

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063498.D
 Acq On : 21 Sep 2020 20:07
 Operator : JC/MD
 Sample : L4072-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9

Quant Time: Sep 22 04:30:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

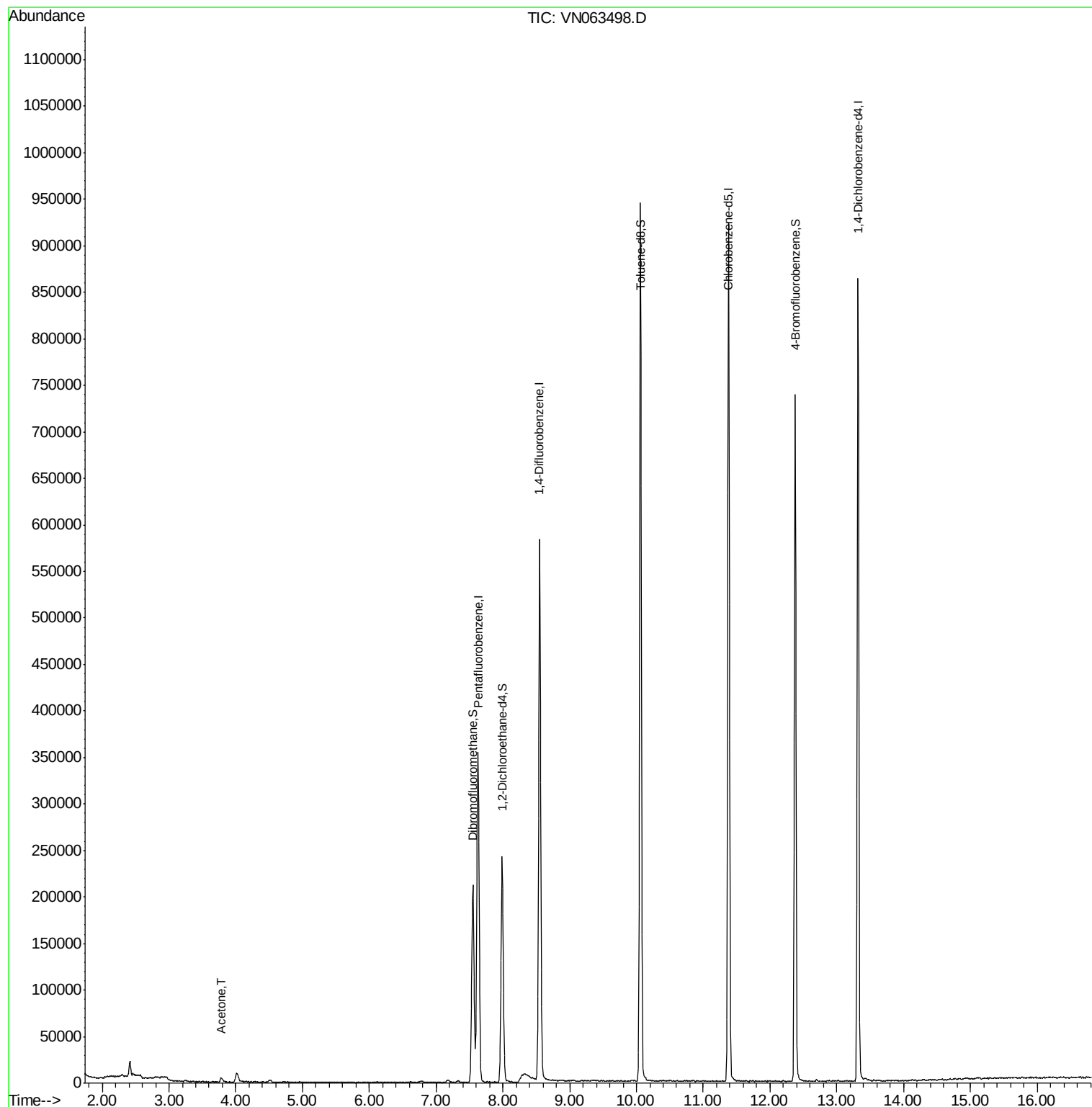
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	261844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	498190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	487235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	210760	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	213350	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
35) Dibromofluoromethane	7.55	113	157471	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
50) Toluene-d8	10.06	98	634390	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.38	95	251036	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
Target Compounds						
16) Acetone	3.78	43	6465	4.513	ug/l #	Qvalue 80

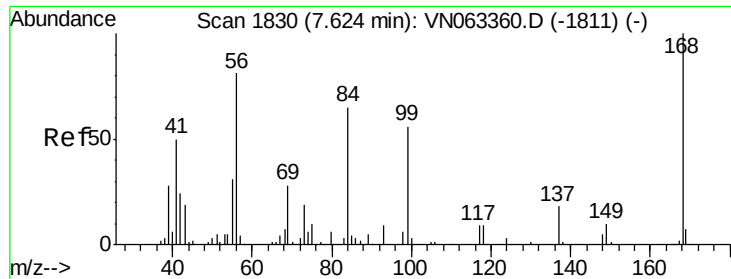
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063498.D

Acq: 21 Sep 2020 20:07

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MSVOA_N

ClientSampleId :

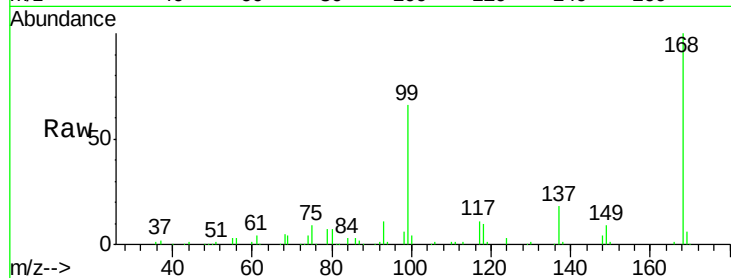
MW-9

Tot Ion:168 Resp: 261844

Ion Ratio Lower Upper

168 100

99 66.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

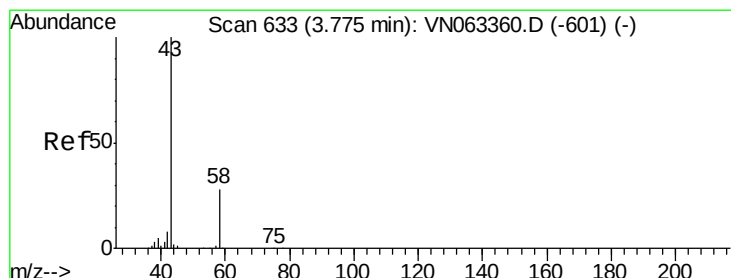
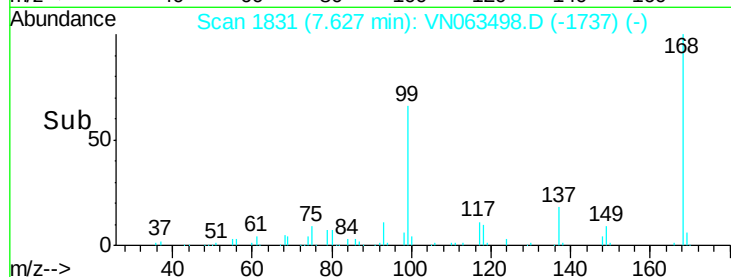
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 4.513 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063498.D

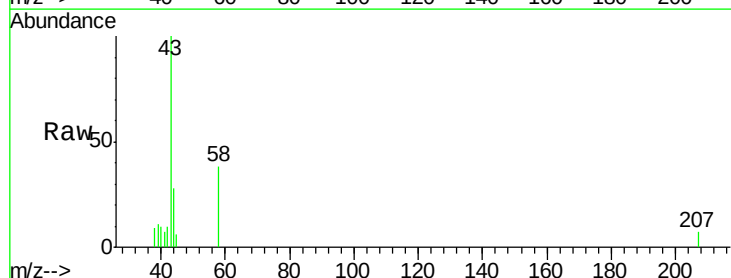
Acq: 21 Sep 2020 20:07

Tgt Ion: 43 Resp: 6465

Ion Ratio Lower Upper

43 100

58 38.2 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

3000

2500

2000

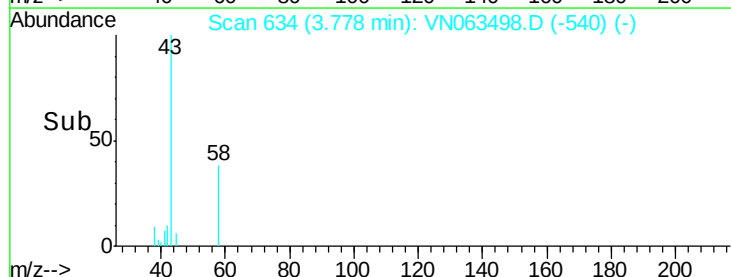
1500

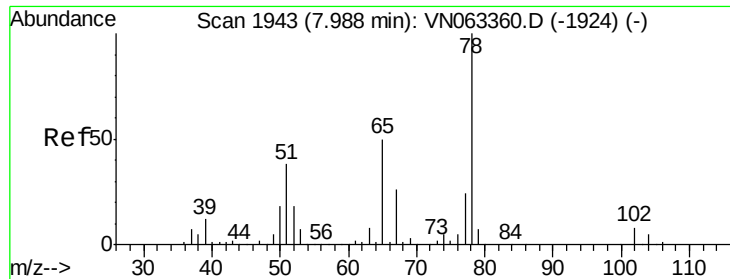
1000

500

0

Time--> 3.70 3.75 3.80 3.85





#33

1,2-Dichloroethane-d4

Concen: 47.866 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063498.D

Acq: 21 Sep 2020 20:07

Instrument :

MSVOA_N

ClientSampled :

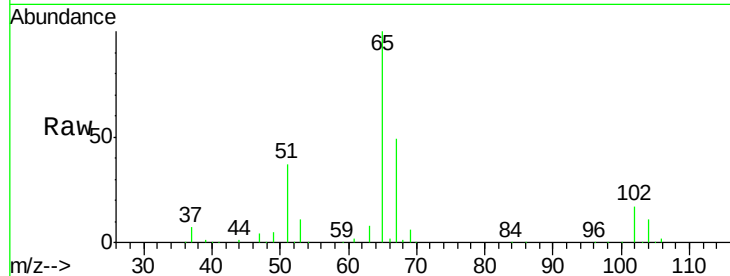
MW-9

Tot Ion: 65 Resp: 213350

Ion Ratio Lower Upper

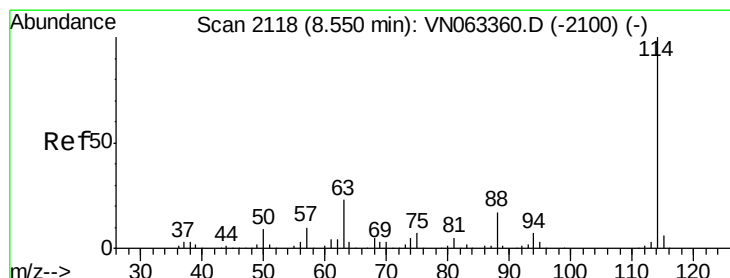
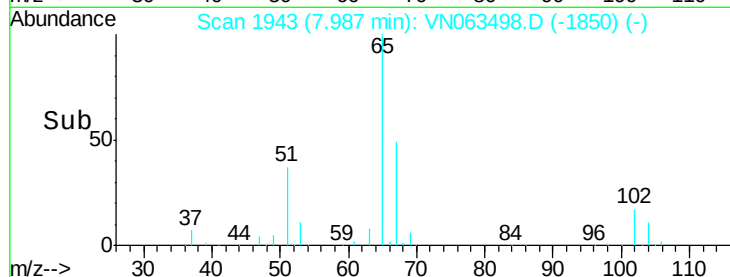
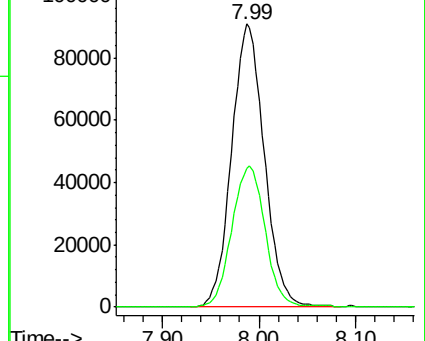
65 100

67 50.5 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063498.D

Acq: 21 Sep 2020 20:07

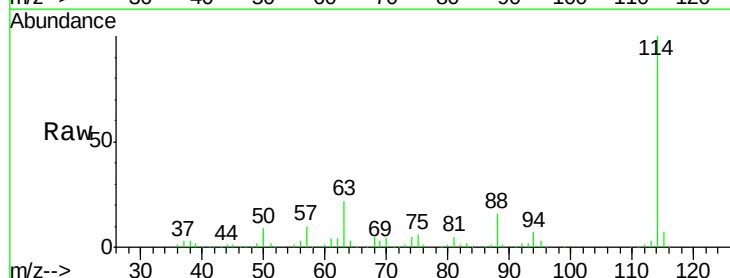
Tgt Ion: 114 Resp: 498190

Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.4

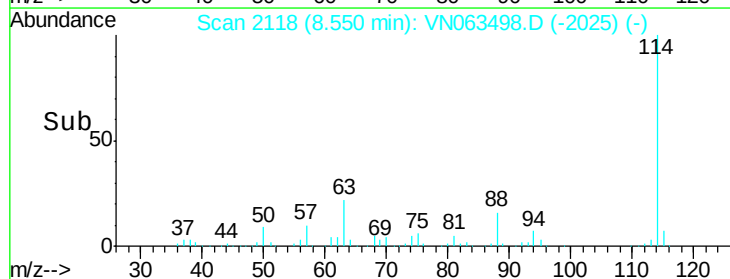
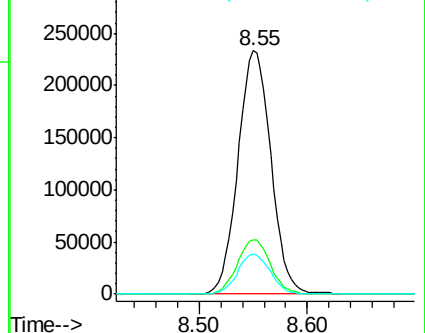
88 16.3 0.0 33.2

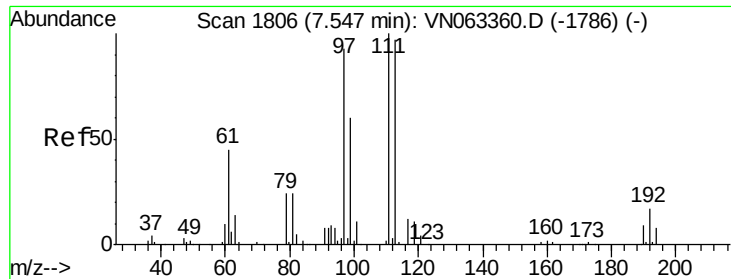


Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063360.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063360.D (-2100) (-)

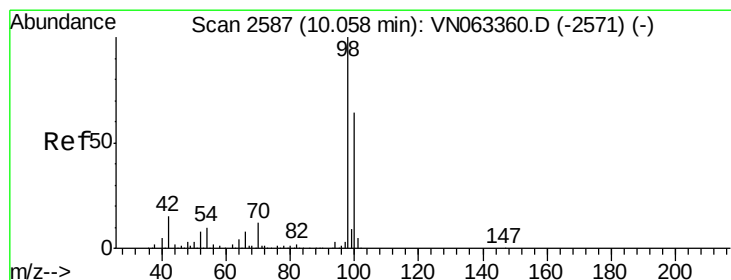
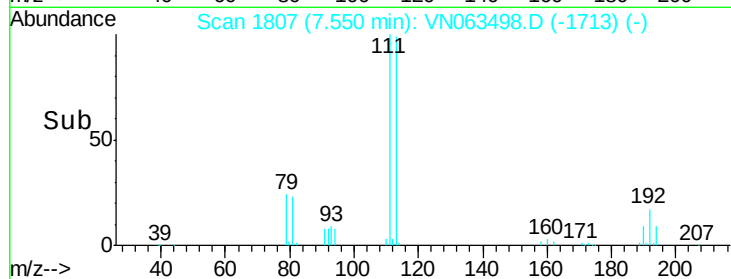
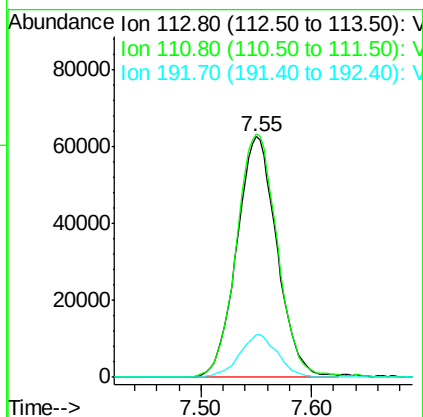
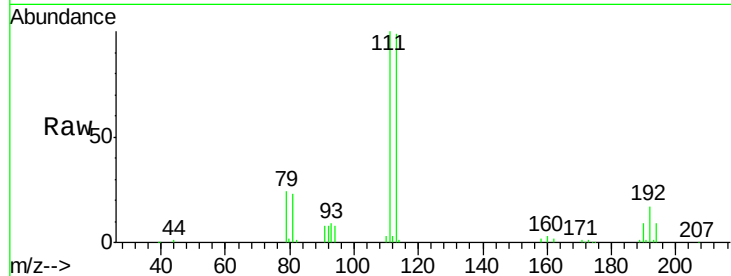




#35
 Dibromofluoromethane
 Concen: 45.659 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063498.D
 Acq: 21 Sep 2020 20:07

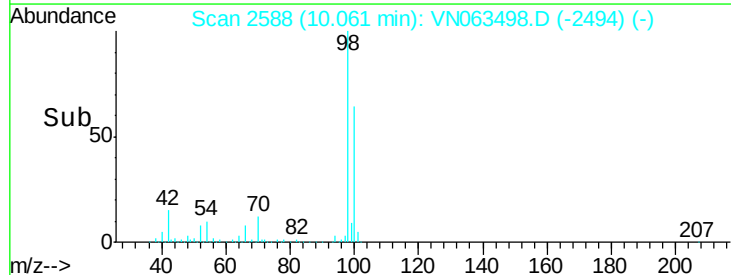
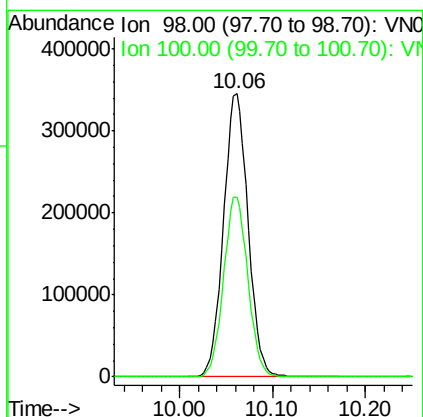
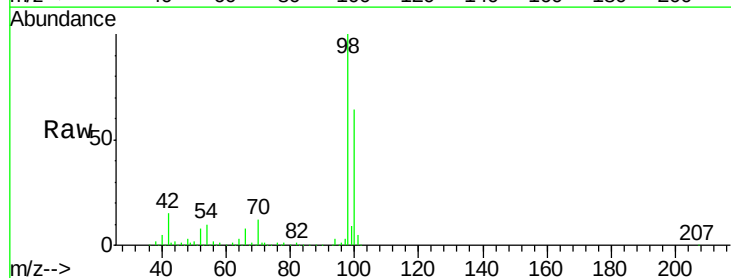
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9

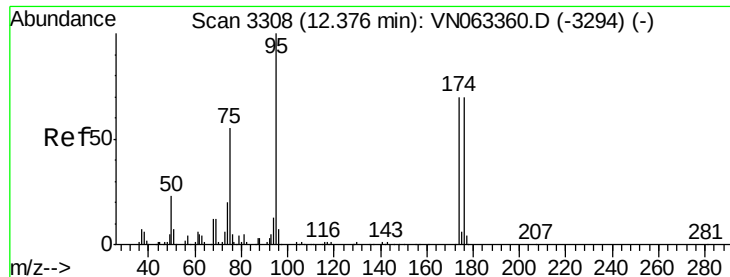
Tot Ion:113 Resp: 157471
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.9 124.3
 192 17.1 13.9 20.9



#50
 Toluene-d8
 Concen: 48.918 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063498.D
 Acq: 21 Sep 2020 20:07

Tgt Ion: 98 Resp: 634390
 Ion Ratio Lower Upper
 98 100
 100 63.1 50.7 76.1

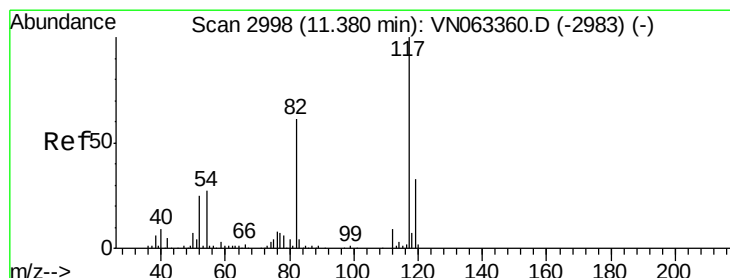
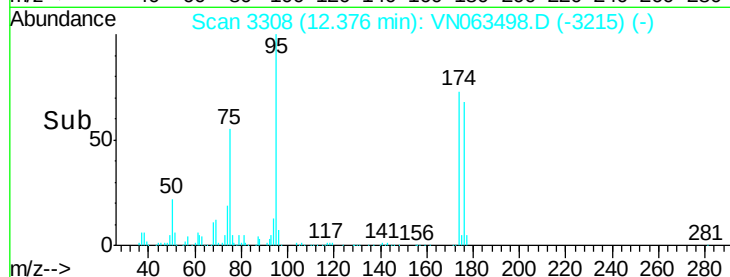
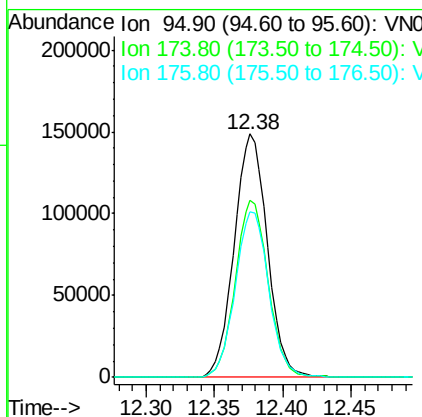
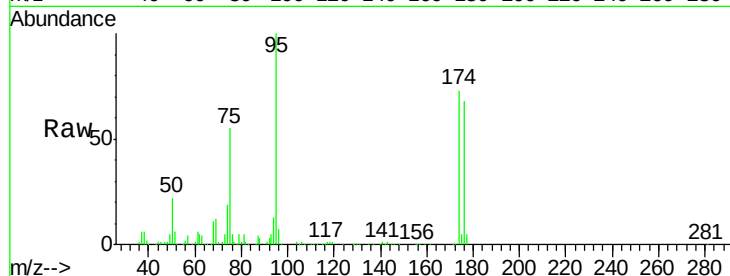




#62
4-Bromofluorobenzene
Concen: 52.806 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063498.D
Acq: 21 Sep 2020 20:07

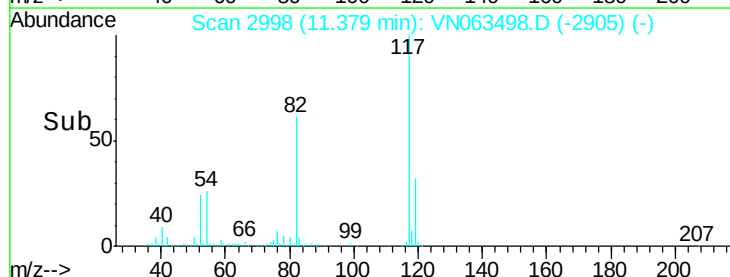
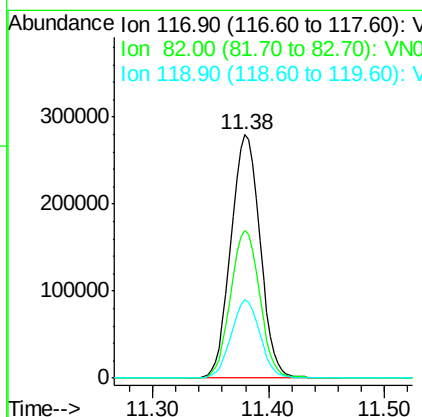
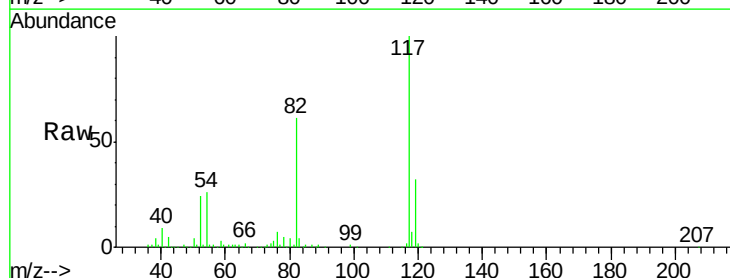
Instrument :
MSVOA_N
ClientSampled :
MW-9

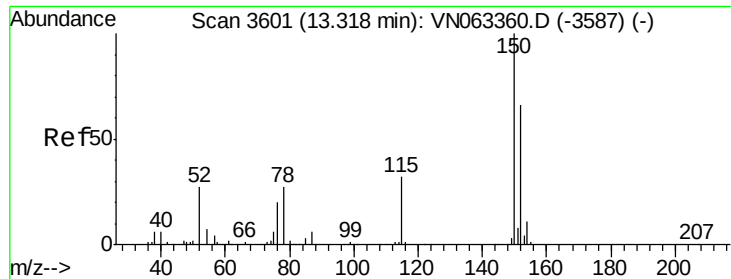
Tot Ion	95	Resp	251036
Ion Ratio	100		
Lower			
Upper			
174	72.1	0.0	140.8
176	68.9	0.0	137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063498.D
Acq: 21 Sep 2020 20:07

Tgt Ion	117	Resp	487235
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td></td> <td></td> <td></td>			
Upper <td></td> <td></td> <td></td>			
82	60.5	49.2	73.8
119	32.0	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063498.D

Acq: 21 Sep 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

MW-9

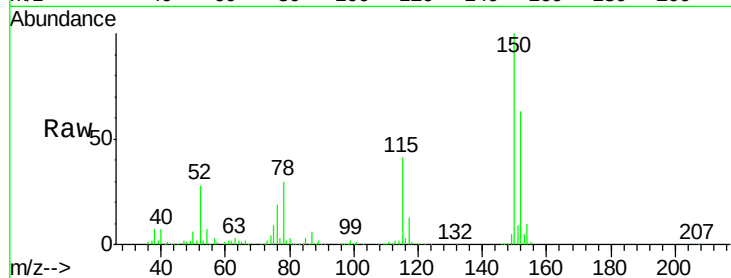
Tot Ion:152 Resp: 210760

Ion Ratio Lower Upper

152 100

115 63.5 32.2 96.6

150 157.7 0.0 343.4



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

