

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063533.D
 Acq On : 22 Sep 2020 15:20
 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 23 04:24:20 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

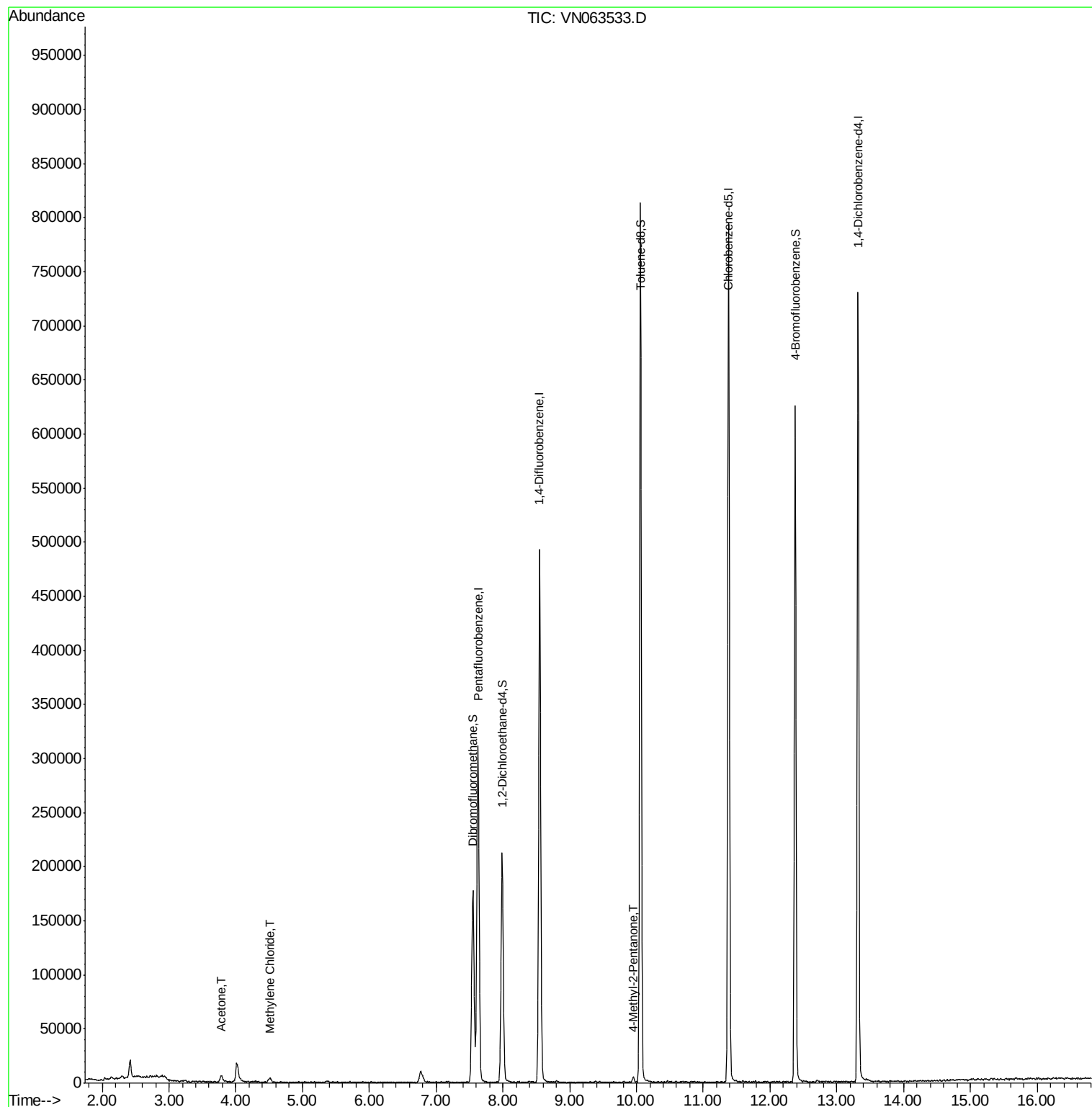
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	228433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	413270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	417845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	177881	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	185378	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
35) Dibromofluoromethane	7.55	113	136570	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
50) Toluene-d8	10.06	98	537672	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.38	95	208525	52.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.76%	
Target Compounds						
16) Acetone	3.78	43	10603	8.484	ug/l	100
20) Methylene Chloride	4.51	84	2673	0.844	ug/l #	86
51) 4-Methyl-2-Pentanone	9.95	43	4466	1.032	ug/l	99

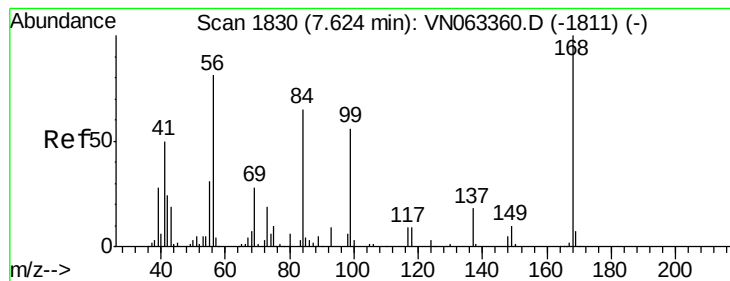
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
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MSVOA_N
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Quant Time: Sep 23 04:24:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
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: VN063533.D

Acq: 22 Sep 2020 15:20

Instrument :

MSVOA_N

ClientSampled :

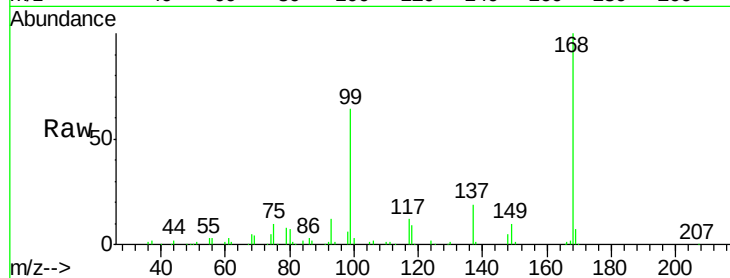
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Tot Ion:168 Resp: 228433

Ion Ratio Lower Upper

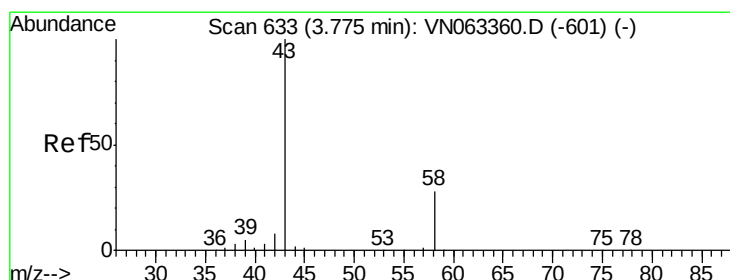
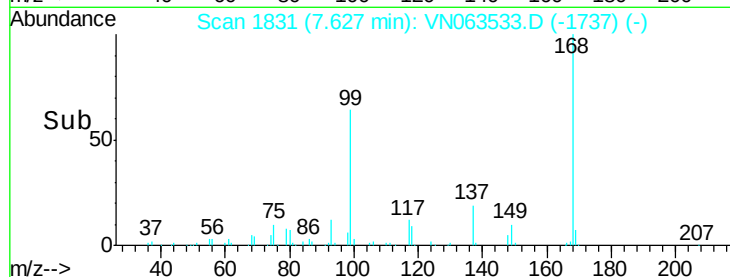
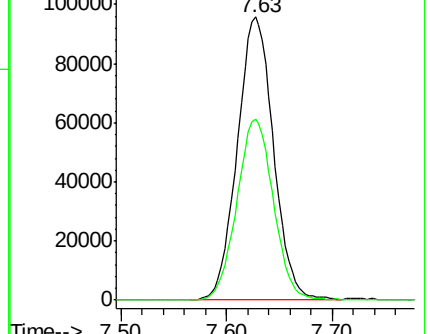
168 100

99 63.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 8.484 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063533.D

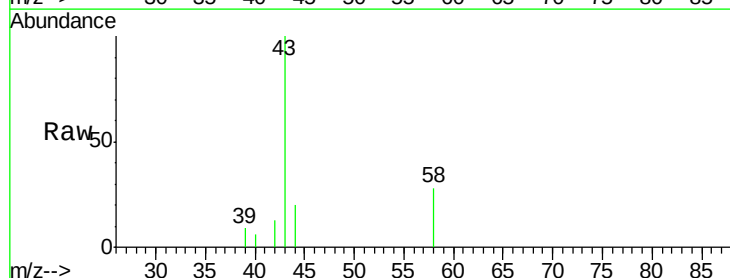
Acq: 22 Sep 2020 15:20

Tgt Ion: 43 Resp: 10603

Ion Ratio Lower Upper

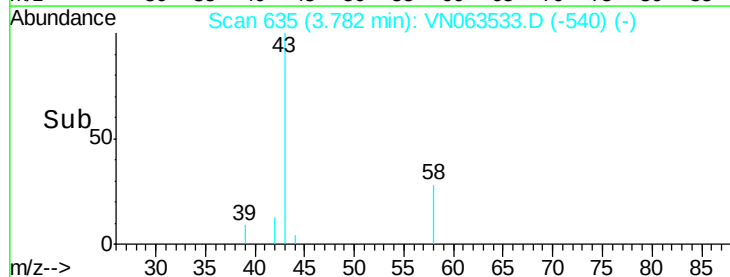
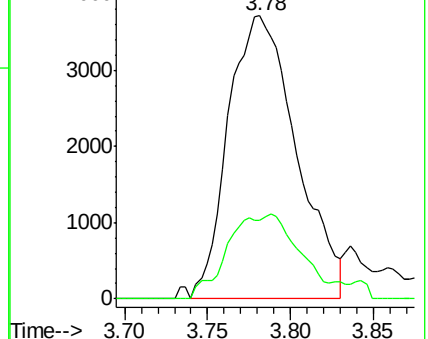
43 100

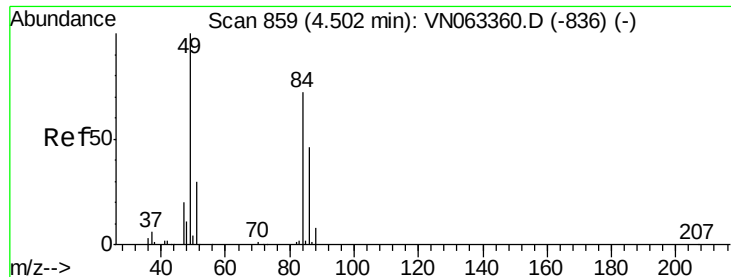
58 27.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

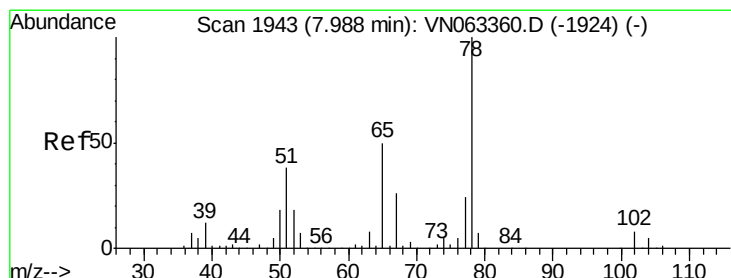
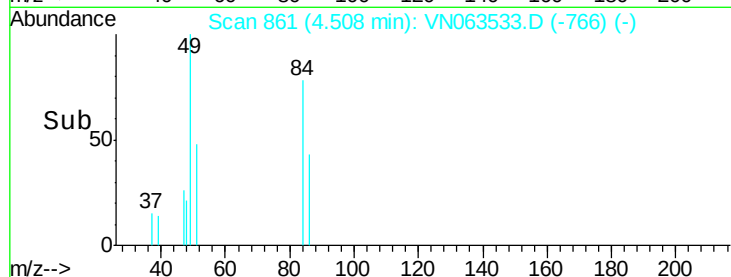
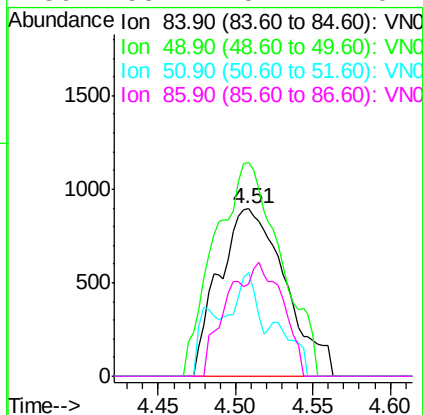
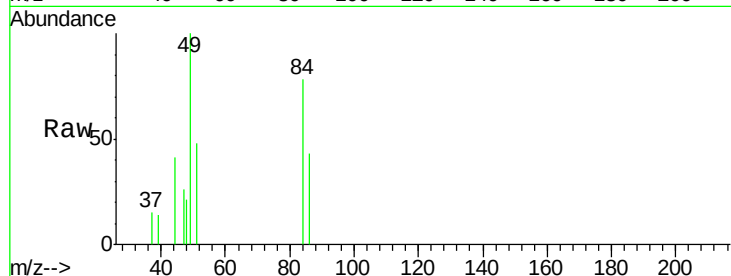




#20
Methylene Chloride
Concen: 0.844 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063533.D
Acq: 22 Sep 2020 15:20

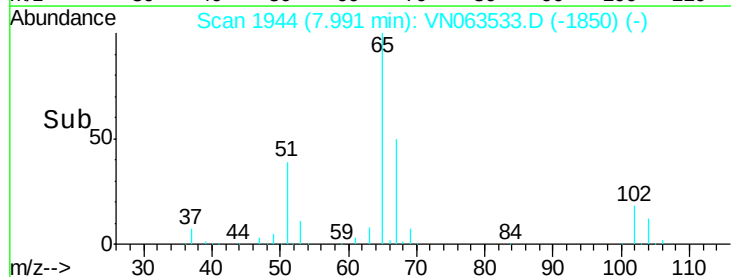
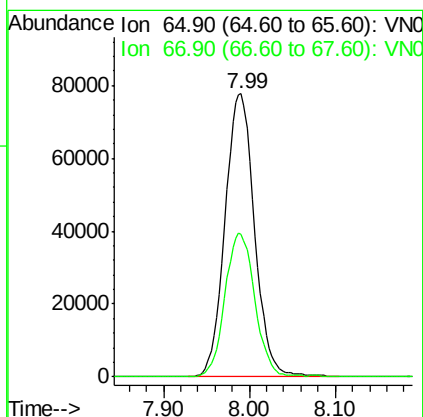
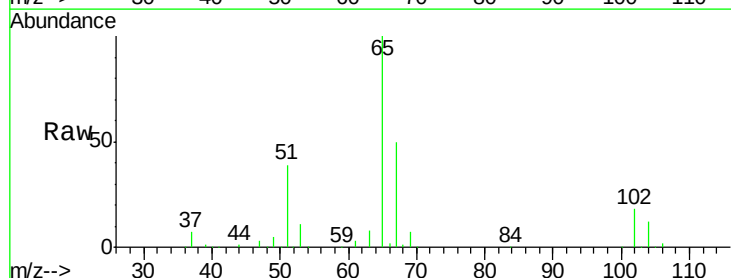
Instrument :
MSVOA_N
ClientSampled :
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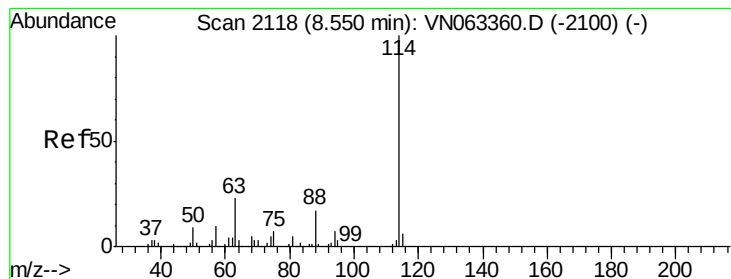
Tot Ion: 84 Resp: 2673
Ion Ratio Lower Upper
84 100
49 127.6 110.7 166.1
51 61.7 32.9 49.3#
86 55.1 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 47.673 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN063533.D
Acq: 22 Sep 2020 15:20

Tgt Ion: 65 Resp: 185378
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063533.D

Acq: 22 Sep 2020 15:20

Instrument :

MSVOA_N

ClientSampled :

FIELD-BLANK

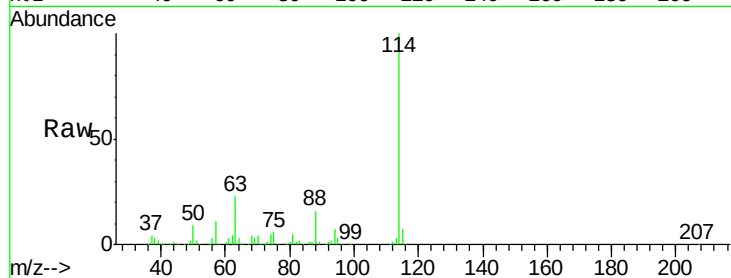
Tot Ion:114 Resp: 413270

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.4

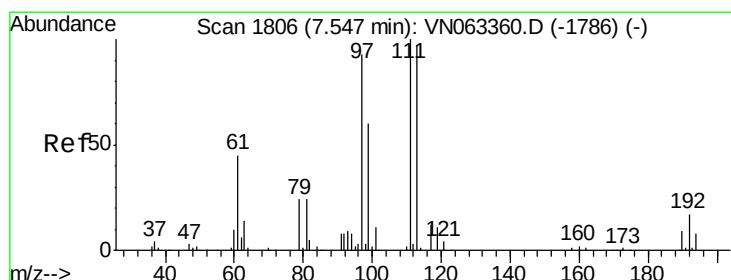
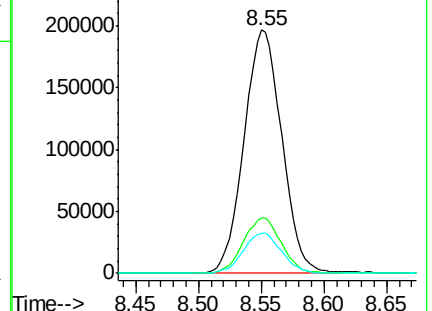
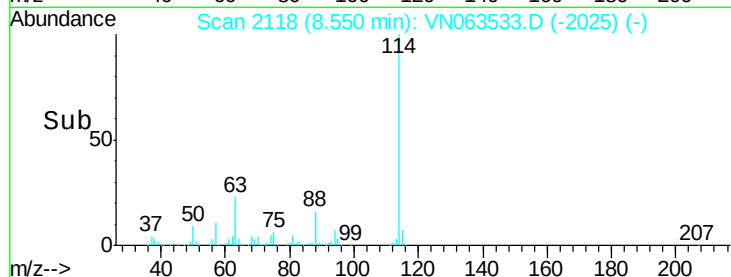
88 16.5 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.735 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063533.D

Acq: 22 Sep 2020 15:20

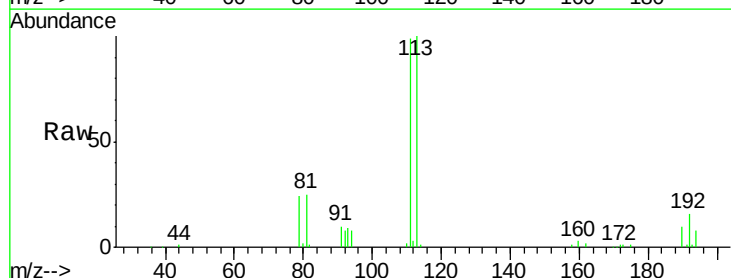
Tgt Ion:113 Resp: 136570

Ion Ratio Lower Upper

113 100

111 100.8 82.9 124.3

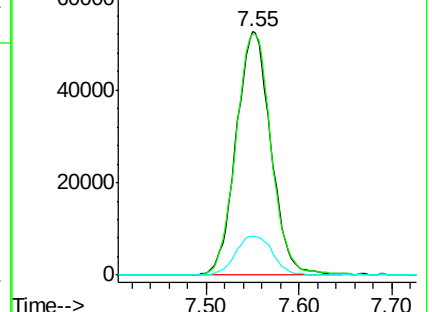
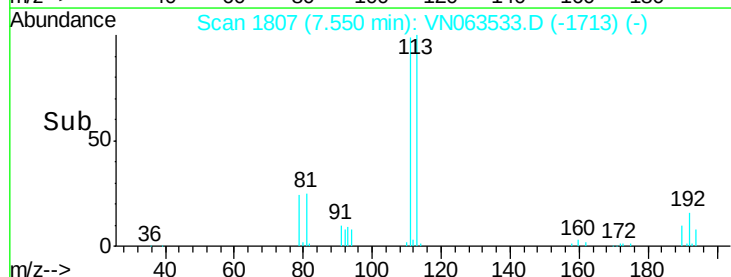
192 16.9 13.9 20.9

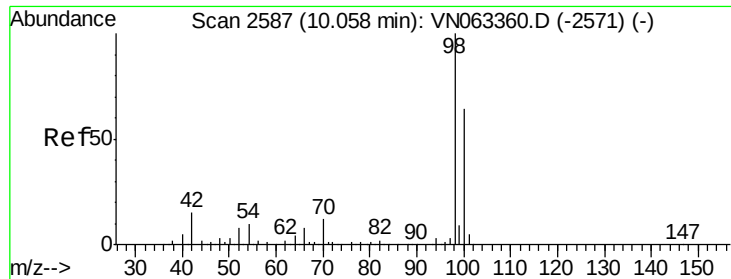


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.980 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063533.D

Acq: 22 Sep 2020 15:20

Instrument :

MSVOA_N

ClientSampled :

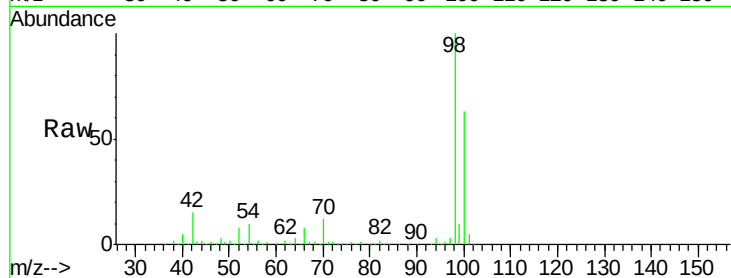
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Tot Ion: 98 Resp: 537672

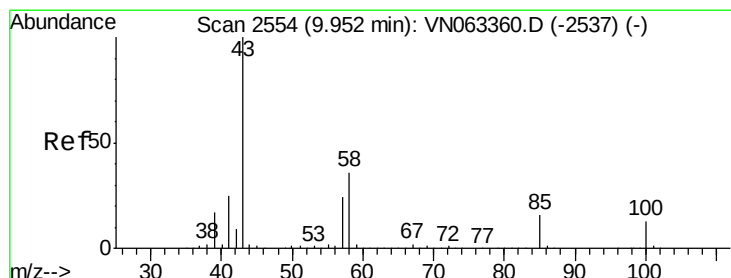
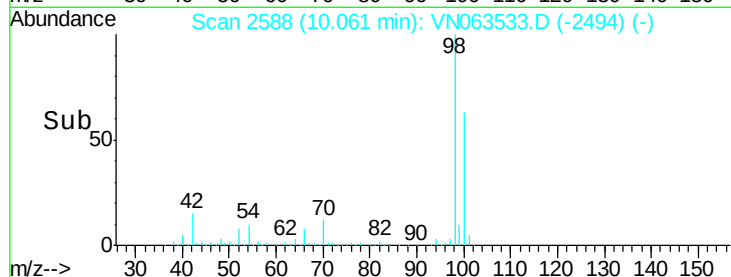
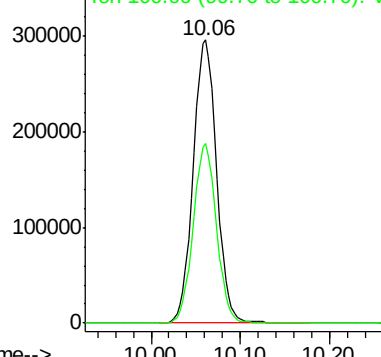
Ion Ratio Lower Upper

98 100

100 63.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.032 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063533.D

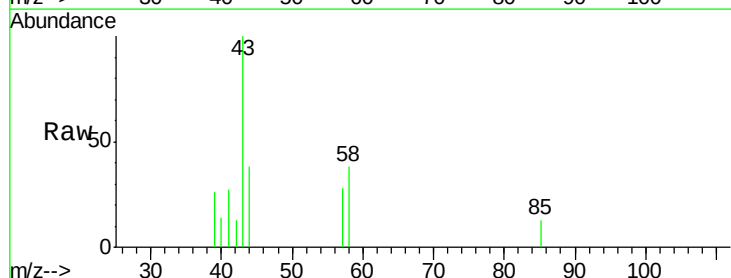
Acq: 22 Sep 2020 15:20

Tgt Ion: 43 Resp: 4466

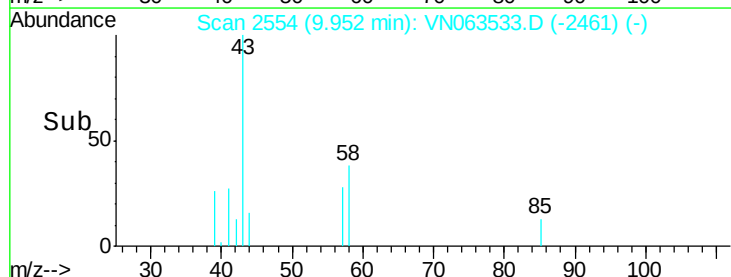
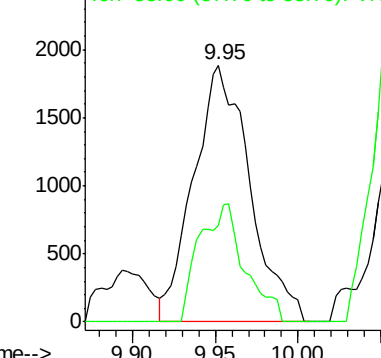
Ion Ratio Lower Upper

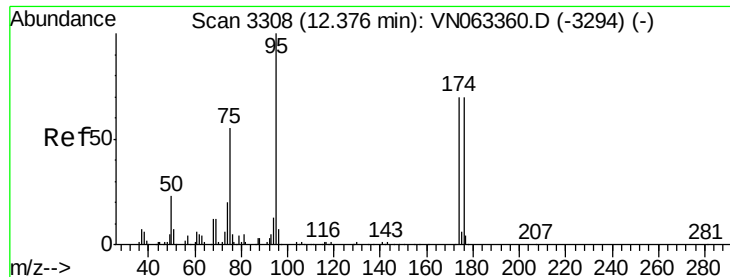
43 100

58 36.7 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-2537) (-)





#62

4-Bromofluorobenzene

Concen: 52.877 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063533.D

Acq: 22 Sep 2020 15:20

Instrument :

MSVOA_N

ClientSampled :

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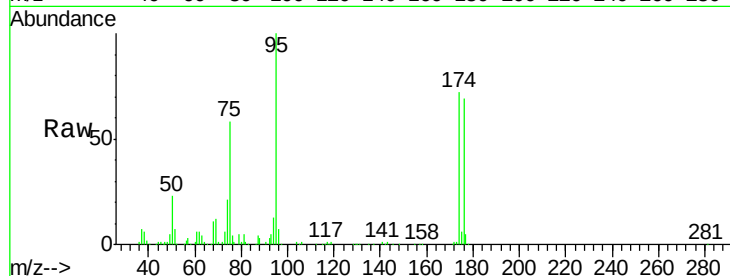
Tot Ion: 95 Resp: 208525

Ion Ratio Lower Upper

95 100

174 72.9 0.0 140.8

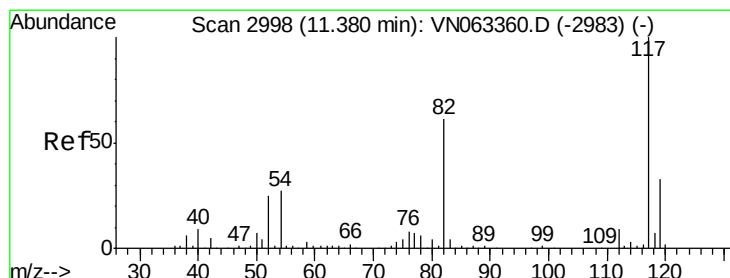
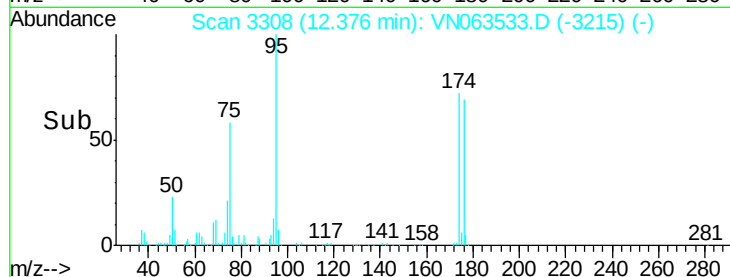
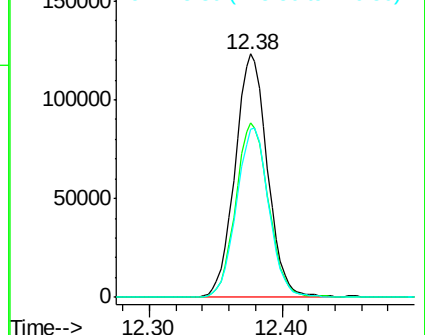
176 69.7 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063533.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN063533.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN063533.D (-3215) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063533.D

Acq: 22 Sep 2020 15:20

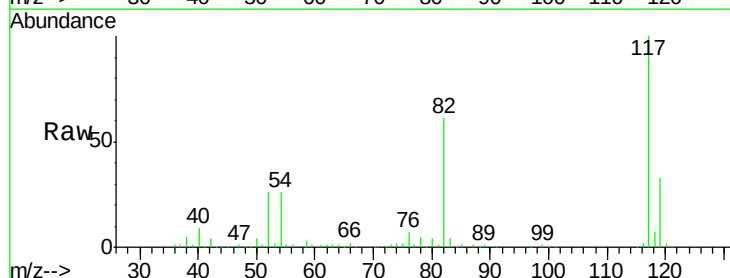
Tgt Ion: 117 Resp: 417845

Ion Ratio Lower Upper

117 100

82 61.1 49.2 73.8

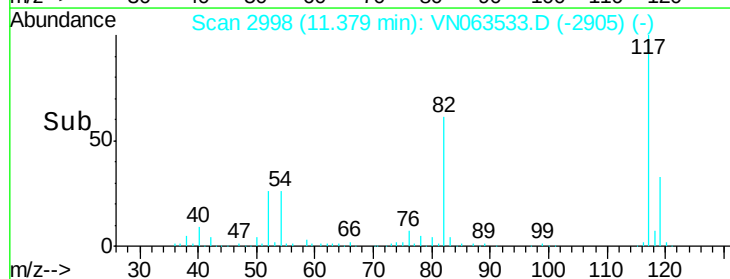
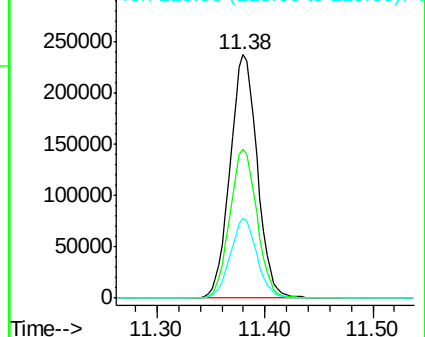
119 32.5 26.2 39.4

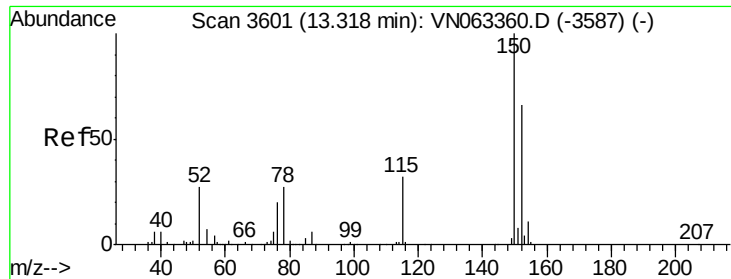


Abundance Ion 116.90 (116.60 to 117.60): VN063533.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN063533.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN063533.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: VN063533.D

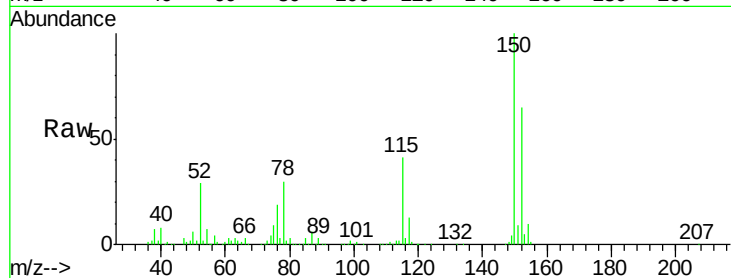
Acq: 22 Sep 2020 15:20

Instrument :

MSVOA_N

ClientSampleId :

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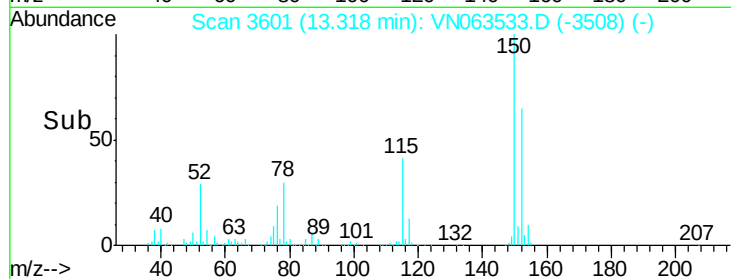
Tot Ion:152 Resp: 177881

Ion Ratio Lower Upper

152 100

115 64.3 32.2 96.6

150 155.7 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

