

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120421\
 Data File : VN069760.D
 Acq On : 4 Dec 2021 12:36
 Operator : JC/MD
 Sample : VN1204WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBL01

Quant Time: Dec 04 16:10:36 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	8.086	168	1543214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2685655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2730652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1039388	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1157825	48.592	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.180%
35) Dibromofluoromethane	8.021	113	799642	47.534	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.060%
50) Toluene-d8	10.440	98	3408288	50.458	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.731	95	1286942	52.591	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.180%

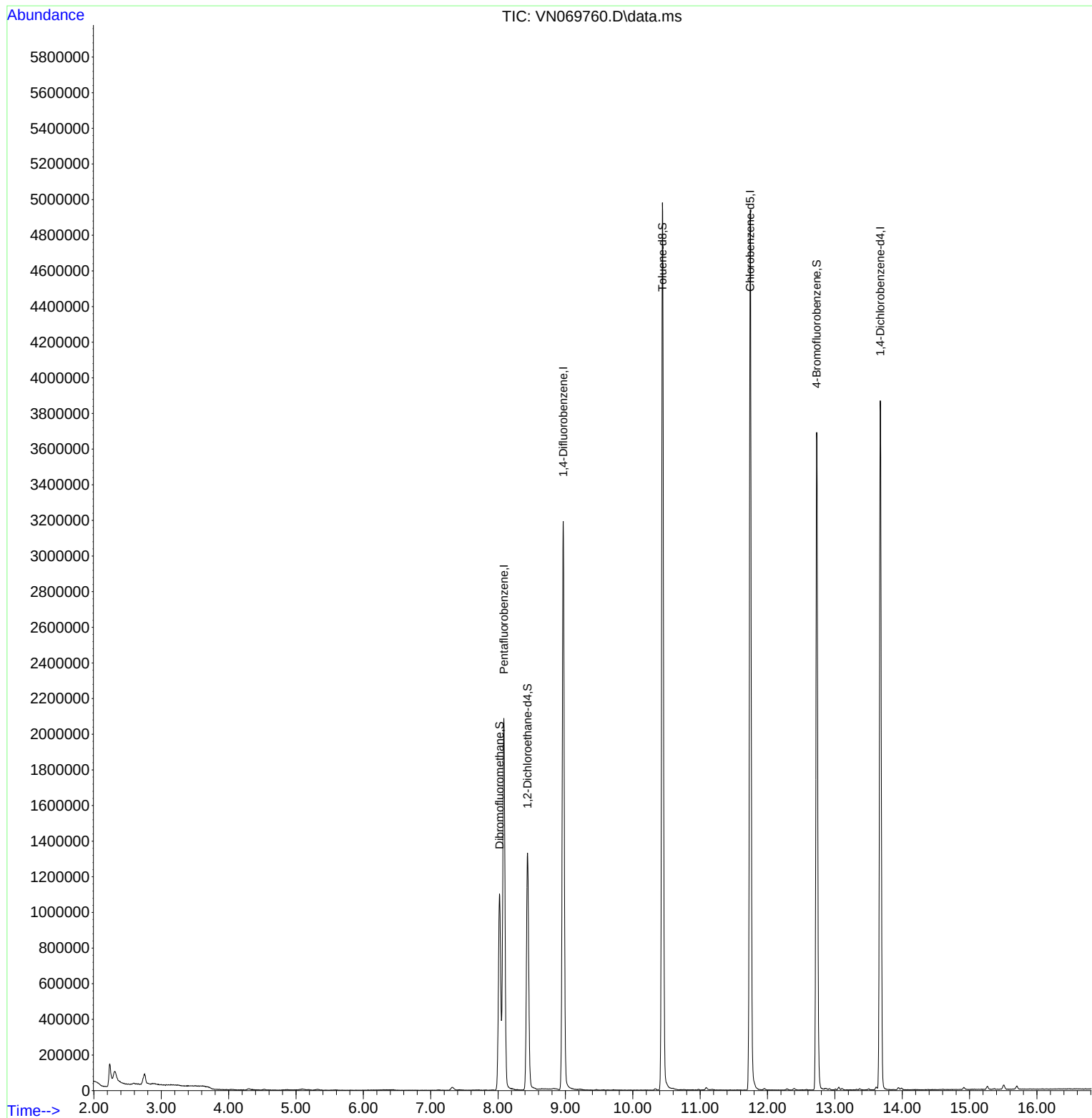
Target Compounds	Qvalue

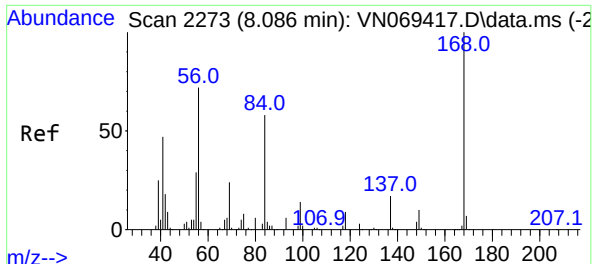
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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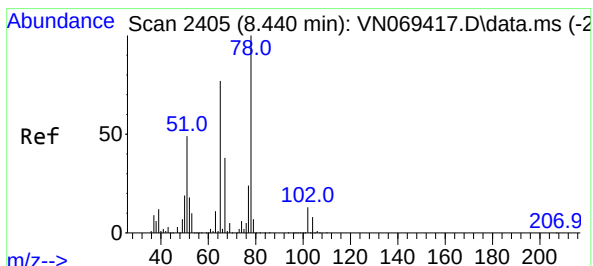
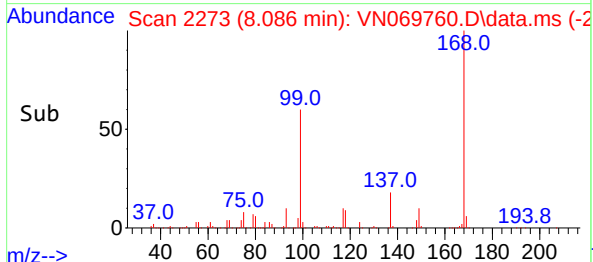
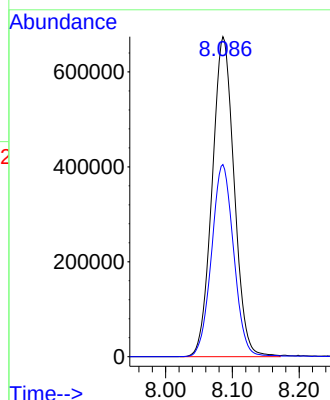
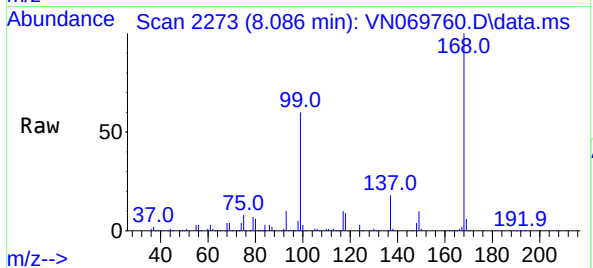




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069760.D
Acq: 4 Dec 2021 12:36

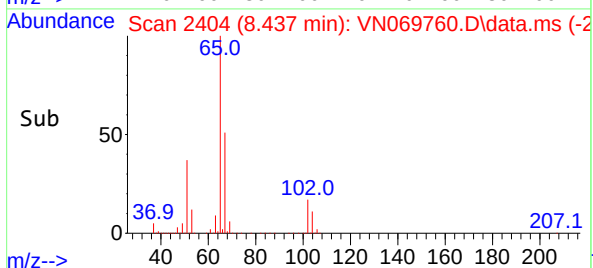
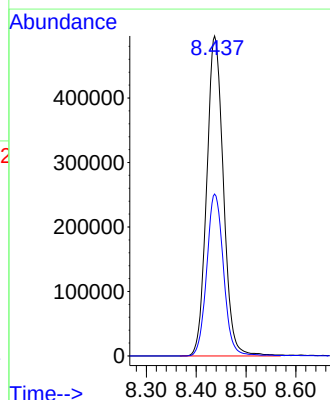
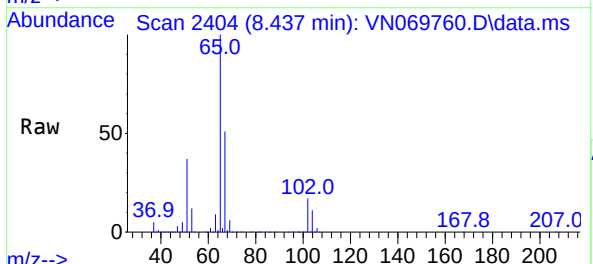
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBL01

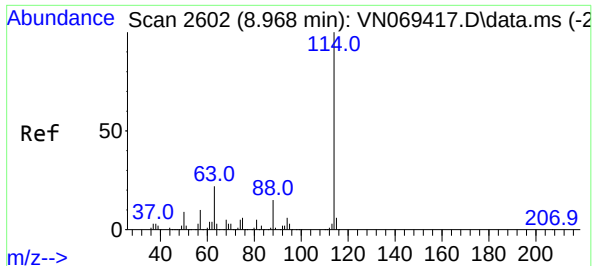
Tgt Ion:168 Resp: 1543214
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 48.592 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069760.D
Acq: 4 Dec 2021 12:36

Tgt Ion: 65 Resp: 1157825
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0

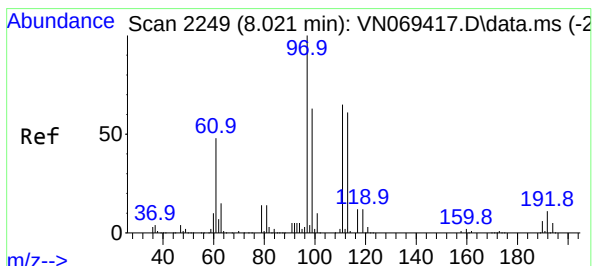
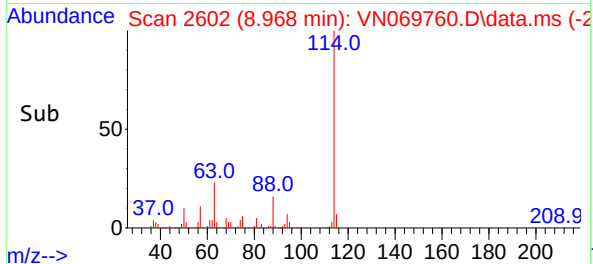
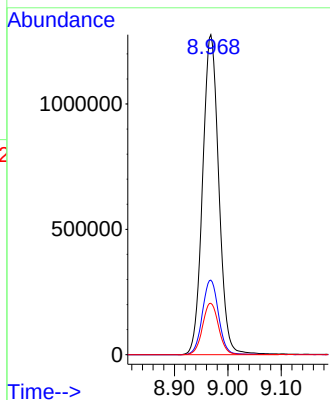
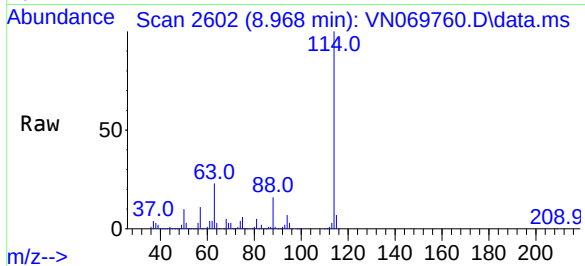




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069760.D
Acq: 4 Dec 2021 12:36

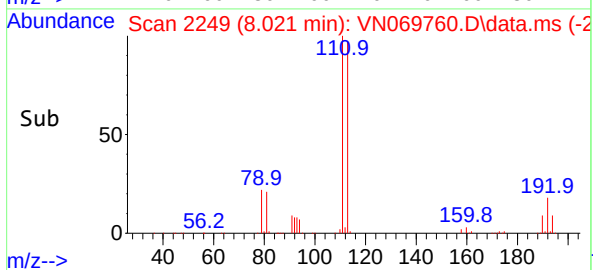
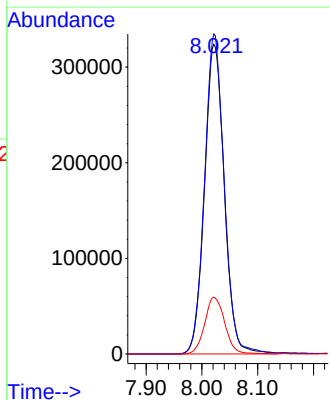
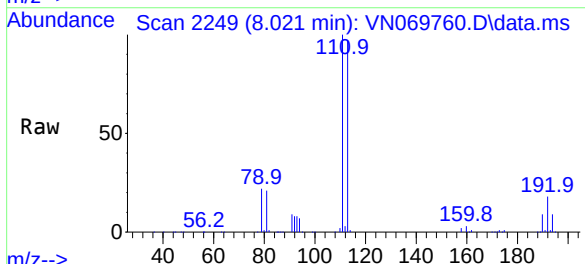
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBL01

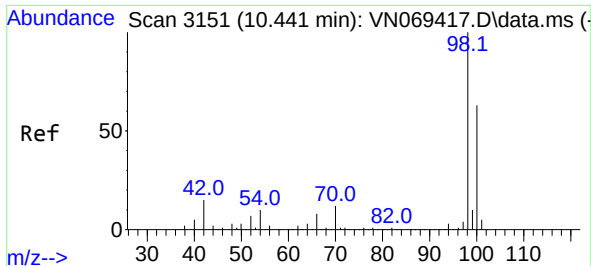
Tgt Ion:114 Resp: 2685655
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 16.1 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.534 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.002 min
Lab File: VN069760.D
Acq: 4 Dec 2021 12:36

Tgt Ion:113 Resp: 799642
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 18.6 16.9 25.3

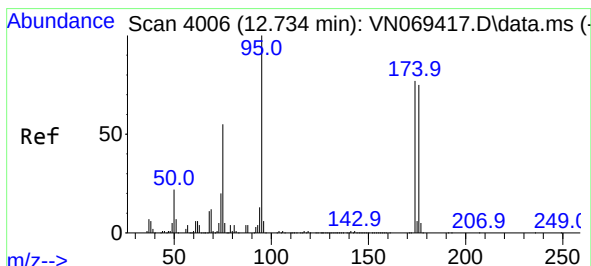
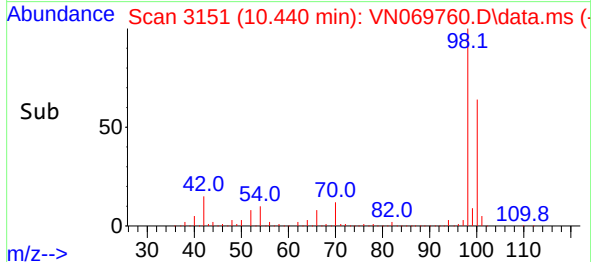
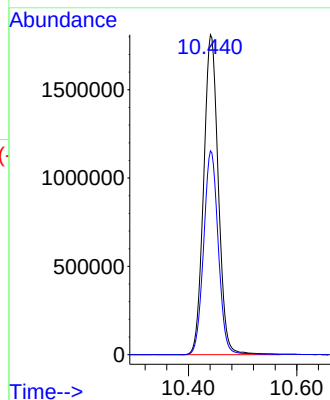
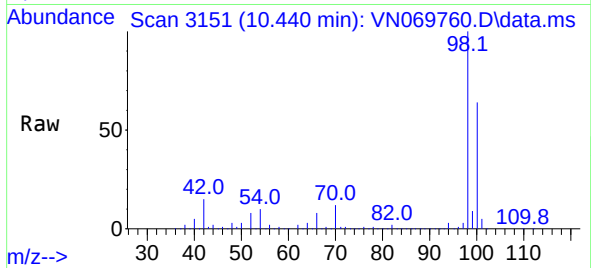




#50
Toluene-d8
Concen: 50.458 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN069760.D
Acq: 4 Dec 2021 12:36

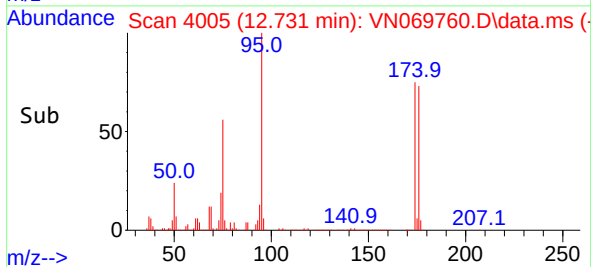
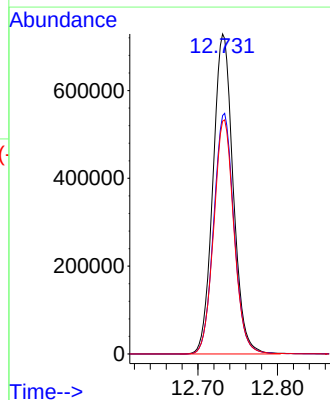
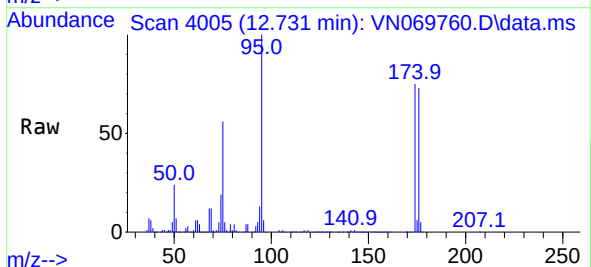
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBL01

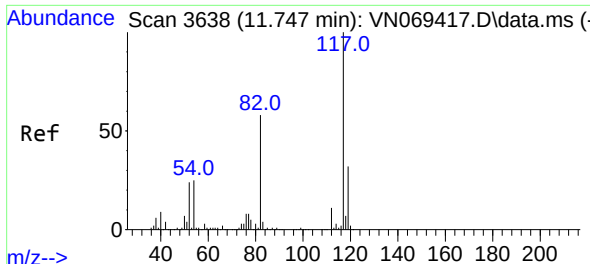
Tgt Ion: 98 Resp: 3408288
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 52.591 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069760.D
Acq: 4 Dec 2021 12:36

Tgt Ion: 95 Resp: 1286942
Ion Ratio Lower Upper
95 100
174 75.4 0.0 187.2
176 73.2 0.0 181.4

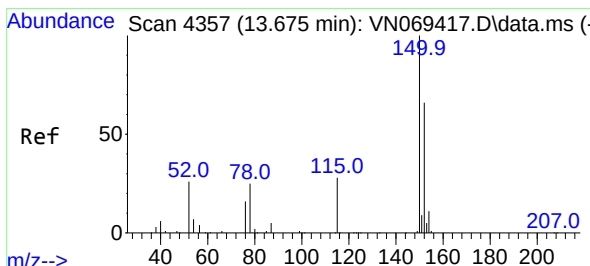
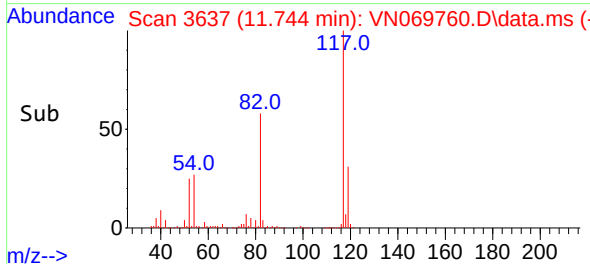
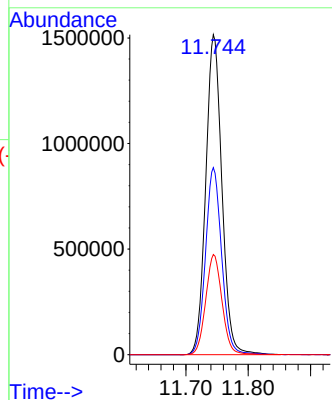
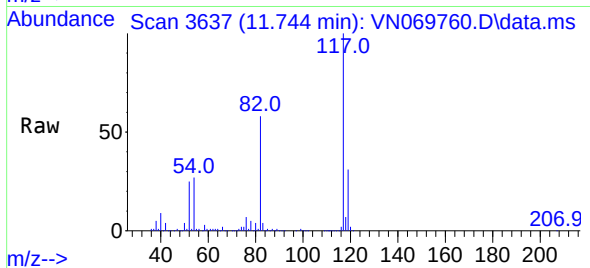




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069760.D
Acq: 4 Dec 2021 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBL01

Tgt Ion:117 Resp: 2730652
Ion Ratio Lower Upper
117 100
82 58.5 42.4 63.6
119 31.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN069760.D
Acq: 4 Dec 2021 12:36

Tgt Ion:152 Resp: 1039388
Ion Ratio Lower Upper
152 100
115 60.7 27.5 82.5
150 157.4 0.0 344.4

