

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069978.D
 Acq On : 11 Dec 2021 00:28
 Operator : JC/MD
 Sample : VN1210WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBL02

Quant Time: Dec 11 05:28:07 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	1009446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1911009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2172643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	870020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	813475	52.193	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.380%
35) Dibromofluoromethane	8.024	113	598053	49.962	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.920%
50) Toluene-d8	10.443	98	2518040	52.389	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.780%
62) 4-Bromofluorobenzene	12.731	95	1048571	60.219	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	120.440%

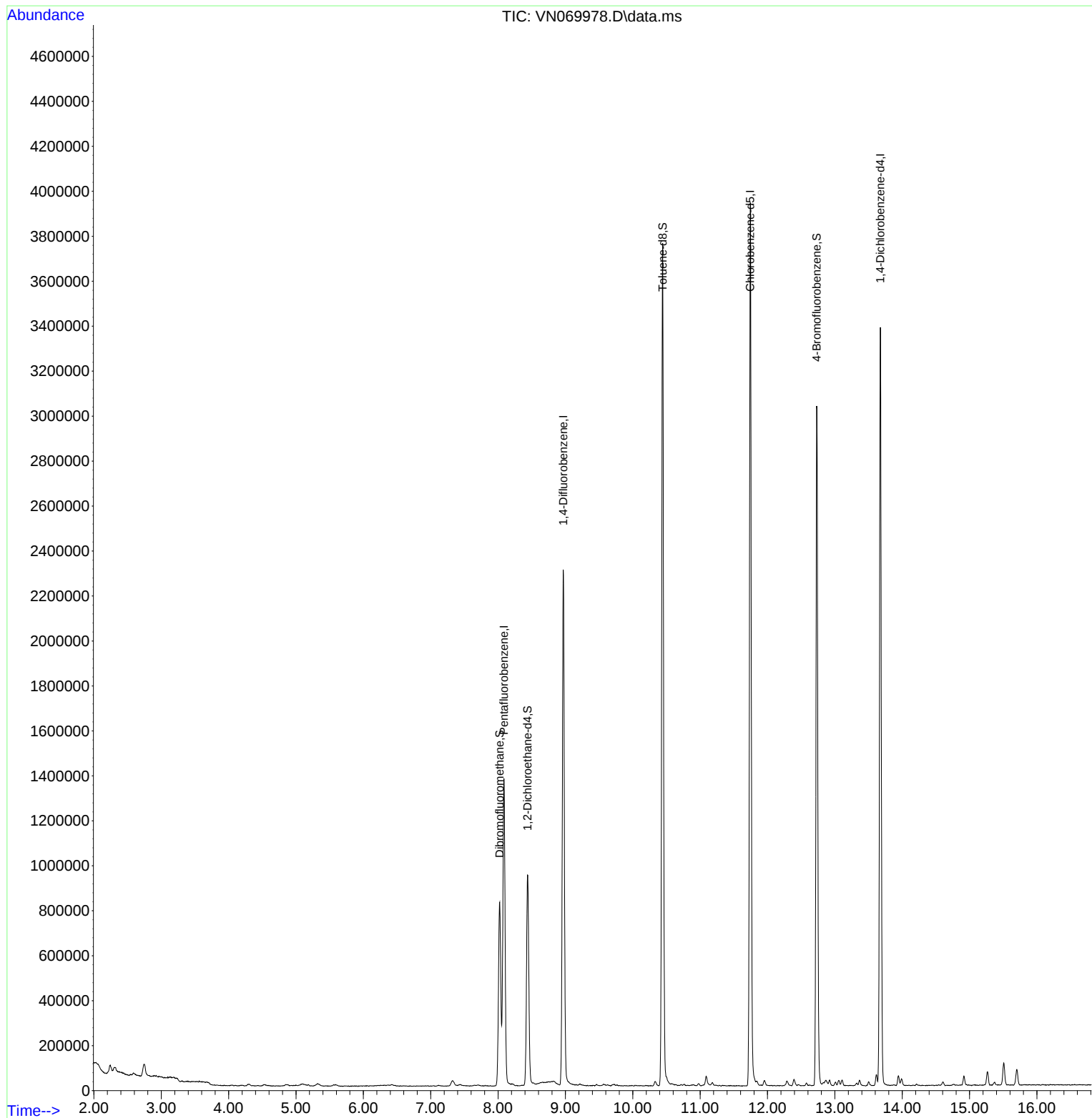
Target Compounds	Qvalue

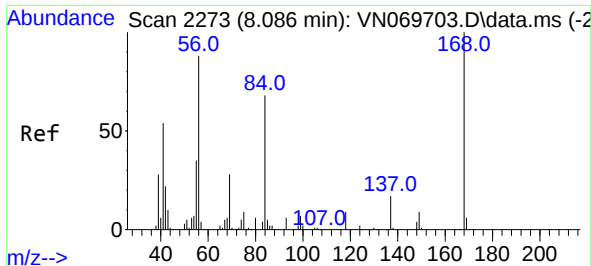
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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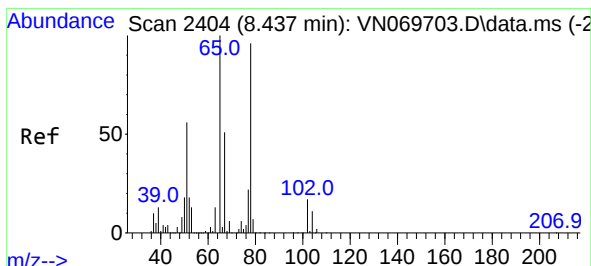
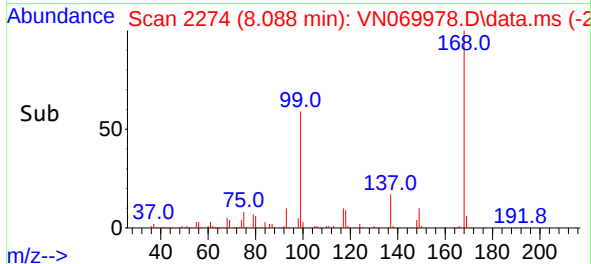
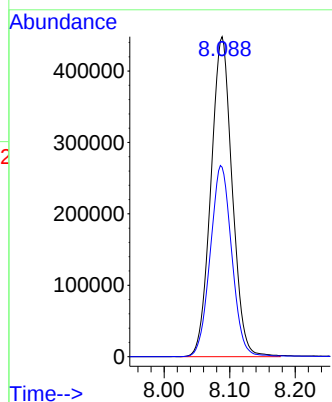
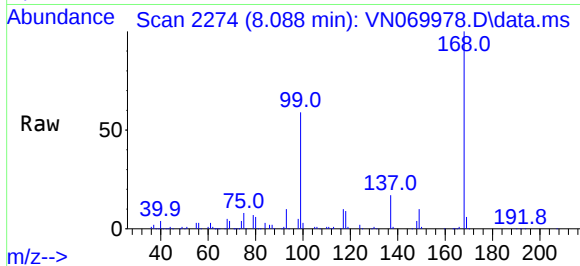




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069978.D
Acq: 11 Dec 2021 00:28

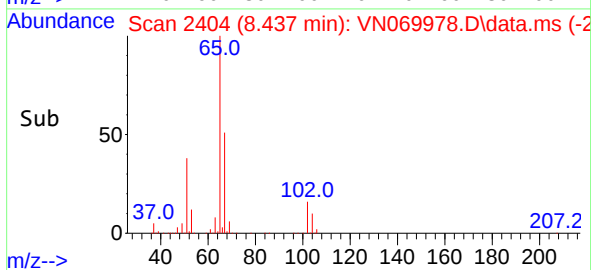
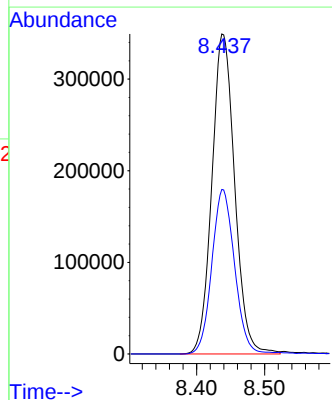
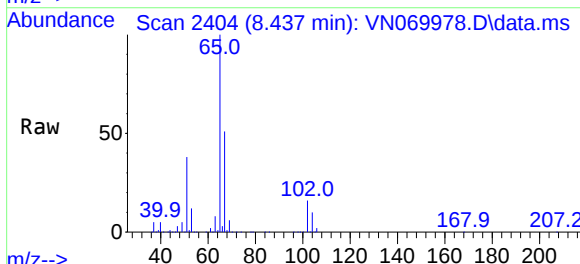
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBL02

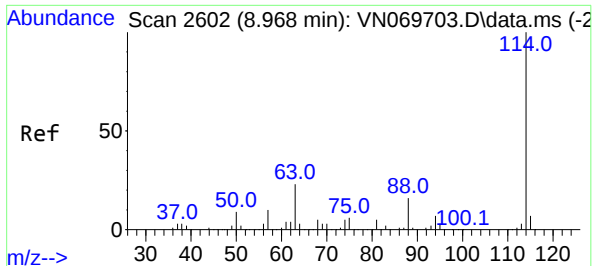
Tgt Ion:168 Resp: 1009446
Ion Ratio Lower Upper
168 100
99 59.2 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 52.193 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069978.D
Acq: 11 Dec 2021 00:28

Tgt Ion: 65 Resp: 813475
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.000 min

Lab File: VN069978.D

Acq: 11 Dec 2021 00:28

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBL02

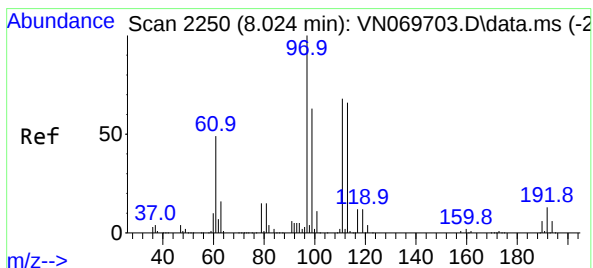
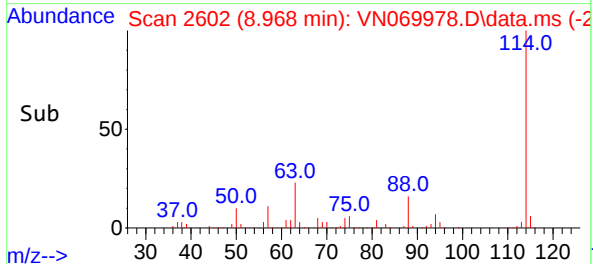
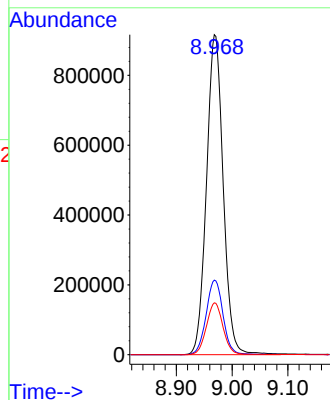
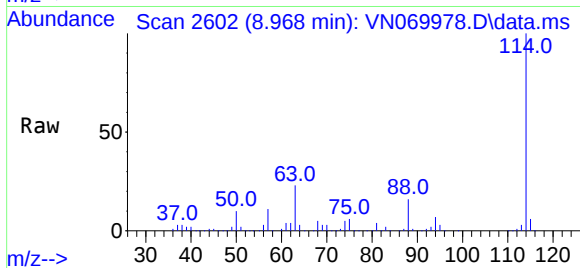
Tgt Ion:114 Resp: 1911009

Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

88 16.2 0.0 27.4



#35

Dibromofluoromethane

Concen: 49.962 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.000 min

Lab File: VN069978.D

Acq: 11 Dec 2021 00:28

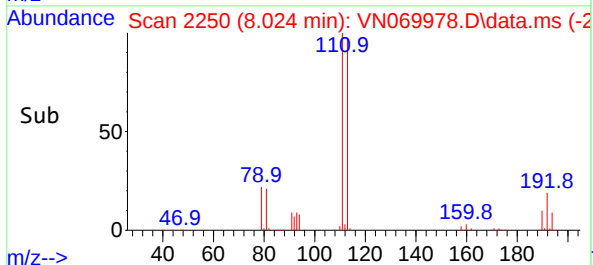
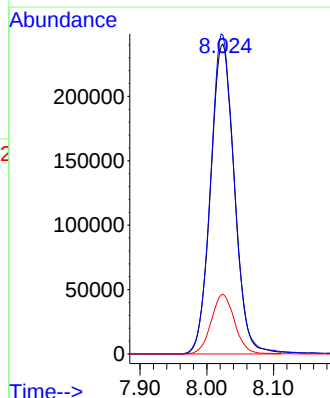
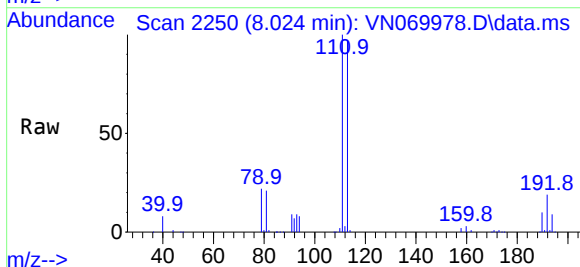
Tgt Ion:113 Resp: 598053

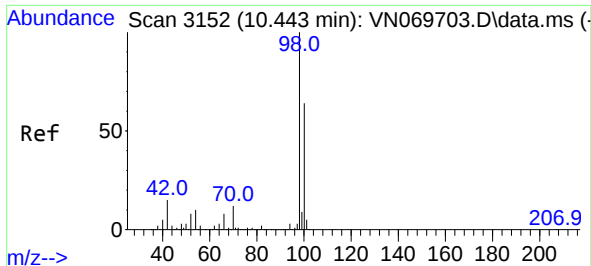
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

192 18.9 16.9 25.3

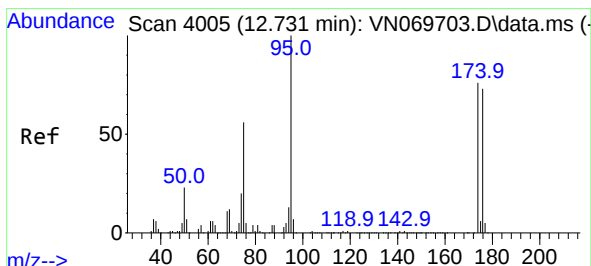
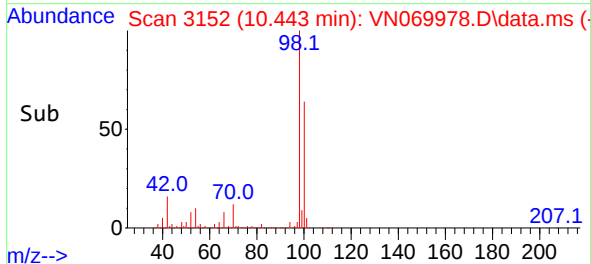
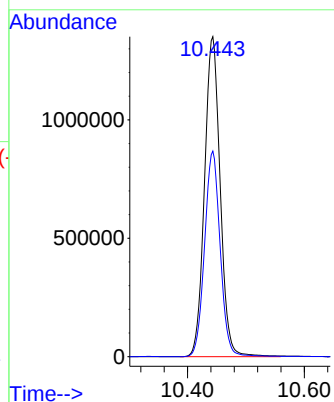
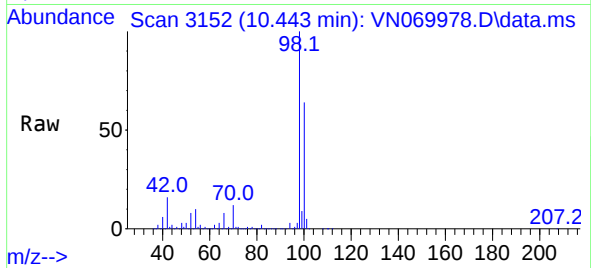




#50
Toluene-d8
Concen: 52.389 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069978.D
Acq: 11 Dec 2021 00:28

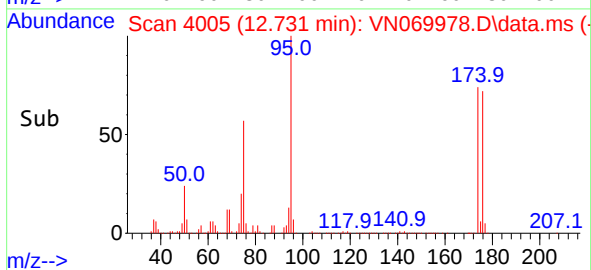
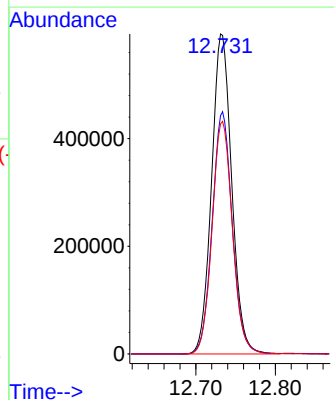
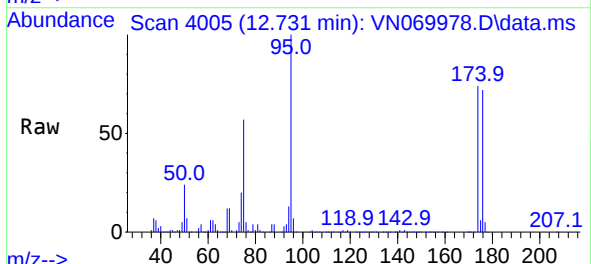
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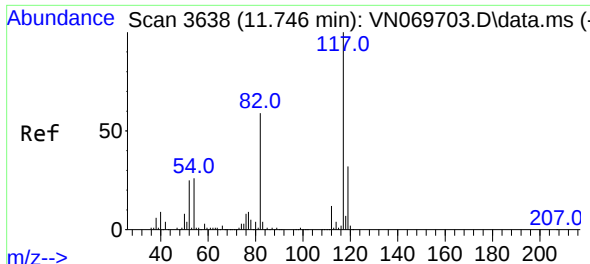
Tgt Ion: 98 Resp: 2518040
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 60.219 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069978.D
Acq: 11 Dec 2021 00:28

Tgt Ion: 95 Resp: 1048571
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 73.2 0.0 181.4

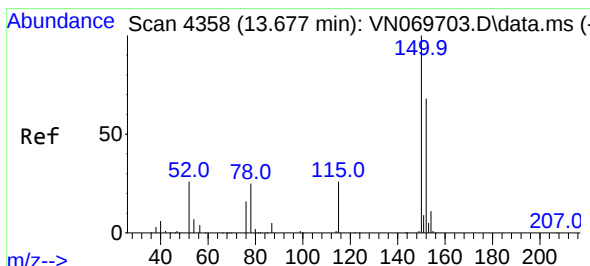
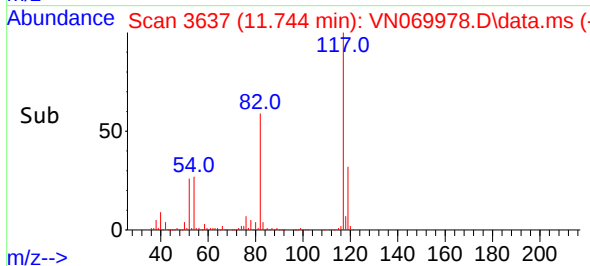
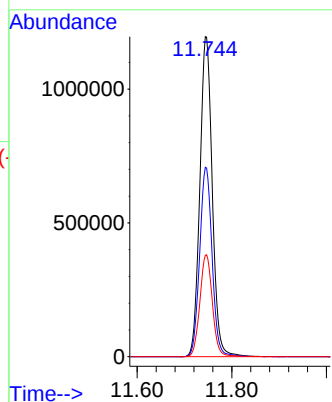
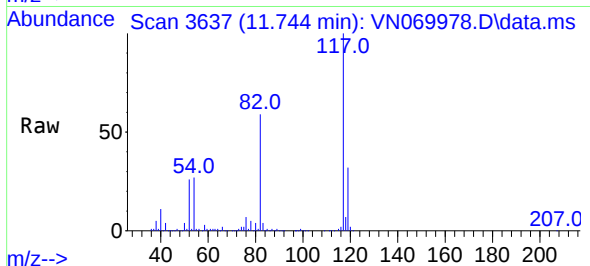




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069978.D
Acq: 11 Dec 2021 00:28

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBL02

Tgt Ion:117 Resp: 2172643
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 31.7 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: VN069978.D
Acq: 11 Dec 2021 00:28

Tgt Ion:152 Resp: 870020
Ion Ratio Lower Upper
152 100
115 60.5 27.5 82.5
150 157.6 0.0 344.4

