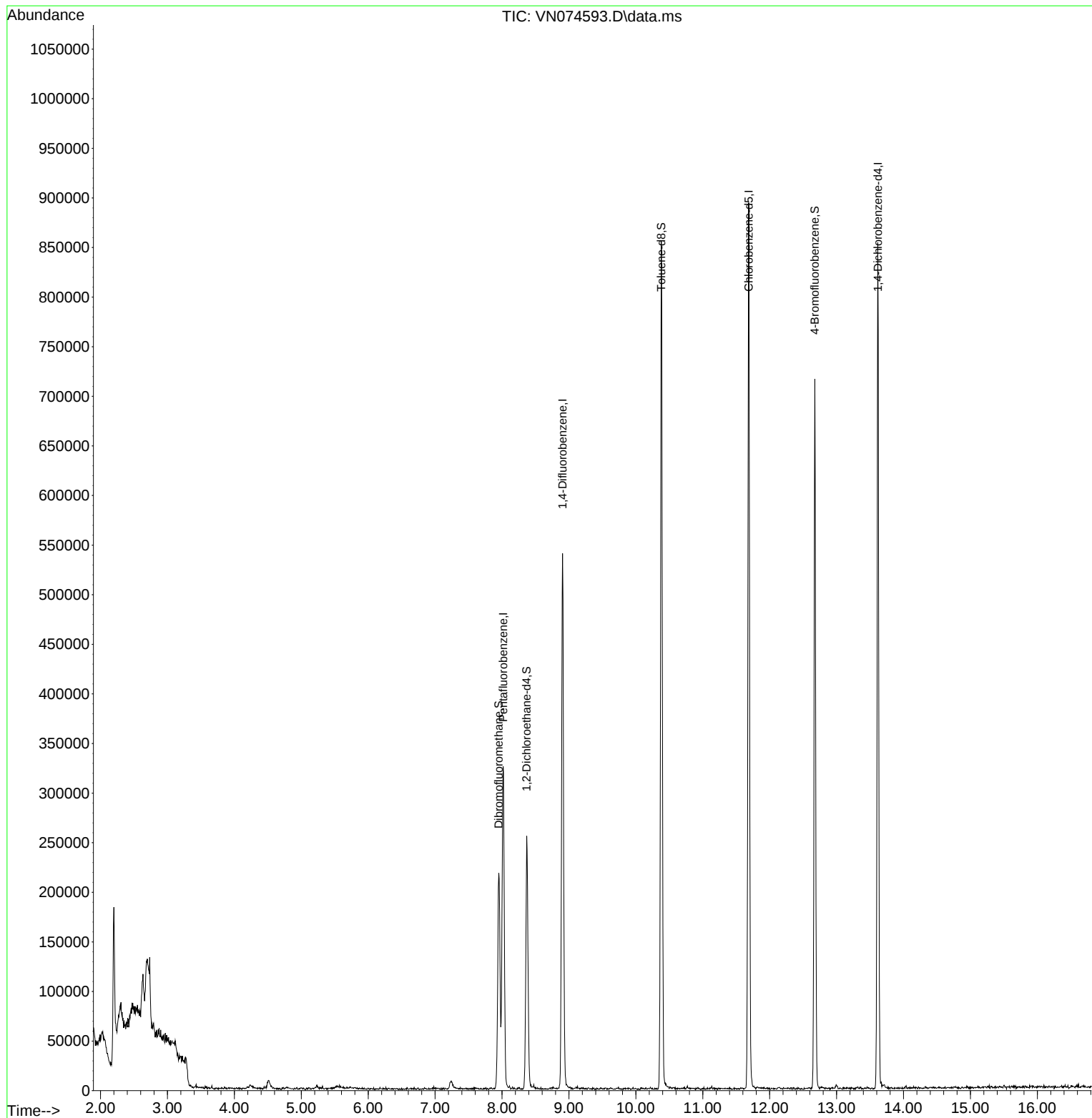
Target Compounds	Qvalue

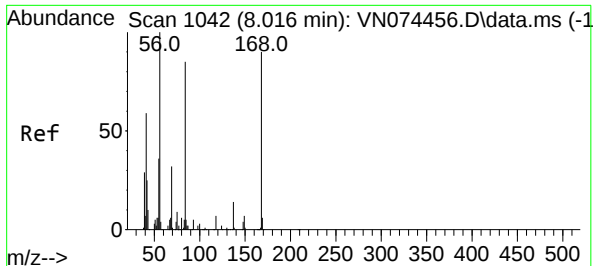
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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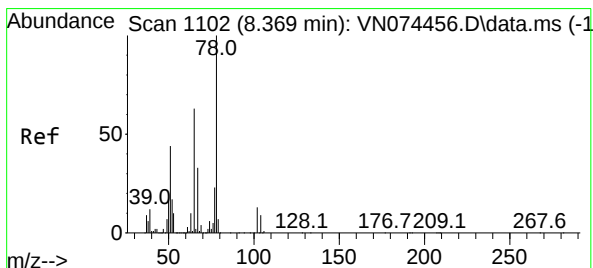
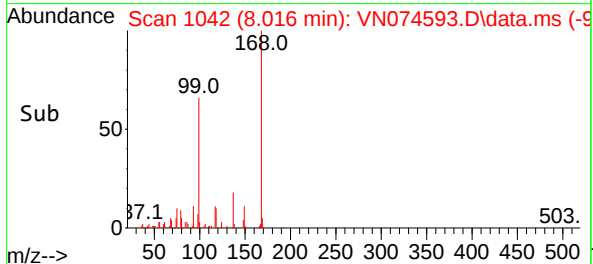
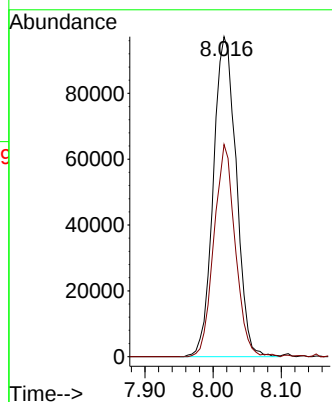
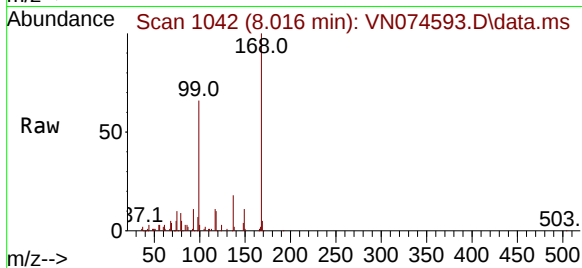




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

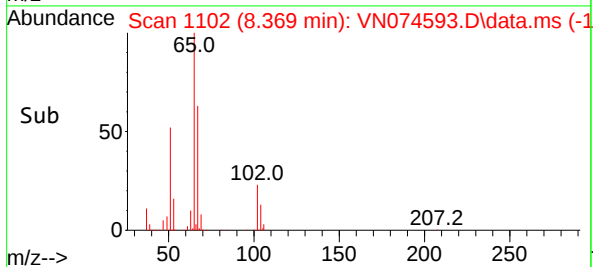
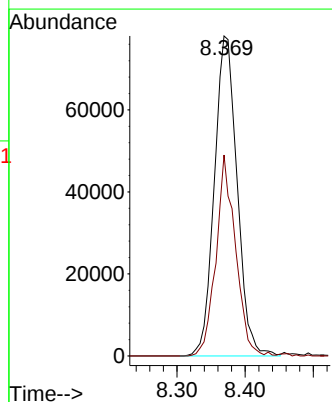
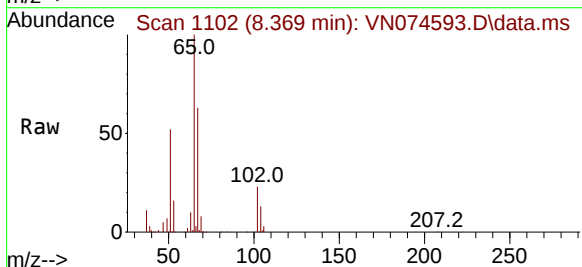
Instrument :
MSVOA_N
ClientSampleId :
5486-1

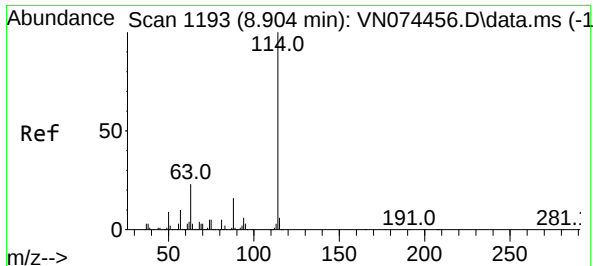
Tgt Ion:168 Resp: 227673
Ion Ratio Lower Upper
168 100
99 66.3 42.3 63.5#



#33
1,2-Dichloroethane-d4
Concen: 47.002 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

Tgt Ion: 65 Resp: 181569
Ion Ratio Lower Upper
65 100
67 53.9 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: VN074593.D

Acq: 19 Sep 2022 18:06

Instrument :

MSVOA_N

ClientSampleId :

5486-1

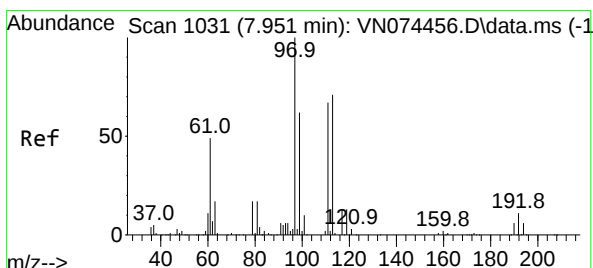
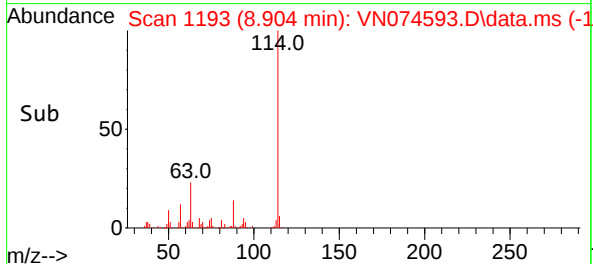
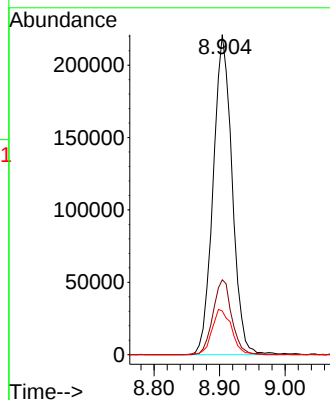
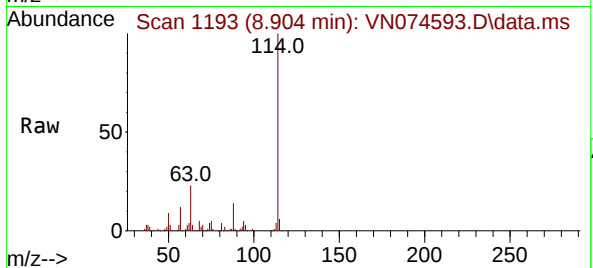
Tgt Ion:114 Resp: 443186

Ion Ratio Lower Upper

114 100

63 23.4 0.0 40.0

88 13.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.365 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074593.D

Acq: 19 Sep 2022 18:06

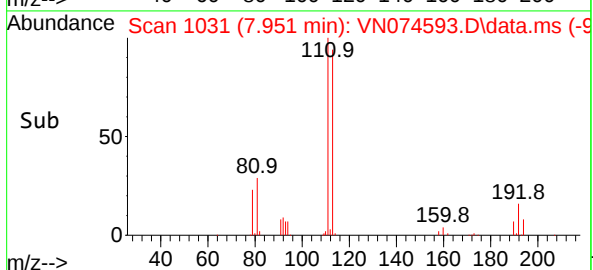
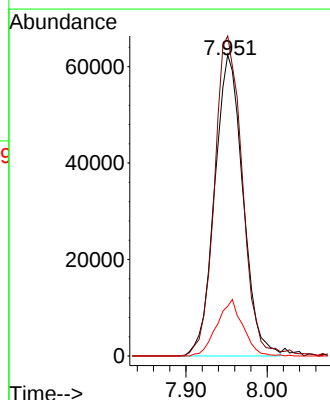
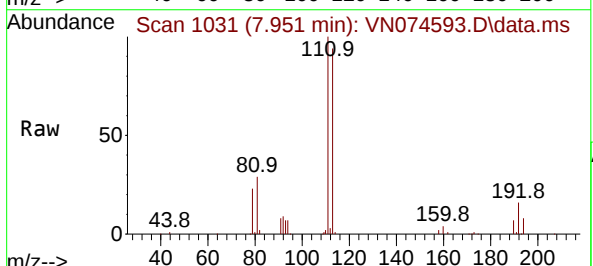
Tgt Ion:113 Resp: 151219

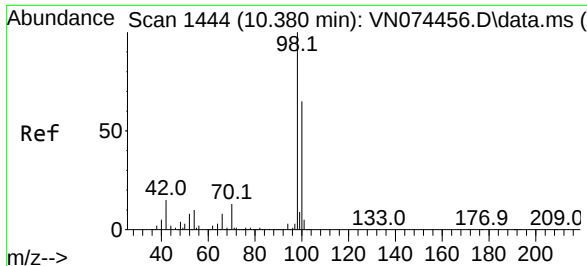
Ion Ratio Lower Upper

113 100

111 105.2 81.4 122.0

192 17.2 17.0 25.6

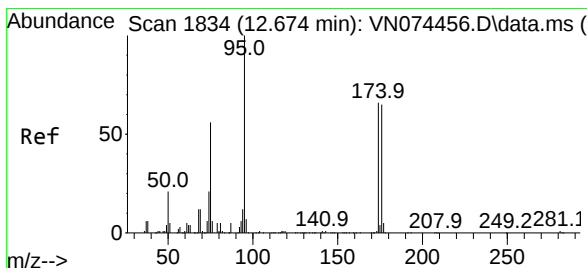
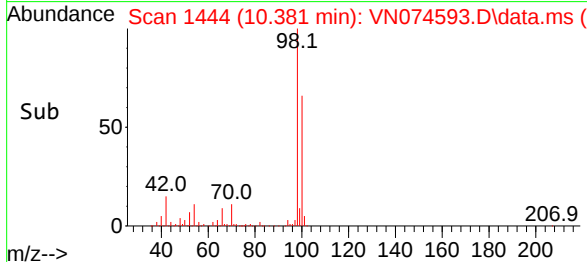
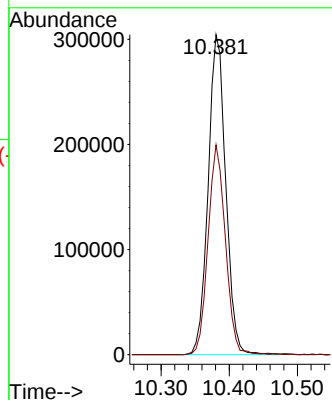
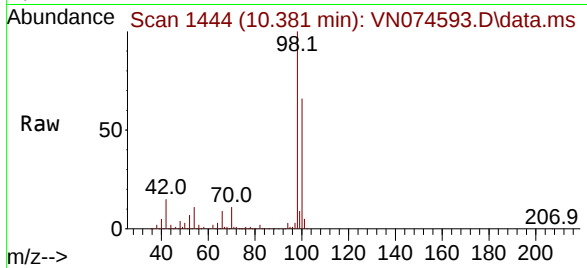




#50
Toluene-d8
Concen: 48.095 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

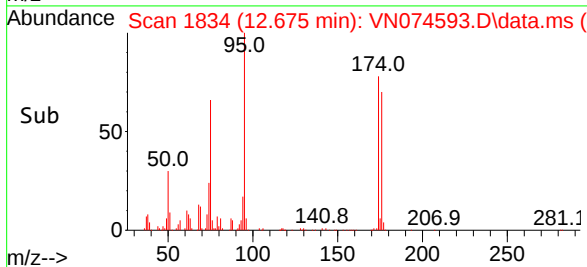
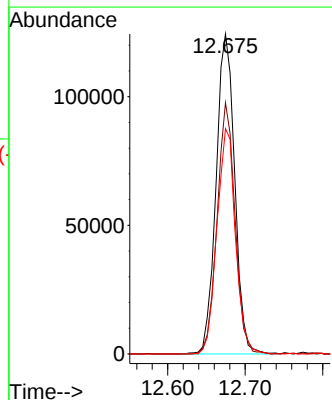
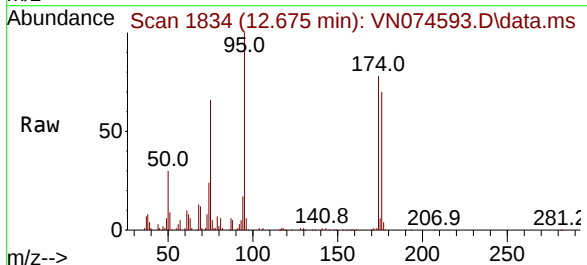
Instrument :
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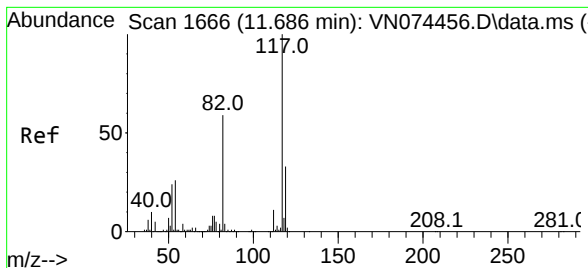
Tgt Ion: 98 Resp: 547584
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.140 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

Tgt Ion: 95 Resp: 207218
Ion Ratio Lower Upper
95 100
174 75.5 0.0 167.6
176 70.2 0.0 163.4

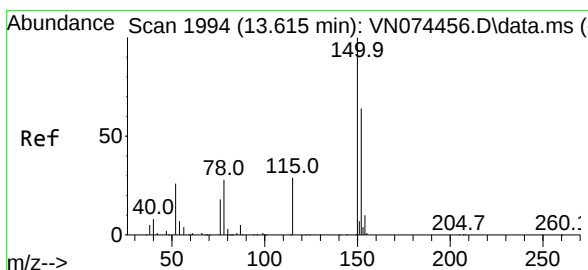
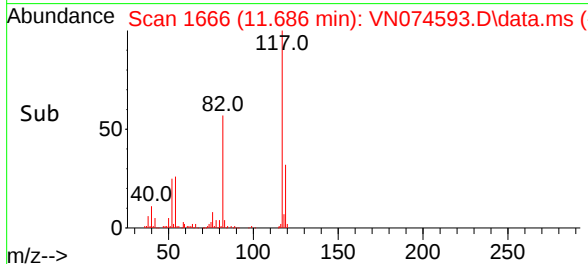
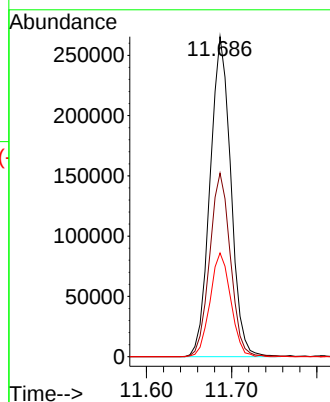
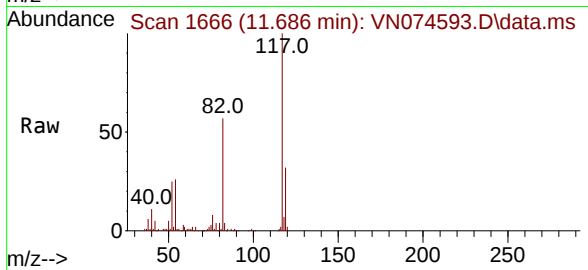




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

Instrument :
MSVOA_N
ClientSampleId :
5486-1

Tgt Ion:117 Resp: 449413
Ion Ratio Lower Upper
117 100
82 57.4 44.2 66.2
119 32.4 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: VN074593.D
Acq: 19 Sep 2022 18:06

Tgt Ion:152 Resp: 195406
Ion Ratio Lower Upper
152 100
115 58.4 28.9 86.7
150 160.0 0.0 356.2

