

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070354.D
 Acq On : 29 Dec 2021 17:32
 Operator : JC/MD
 Sample : M5115-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-2021-12-15

Quant Time: Dec 30 01:51:37 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)

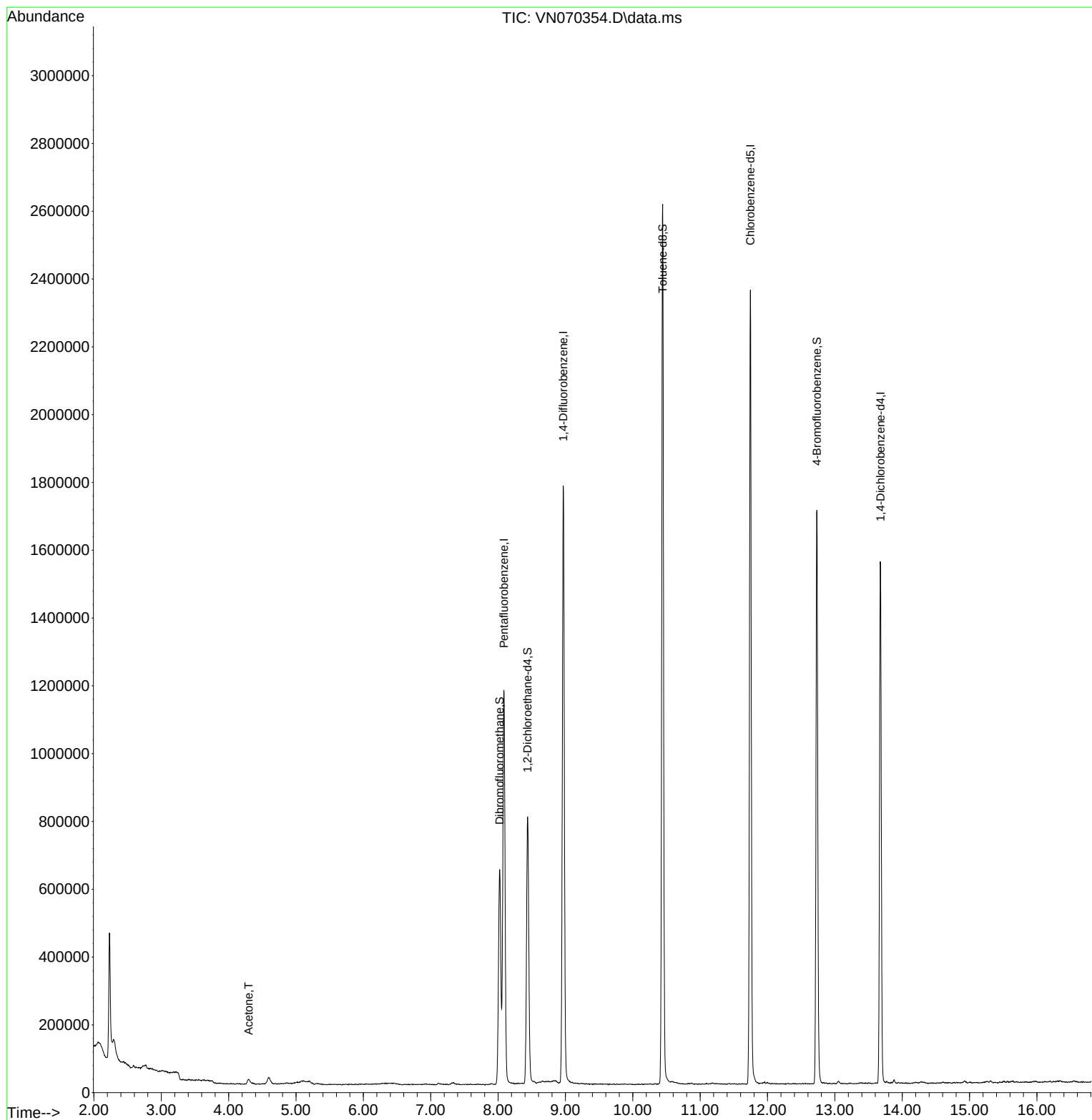
Internal Standards						
1) Pentafluorobenzene	8.088	168	886317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1509206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1343969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	431837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	672587	52.779	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.560%	
35) Dibromofluoromethane	8.024	113	479715	52.534	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.060%	
50) Toluene-d8	10.443	98	1788571	47.947	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 95.900%	
62) 4-Bromofluorobenzene	12.734	95	609187	45.215	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 90.440%	
Target Compounds						Qvalue
16) Acetone	4.296	43	22761	2.751	ug/l	92

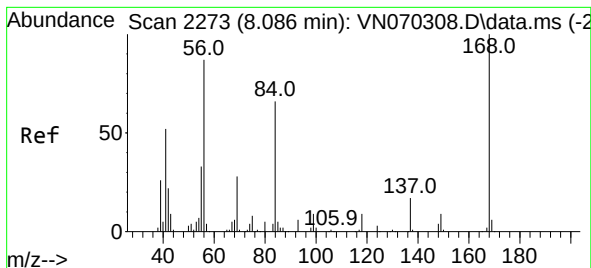
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN070354.D

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MSVOA_N

ClientSampleId :

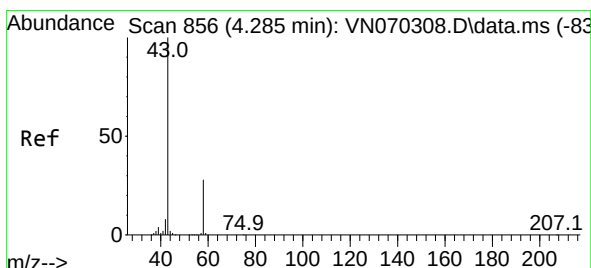
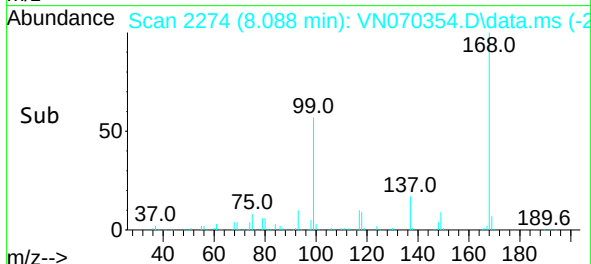
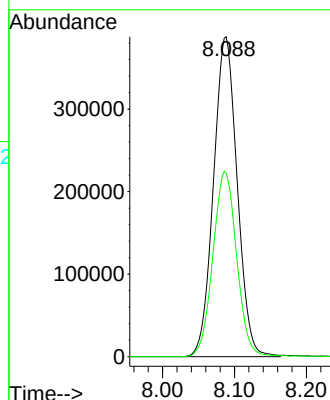
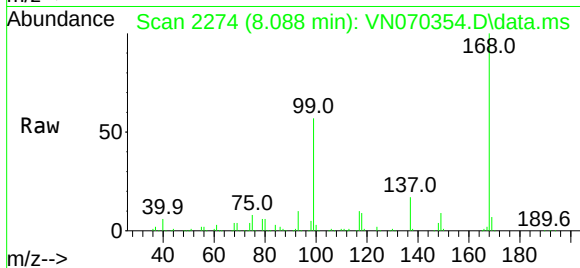
TB-2021-12-15

Tgt Ion:168 Resp: 886317

Ion Ratio Lower Upper

168 100

99 57.3 41.3 61.9



#16

Acetone

Concen: 2.751 ug/l

RT: 4.296 min Scan# 860

Delta R.T. 0.011 min

Lab File: VN070354.D

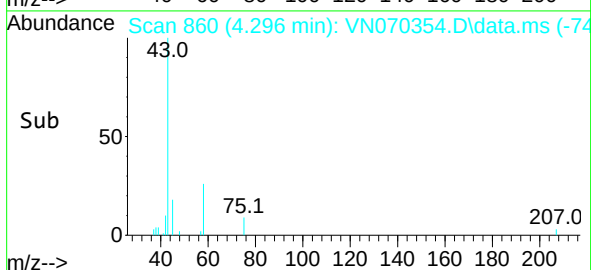
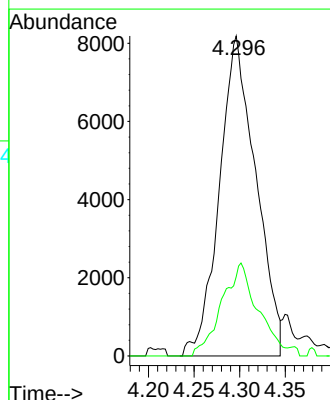
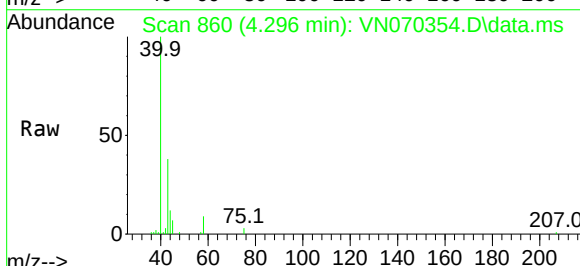
Acq: 29 Dec 2021 17:32

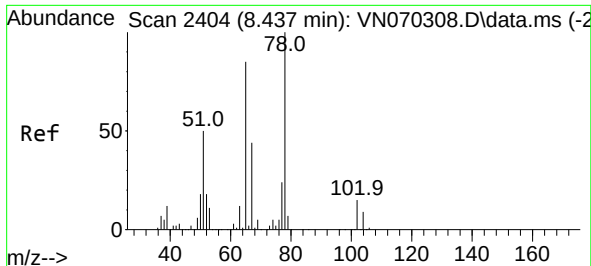
Tgt Ion: 43 Resp: 22761

Ion Ratio Lower Upper

43 100

58 24.8 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 52.779 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070354.D

Acq: 29 Dec 2021 17:32

Instrument :

MSVOA_N

ClientSampleId :

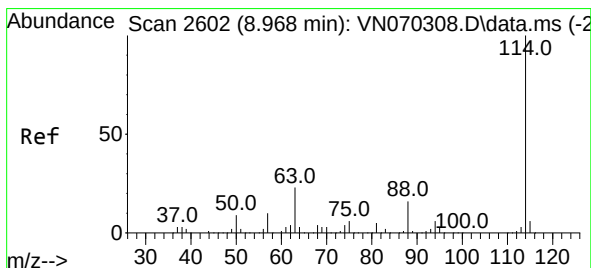
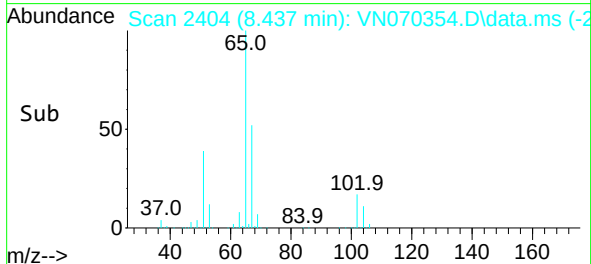
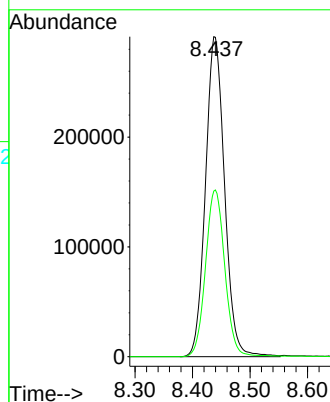
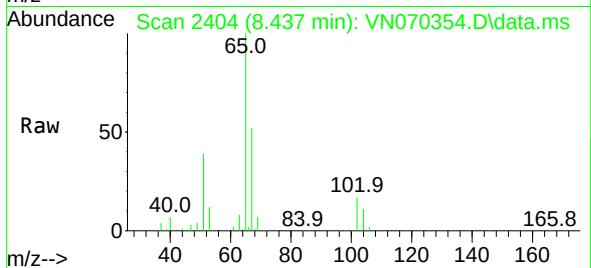
TB-2021-12-15

Tgt Ion: 65 Resp: 672587

Ion Ratio Lower Upper

65 100

67 52.4 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: VN070354.D

Acq: 29 Dec 2021 17:32

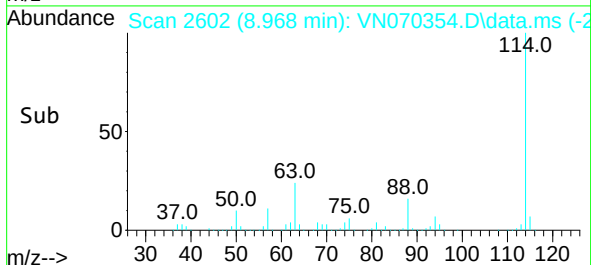
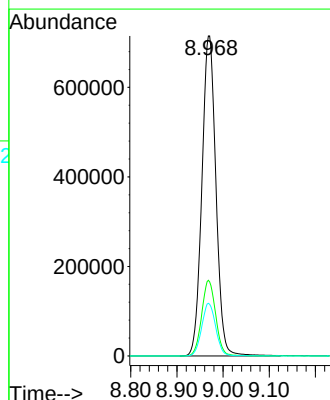
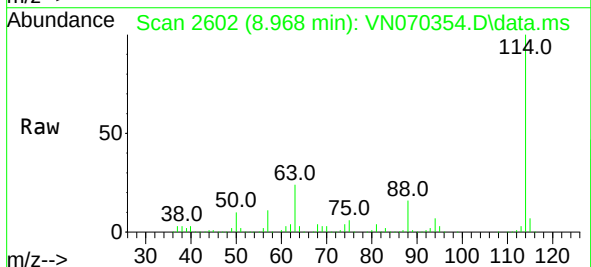
Tgt Ion: 114 Resp: 1509206

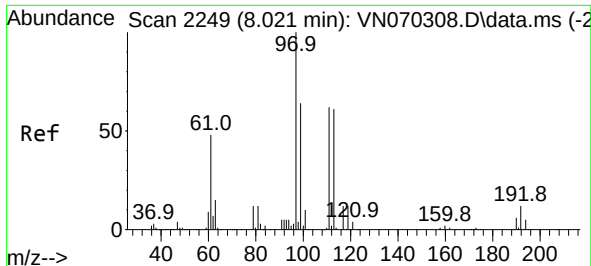
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

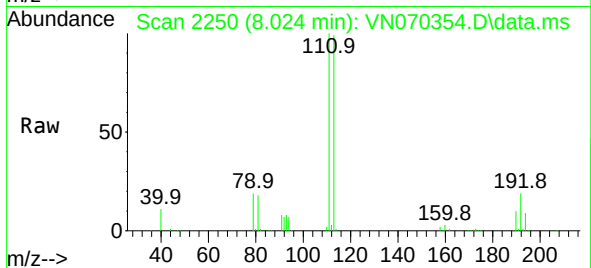
88 16.5 0.0 27.4



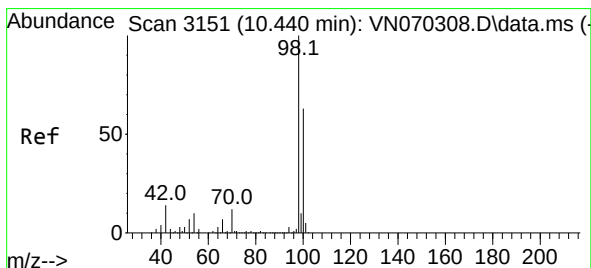
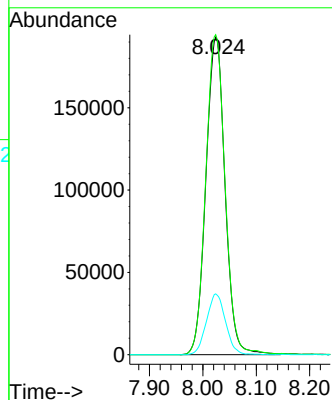
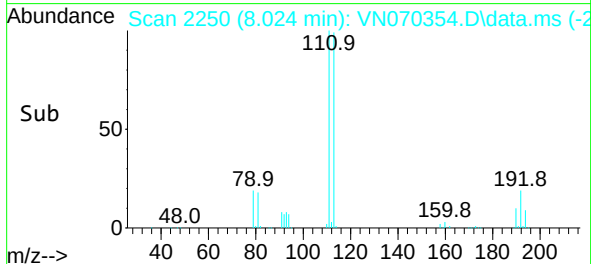


#35
 Dibromofluoromethane
 Concen: 52.534 ug/l
 RT: 8.024 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VN070354.D
 Acq: 29 Dec 2021 17:32

Instrument :
 MSVOA_N
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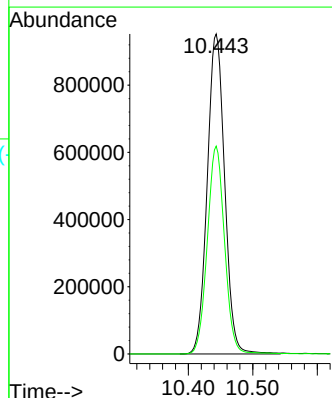
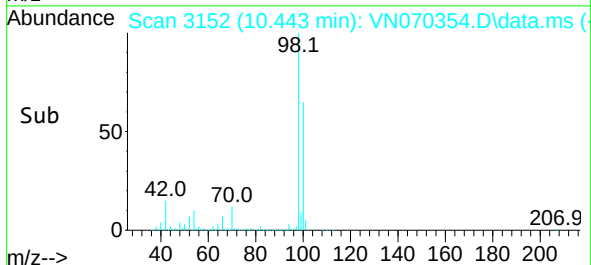
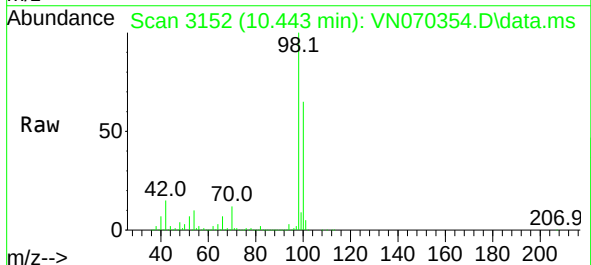


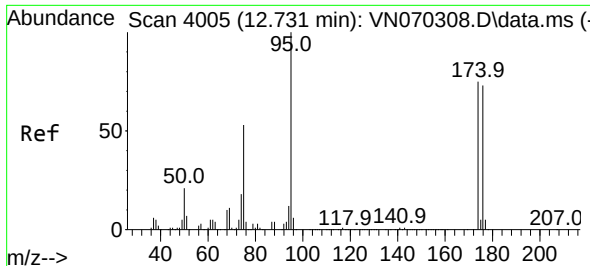
Tgt Ion:113 Resp: 479715
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.2 123.2
 192 19.1 16.9 25.3



#50
 Toluene-d8
 Concen: 47.947 ug/l
 RT: 10.443 min Scan# 3152
 Delta R.T. 0.003 min
 Lab File: VN070354.D
 Acq: 29 Dec 2021 17:32

Tgt Ion: 98 Resp: 1788571
 Ion Ratio Lower Upper
 98 100
 100 64.4 50.4 75.6

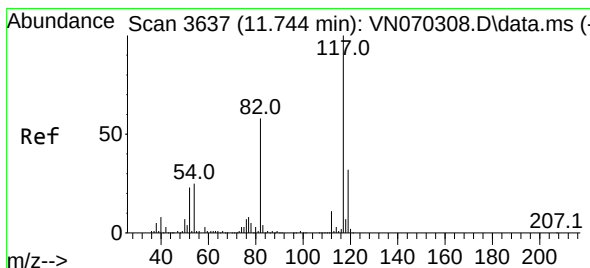
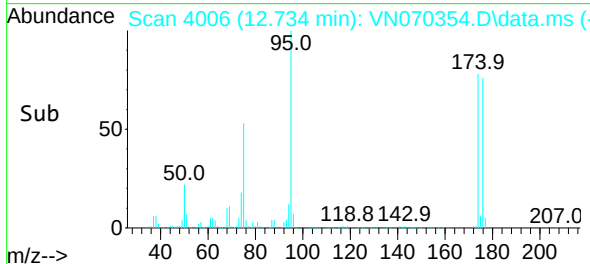
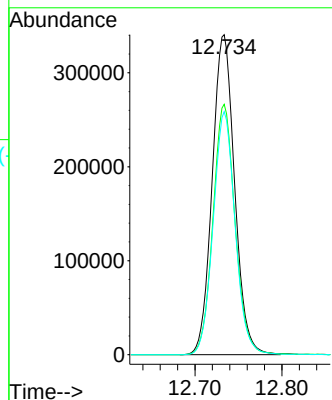
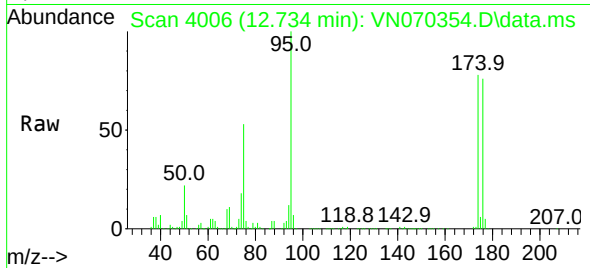




#62
4-Bromofluorobenzene
Concen: 45.215 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070354.D
Acq: 29 Dec 2021 17:32

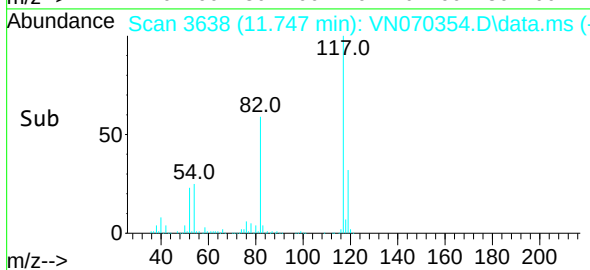
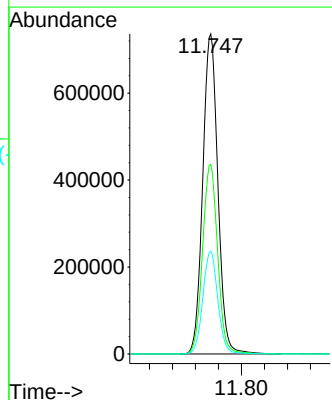
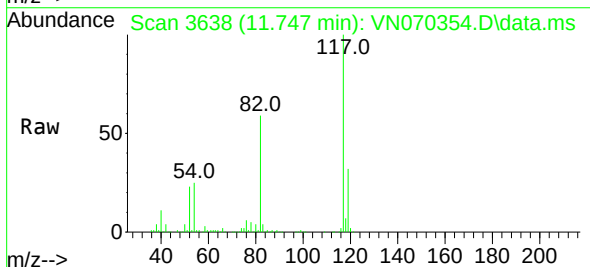
Instrument :
MSVOA_N
ClientSampleId :
TB-2021-12-15

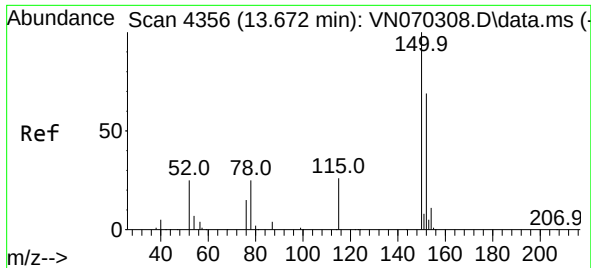
Tgt Ion: 95 Resp: 609187
Ion Ratio Lower Upper
95 100
174 77.4 0.0 187.2
176 74.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.003 min
Lab File: VN070354.D
Acq: 29 Dec 2021 17:32

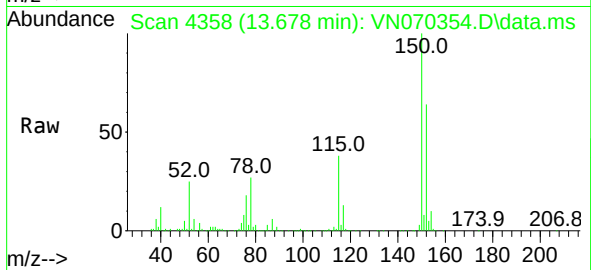
Tgt Ion: 117 Resp: 1343969
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 32.2 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VN070354.D
 Acq: 29 Dec 2021 17:32

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-2021-12-15



Tgt Ion:152 Resp: 431837
 Ion Ratio Lower Upper
 152 100
 115 59.7 27.5 82.5
 150 156.2 0.0 344.4

