

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092820\
 Data File : VN063709.D
 Acq On : 28 Sep 2020 16:45
 Operator : JC/MD
 Sample : PB131914ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131914ZHE#04

Manual Integrations
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 9/29/2020 4:38:05 PM

Quant Time: Sep 29 04:26:39 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	218774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	406310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	434405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182034	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	189705	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
35) Dibromofluoromethane	7.55	113	138275	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
50) Toluene-d8	10.06	98	541059	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.38	95	214628	55.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.72%	
Target Compounds						
16) Acetone	3.78	43	17104	14.291	ug/l	94
18) Methyl Acetate	4.28	43	3443m	1.133	ug/l	
20) Methylene Chloride	4.51	84	13829	4.560	ug/l #	90
25) 2-Butanone	6.80	43	10098	5.486	ug/l	94
43) Isopropyl Acetate	8.13	43	70864	9.328	ug/l	99

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

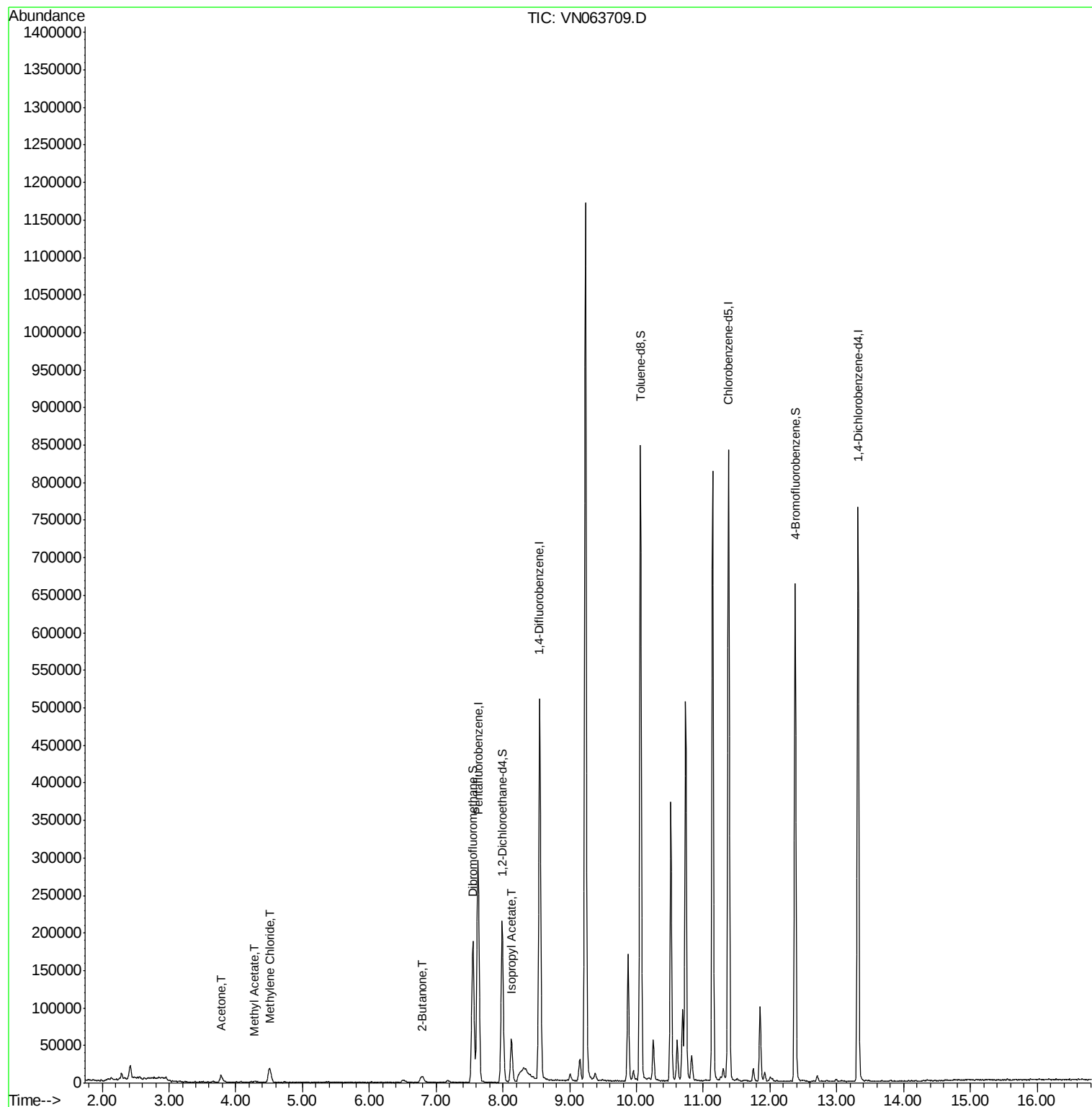
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092820\
Data File : VN063709.D
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Quant Time: Sep 29 04:26:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063709.D

Acq: 28 Sep 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

PB131914ZHE#04

Tot Ion:168 Resp: 218774

Ion Ratio Lower Upper

168 100

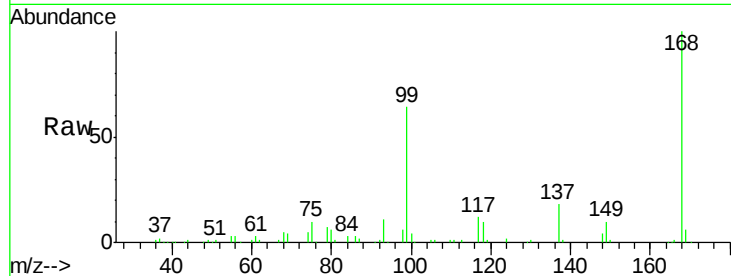
99 64.3 53.0 79.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

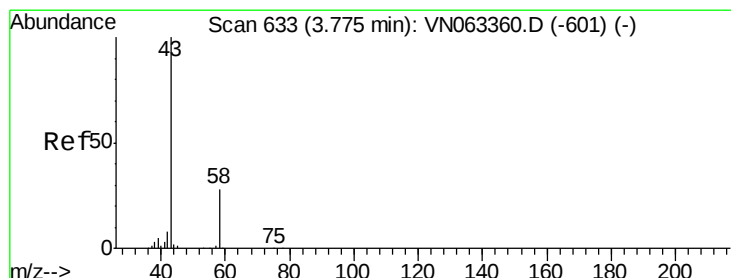
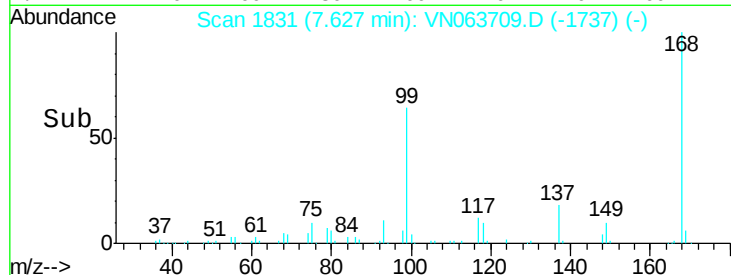
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 14.291 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063709.D

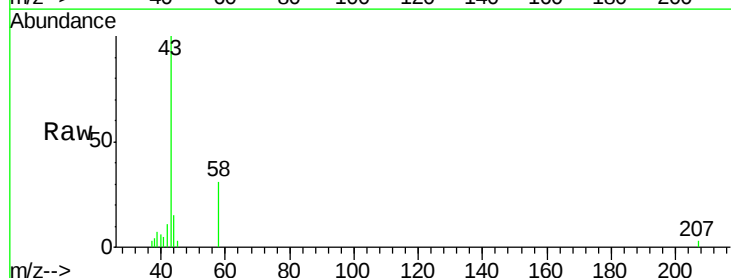
Acq: 28 Sep 2020 16:45

Tgt Ion: 43 Resp: 17104

Ion Ratio Lower Upper

43 100

58 31.0 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

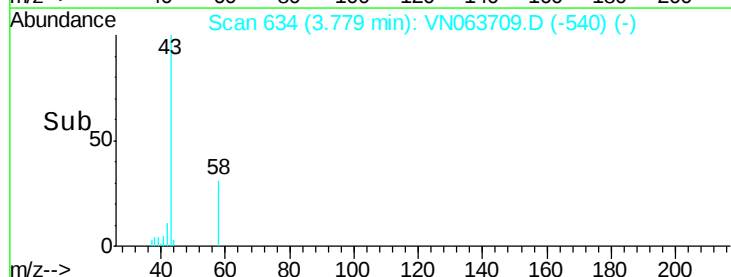
6000

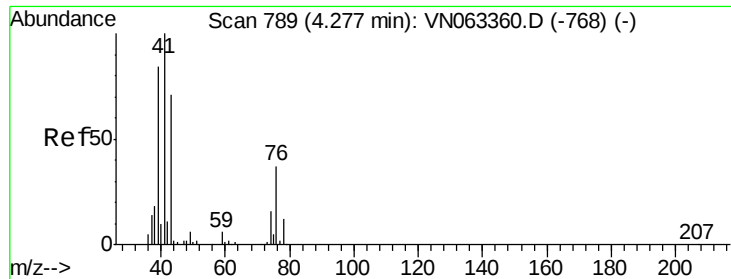
4000

2000

0

Time--> 3.70 3.80 3.90





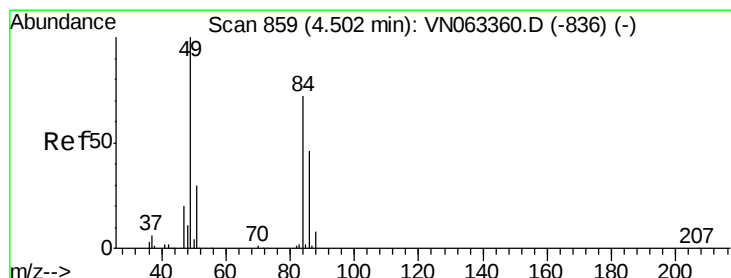
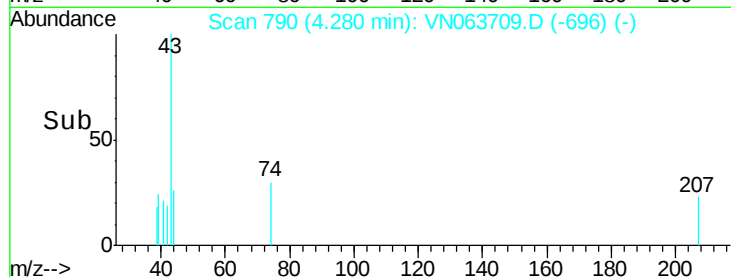
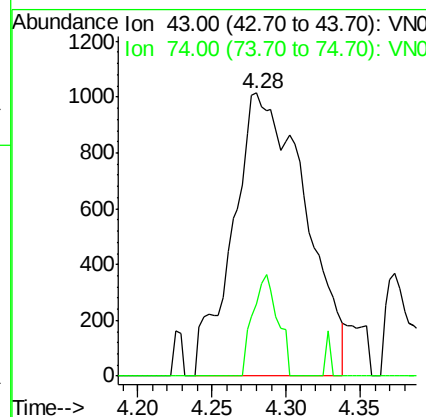
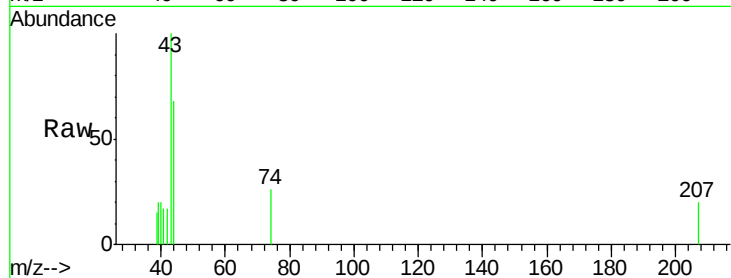
#18
Methyl Acetate
Concen: 1.133 ug/l m
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063709.D
Acq: 28 Sep 2020 16:45

Instrument :
MSVOA_N
ClientSampleId :
PB131914ZHE#04

Tot Ion: 43 Resp: 3443
Ion Ratio Lower Upper
43 100
74 12.3 17.4 26.2#

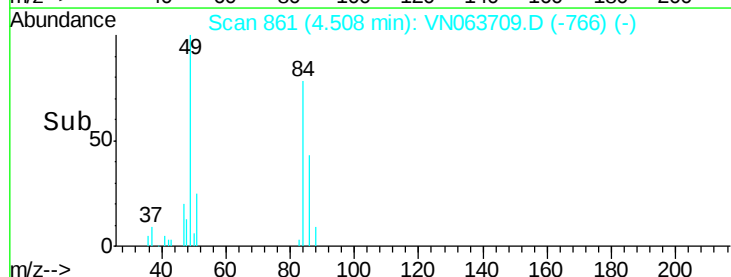
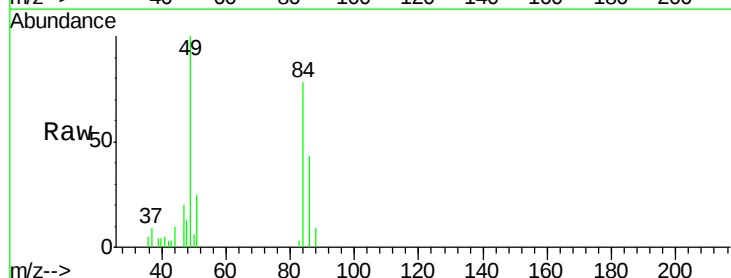
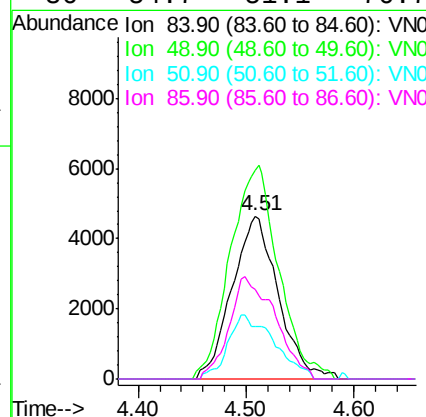
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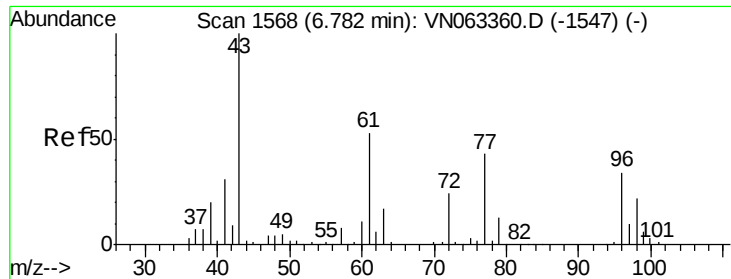
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#20
Methylene Chloride
Concen: 4.560 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063709.D
Acq: 28 Sep 2020 16:45

Tgt Ion: 84 Resp: 13829
Ion Ratio Lower Upper
84 100
49 128.0 110.7 166.1
51 31.9 32.9 49.3#
86 54.7 51.1 76.7





#25

2-Butanone

Concen: 5.486 ug/l

RT: 6.80 min Scan# 1574

Delta R.T. 0.02 min

Lab File: VN063709.D

Acq: 28 Sep 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

PB131914ZHE#04

Tot Ion: 43 Resp: 10098

Ion Ratio Lower Upper

43 100

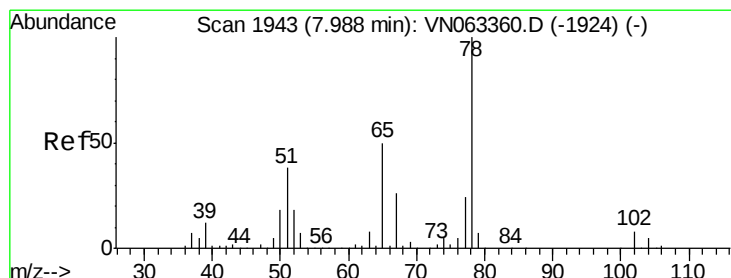
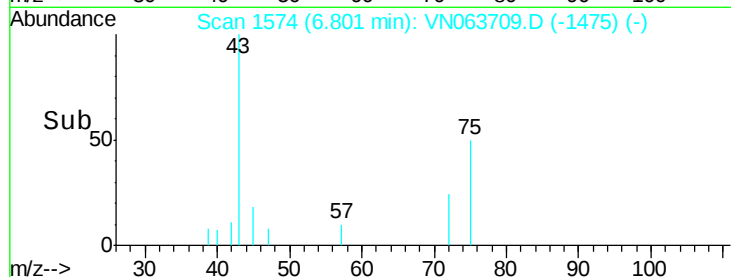
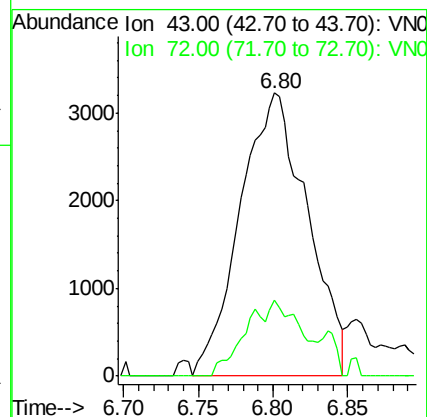
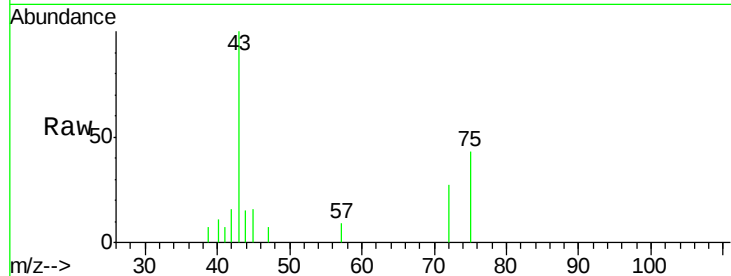
72 26.8 19.2 28.8

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#33

1,2-Dichloroethane-d4

Concen: 50.940 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063709.D

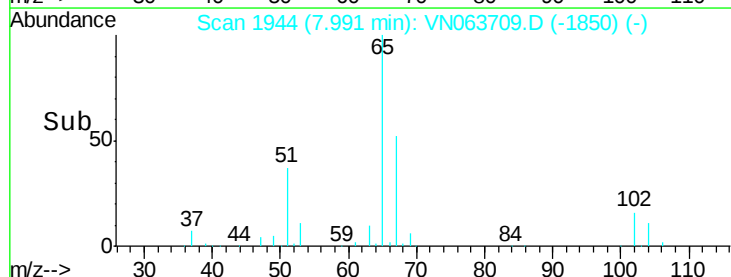
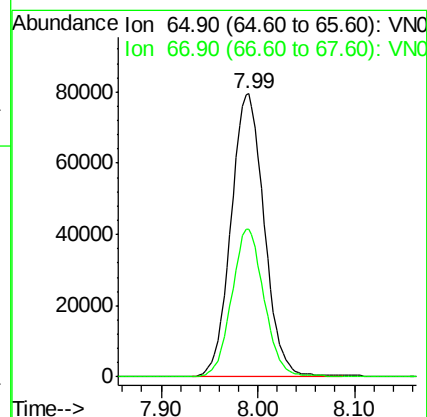
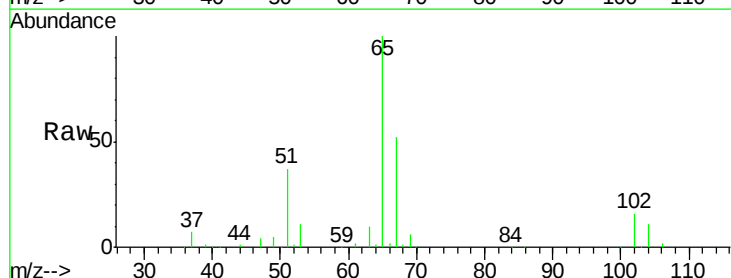
Acq: 28 Sep 2020 16:45

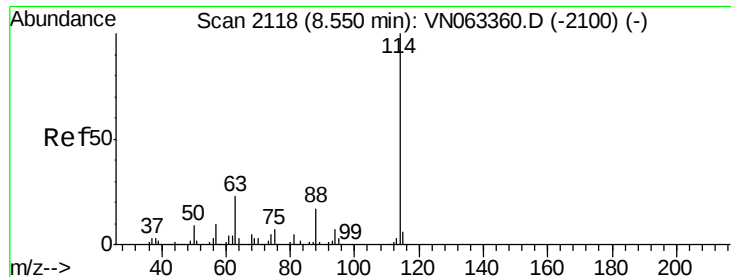
Tgt Ion: 65 Resp: 189705

Ion Ratio Lower Upper

65 100

67 50.6 0.0 104.2





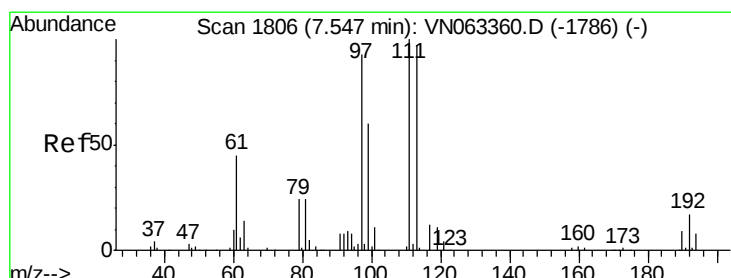
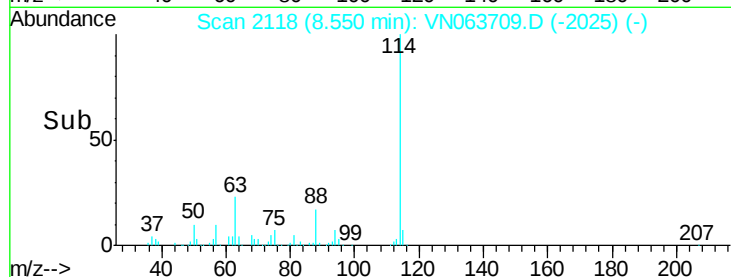
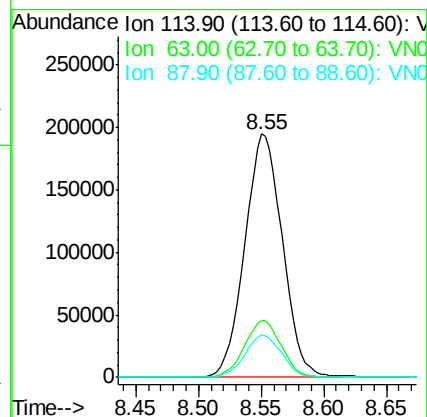
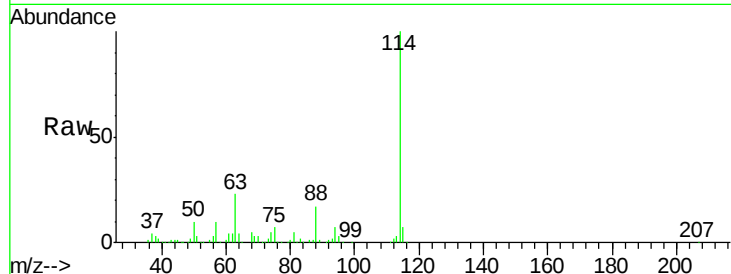
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063709.D
 Acq: 28 Sep 2020 16:45

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131914ZHE#04

Tot Ion	Ratio	Resp	Lower	Upper
114	100	406310		
63	23.3	0.0	46.4	
88	17.3	0.0	33.2	

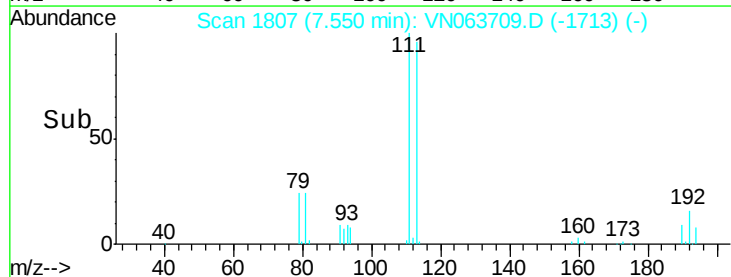
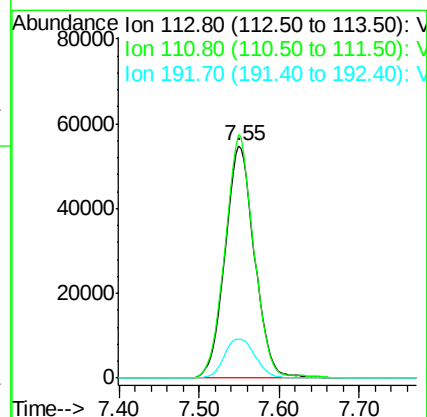
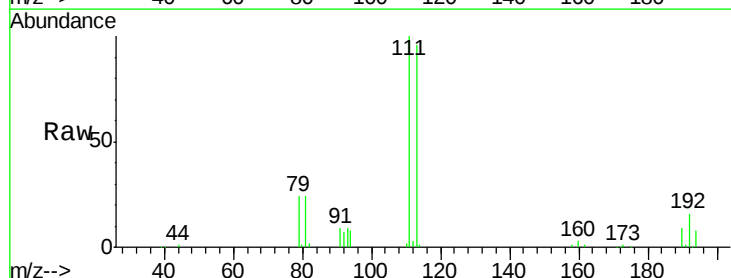
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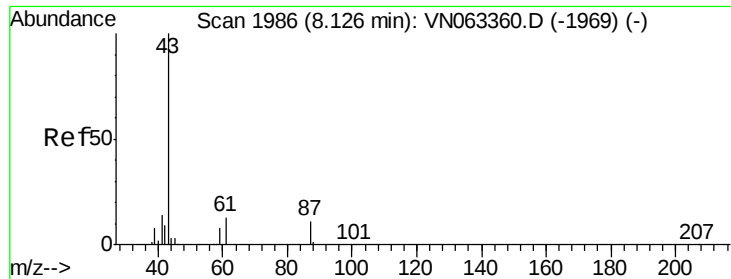
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#35
 Dibromofluoromethane
 Concen: 49.159 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063709.D
 Acq: 28 Sep 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	138275		
111	101.9	82.9	124.3	
192	17.7	13.9	20.9	





#43

Isopropyl Acetate

Concen: 9.328 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063709.D

Acq: 28 Sep 2020 16:45

Instrument :

MSVOA_N

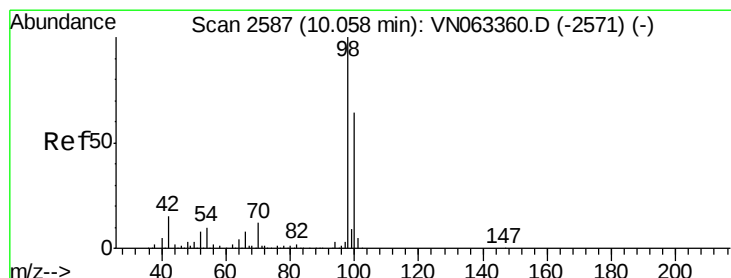
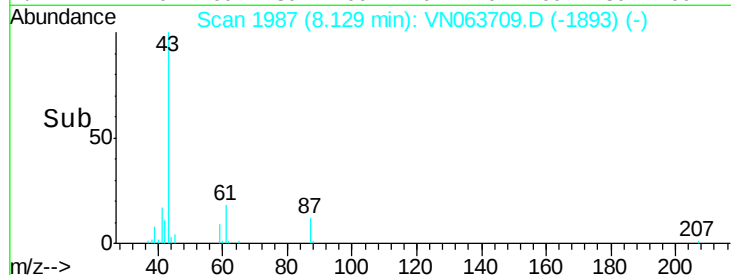
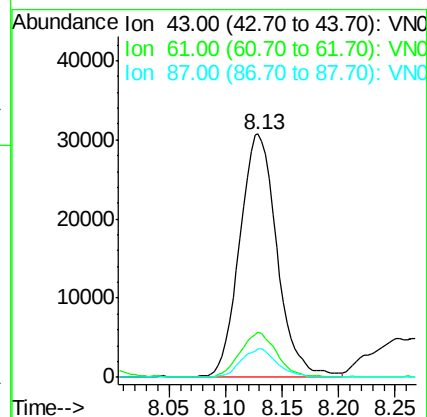
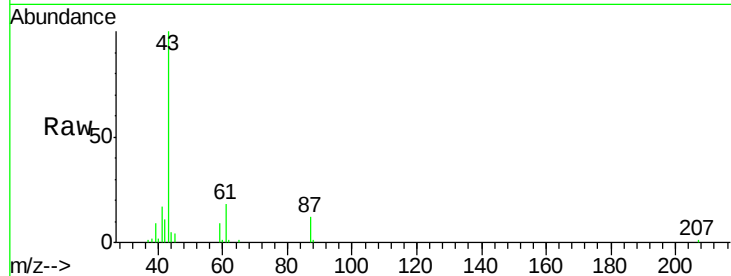
ClientSampleId :

PB131914ZHE#04

Tot Ion:	43	Resp:	70864
Ion	Ratio	Lower	Upper
43	100		
61	18.0	14.2	21.2
87	11.2	9.0	13.6

Manual Integrations
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#50

Toluene-d8

Concen: 51.156 ug/l

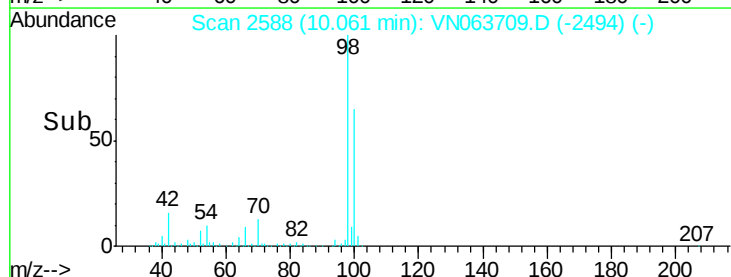
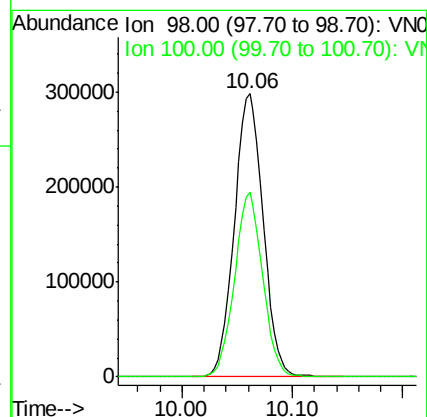
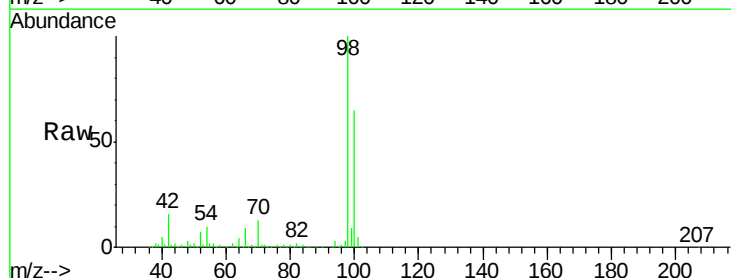
RT: 10.06 min Scan# 2588

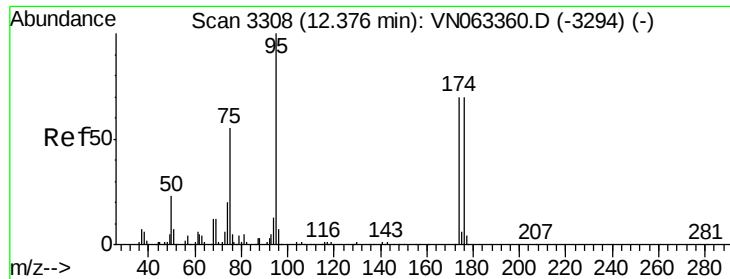
Delta R.T. 0.00 min

Lab File: VN063709.D

Acq: 28 Sep 2020 16:45

Tgt Ion:	98	Resp:	541059
Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.7	76.1





#62

4-Bromofluorobenzene

Concen: 55.356 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063709.D

Acq: 28 Sep 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

PB131914ZHE#04

Tot Ion: 95 Resp: 214628

Ion Ratio Lower Upper

95 100

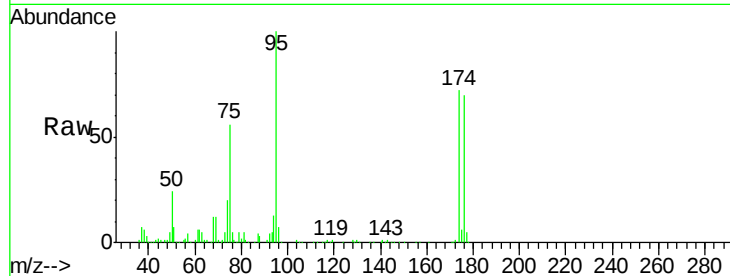
174 73.1 0.0 140.8

176 71.5 0.0 137.6

Manual Integrations
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Abundance Ion 94.90 (94.60 to 95.60): VN063709.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN063709.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN063709.D (-3215) (-)

12.38

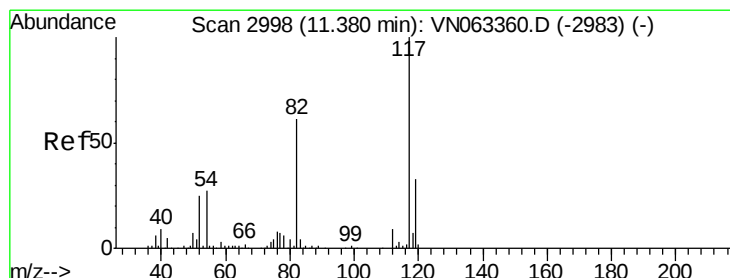
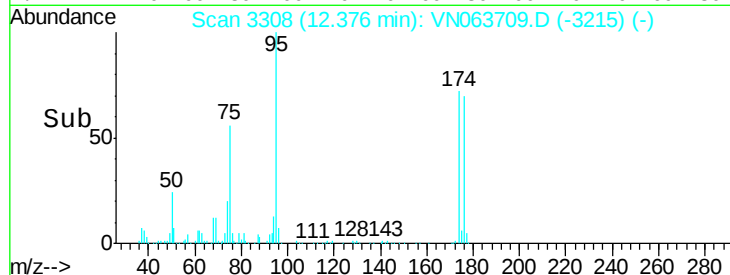
100000

50000

0

12.30 12.35 12.40 12.45

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063709.D

Acq: 28 Sep 2020 16:45

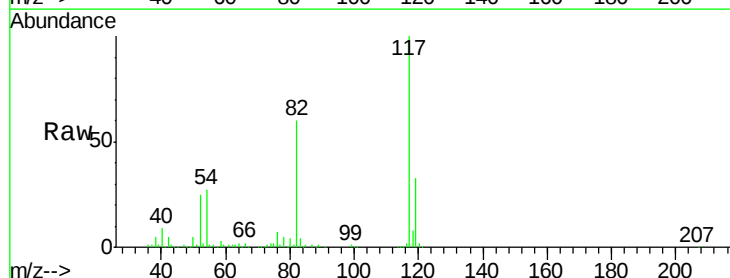
Tgt Ion: 117 Resp: 434405

Ion Ratio Lower Upper

117 100

82 60.1 49.2 73.8

119 32.7 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): VN063709.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN063709.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN063709.D (-2905) (-)

11.38

300000

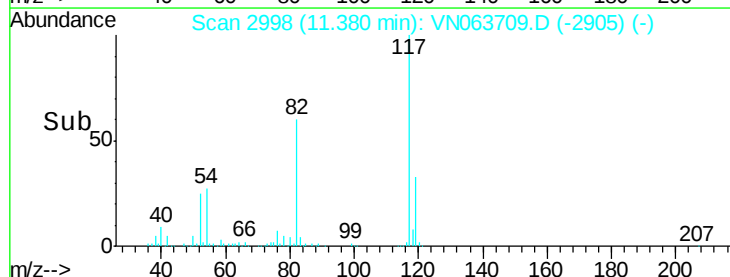
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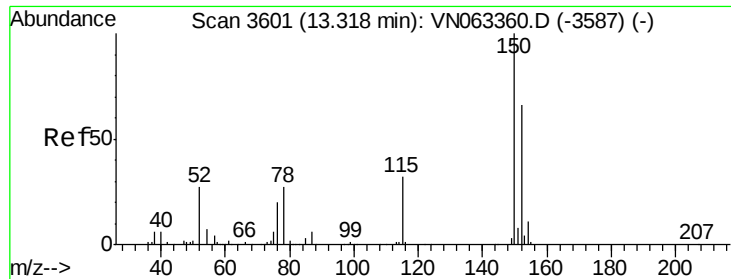
100000

0

11.30 11.35 11.40 11.45

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063709.D

Acq: 28 Sep 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

PB131914ZHE#04

Tot Ion:152 Resp: 182034

Ion Ratio Lower Upper

152 100

115 63.6 32.2 96.6

150 158.0 0.0 343.4

Manual Integrations

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