

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063587.D
 Acq On : 23 Sep 2020 14:31
 Operator : JC/MD
 Sample : L4038-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Sep 24 03:25:04 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

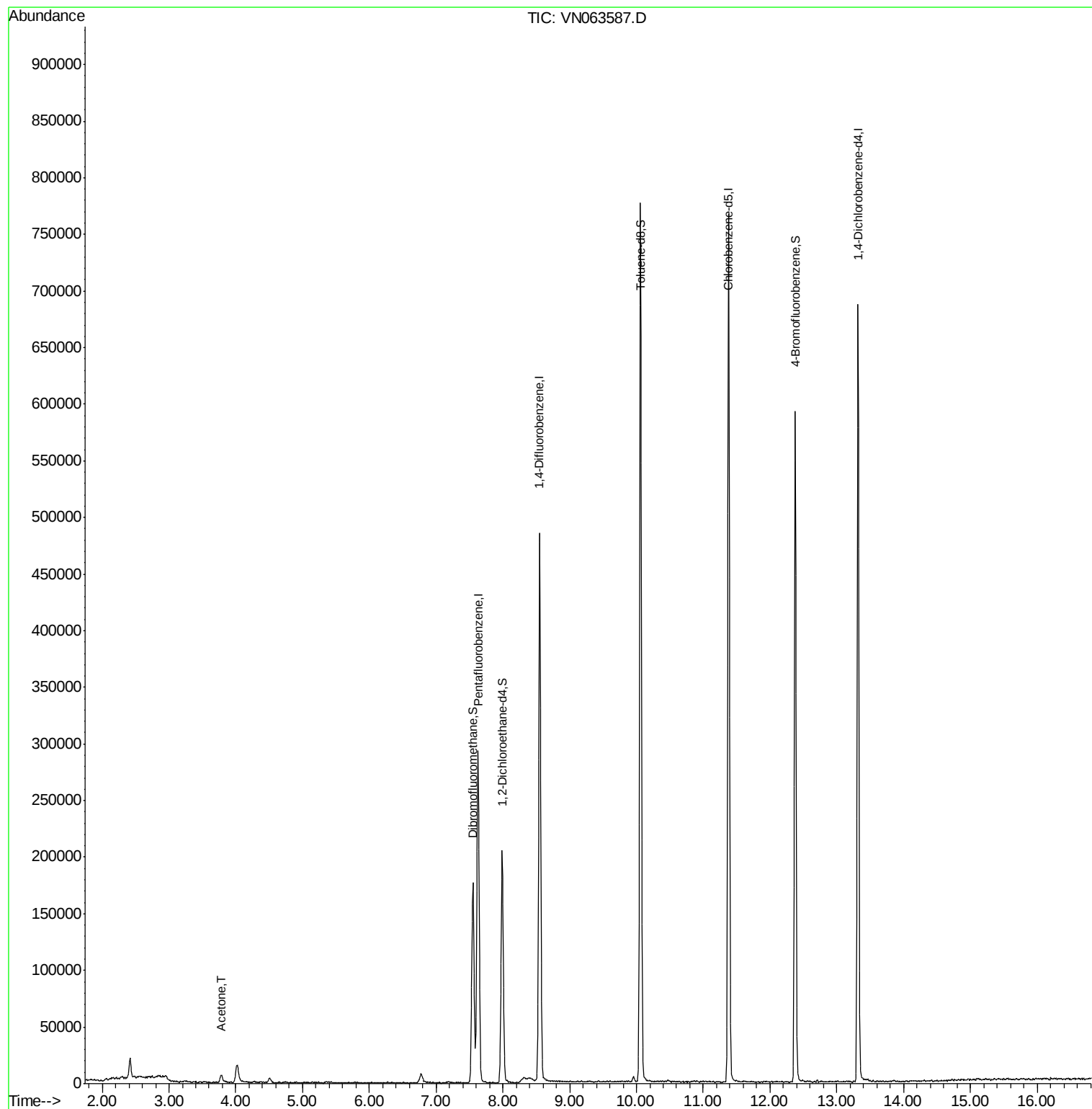
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	211203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	397912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	402683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	165614	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	180038	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
35) Dibromofluoromethane	7.55	113	133013	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
50) Toluene-d8	10.06	98	515354	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.38	95	194866	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
Target Compounds						
16) Acetone	3.78	43	11735	10.156	ug/l	Qvalue 97

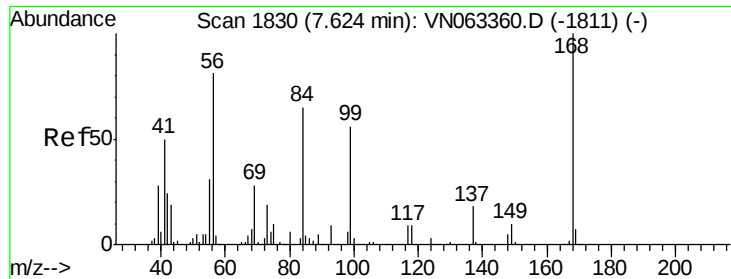
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092320\
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QLast Update : Wed Sep 16 13:05:20 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: VN063587.D

Acq: 23 Sep 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

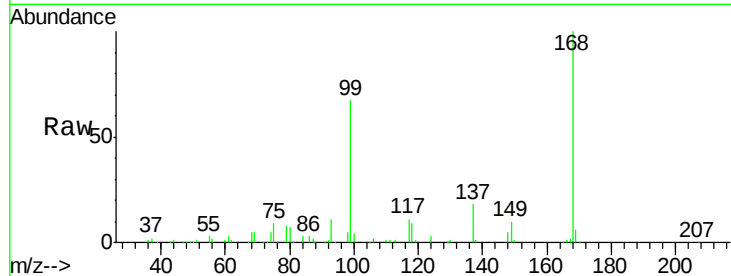
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Tot Ion:168 Resp: 211203

Ion Ratio Lower Upper

168 100

99 67.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

60000

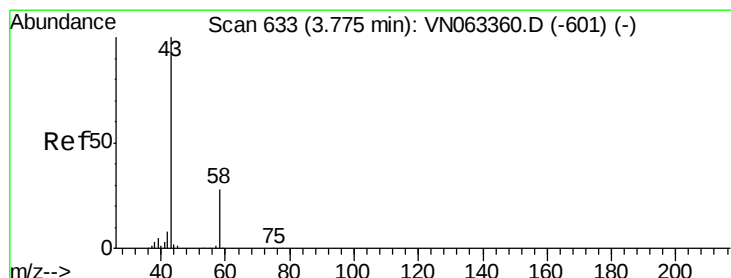
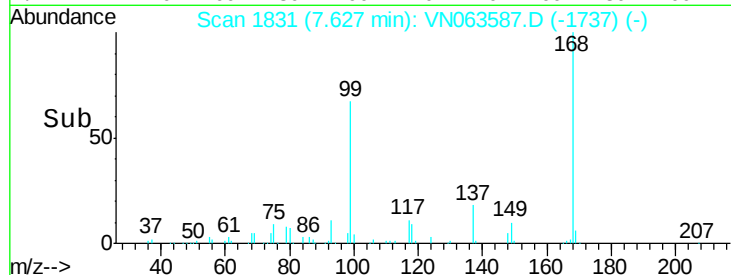
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#16

Acetone

Concen: 10.156 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063587.D

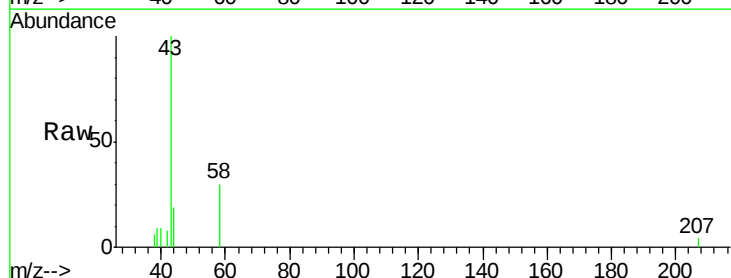
Acq: 23 Sep 2020 14:31

Tgt Ion: 43 Resp: 11735

Ion Ratio Lower Upper

43 100

58 29.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

4000

3000

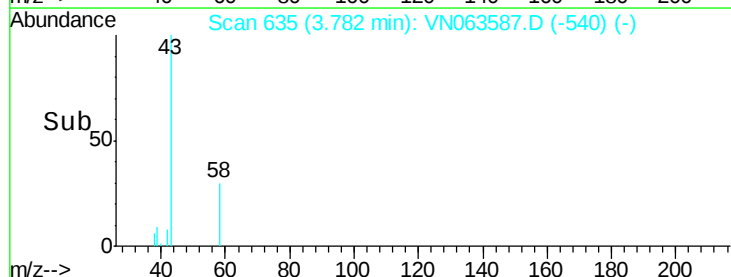
2000

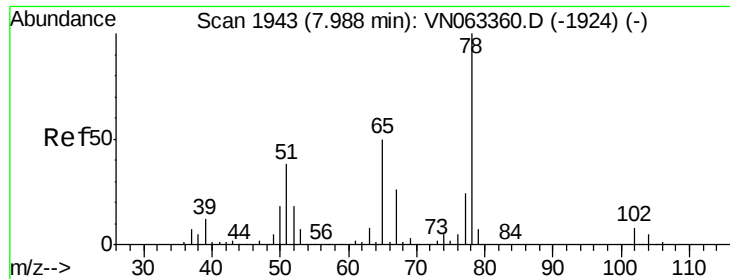
1000

0

3.70 3.75 3.80 3.85

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.077 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063587.D

Acq: 23 Sep 2020 14:31

Instrument :

MSVOA_N

ClientSampled :

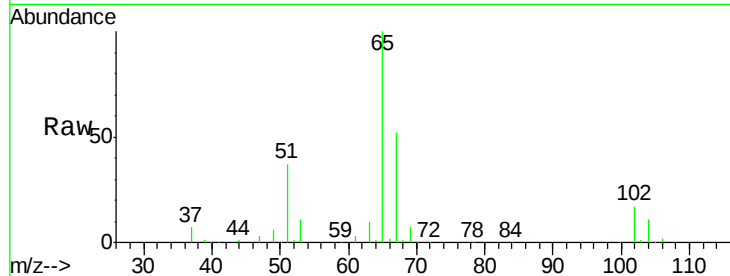
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Tot Ion: 65 Resp: 180038

Ion Ratio Lower Upper

65 100

67 49.8 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) (-)

7.99

80000

60000

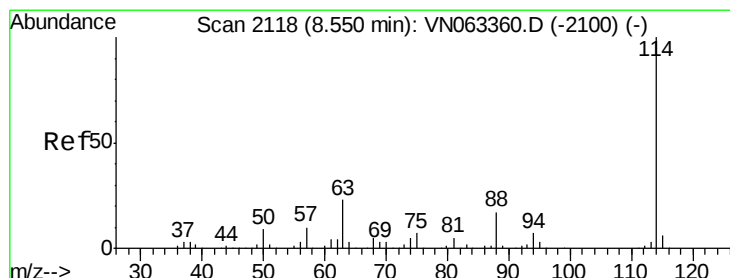
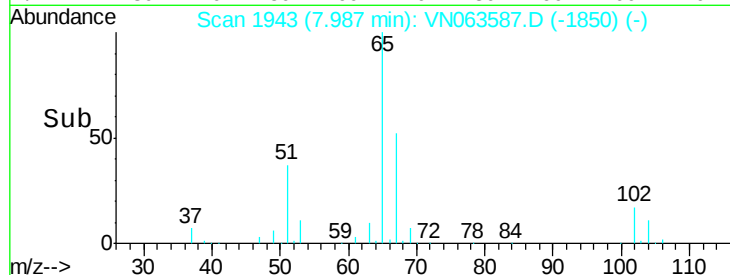
40000

20000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063587.D

Acq: 23 Sep 2020 14:31

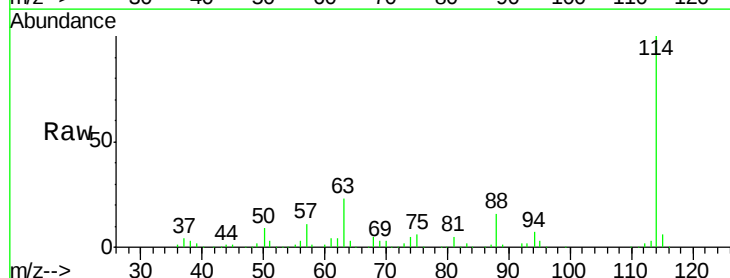
Tgt Ion: 114 Resp: 397912

Ion Ratio Lower Upper

114 100

63 23.1 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) (-)

8.55

250000

200000

150000

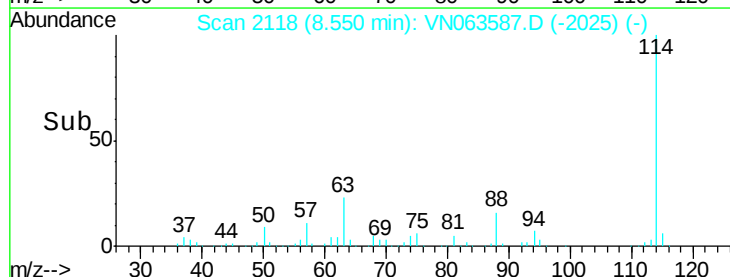
100000

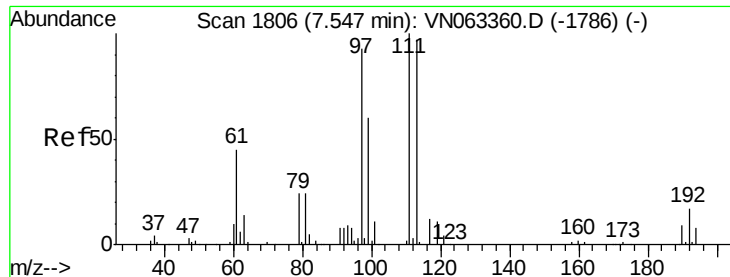
50000

0

8.50 8.60

Time-->

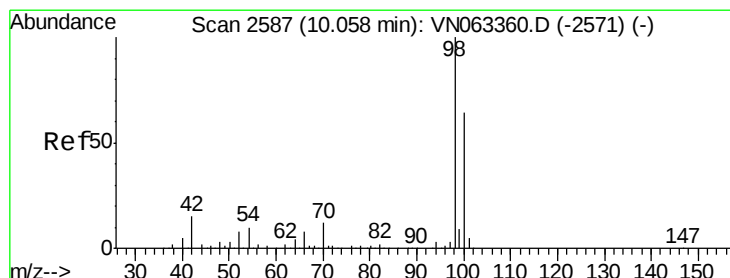
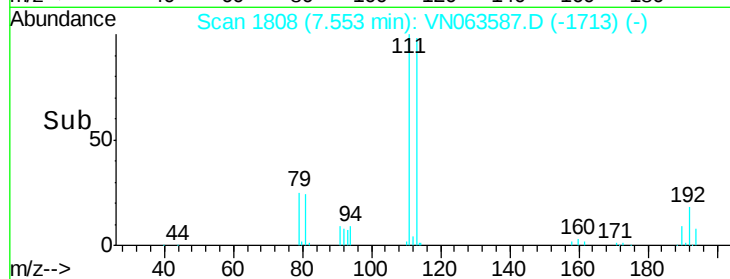
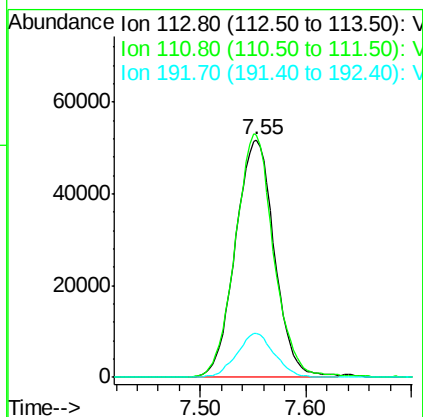
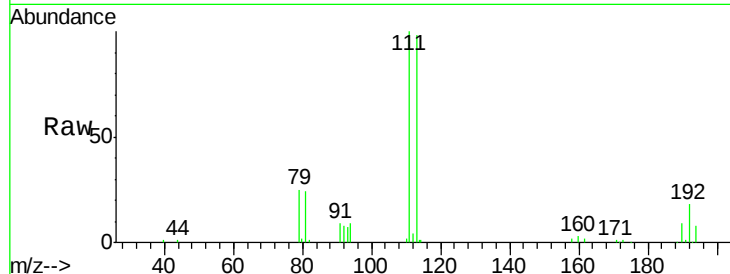




#35
 Dibromofluoromethane
 Concen: 48.286 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN063587.D
 Acq: 23 Sep 2020 14:31

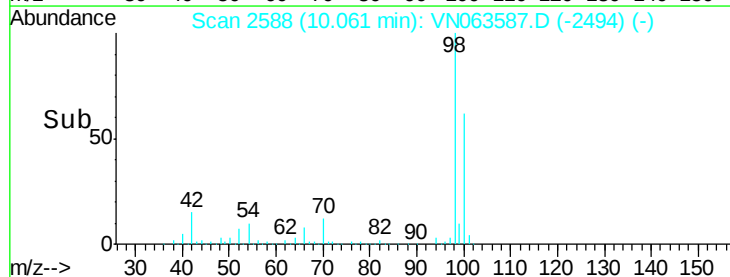
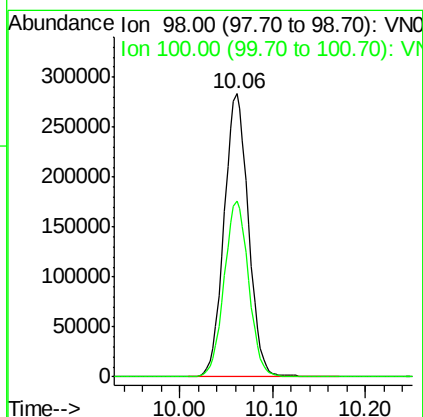
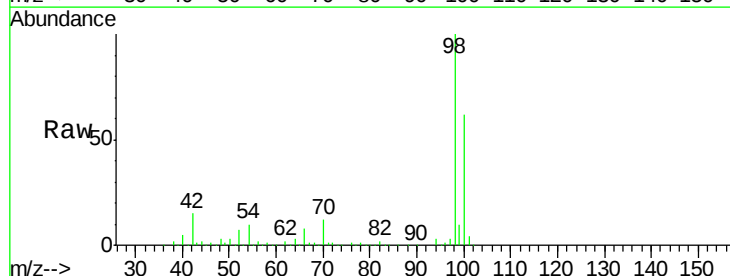
Instrument :
 MSVOA_N
 ClientSampleId :
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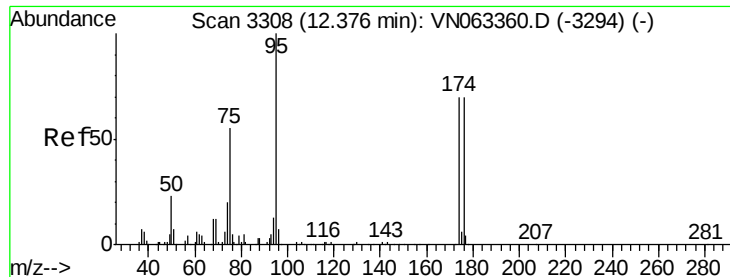
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.9	124.3
192	17.8	13.9	20.9



#50
 Toluene-d8
 Concen: 49.754 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063587.D
 Acq: 23 Sep 2020 14:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.5	50.7	76.1





#62

4-Bromofluorobenzene

Concen: 51.320 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063587.D

Acq: 23 Sep 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

FIELD-BLANK

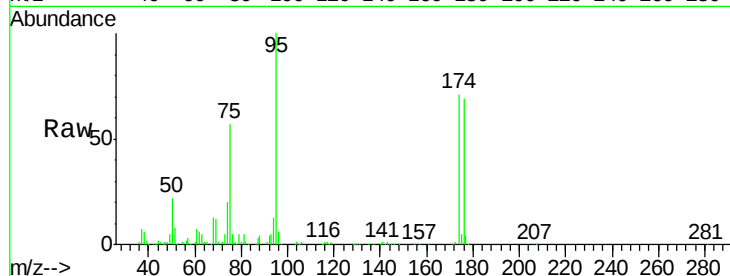
Tot Ion: 95 Resp: 194866

Ion Ratio Lower Upper

95 100

174 72.8 0.0 140.8

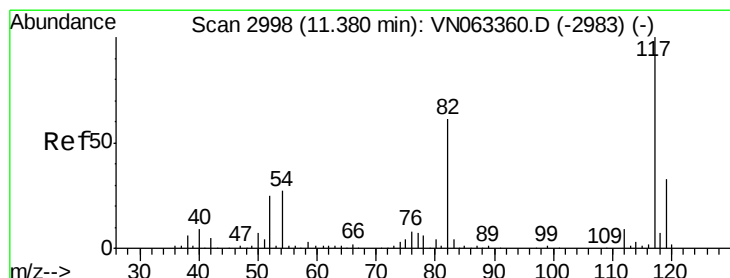
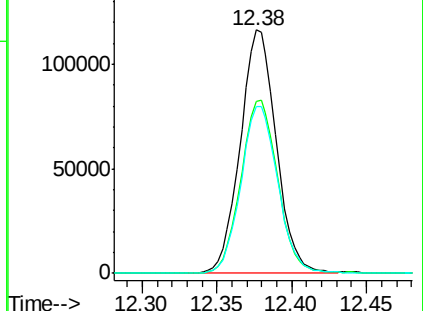
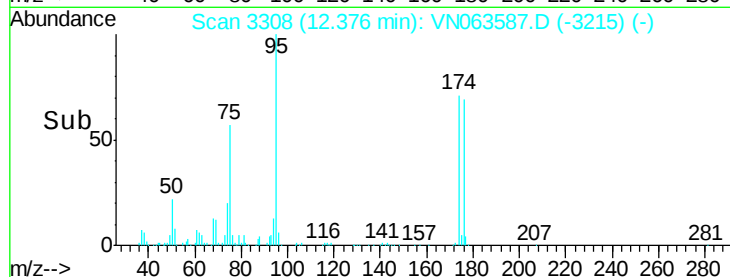
176 70.7 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063587.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN063587.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN063587.D (-3215) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063587.D

Acq: 23 Sep 2020 14:31

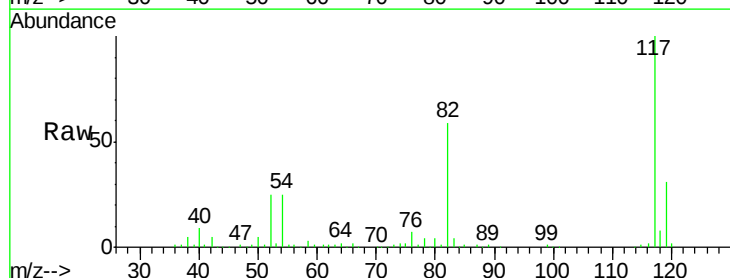
Tgt Ion: 117 Resp: 402683

Ion Ratio Lower Upper

117 100

82 59.2 49.2 73.8

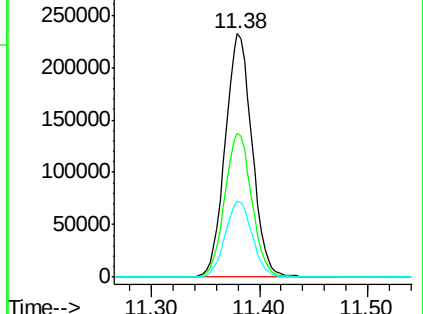
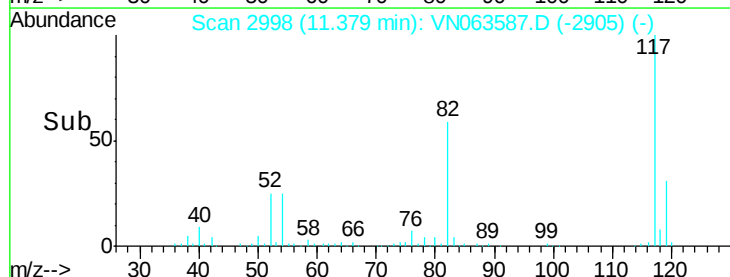
119 31.3 26.2 39.4

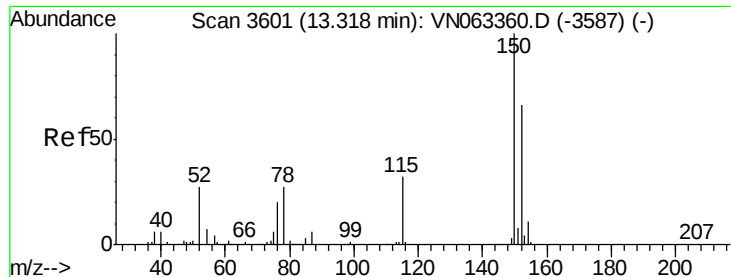


Abundance Ion 116.90 (116.60 to 117.60): VN063587.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN063587.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN063587.D (-2905) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063587.D

Acq: 23 Sep 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

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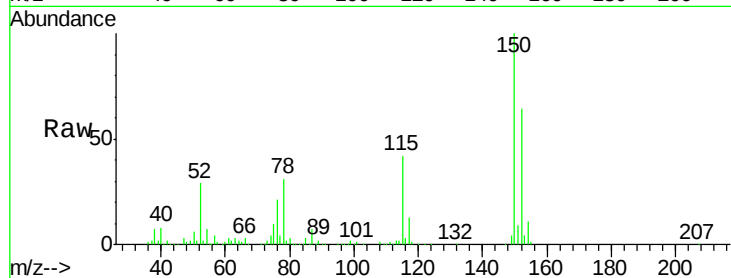
Tot Ion:152 Resp: 165614

Ion Ratio Lower Upper

152 100

115 63.7 32.2 96.6

150 154.9 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

