

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070074.D
 Acq On : 14 Dec 2021 16:26
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 15 05:18:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1130850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2137345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2444733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	993995	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	897971	51.429	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.860%
35) Dibromofluoromethane	8.021	113	613426	45.820	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.640%
50) Toluene-d8	10.443	98	2831216	52.667	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.340%
62) 4-Bromofluorobenzene	12.733	95	1208339	62.046	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	124.100%

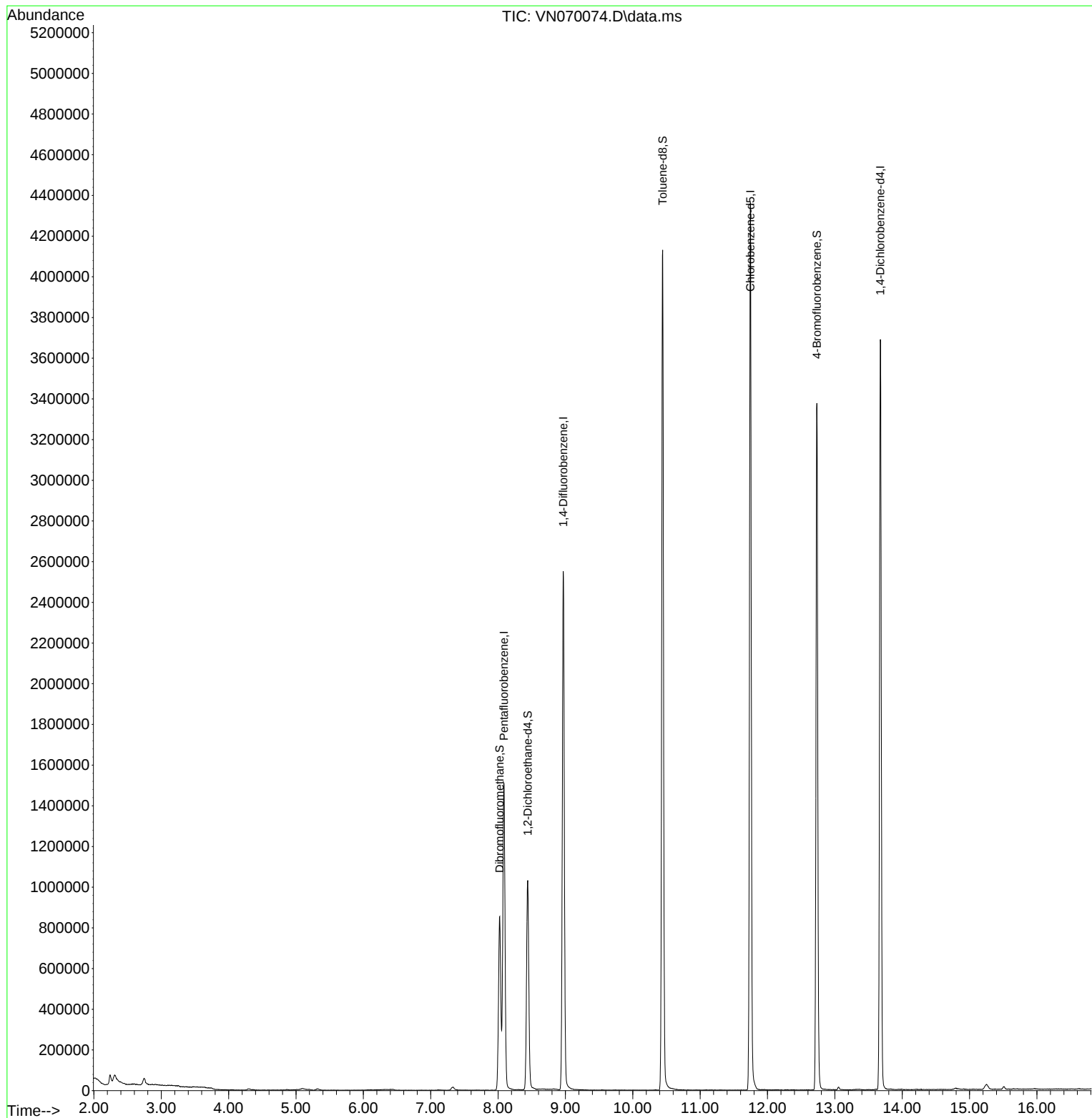
Target Compounds	Qvalue

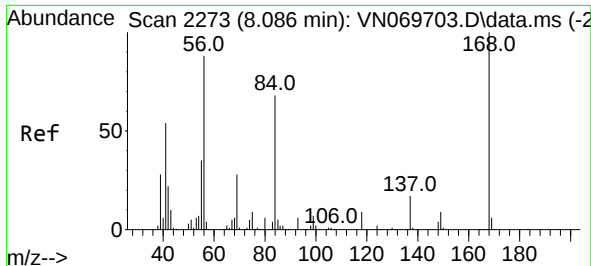
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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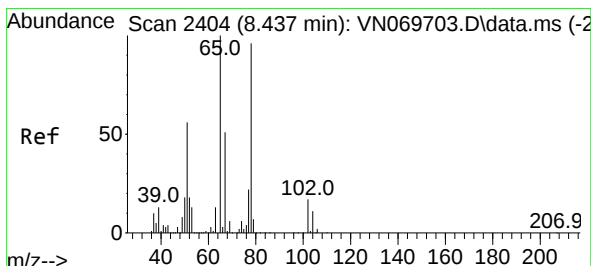
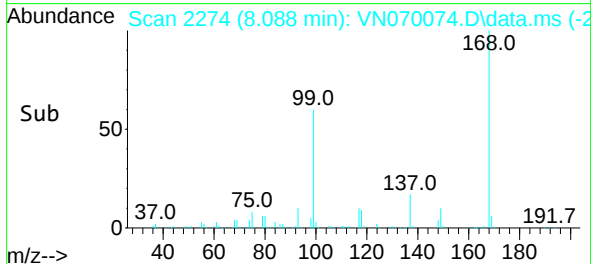
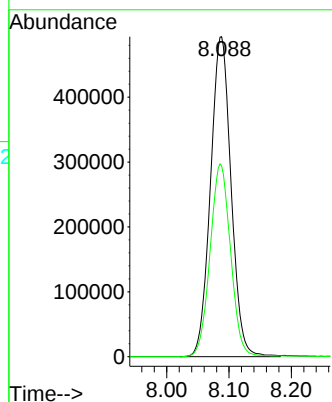
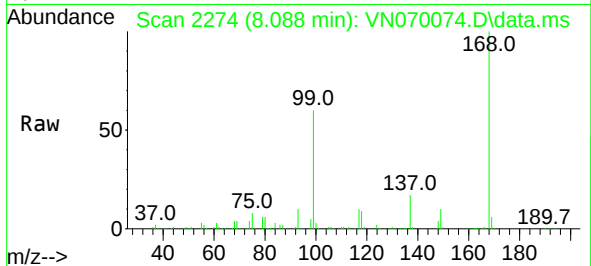




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

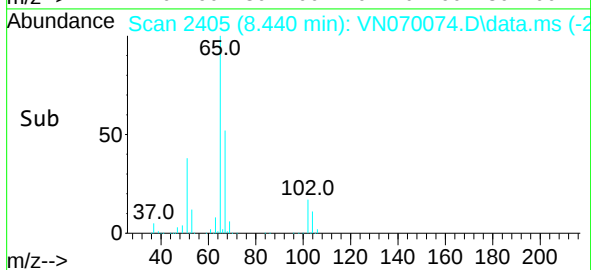
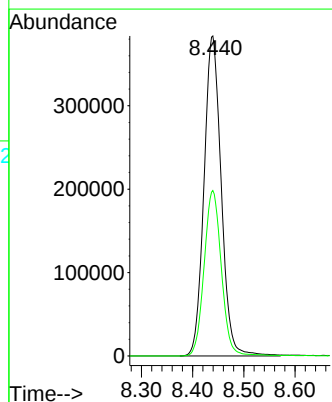
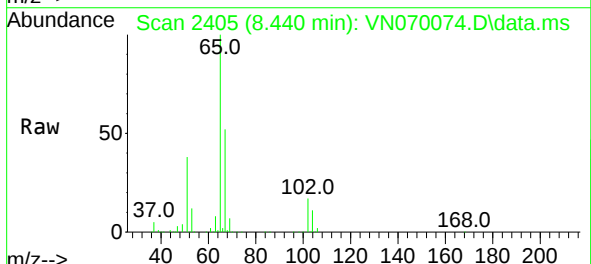
Instrument :
MSVOA_N
ClientSampleId :
IBLK

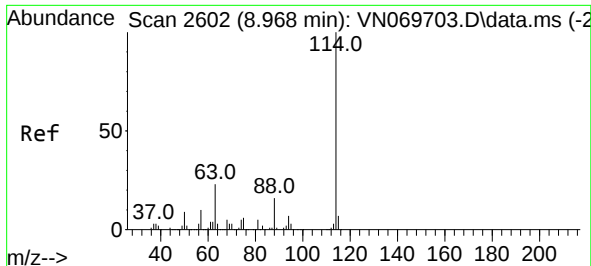
Tgt Ion:168 Resp: 1130850
Ion Ratio Lower Upper
168 100
99 59.5 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 51.429 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

Tgt Ion: 65 Resp: 897971
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0

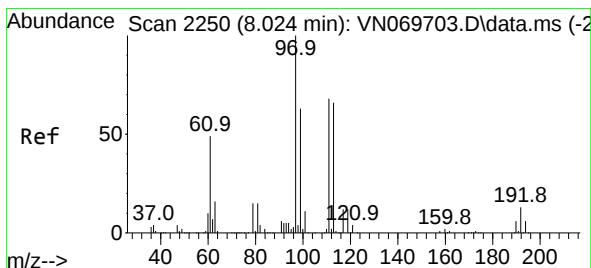
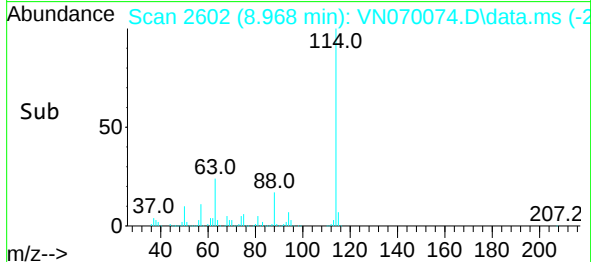
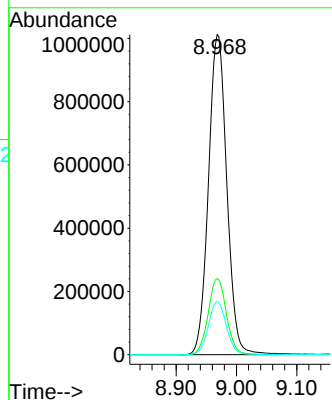
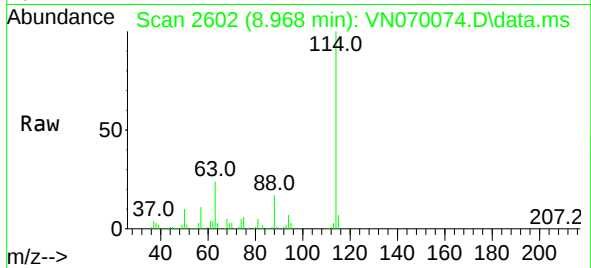




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2137345
Delta R.T. -0.000 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

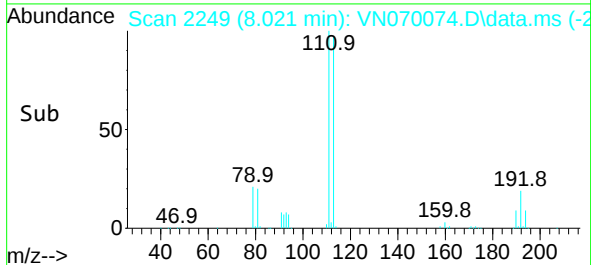
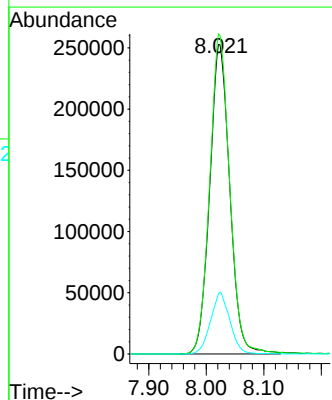
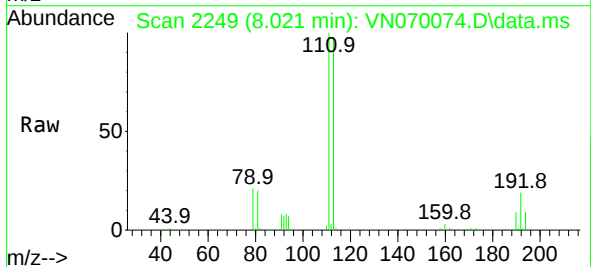
Instrument :
MSVOA_N
ClientSampleId :
IBLK

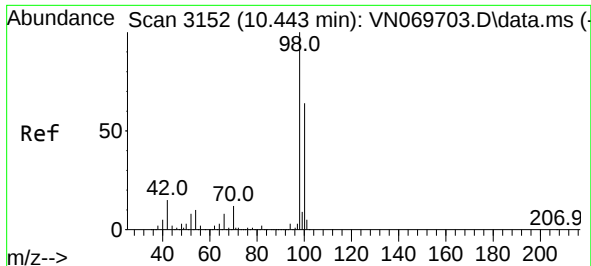
Tgt Ion:114 Resp: 2137345
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 16.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 45.820 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

Tgt Ion:113 Resp: 613426
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 19.1 16.9 25.3

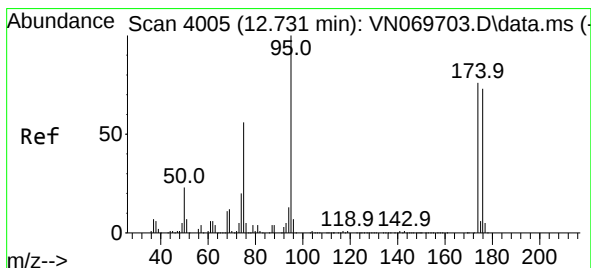
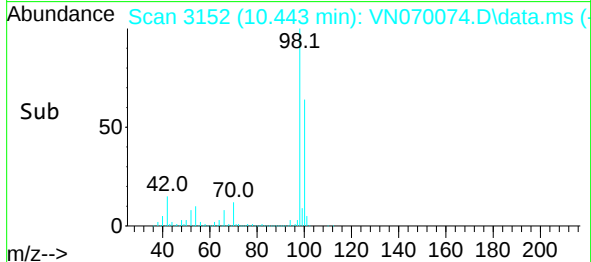
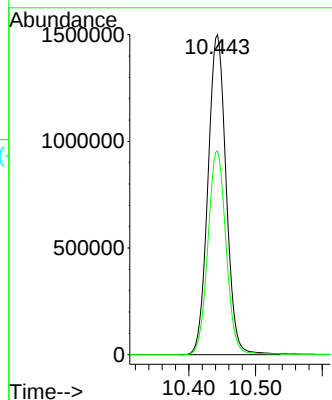
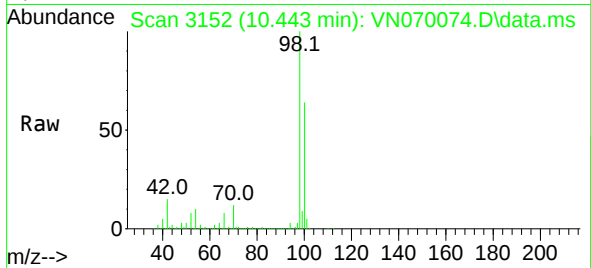




#50
Toluene-d8
Concen: 52.667 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

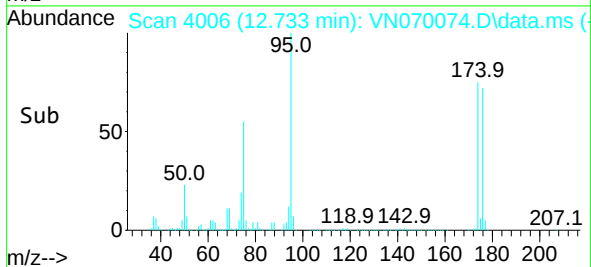
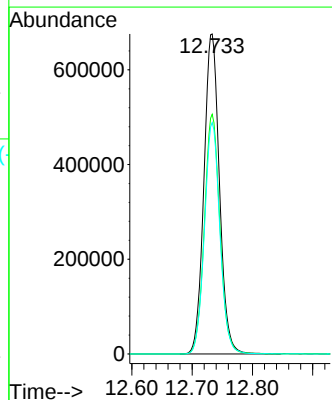
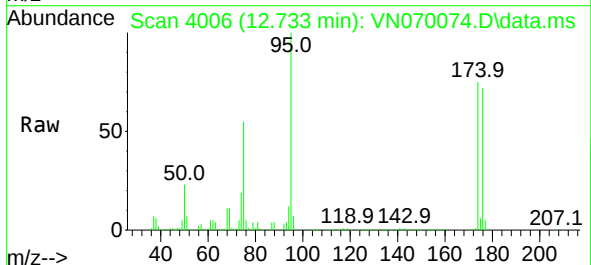
Instrument :
MSVOA_N
ClientSampleId :
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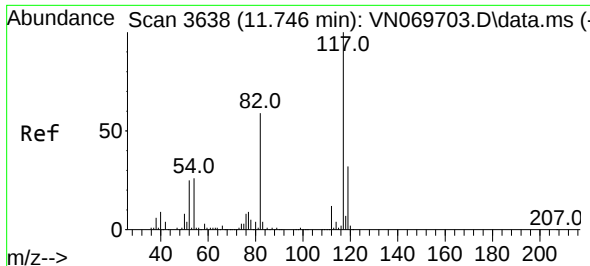
Tgt Ion: 98 Resp: 2831216
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 62.046 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

Tgt Ion: 95 Resp: 1208339
Ion Ratio Lower Upper
95 100
174 74.9 0.0 187.2
176 71.9 0.0 181.4

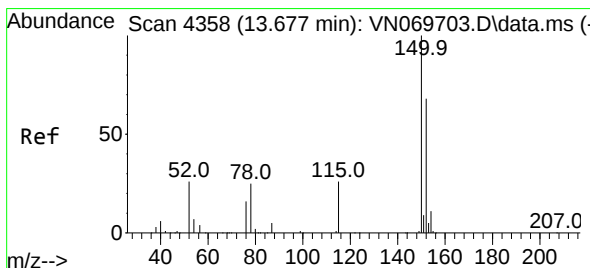
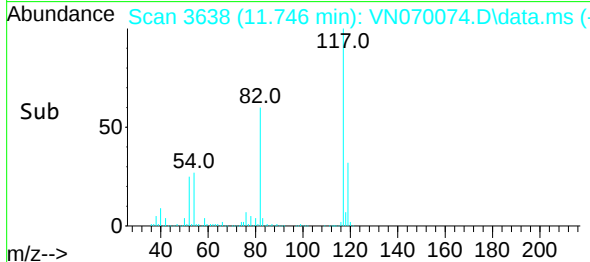
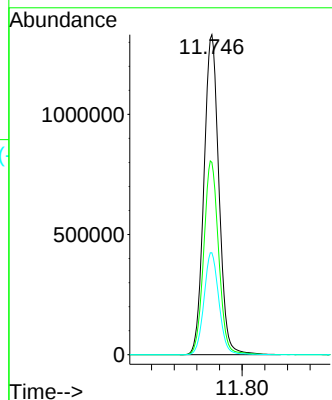
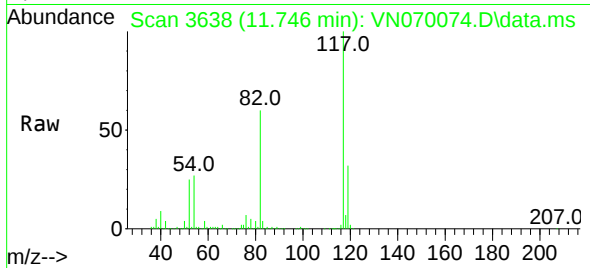




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 2444733
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

Tgt Ion:152 Resp: 993995
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 157.5 0.0 344.4

