

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121821\
 Data File : VN070220.D
 Acq On : 18 Dec 2021 18:09
 Operator : JC/MD
 Sample : M5044-11 10X
 Misc : 6.41g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DA-11-4.5

Quant Time: Dec 19 08:49:08 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	8.083	168	1158190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2211779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2698820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1119010	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	919385	51.41	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.82%	
35) Dibromofluoromethane	8.021	113	638067	46.06	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 92.12%	
50) Toluene-d8	10.440	98	2989982	53.75	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.50%	
62) 4-Bromofluorobenzene	12.731	95	1374355	68.20	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 136.40%#	

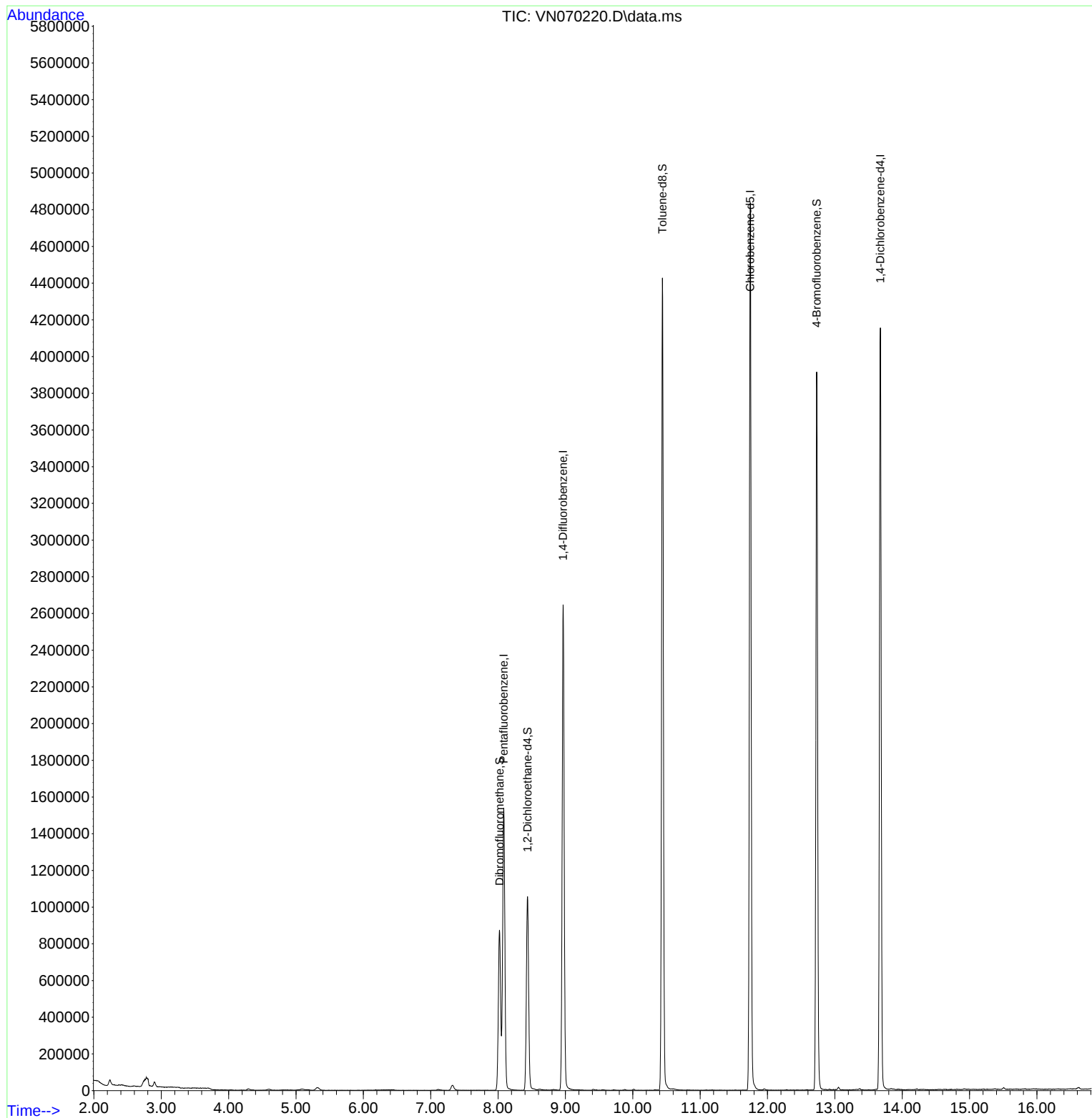
Target Compounds	Qvalue

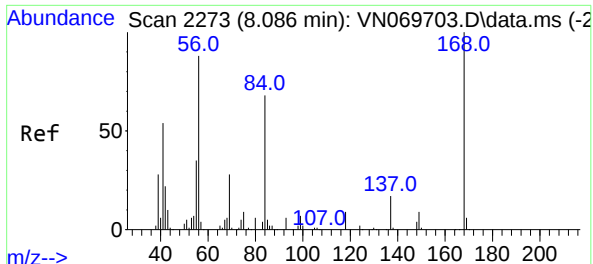
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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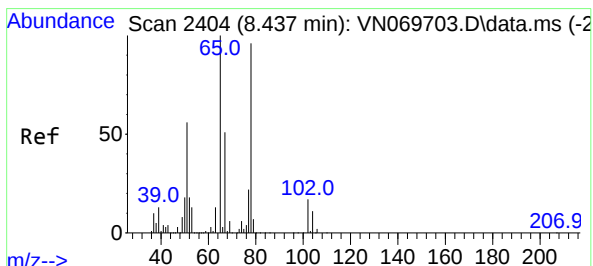
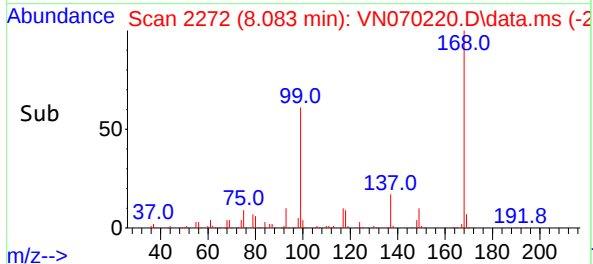
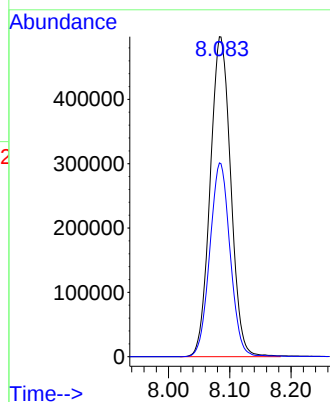
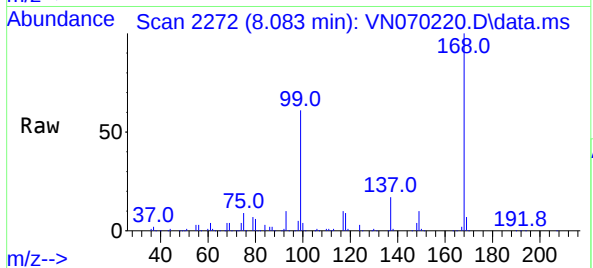




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070220.D
Acq: 18 Dec 2021 18:09

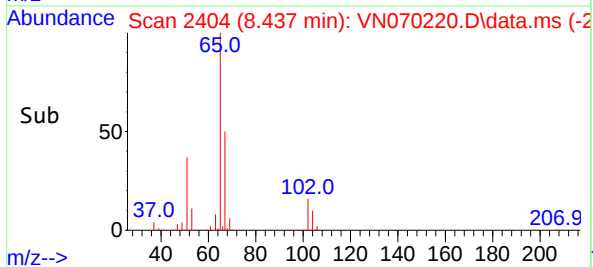
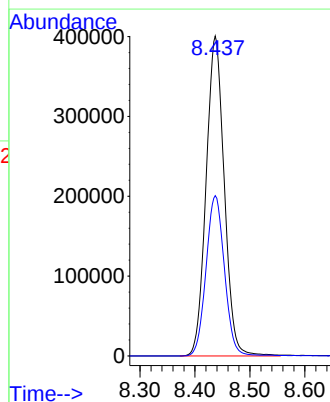
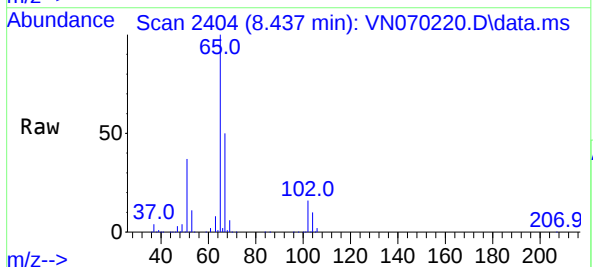
Instrument :
MSVOA_N
ClientSampleId :
DA-11-4.5

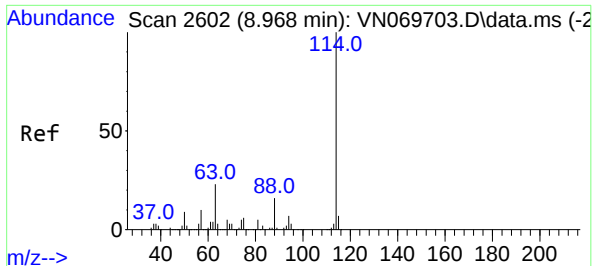
Tgt Ion:168 Resp: 1158190
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 51.41 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070220.D
Acq: 18 Dec 2021 18:09

Tgt Ion: 65 Resp: 919385
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0

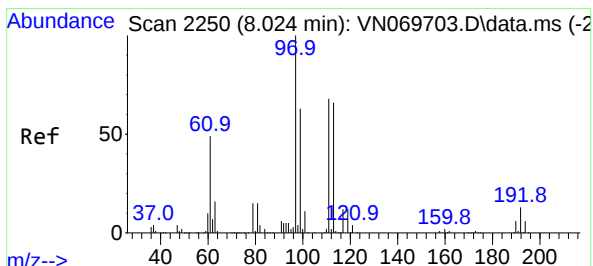
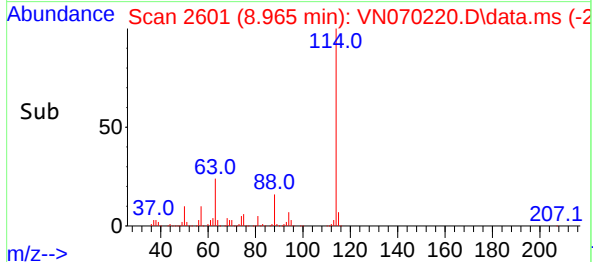
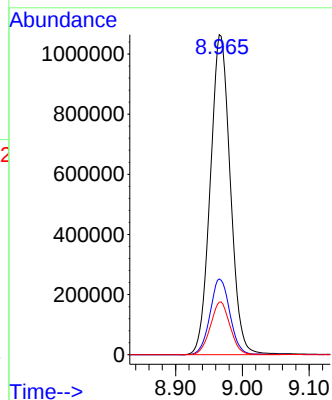
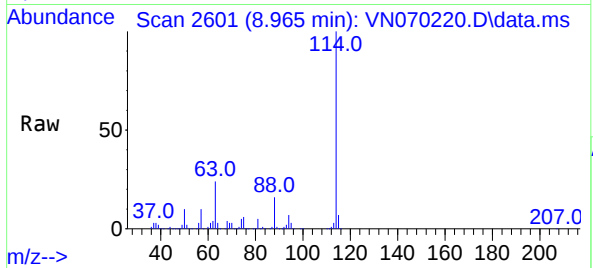




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.965 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070220.D
Acq: 18 Dec 2021 18:09

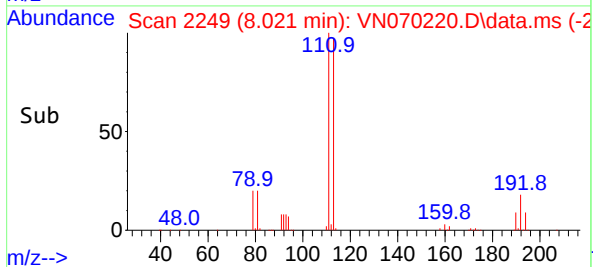
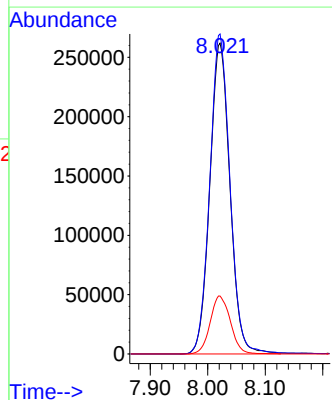
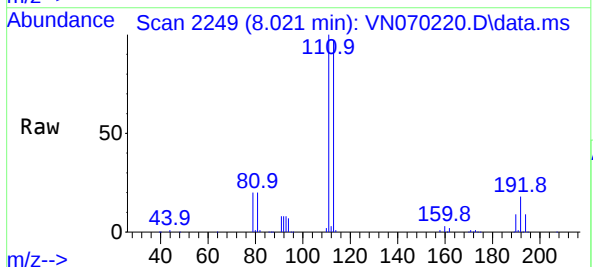
Instrument :
MSVOA_N
ClientSampleId :
DA-11-4.5

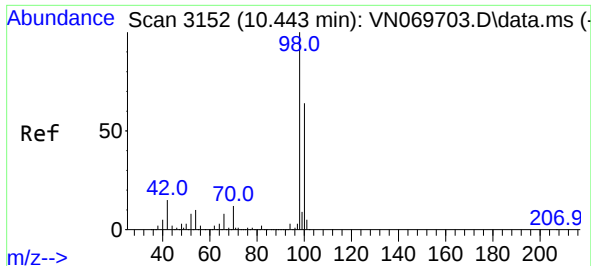
Tgt Ion:114 Resp: 2211779
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 16.4 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.06 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070220.D
Acq: 18 Dec 2021 18:09

Tgt Ion:113 Resp: 638067
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 18.7 16.9 25.3

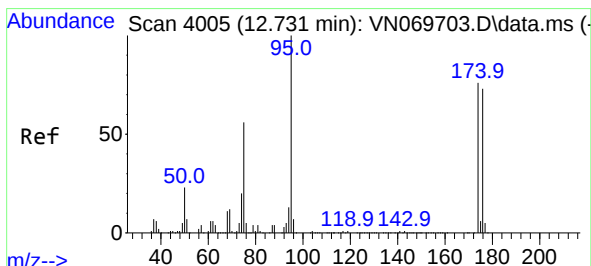
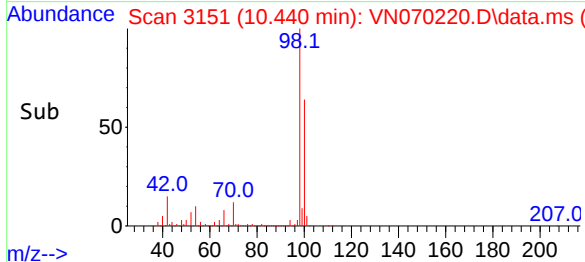
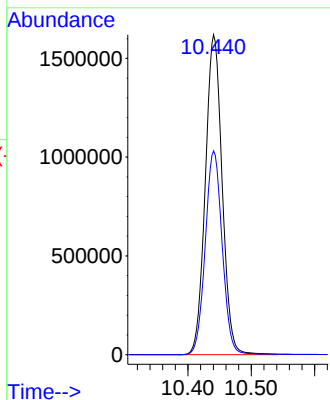
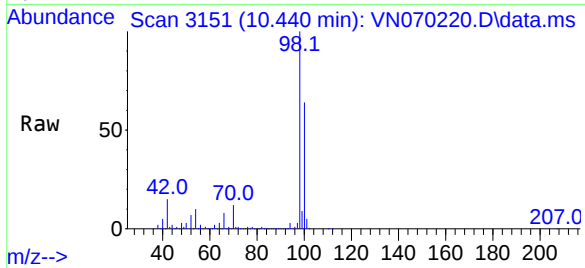




#50
Toluene-d8
Concen: 53.75 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070220.D
Acq: 18 Dec 2021 18:09

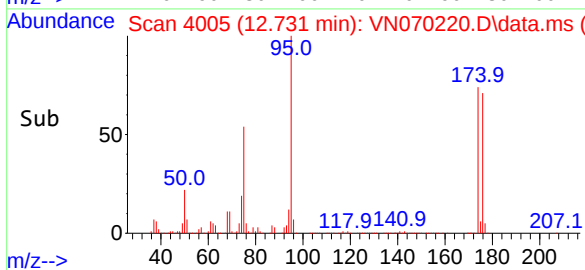
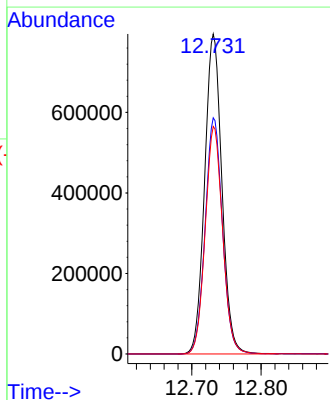
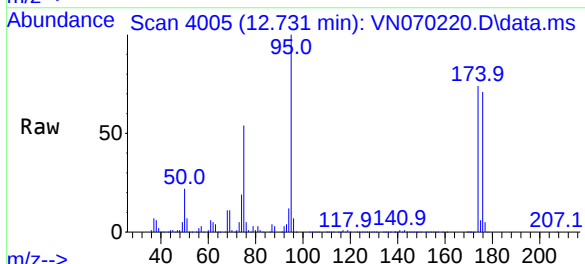
Instrument :
MSVOA_N
ClientSampleId :
DA-11-4.5

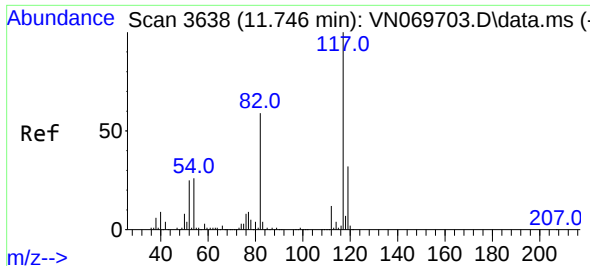
Tgt Ion: 98 Resp: 2989982
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 68.20 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070220.D
Acq: 18 Dec 2021 18:09

Tgt Ion: 95 Resp: 1374355
Ion Ratio Lower Upper
95 100
174 74.1 0.0 187.2
176 71.8 0.0 181.4

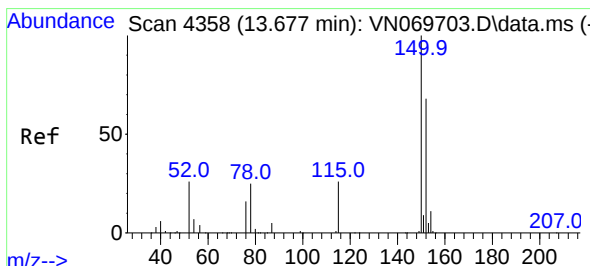
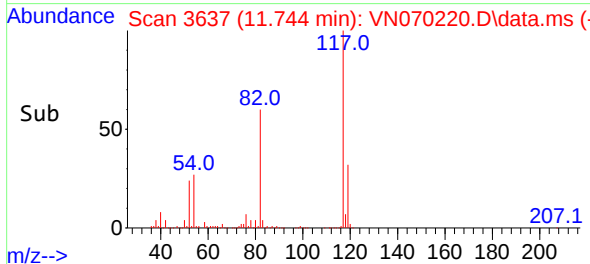
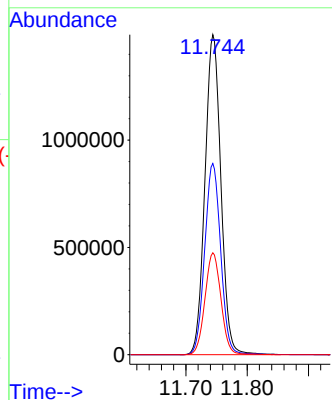
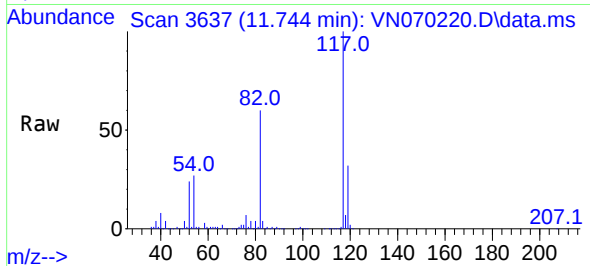




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070220.D
Acq: 18 Dec 2021 18:09

Instrument :
MSVOA_N
ClientSampleId :
DA-11-4.5

Tgt Ion:117 Resp: 2698820
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070220.D
Acq: 18 Dec 2021 18:09

Tgt Ion:152 Resp: 1119010
Ion Ratio Lower Upper
152 100
115 61.0 27.5 82.5
150 157.9 0.0 344.4

