

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101520\
 Data File : VN064156.D
 Acq On : 15 Oct 2020 20:19
 Operator : JC/MD
 Sample : L4417-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16

Quant Time: Oct 16 04:09:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

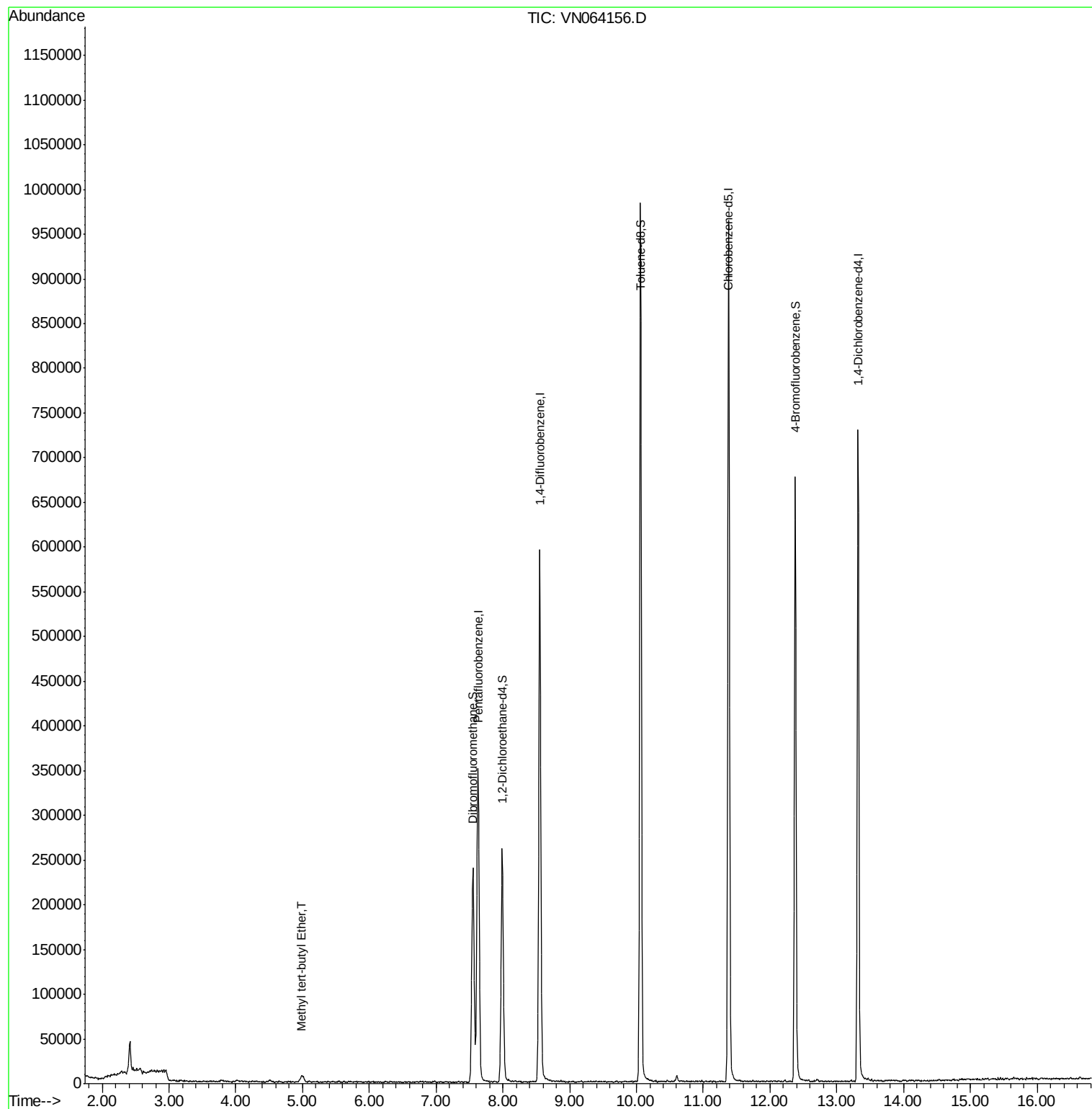
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	272894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	527690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	553136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194578	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	220956	56.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.70%	
35) Dibromofluoromethane	7.55	113	187735	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
50) Toluene-d8	10.06	98	683704	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.38	95	233441	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
Target Compounds						
19) Methyl tert-butyl Ether	4.99	73	10790	1.346	ug/l #	Qvalue 85

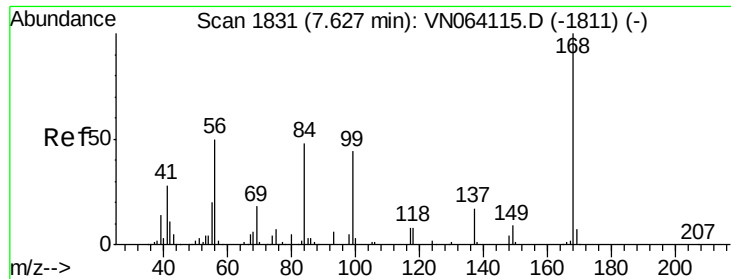
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101520\
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Quant Title : SW846 8260
QLast Update : Thu Oct 15 01:16:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064156.D

Acq: 15 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampled :

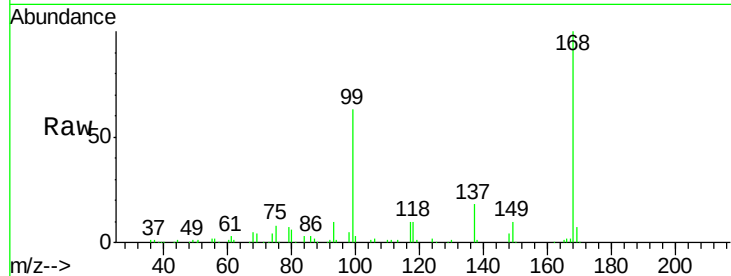
MW-16

Tot Ion:168 Resp: 272894

Ion Ratio Lower Upper

168 100

99 62.7 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

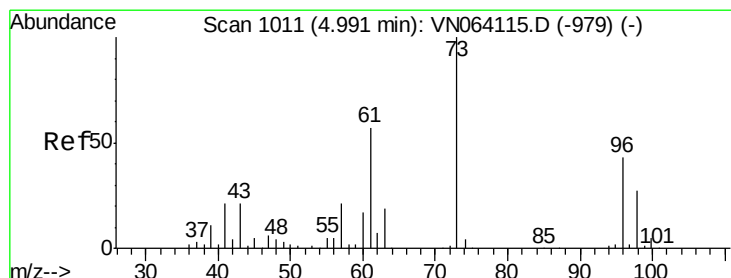
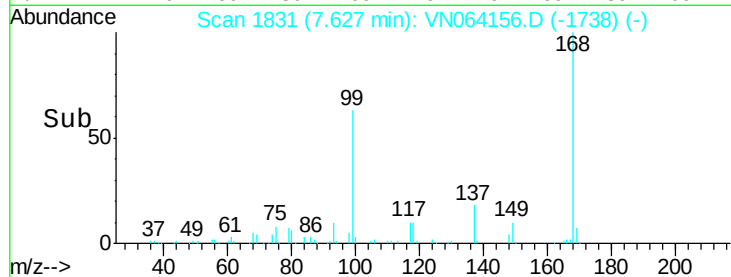
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#19

Methyl tert-butyl Ether

Concen: 1.346 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064156.D

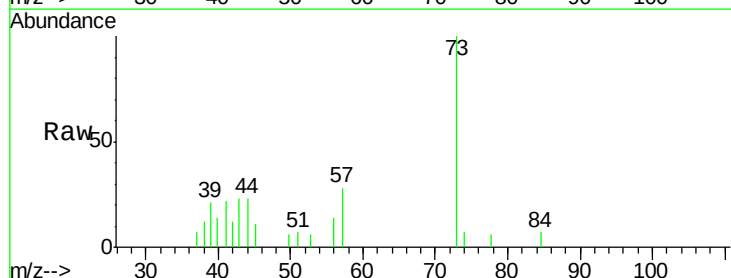
Acq: 15 Oct 2020 20:19

Tgt Ion: 73 Resp: 10790

Ion Ratio Lower Upper

73 100

57 28.3 17.0 25.4#



Abundance Ion 73.00 (72.70 to 73.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.99

3000

2500

2000

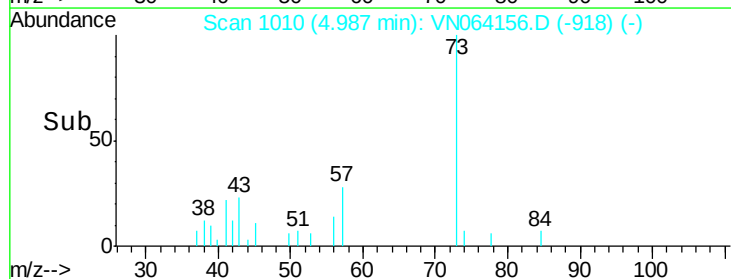
1500

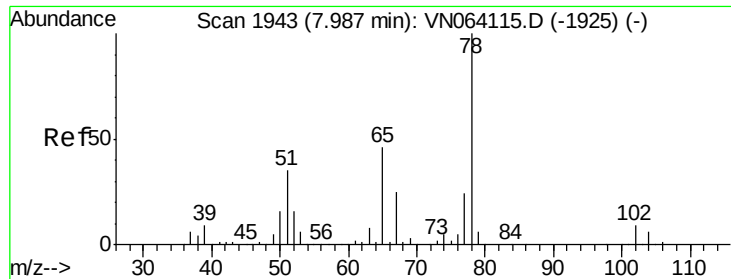
1000

500

0

Time--> 4.90 5.00 5.10

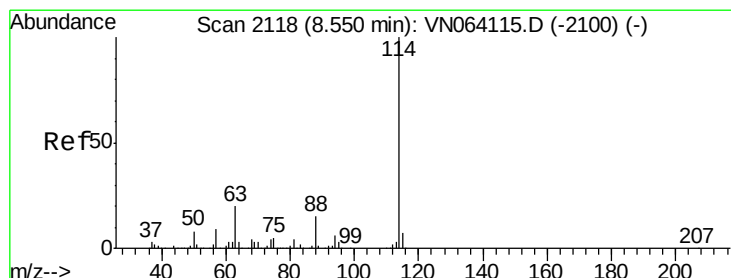
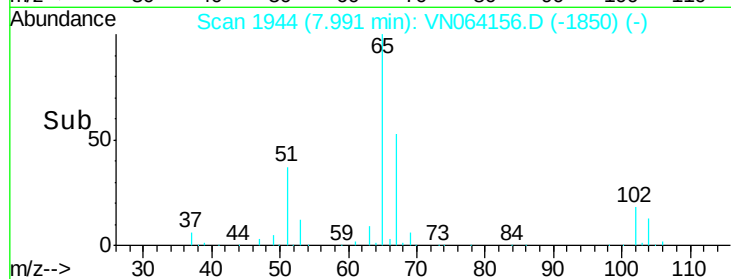
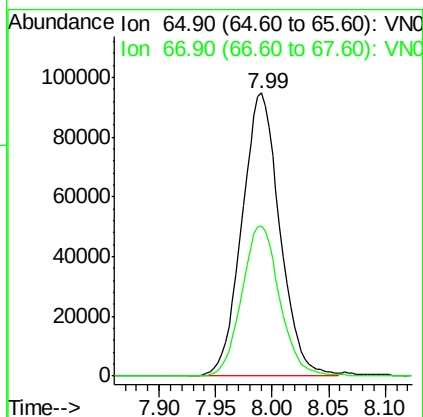
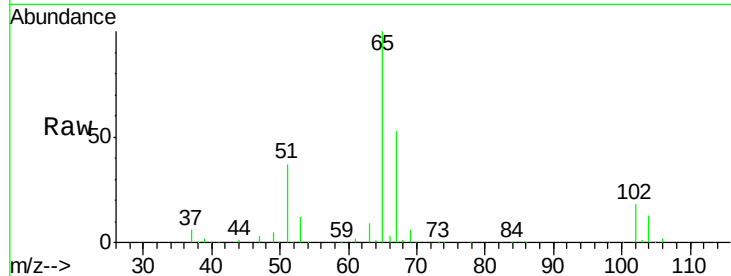




#33
 1,2-Dichloroethane-d4
 Concen: 56.851 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064156.D
 Acq: 15 Oct 2020 20:19

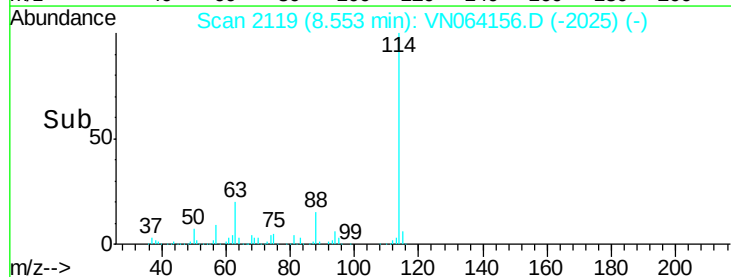
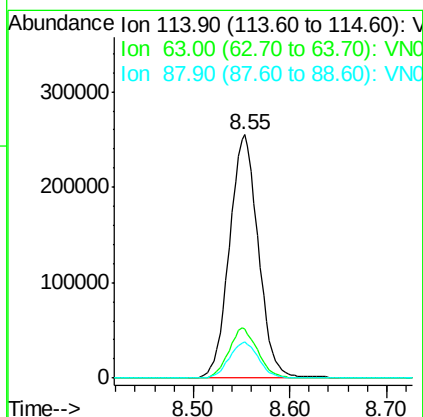
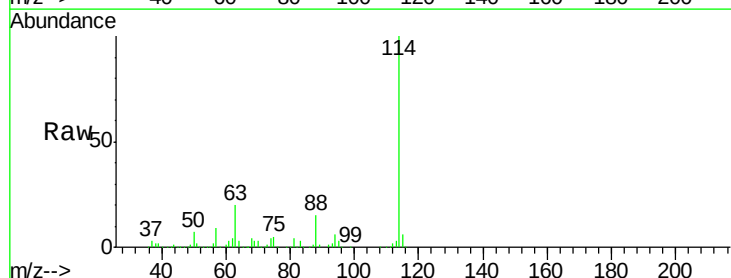
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16

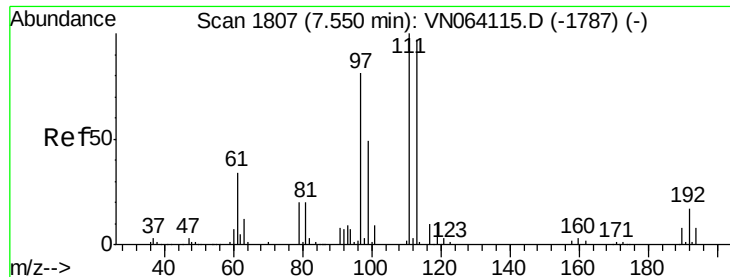
Tot Ion: 65 Resp: 220956
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064156.D
 Acq: 15 Oct 2020 20:19

Tgt Ion: 114 Resp: 527690
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.0
 88 14.7 0.0 29.2

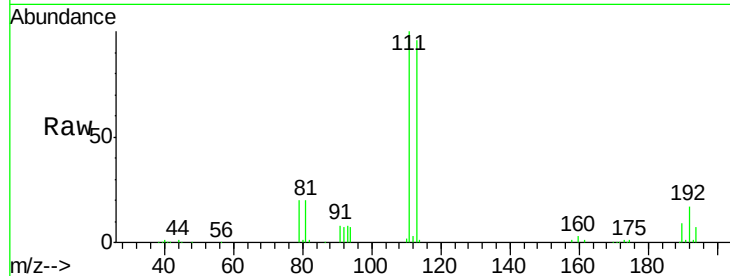




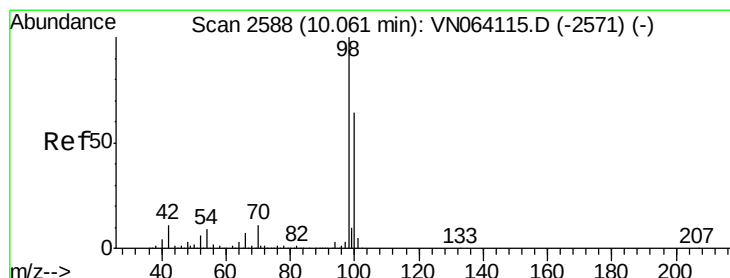
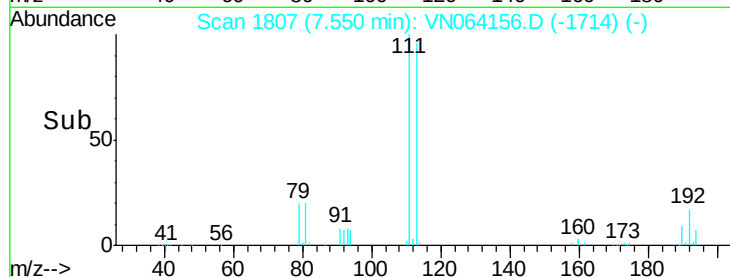
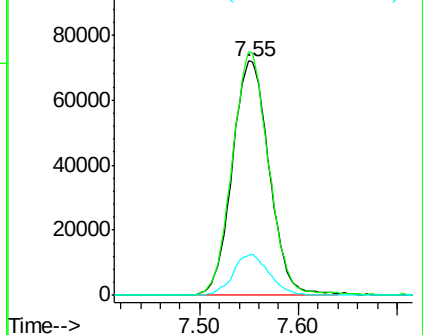
#35
 Dibromofluoromethane
 Concen: 51.400 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064156.D
 Acq: 15 Oct 2020 20:19

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	17.0	14.3	21.5

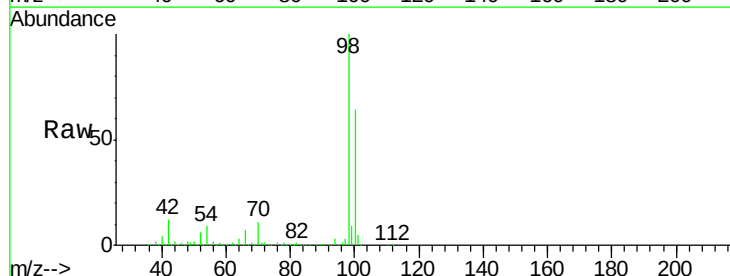


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

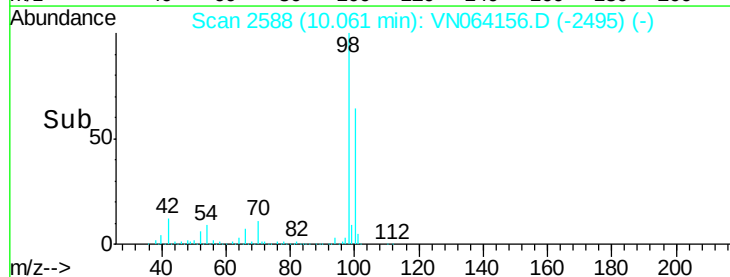
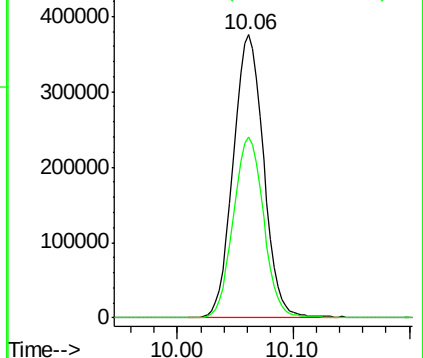


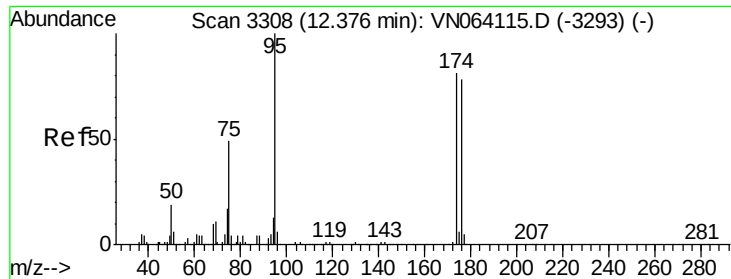
#50
 Toluene-d8
 Concen: 49.612 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN064156.D
 Acq: 15 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.8	76.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

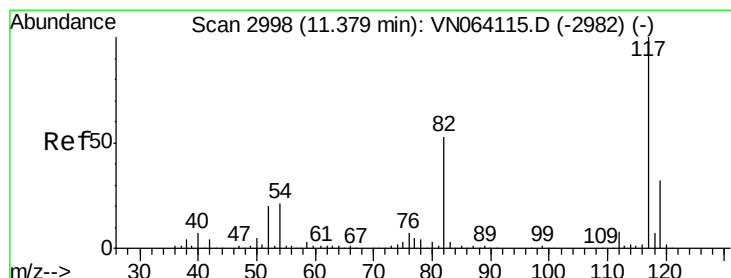
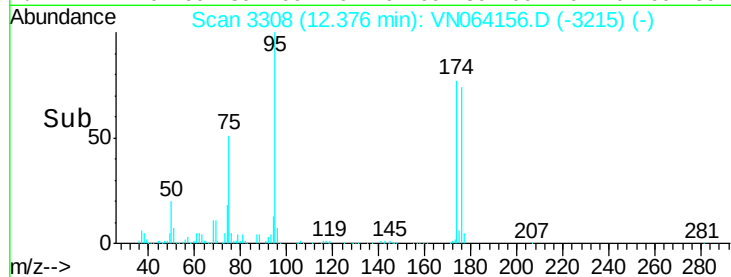
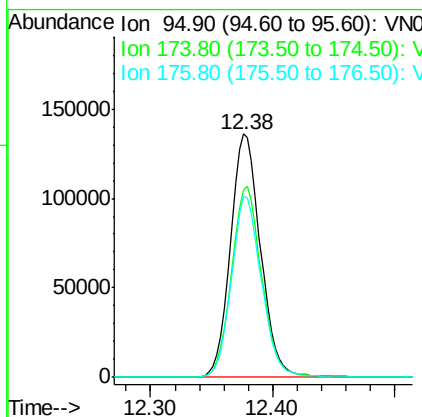
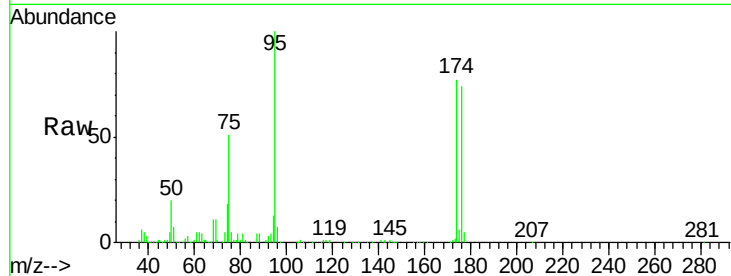




#62
4-Bromofluorobenzene
Concen: 49.281 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064156.D
Acq: 15 Oct 2020 20:19

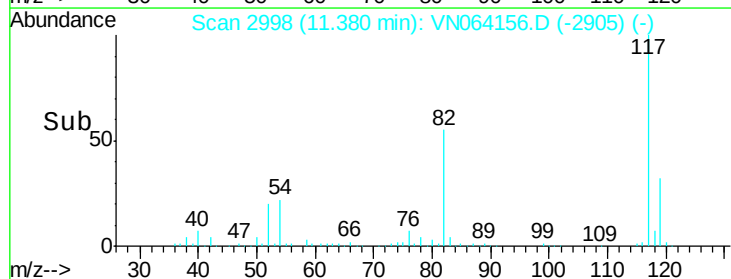
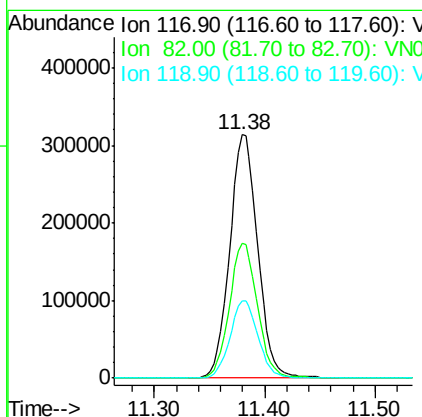
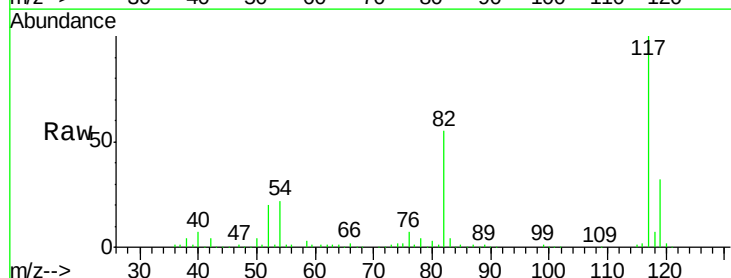
Instrument :
MSVOA_N
ClientSampleId :
MW-16

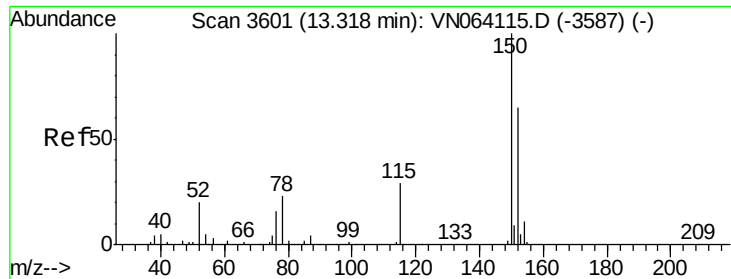
Tot Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	164.8
176	74.0	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064156.D
Acq: 15 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.4	42.6	63.8
119	31.8	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064156.D

Acq: 15 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

MW-16

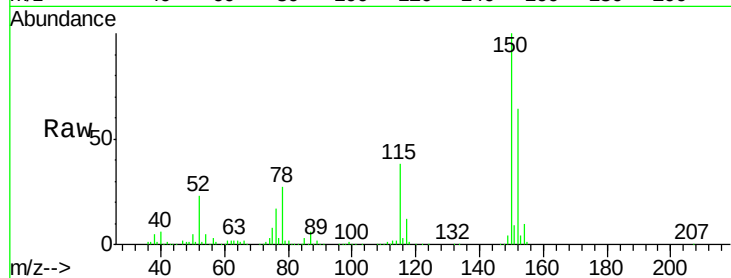
Tot Ion:152 Resp: 194578

Ion Ratio Lower Upper

152 100

115 59.8 29.3 87.8

150 158.9 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

