

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122821\
 Data File : VN070333.D
 Acq On : 28 Dec 2021 18:45
 Operator : JC/MD
 Sample : M5224-04
 Misc : 4.99g/10Ml/100U1/5.00Ml/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-4

Quant Time: Dec 28 19:11:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

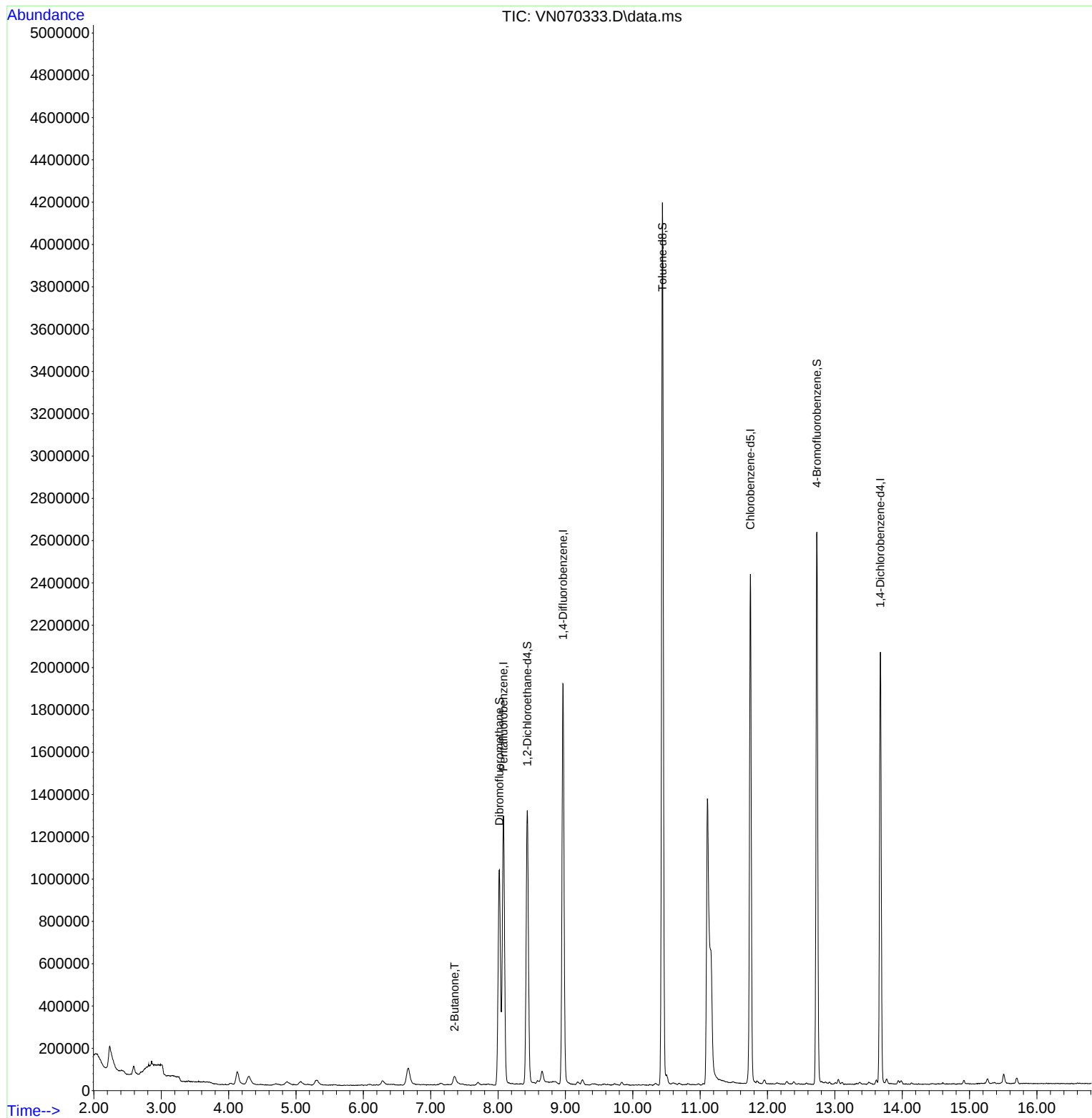
Internal Standards						
1) Pentafluorobenzene	8.080	168	975235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1647680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1380126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	560366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	1109054	79.094	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 158.180%#	
35) Dibromofluoromethane	8.019	113	759772	76.211	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 152.420%#	
50) Toluene-d8	10.440	98	2896798	71.130	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 142.260%#	
62) 4-Bromofluorobenzene	12.734	95	921425	62.643	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 125.280%	
Target Compounds						
25) 2-Butanone	7.353	43	93353	8.145	ug/l	Qvalue 93

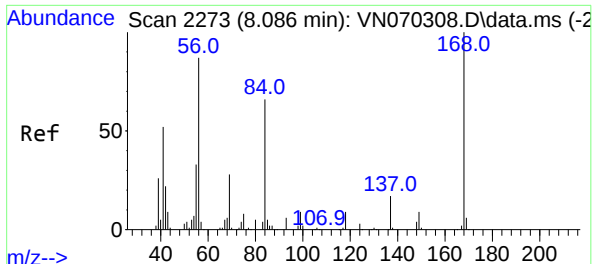
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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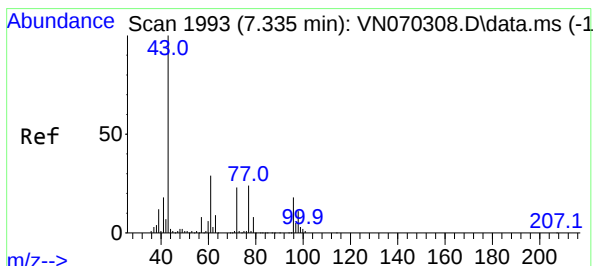
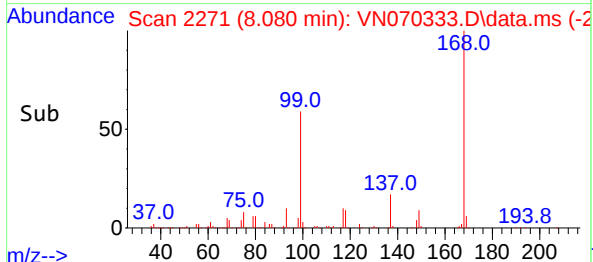
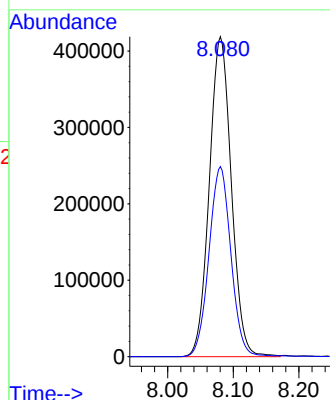
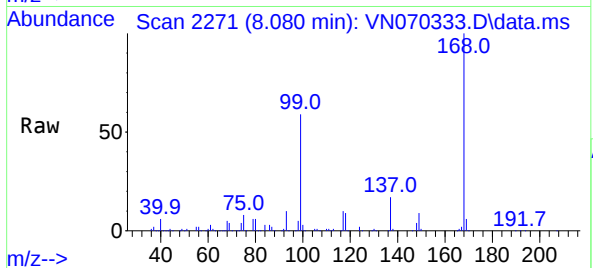




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070333.D
Acq: 28 Dec 2021 18:45

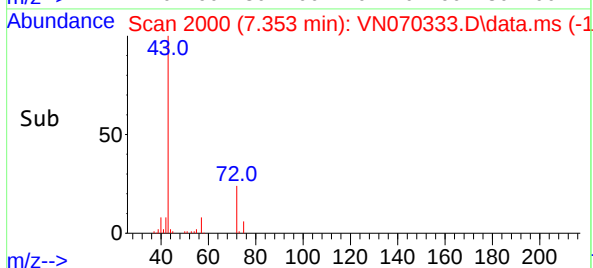
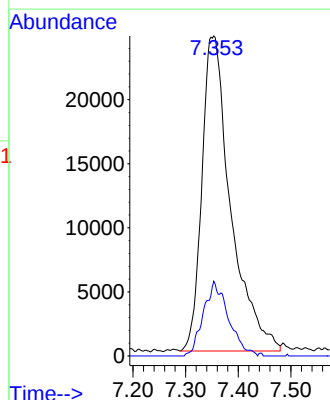
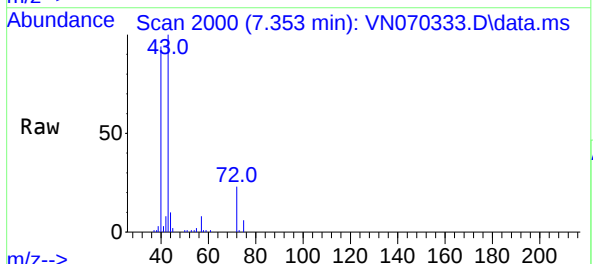
Instrument :
MSVOA_N
ClientSampleId :
SB-4

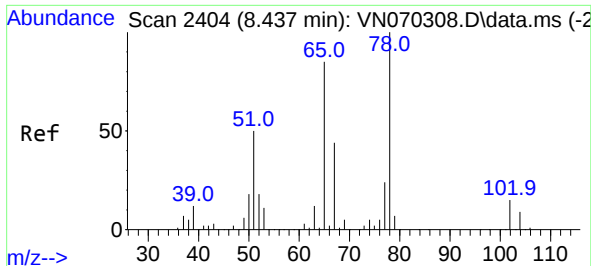
Tgt Ion:168 Resp: 975235
Ion Ratio Lower Upper
168 100
99 59.4 41.3 61.9



#25
2-Butanone
Concen: 8.145 ug/l
RT: 7.353 min Scan# 2000
Delta R.T. 0.018 min
Lab File: VN070333.D
Acq: 28 Dec 2021 18:45

Tgt Ion: 43 Resp: 93353
Ion Ratio Lower Upper
43 100
72 23.7 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 79.094 ug/l

RT: 8.434 min Scan# 24

Delta R.T. -0.003 min

Lab File: VN070333.D

Acq: 28 Dec 2021 18:45

Instrument :

MSVOA_N

ClientSampleId :

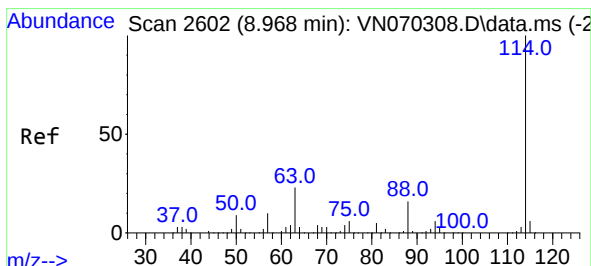
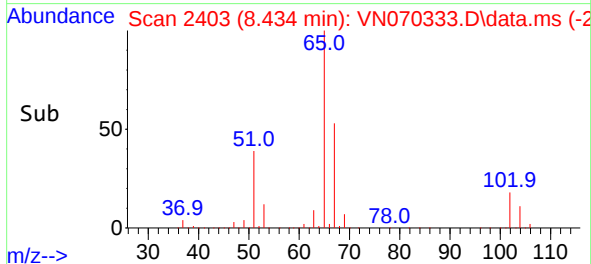
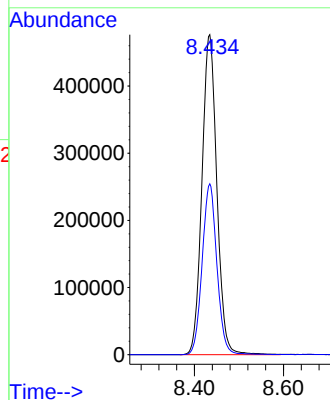
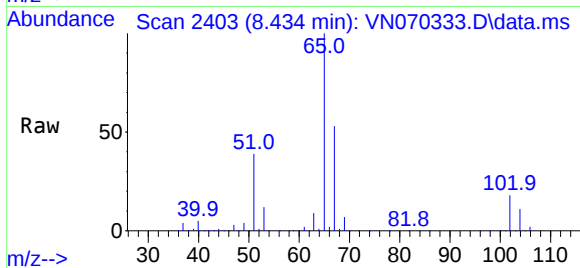
SB-4

Tgt Ion: 65 Resp: 1109054

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070333.D

Acq: 28 Dec 2021 18:45

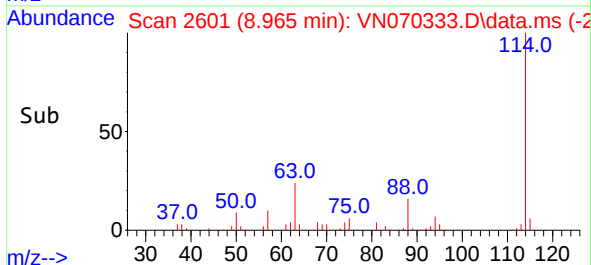
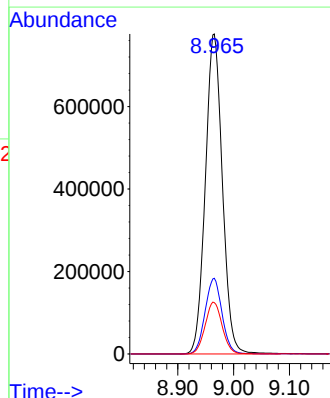
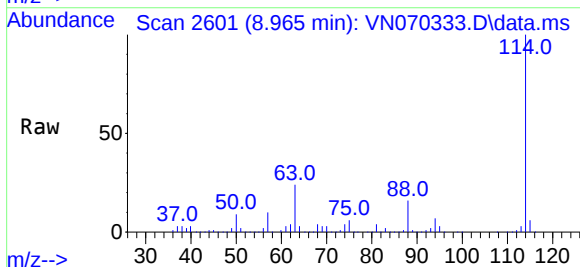
Tgt Ion: 114 Resp: 1647680

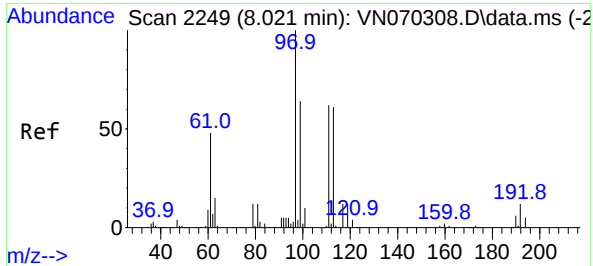
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

88 16.1 0.0 27.4

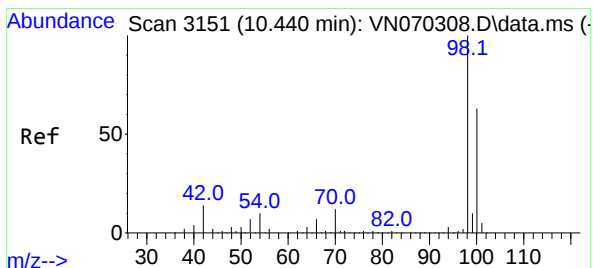
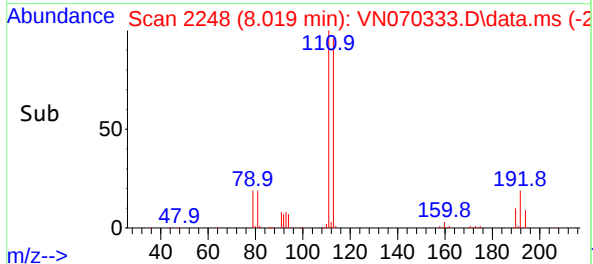
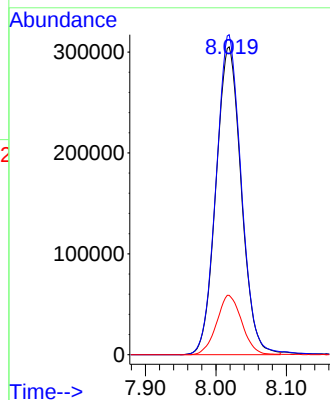
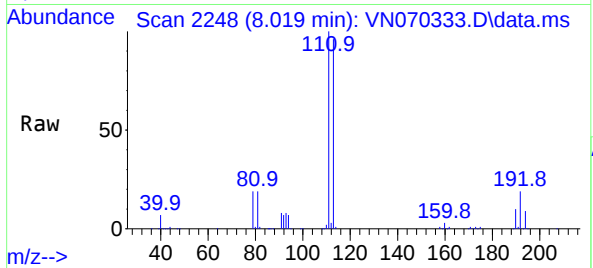




#35
Dibromofluoromethane
Concen: 76.211 ug/l
RT: 8.019 min Scan# 211
Delta R.T. -0.002 min
Lab File: VN070333.D
Acq: 28 Dec 2021 18:45

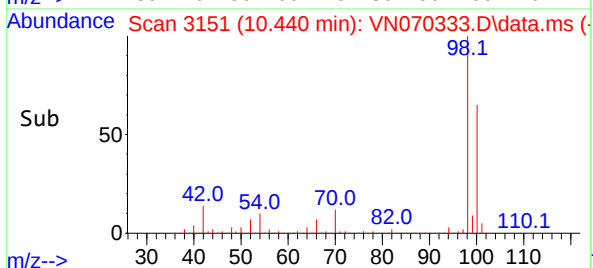
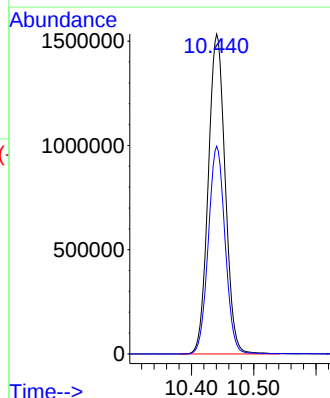
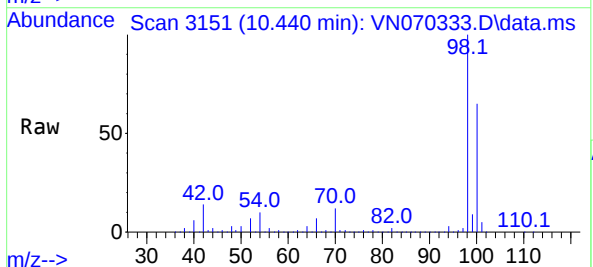
Instrument :
MSVOA_N
ClientSampleId :
SB-4

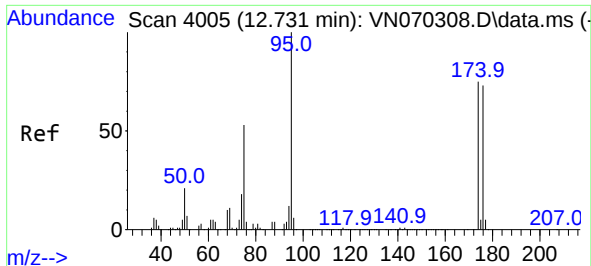
Tgt Ion:113 Resp: 759772
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 71.130 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070333.D
Acq: 28 Dec 2021 18:45

Tgt Ion: 98 Resp: 2896798
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6

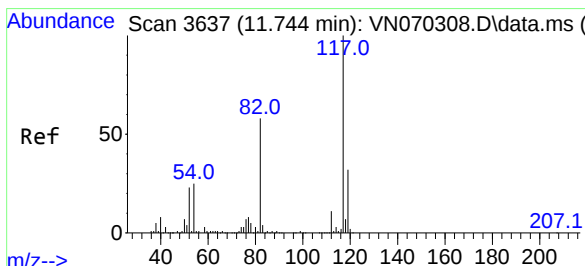
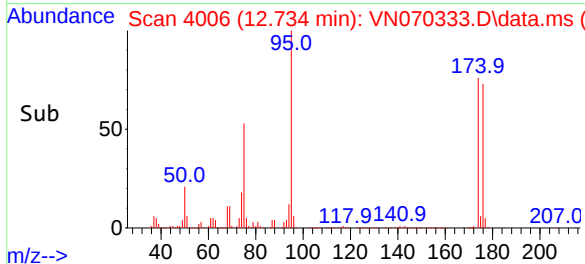
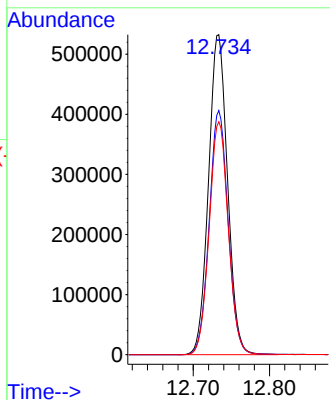
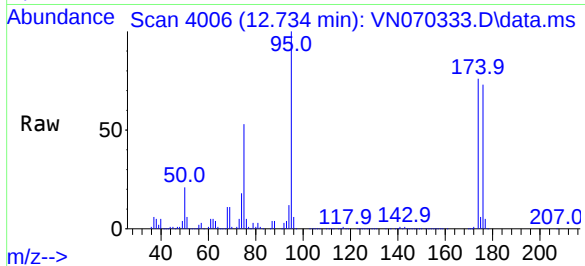




#62
4-Bromofluorobenzene
Concen: 62.643 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070333.D
Acq: 28 Dec 2021 18:45

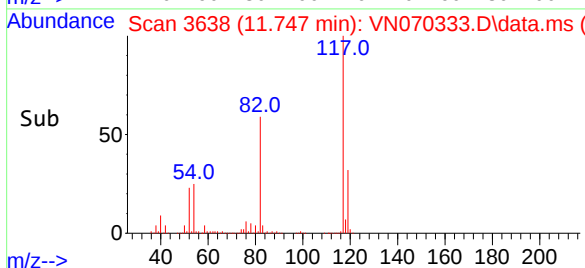
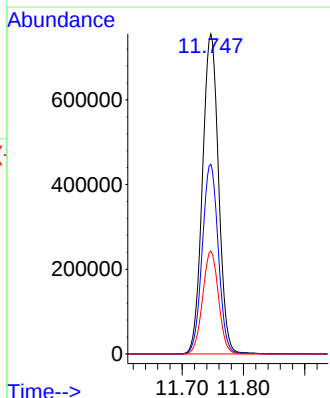
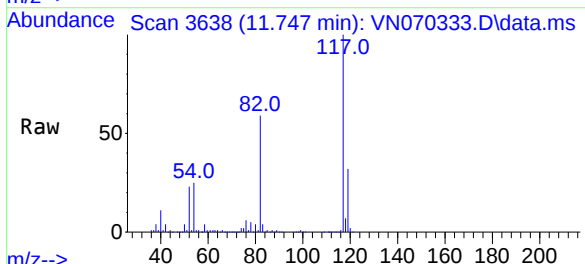
Instrument :
MSVOA_N
ClientSampleId :
SB-4

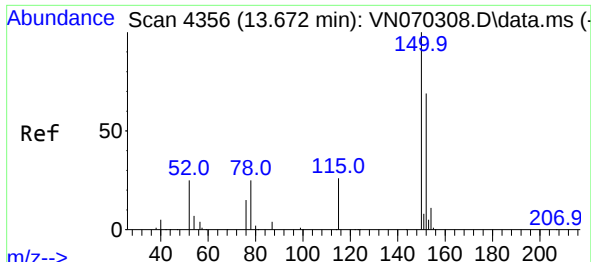
Tgt Ion: 95 Resp: 921425
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.003 min
Lab File: VN070333.D
Acq: 28 Dec 2021 18:45

Tgt Ion: 117 Resp: 1380126
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 32.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 41

Delta R.T. 0.003 min

Lab File: VN070333.D

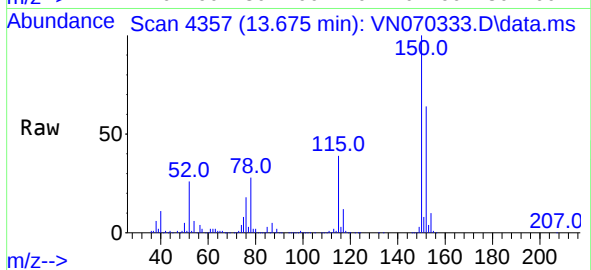
Acq: 28 Dec 2021 18:45

Instrument :

MSVOA_N

ClientSampleId :

SB-4



Tgt Ion:152 Resp: 560366

Ion Ratio Lower Upper

152 100

115 60.5 27.5 82.5

150 157.7 0.0 344.4

