

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122821\
 Data File : VN070328.D
 Acq On : 28 Dec 2021 16:38
 Operator : JC/MD
 Sample : M5197-03 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1231

Quant Time: Dec 28 17:20:26 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)

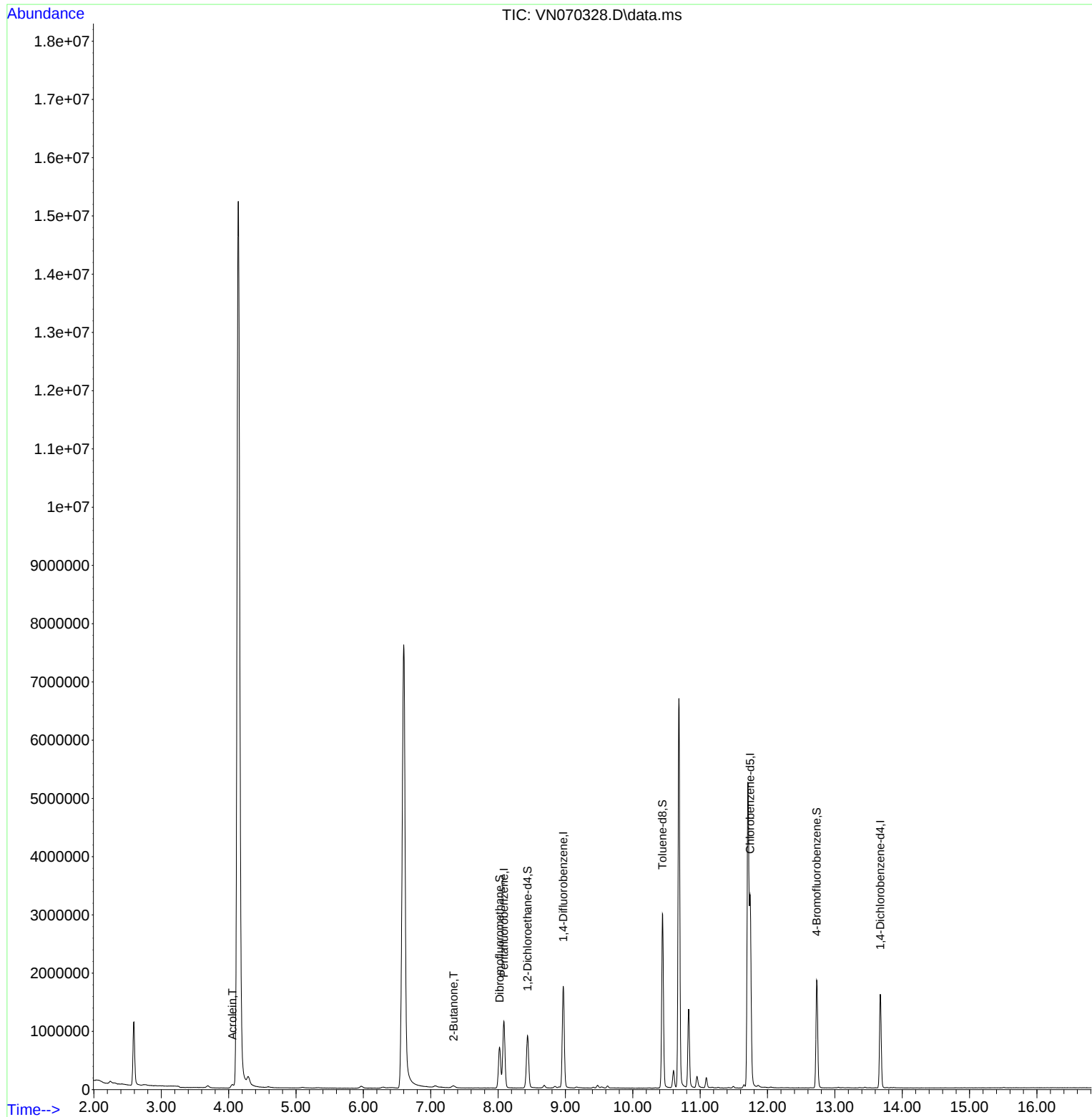
Internal Standards						
1) Pentafluorobenzene	8.088	168	876568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1506927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1396083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	441439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	741211	58.811	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	117.620%
35) Dibromofluoromethane	8.021	113	520913	57.132	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	114.260%
50) Toluene-d8	10.440	98	1991374	53.465	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.920%
62) 4-Bromofluorobenzene	12.731	95	687497	51.105	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.200%
Target Compounds						
						Qvalue
13) Acrolein	4.055	56	84997	49.918	ug/l	96
25) 2-Butanone	7.340	43	40559	3.937	ug/l	95

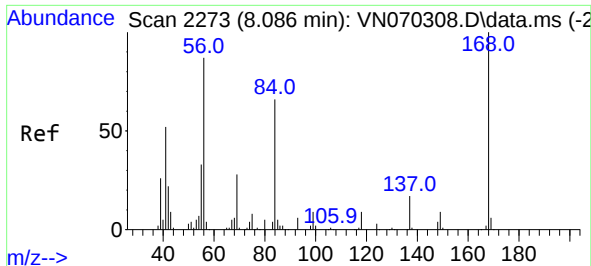
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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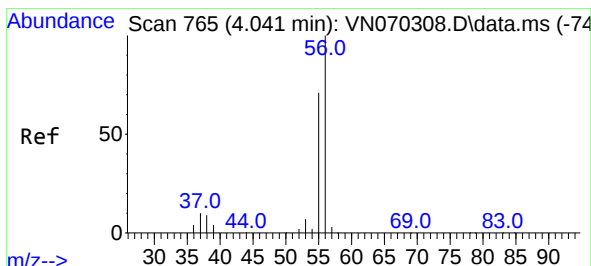
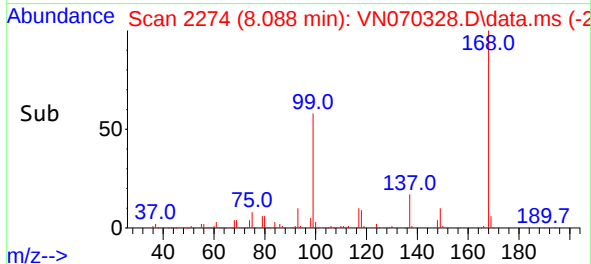
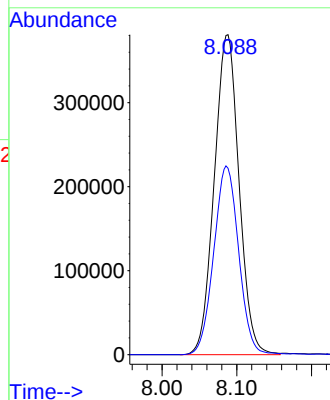
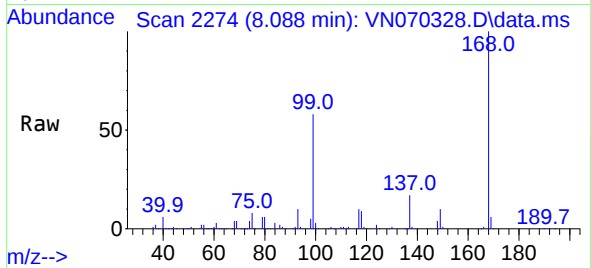




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070328.D
Acq: 28 Dec 2021 16:38

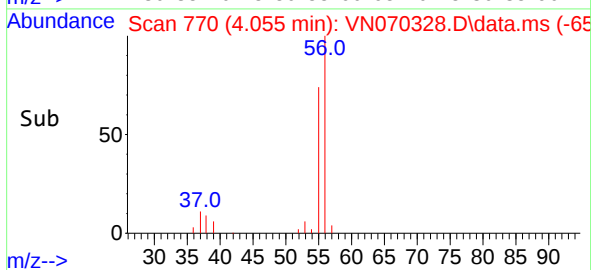
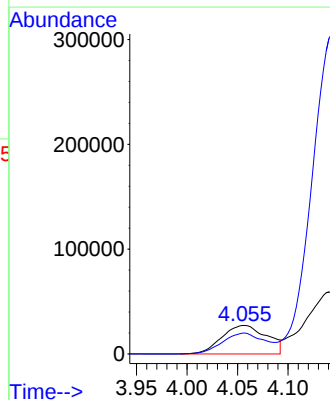
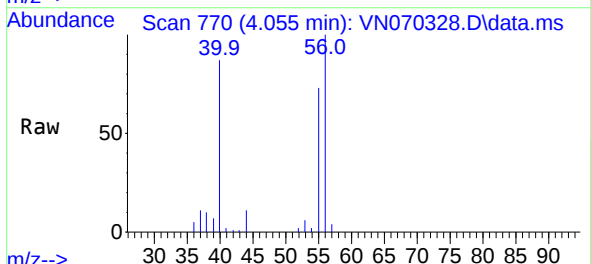
Instrument :
MSVOA_N
ClientSampleId :
AUD-1231

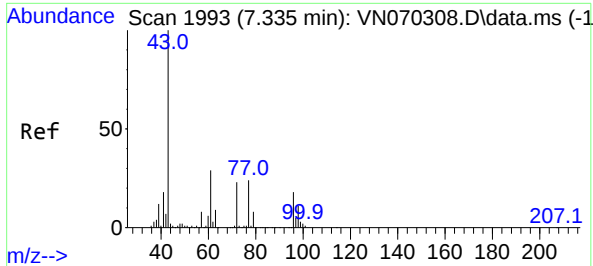
Tgt Ion:168 Resp: 876568
Ion Ratio Lower Upper
168 100
99 58.2 41.3 61.9



#13
Acrolein
Concen: 49.918 ug/l
RT: 4.055 min Scan# 770
Delta R.T. 0.014 min
Lab File: VN070328.D
Acq: 28 Dec 2021 16:38

Tgt Ion: 56 Resp: 84997
Ion Ratio Lower Upper
56 100
55 67.8 56.6 85.0

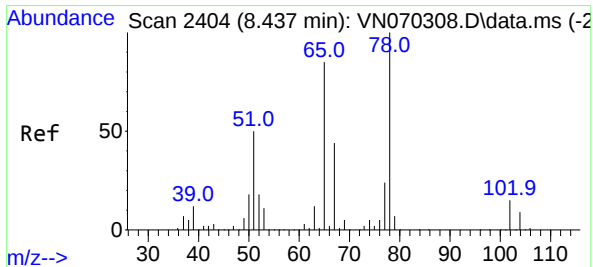
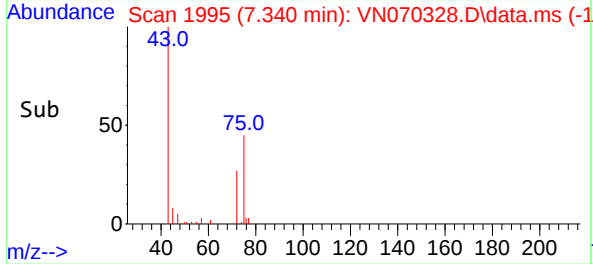
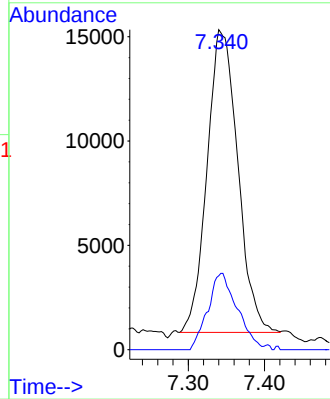
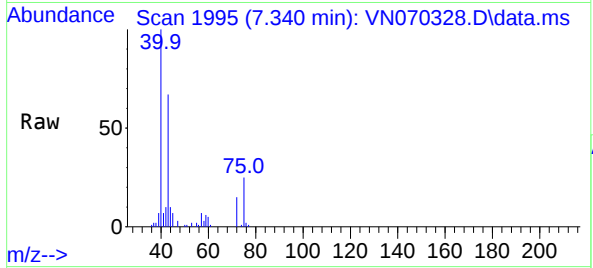




#25
2-Butanone
Concen: 3.937 ug/l
RT: 7.340 min Scan# 1993
Delta R.T. 0.005 min
Lab File: VN070328.D
Acq: 28 Dec 2021 16:38

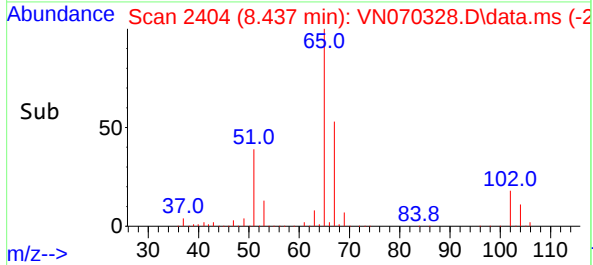
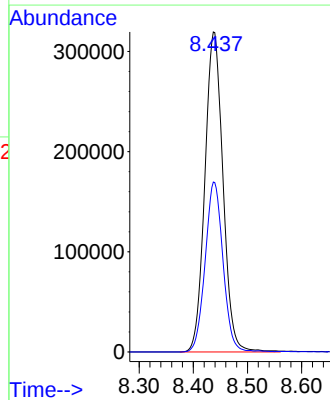
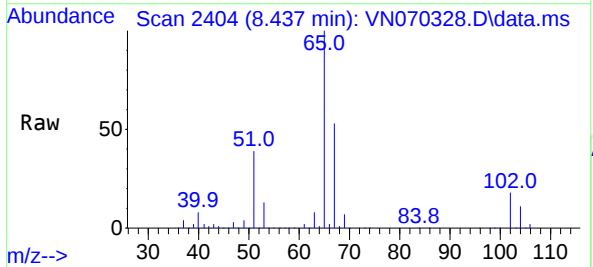
Instrument :
MSVOA_N
ClientSampleId :
AUD-1231

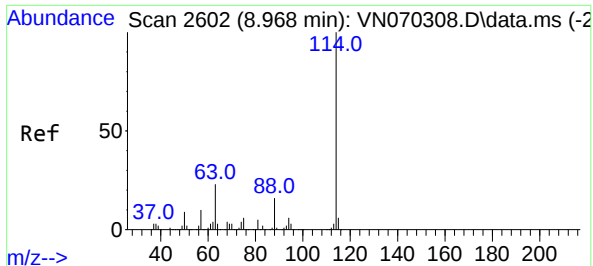
Tgt Ion: 43 Resp: 40559
Ion Ratio Lower Upper
43 100
72 24.4 21.7 32.5



#33
1,2-Dichloroethane-d4
Concen: 58.811 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070328.D
Acq: 28 Dec 2021 16:38

Tgt Ion: 65 Resp: 741211
Ion Ratio Lower Upper
65 100
67 52.2 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: VN070328.D

Acq: 28 Dec 2021 16:38

Instrument :

MSVOA_N

ClientSampleId :

AUD-1231

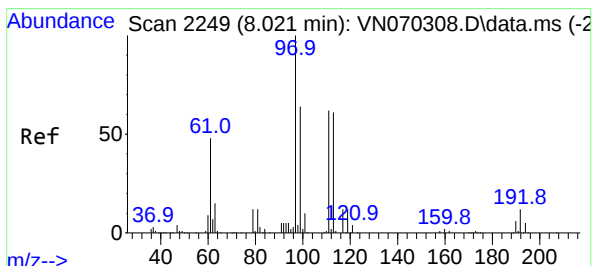
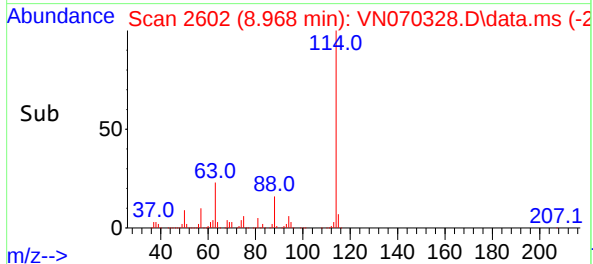
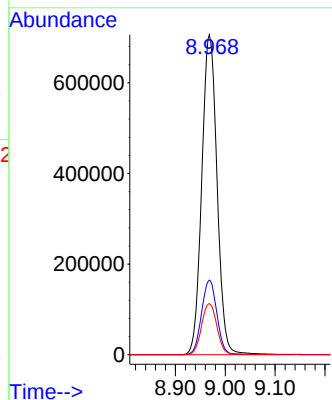
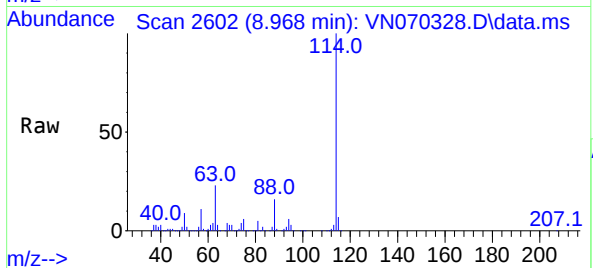
Tgt Ion:114 Resp: 1506927

Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

88 15.9 0.0 27.4



#35

Dibromofluoromethane

Concen: 57.132 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070328.D

Acq: 28 Dec 2021 16:38

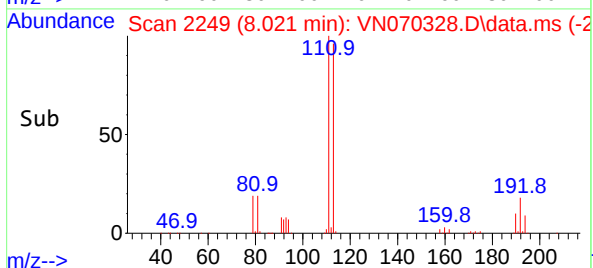
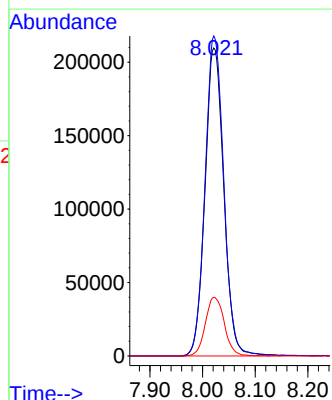
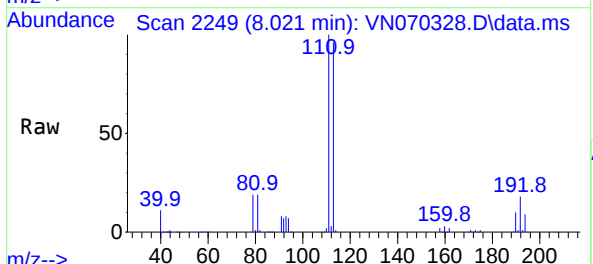
Tgt Ion:113 Resp: 520913

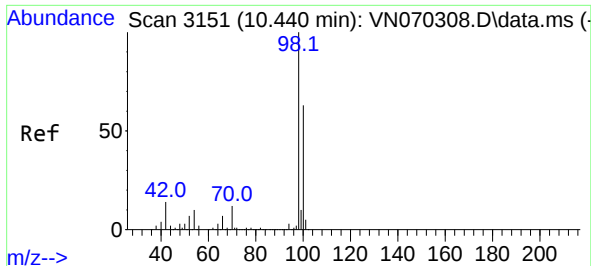
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.2

192 19.2 16.9 25.3

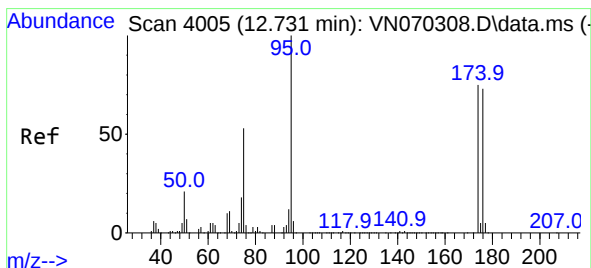
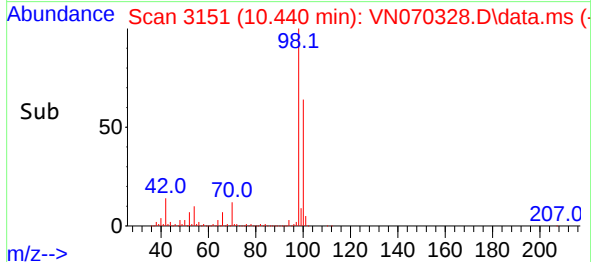
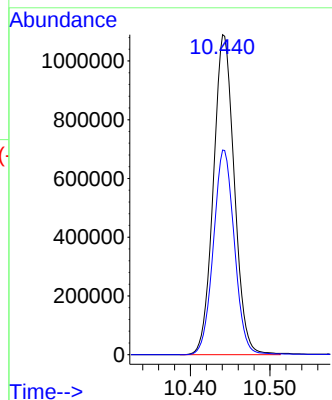
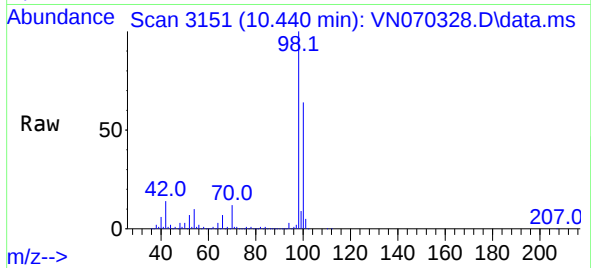




#50
Toluene-d8
Concen: 53.465 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070328.D
Acq: 28 Dec 2021 16:38

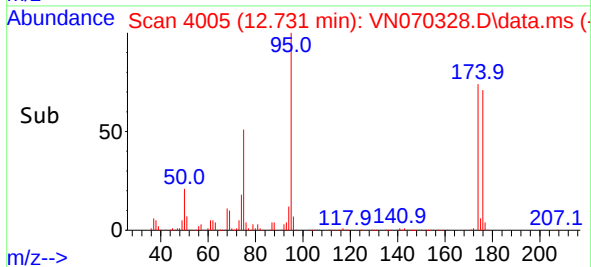
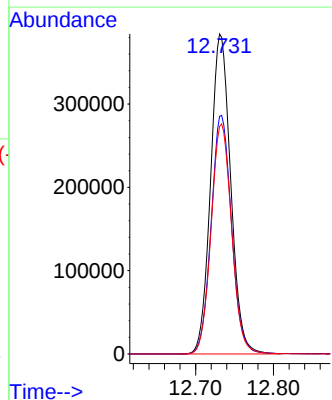
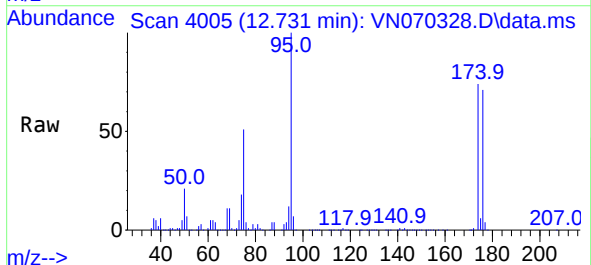
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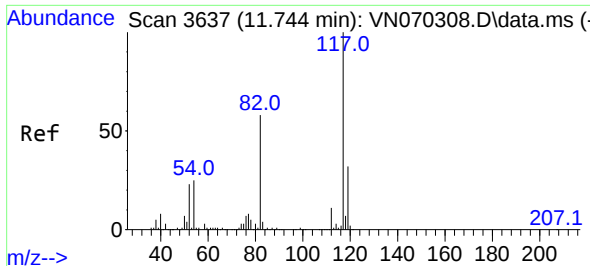
Tgt Ion: 98 Resp: 1991374
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 51.105 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070328.D
Acq: 28 Dec 2021 16:38

Tgt Ion: 95 Resp: 687497
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 73.1 0.0 181.4

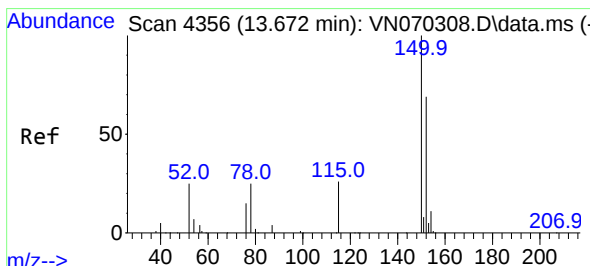
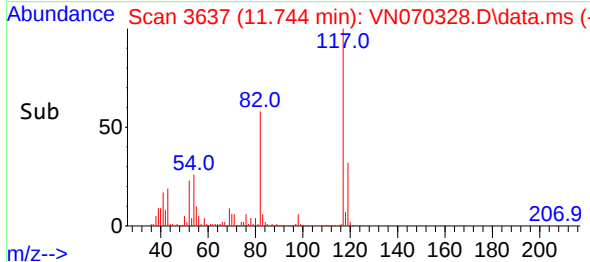
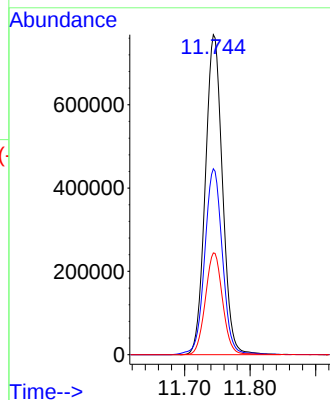
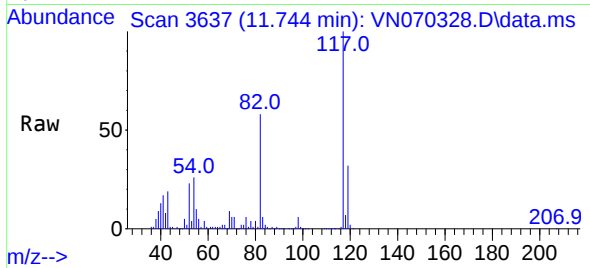




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN070328.D
Acq: 28 Dec 2021 16:38

Instrument :
MSVOA_N
ClientSampleId :
AUD-1231

Tgt Ion:117 Resp: 1396083
Ion Ratio Lower Upper
117 100
82 58.0 42.4 63.6
119 31.8 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: VN070328.D
Acq: 28 Dec 2021 16:38

Tgt Ion:152 Resp: 441439
Ion Ratio Lower Upper
152 100
115 59.9 27.5 82.5
150 158.0 0.0 344.4

