

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020322\
 Data File : VN070923.D
 Acq On : 3 Feb 2022 12:03
 Operator : JC/MD
 Sample : VN0203WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBL01

Quant Time: Feb 04 04:41:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	972977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1548740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1347186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	496299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	609979	46.315	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.620%
35) Dibromofluoromethane	8.021	113	450053	48.508	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.020%
50) Toluene-d8	10.440	98	1864300	48.940	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.731	95	600402	43.742	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.480%

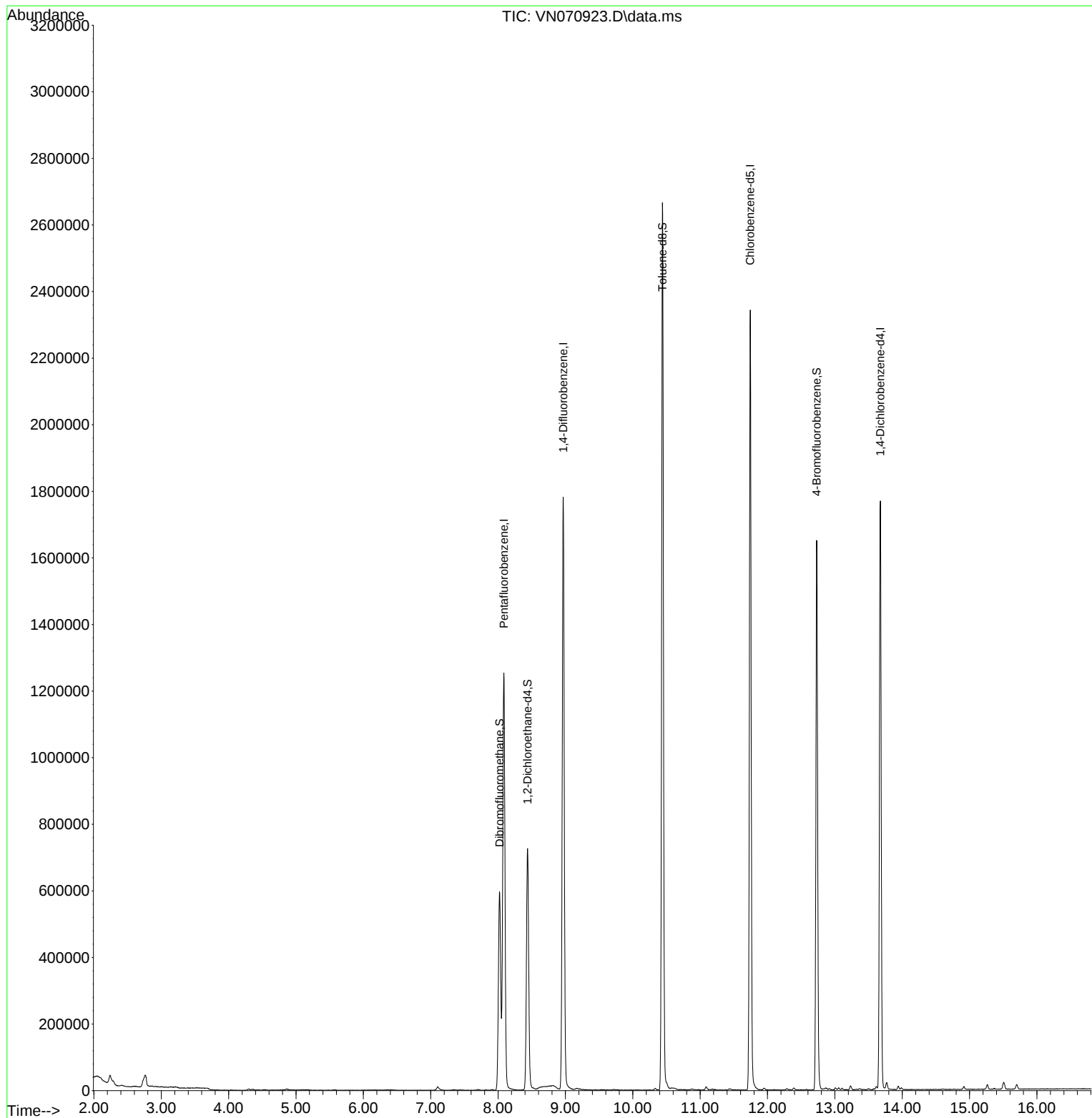
Target Compounds	Qvalue

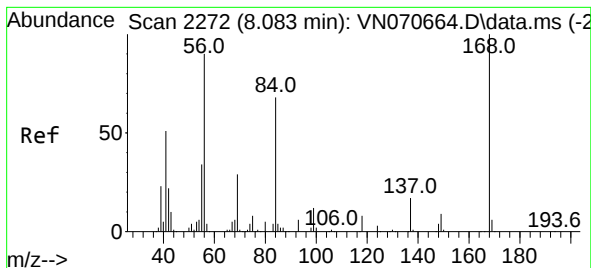
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN070923.D

Acq: 3 Feb 2022 12:03

Instrument :

MSVOA_N

ClientSampleId :

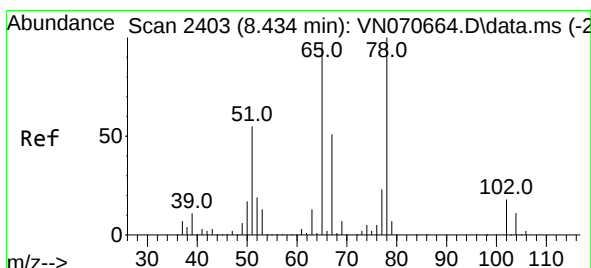
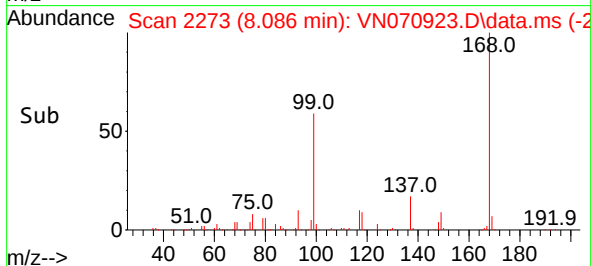
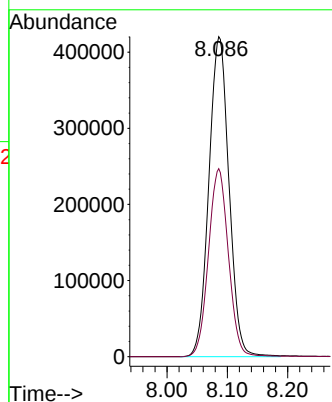
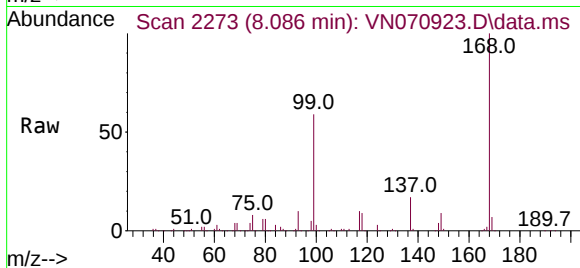
VN0203WBL01

Tgt Ion:168 Resp: 972977

Ion Ratio Lower Upper

168 100

99 58.8 41.3 61.9



#33

1,2-Dichloroethane-d4

Concen: 46.315 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070923.D

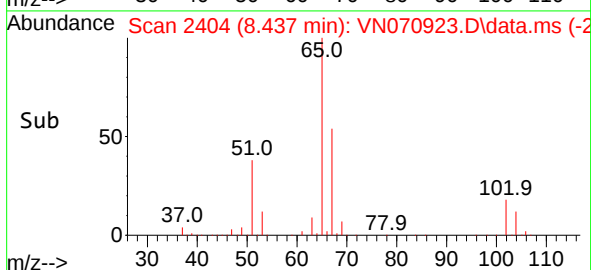
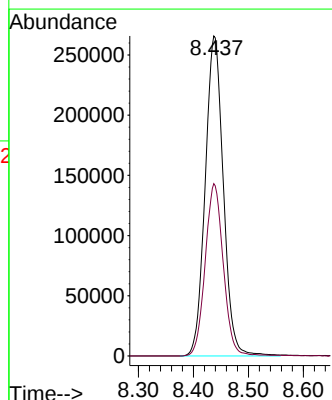
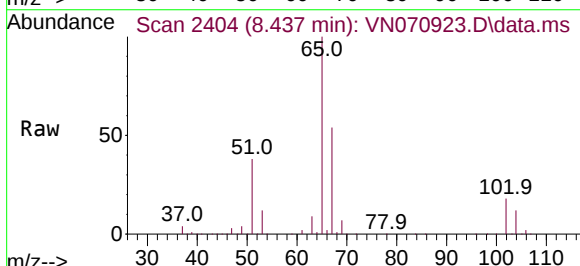
Acq: 3 Feb 2022 12:03

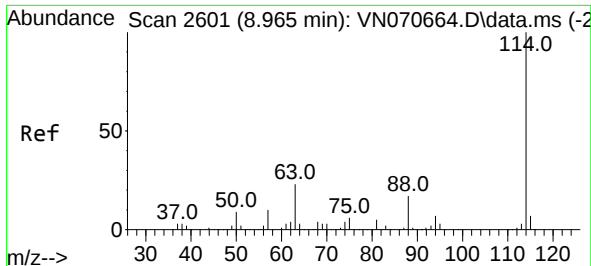
Tgt Ion: 65 Resp: 609979

Ion Ratio Lower Upper

65 100

67 53.6 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.003 min

Lab File: VN070923.D

Acq: 3 Feb 2022 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBL01

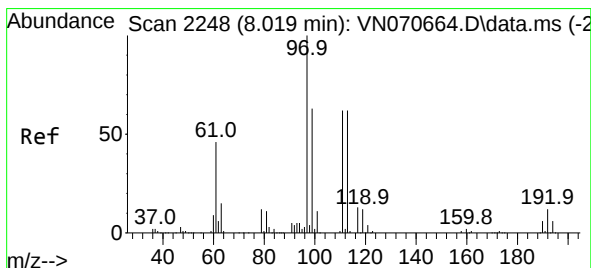
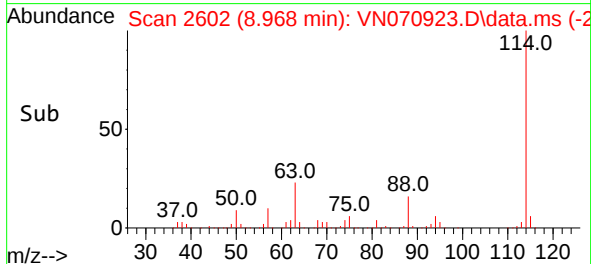
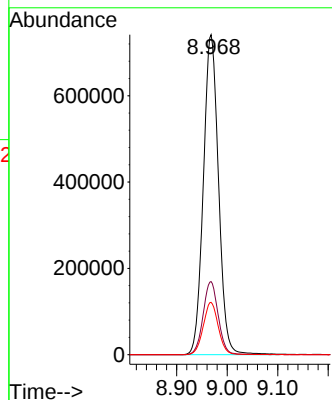
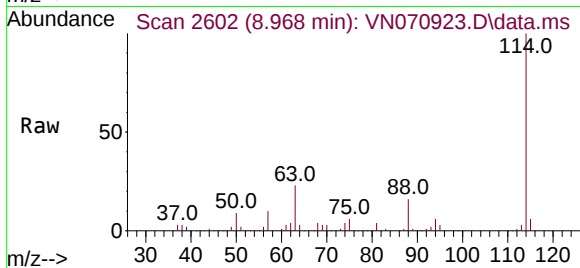
Tgt Ion:114 Resp: 1548740

Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

88 16.4 0.0 27.4



#35

Dibromofluoromethane

Concen: 48.508 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070923.D

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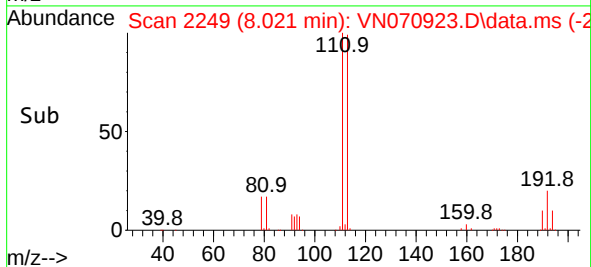
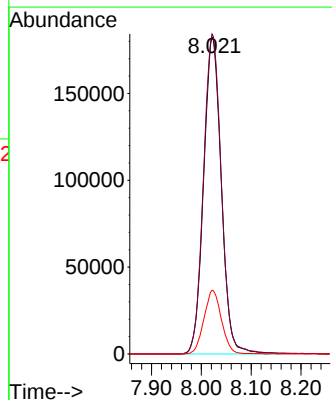
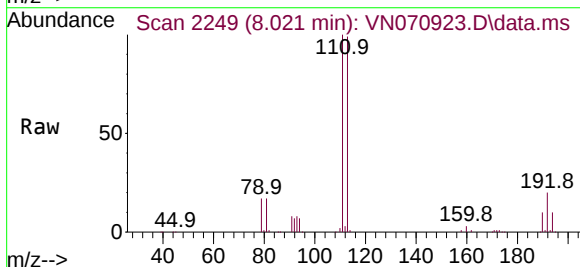
Tgt Ion:113 Resp: 450053

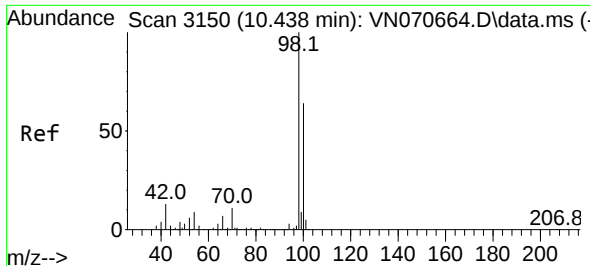
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

192 19.9 16.9 25.3

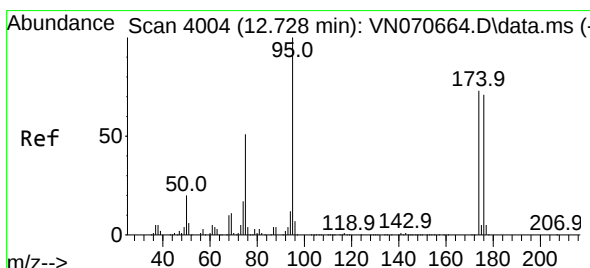
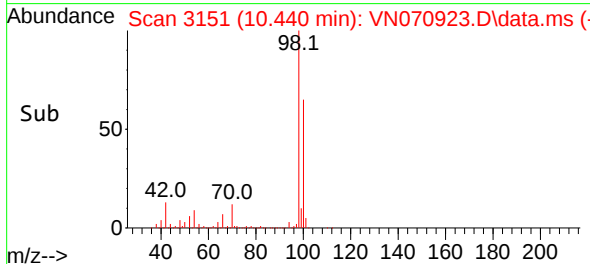
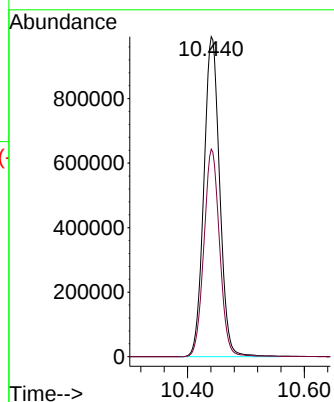
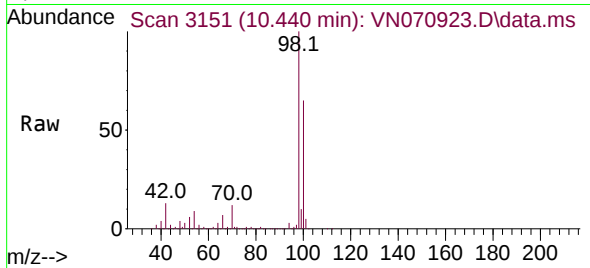




#50
Toluene-d8
Concen: 48.940 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. -0.001 min
Lab File: VN070923.D
Acq: 3 Feb 2022 12:03

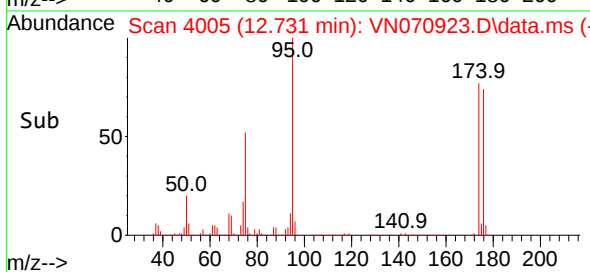
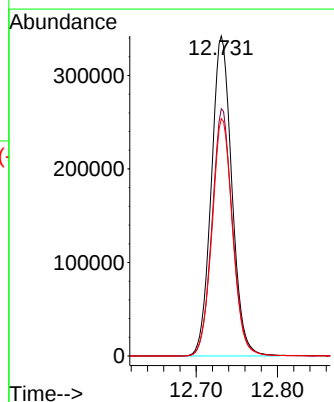
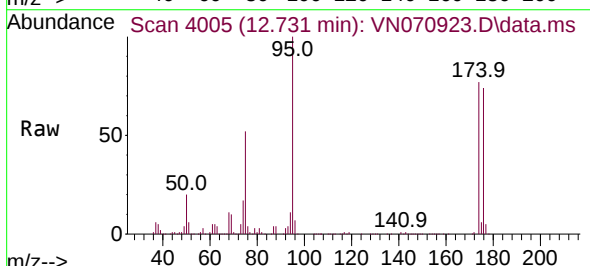
Instrument :
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VN0203WBL01

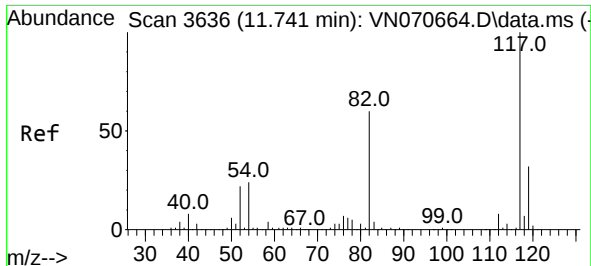
Tgt Ion: 98 Resp: 1864300
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 43.742 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070923.D
Acq: 3 Feb 2022 12:03

Tgt Ion: 95 Resp: 600402
Ion Ratio Lower Upper
95 100
174 77.0 0.0 187.2
176 74.2 0.0 181.4

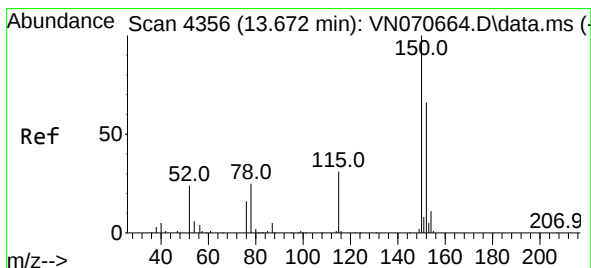
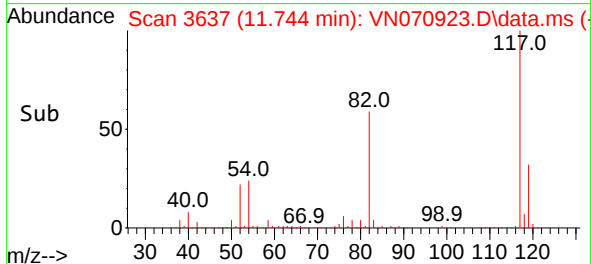
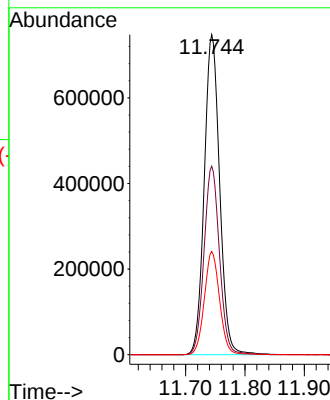
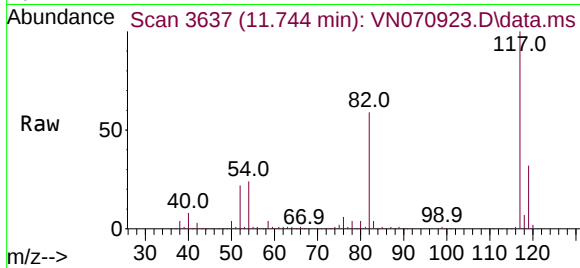




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. -0.000 min
Lab File: VN070923.D
Acq: 3 Feb 2022 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBL01

Tgt Ion:117 Resp: 1347186
Ion Ratio Lower Upper
117 100
82 58.9 42.4 63.6
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070923.D
Acq: 3 Feb 2022 12:03

Tgt Ion:152 Resp: 496299
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.5
150 157.7 0.0 344.4

