

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120121\
 Data File : VN069695.D
 Acq On : 1 Dec 2021 17:00
 Operator : JC/MD
 Sample : M4892-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MID-1221

Quant Time: Dec 02 07:26:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

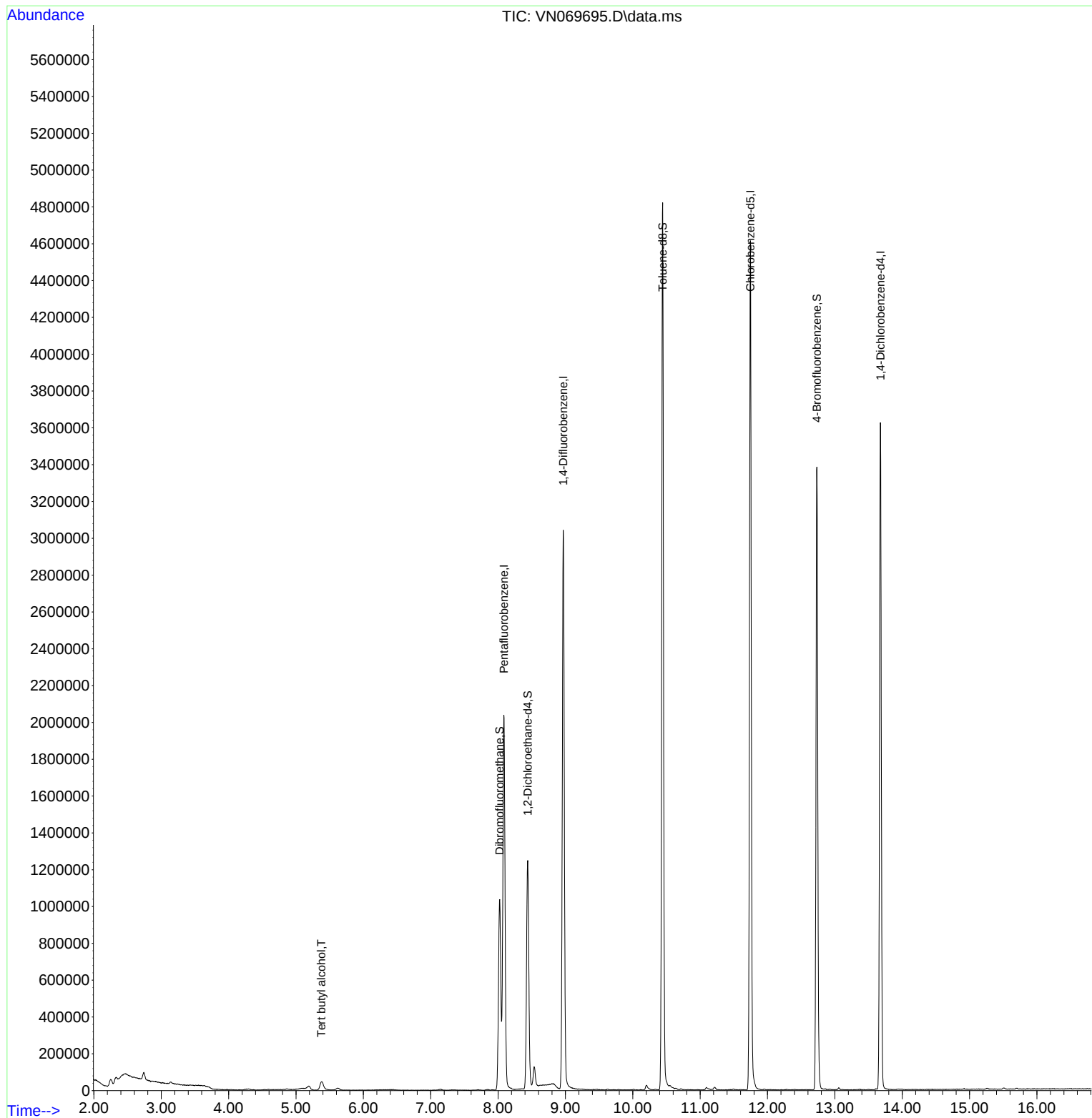
Internal Standards						
1) Pentafluorobenzene	8.088	168	1490827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2591504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2602725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	984913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1098329	50.810	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.620%
35) Dibromofluoromethane	8.024	113	761077	48.967	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.940%
50) Toluene-d8	10.443	98	3273285	53.547	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.100%
62) 4-Bromofluorobenzene	12.733	95	1190303	53.004	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.000%
Target Compounds						
11) Tert butyl alcohol	5.377	59	81510	20.926	ug/l	Qvalue 99

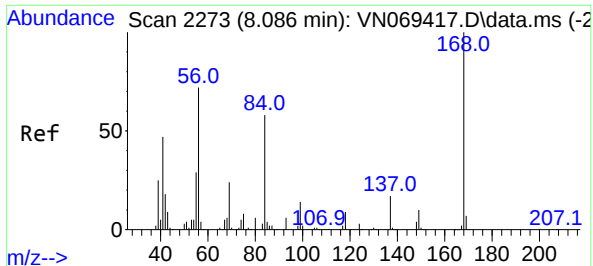
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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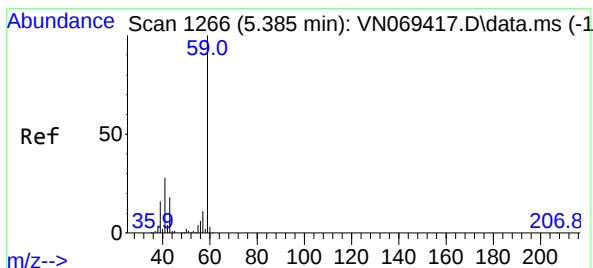
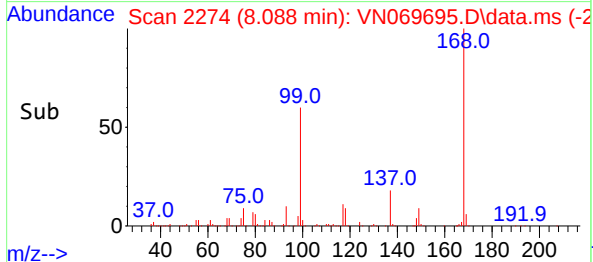
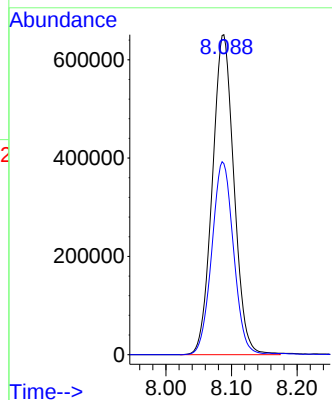
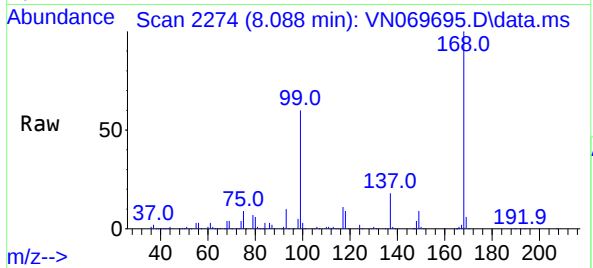




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069695.D
Acq: 1 Dec 2021 17:00

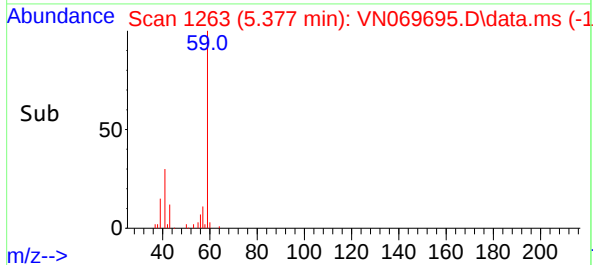
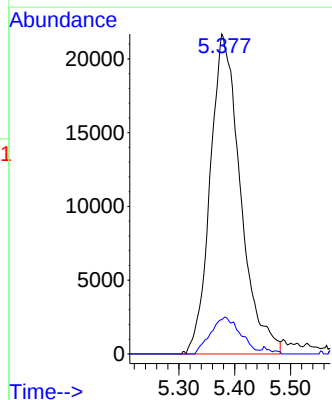
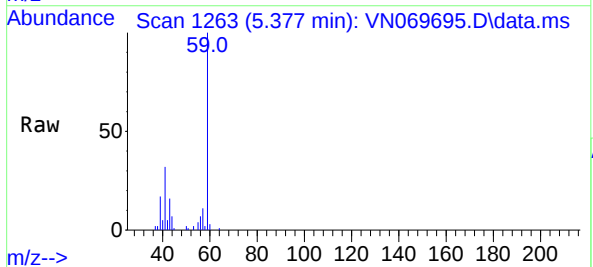
Instrument :
MSVOA_N
ClientSampleId :
MID-1221

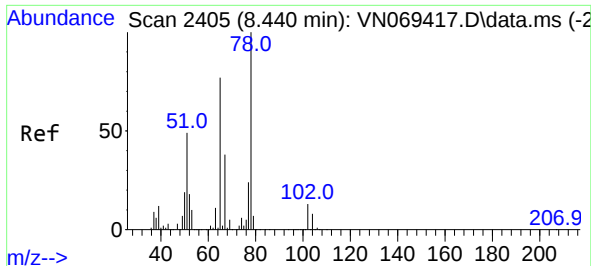
Tgt Ion:168 Resp: 1490827
Ion Ratio Lower Upper
168 100
99 59.7 41.3 61.9



#11
Tert butyl alcohol
Concen: 20.926 ug/l
RT: 5.377 min Scan# 1263
Delta R.T. -0.008 min
Lab File: VN069695.D
Acq: 1 Dec 2021 17:00

Tgt Ion: 59 Resp: 81510
Ion Ratio Lower Upper
59 100
57 11.3 8.7 13.1





#33

1,2-Dichloroethane-d4

Concen: 50.810 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069695.D

Acq: 1 Dec 2021 17:00

Instrument :

MSVOA_N

ClientSampleId :

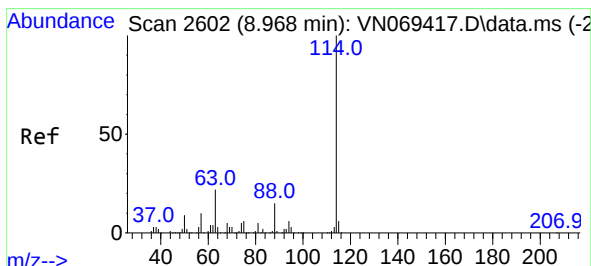
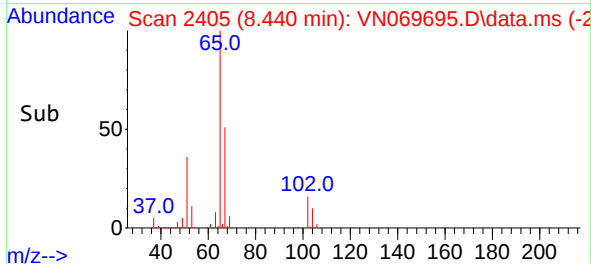
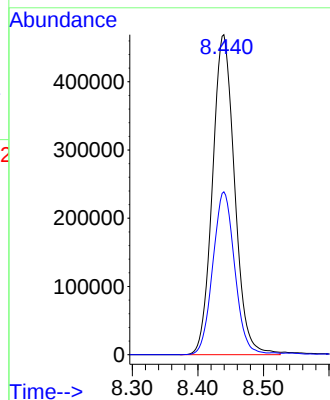
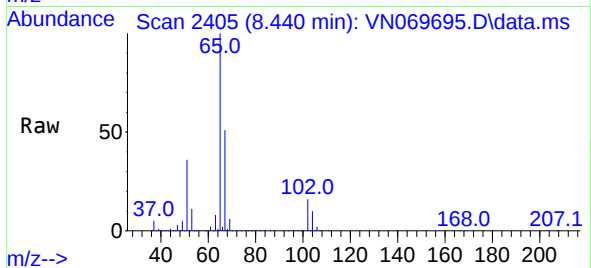
MID-1221

Tgt Ion: 65 Resp: 1098329

Ion Ratio Lower Upper

65 100

67 50.4 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: VN069695.D

Acq: 1 Dec 2021 17:00

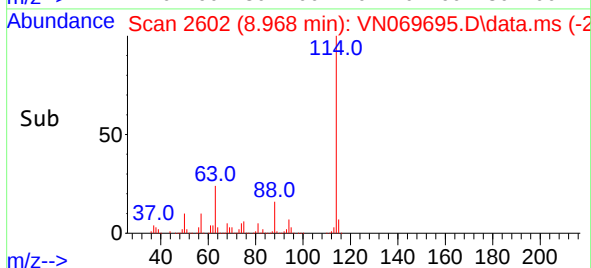
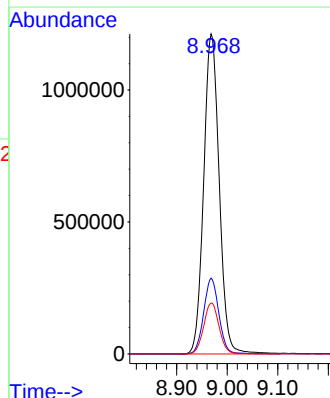
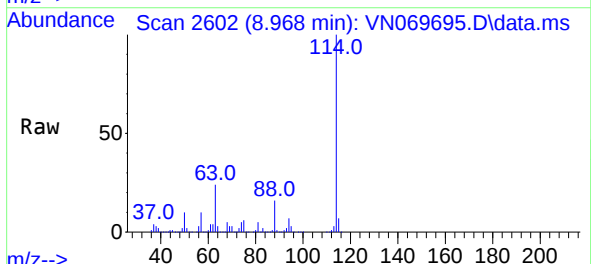
Tgt Ion: 114 Resp: 2591504

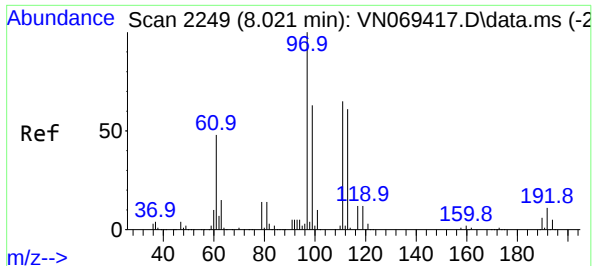
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

88 15.9 0.0 27.4

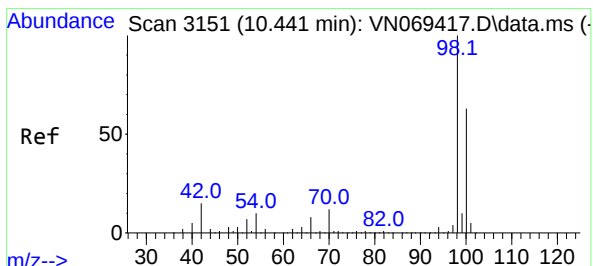
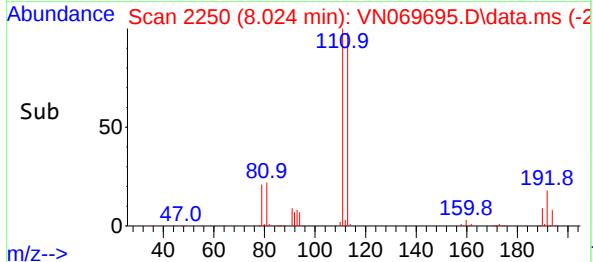
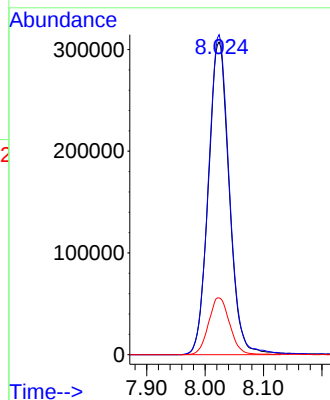
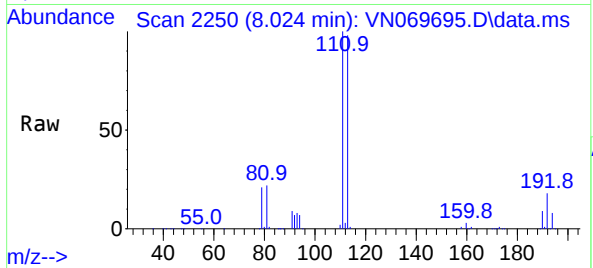




#35
Dibromofluoromethane
Concen: 48.967 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN069695.D
Acq: 1 Dec 2021 17:00

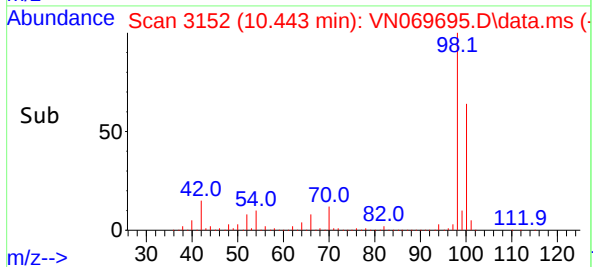
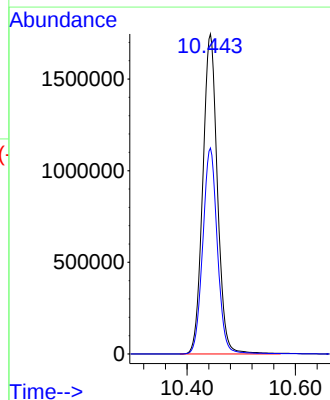
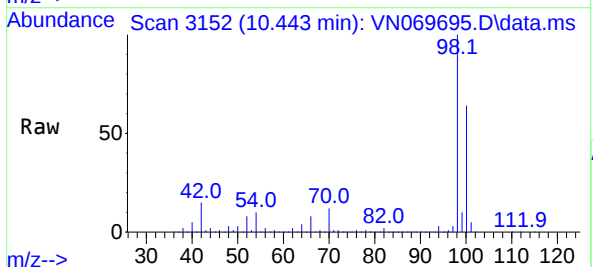
Instrument :
MSVOA_N
ClientSampleId :
MID-1221

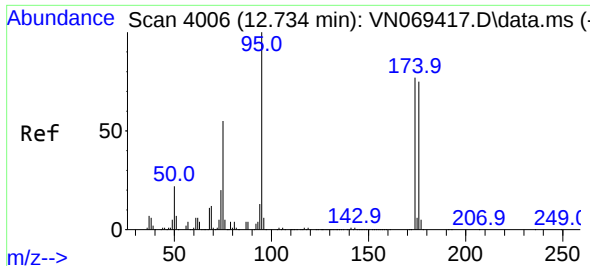
Tgt Ion:113 Resp: 761077
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 18.5 16.9 25.3



#50
Toluene-d8
Concen: 53.547 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069695.D
Acq: 1 Dec 2021 17:00

Tgt Ion: 98 Resp: 3273285
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

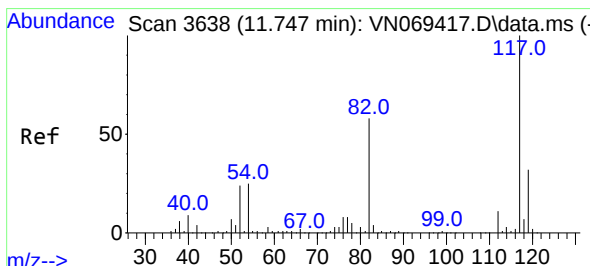
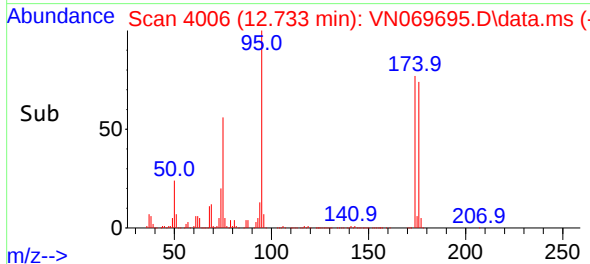
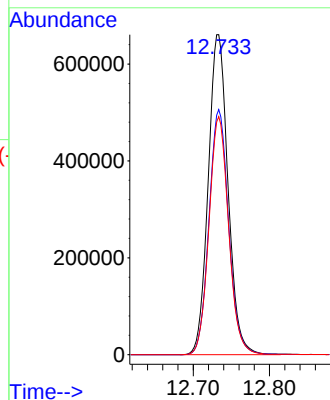
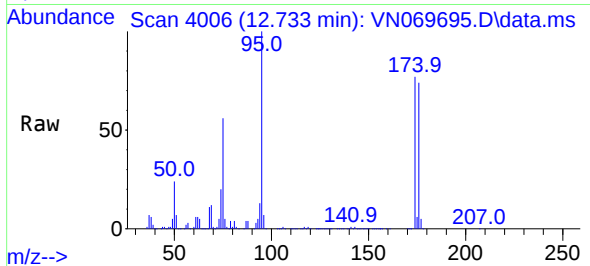




#62
4-Bromofluorobenzene
Concen: 53.004 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069695.D
Acq: 1 Dec 2021 17:00

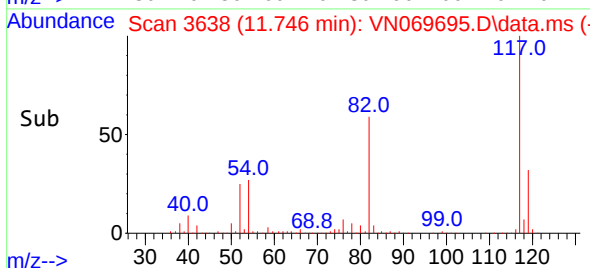
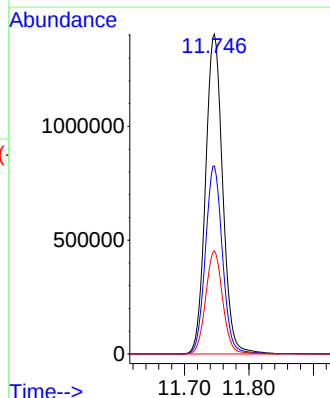
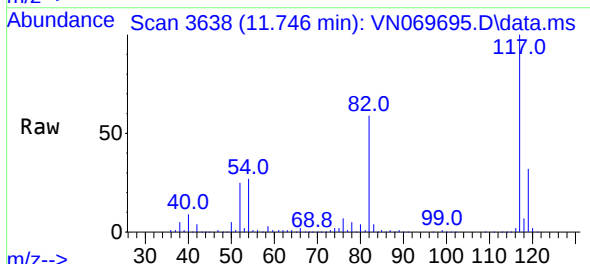
Instrument :
MSVOA_N
ClientSampleId :
MID-1221

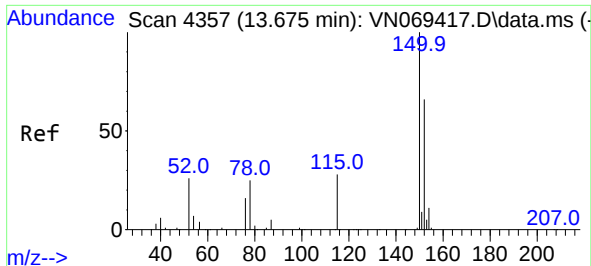
Tgt Ion: 95 Resp: 1190303
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 73.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069695.D
Acq: 1 Dec 2021 17:00

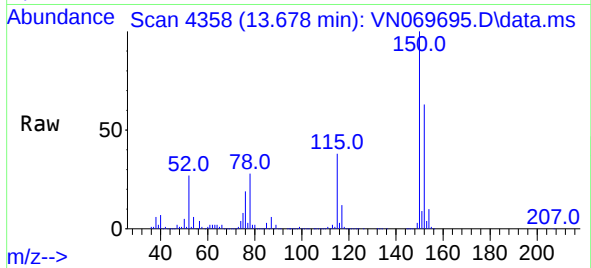
Tgt Ion: 117 Resp: 2602725
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 32.2 25.4 38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 41
Delta R.T. 0.002 min
Lab File: VN069695.D
Acq: 1 Dec 2021 17:00

Instrument :
MSVOA_N
ClientSampleId :
MID-1221



Tgt Ion:152 Resp: 984913
Ion Ratio Lower Upper
152 100
115 59.9 27.5 82.5
150 157.0 0.0 344.4

