

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070020.D
 Acq On : 11 Dec 2021 20:19
 Operator : JC/MD
 Sample : M4959-13ME
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5S

Quant Time: Dec 12 16:26:51 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	8.080	168	1121962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2115769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2244544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	1077031	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	882387	50.937	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.880%
35) Dibromofluoromethane	8.019	113	640582	48.336	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.680%
50) Toluene-d8	10.443	98	2693603	50.618	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.240%
62) 4-Bromofluorobenzene	12.733	95	1148831	59.592	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	119.180%

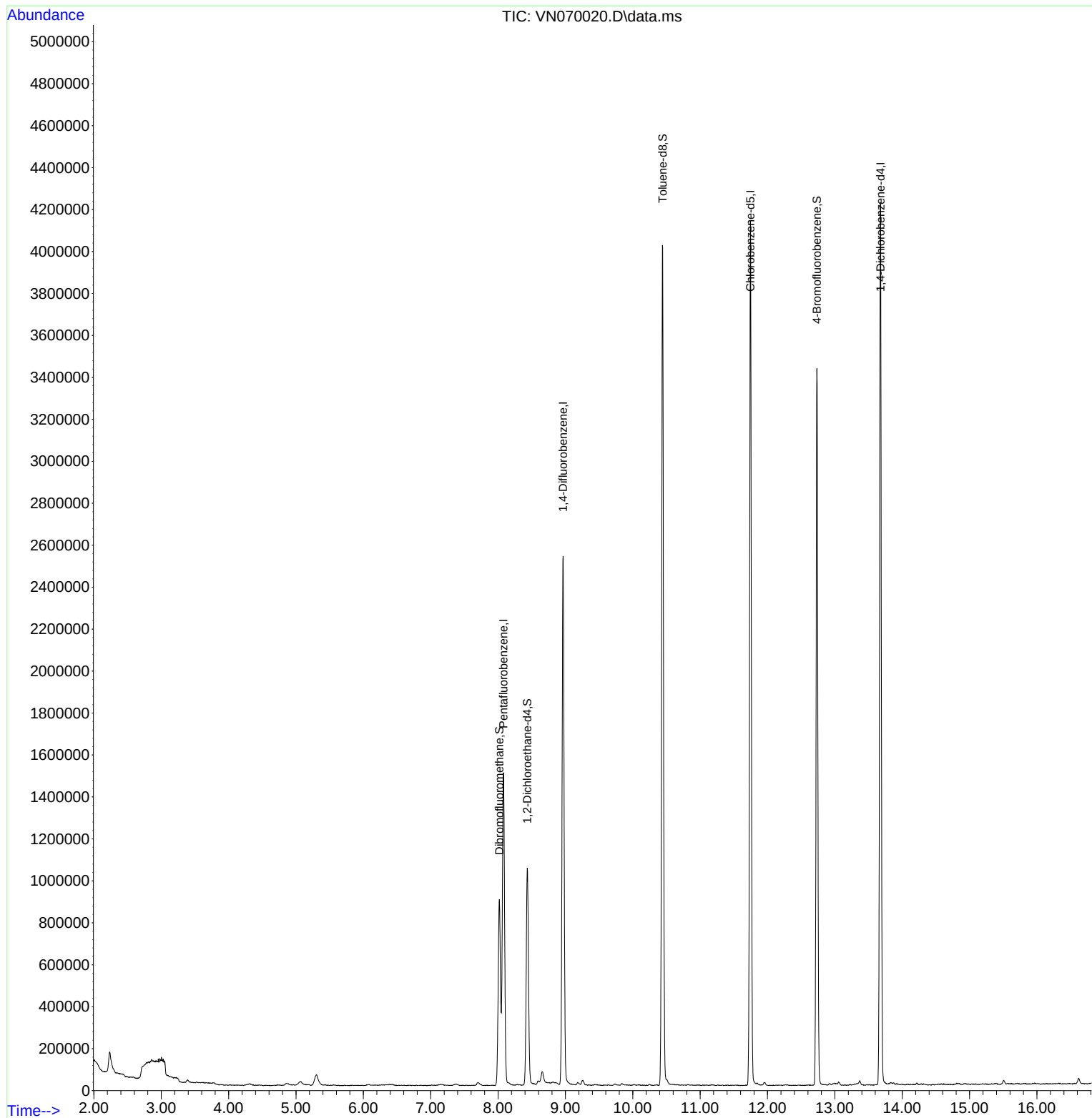
Target Compounds	Qvalue

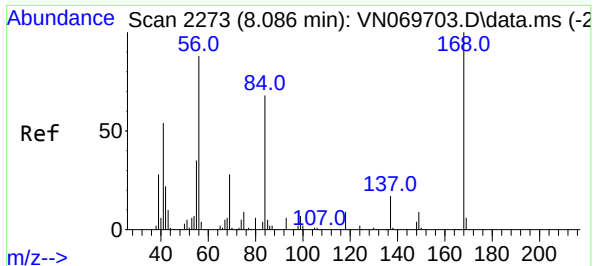
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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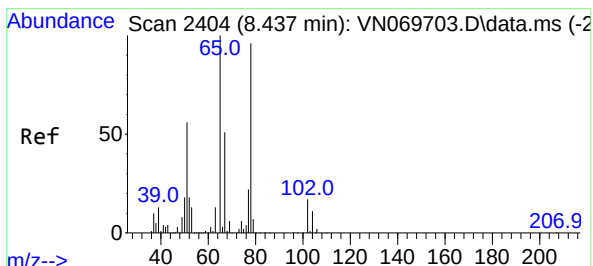
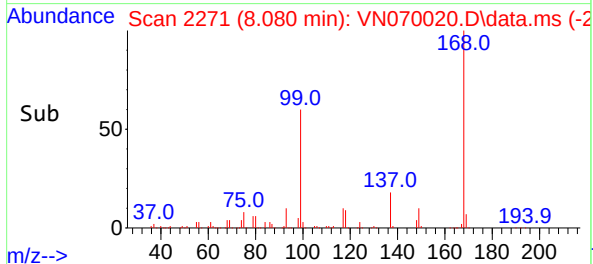
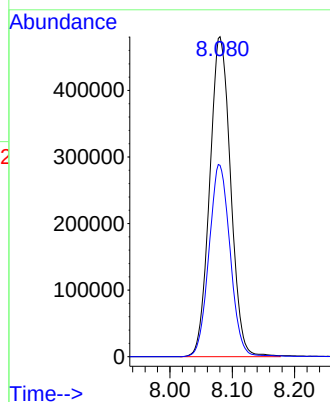
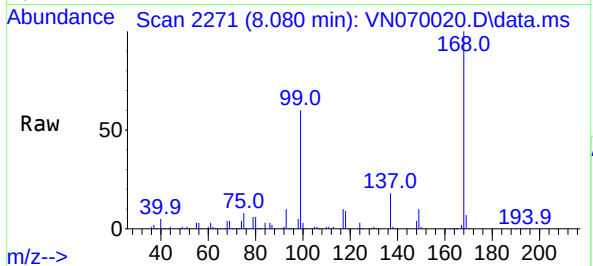




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070020.D
Acq: 11 Dec 2021 20:19

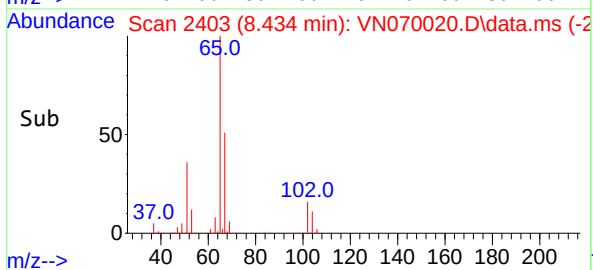
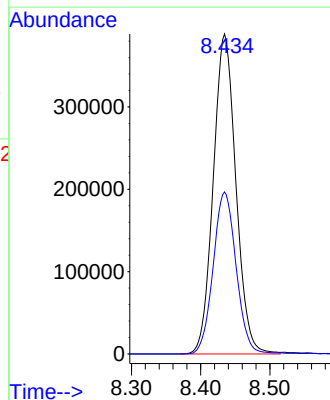
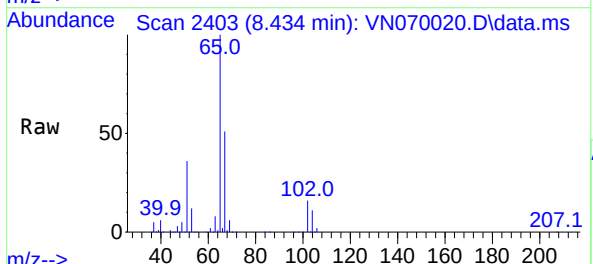
Instrument :
MSVOA_N
ClientSampleId :
TP-5S

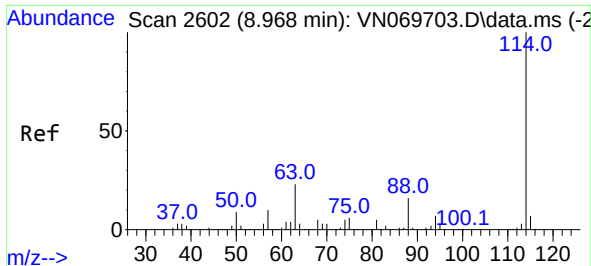
Tgt Ion:168 Resp: 1121962
Ion Ratio Lower Upper
168 100
99 59.8 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 50.937 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.003 min
Lab File: VN070020.D
Acq: 11 Dec 2021 20:19

Tgt Ion: 65 Resp: 882387
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2

Delta R.T. -0.003 min

Lab File: VN070020.D

Acq: 11 Dec 2021 20:19

Instrument :

MSVOA_N

ClientSampleId :

TP-5S

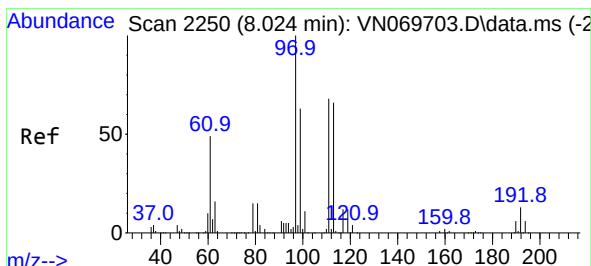
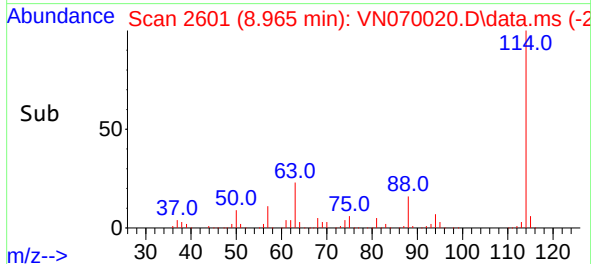
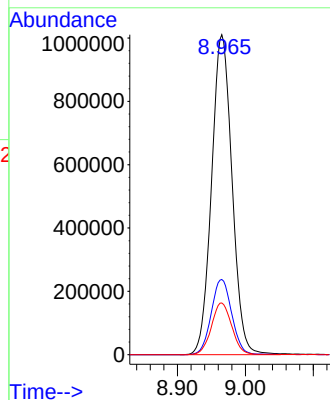
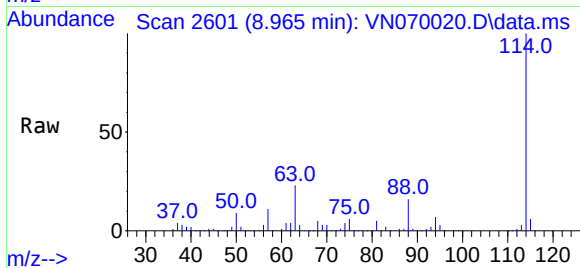
Tgt Ion:114 Resp: 2115769

Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.2 0.0 27.4



#35

Dibromofluoromethane

Concen: 48.336 ug/l

RT: 8.019 min Scan# 2248

Delta R.T. -0.005 min

Lab File: VN070020.D

Acq: 11 Dec 2021 20:19

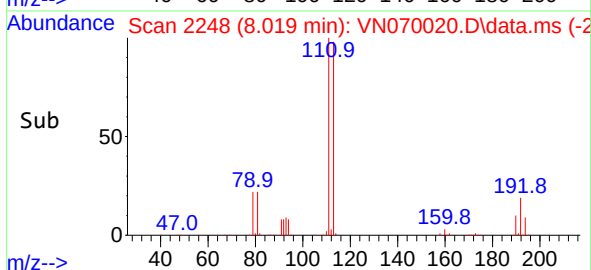
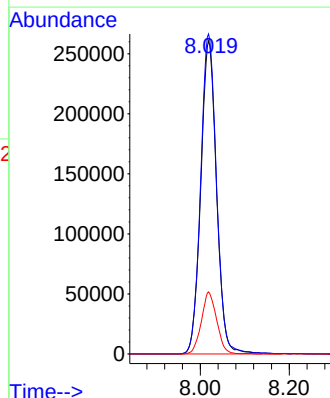
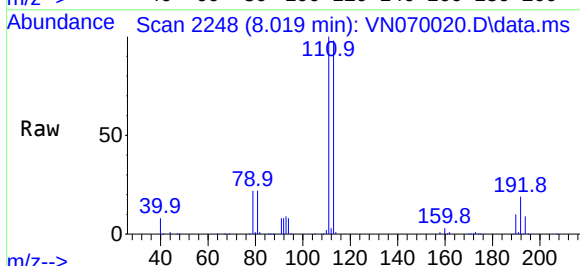
Tgt Ion:113 Resp: 640582

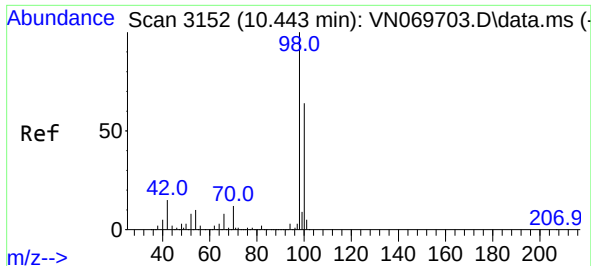
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

192 19.2 16.9 25.3

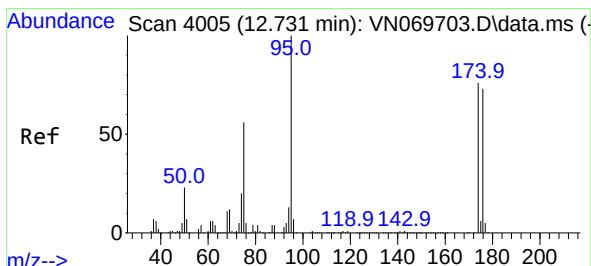
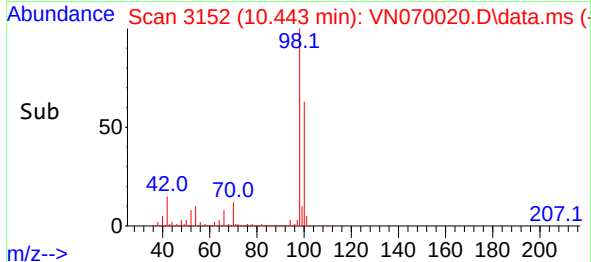
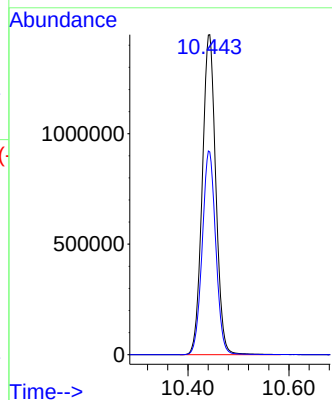
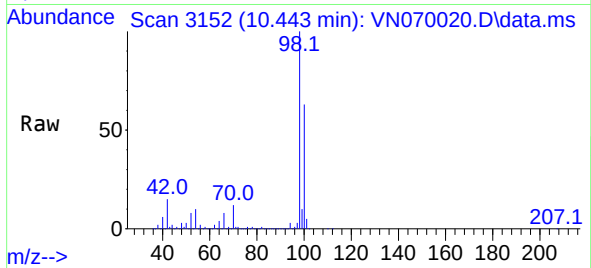




#50
Toluene-d8
Concen: 50.618 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070020.D
Acq: 11 Dec 2021 20:19

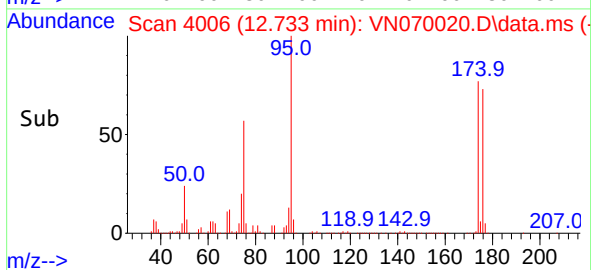
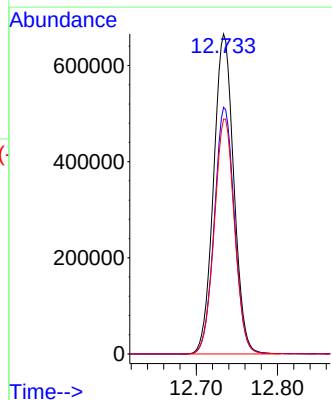
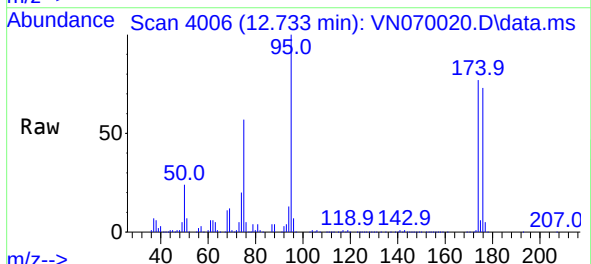
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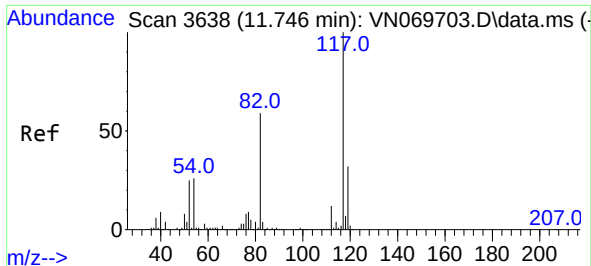
Tgt Ion: 98 Resp: 2693603
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 59.592 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN070020.D
Acq: 11 Dec 2021 20:19

Tgt Ion: 95 Resp: 1148831
Ion Ratio Lower Upper
95 100
174 77.0 0.0 187.2
176 73.6 0.0 181.4

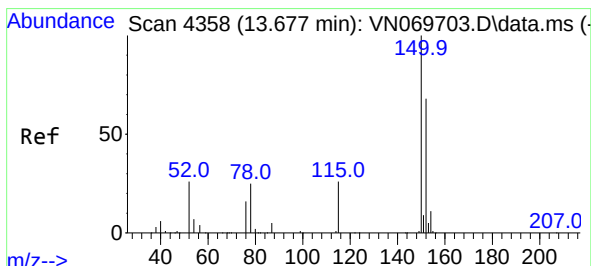
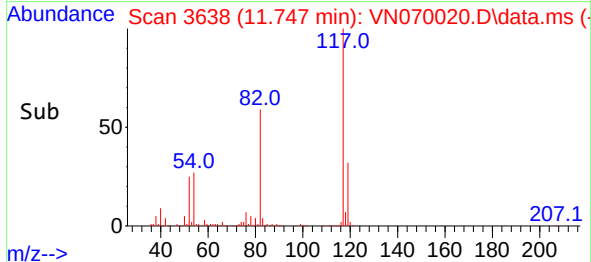
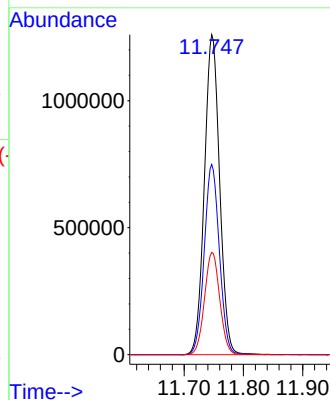
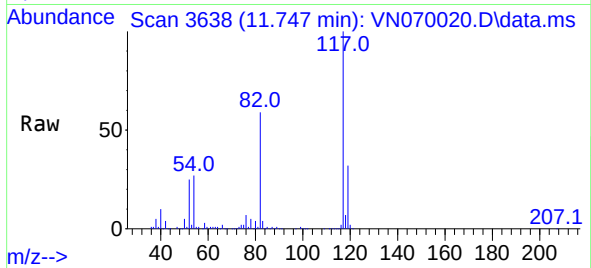




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070020.D
Acq: 11 Dec 2021 20:19

Instrument :
MSVOA_N
ClientSampleId :
TP-5S

Tgt Ion:117 Resp: 2244544
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN070020.D
Acq: 11 Dec 2021 20:19

Tgt Ion:152 Resp: 1077031
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 157.6 0.0 344.4

