

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063374.D
 Acq On : 16 Sep 2020 19:06
 Operator : JC/MD
 Sample : PB131646ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131646ZHE#07

Manual Integrations
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 9/17/2020 1:08:59 PM

Quant Time: Sep 17 04:34:52 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	237282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	454615	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	453589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	193948	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	197427	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
35) Dibromofluoromethane	7.55	113	146132	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
50) Toluene-d8	10.06	98	586657	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.38	95	235111	54.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.40%	
Target Compounds						
16) Acetone	3.77	43	13366	10.296	ug/l	100
18) Methyl Acetate	4.28	43	3728m	1.131	ug/l	
20) Methylene Chloride	4.51	84	13072	3.975	ug/l	94
43) Isopropyl Acetate	8.13	43	91282	10.739	ug/l	99

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

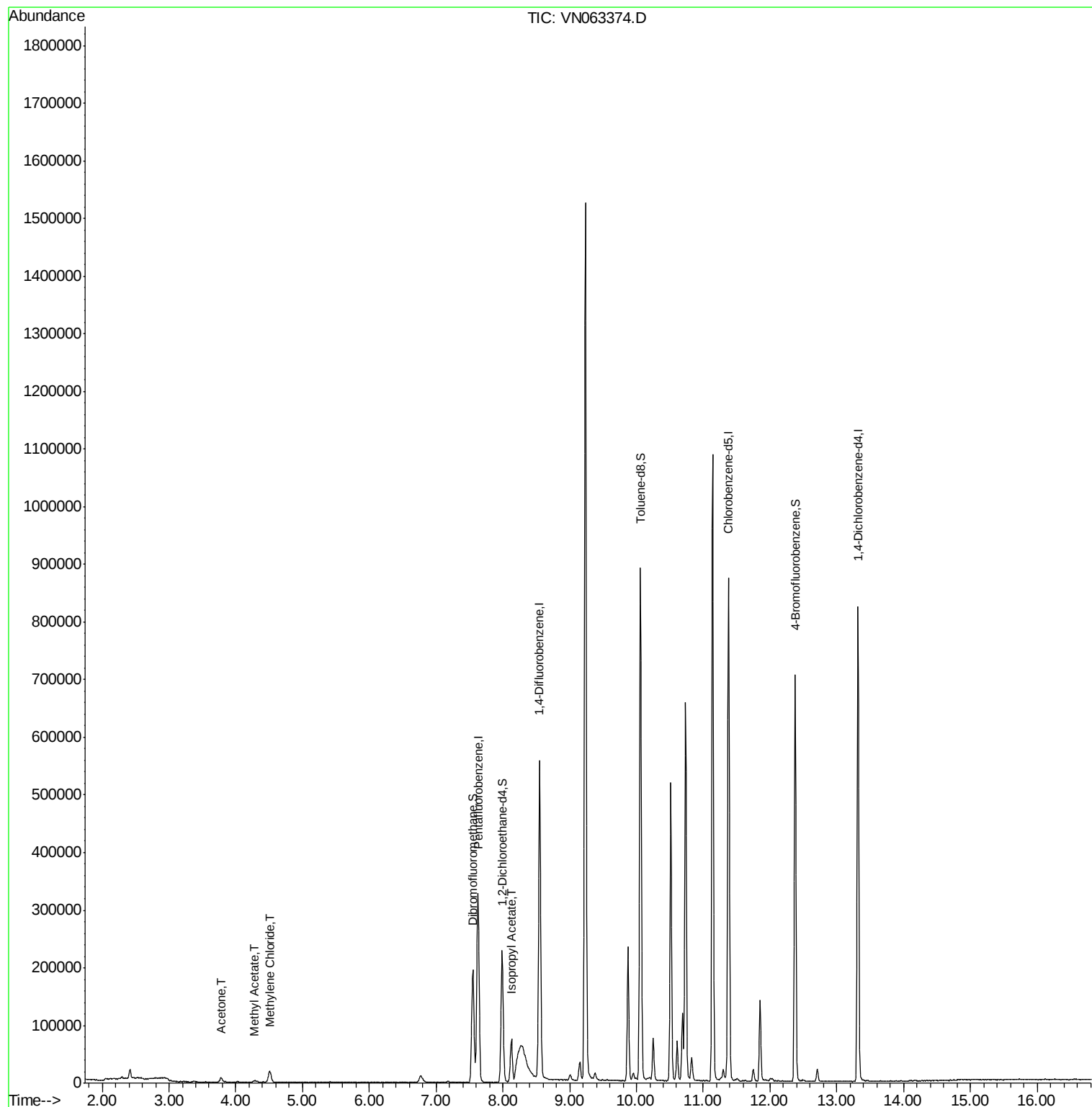
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091620\
Data File : VN063374.D
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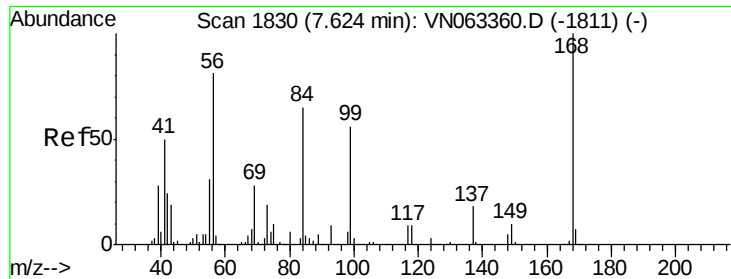
Instrument :
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ClientSampleId :
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Quant Time: Sep 17 04:34:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063374.D

Acq: 16 Sep 2020 19:06

Instrument :

MSVOA_N

ClientSampleId :

PB131646ZHE#07

Tot Ion:168 Resp: 237282

Ion Ratio Lower Upper

168 100

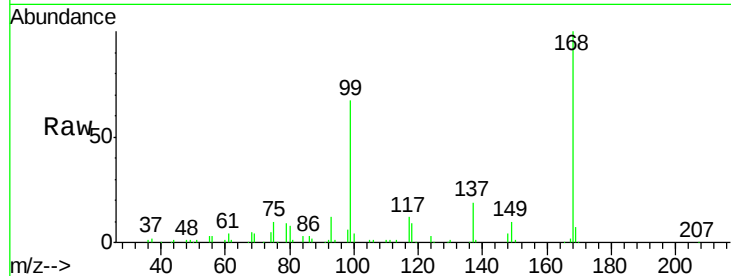
99 67.3 53.0 79.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

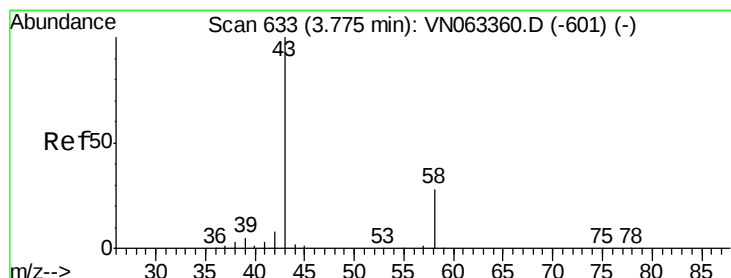
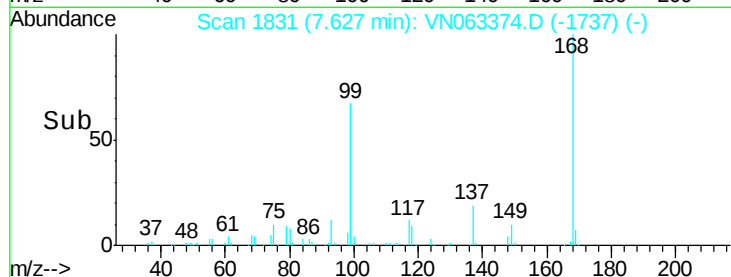
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 10.296 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063374.D

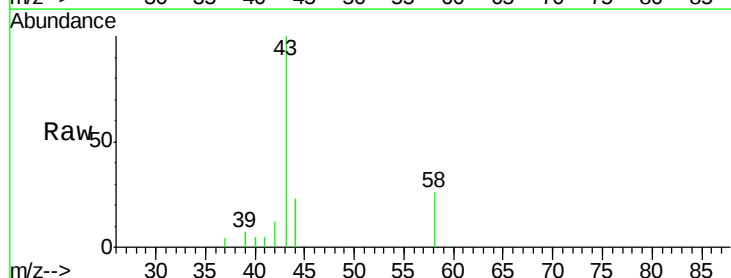
Acq: 16 Sep 2020 19:06

Tgt Ion: 43 Resp: 13366

Ion Ratio Lower Upper

43 100

58 27.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.77

5000

4000

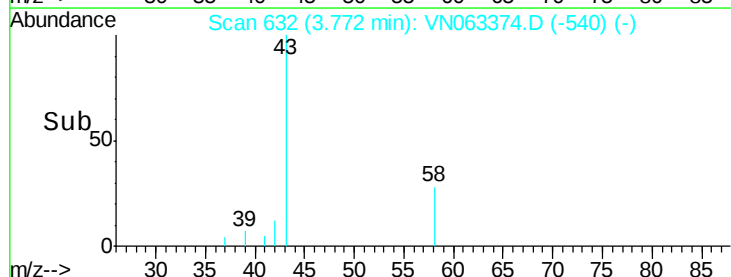
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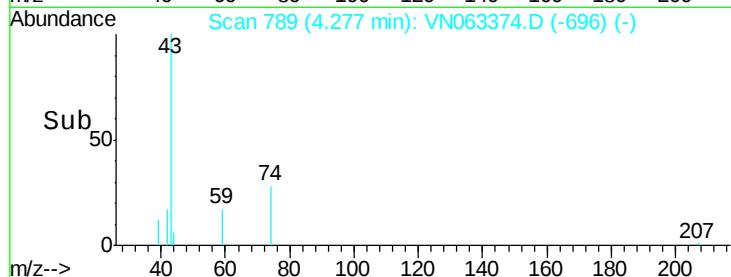
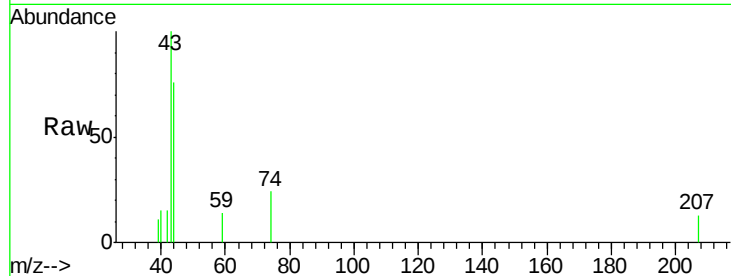
2000

1000

0

Time--> 3.70 3.80 3.90





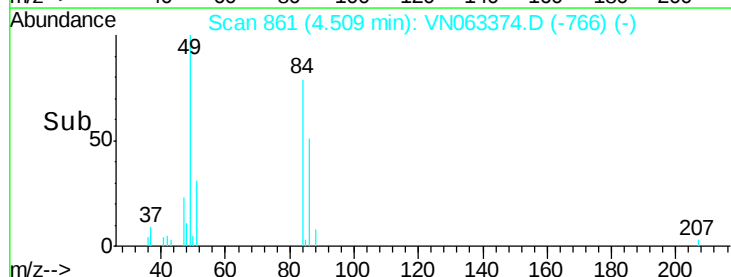
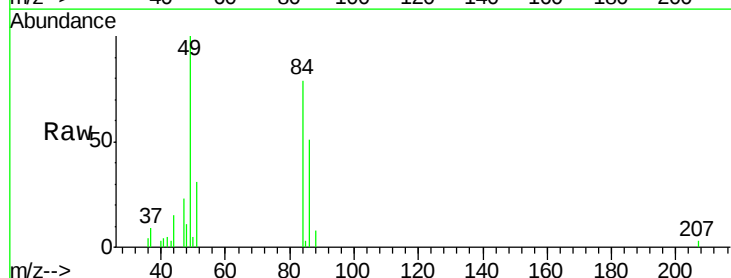
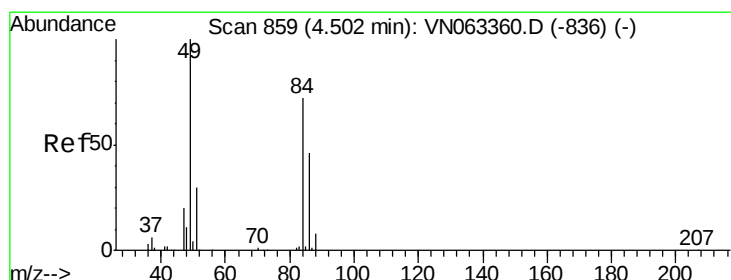
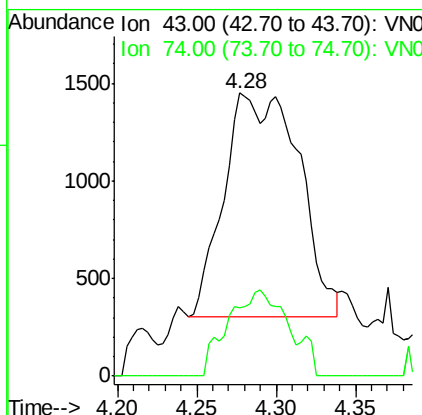
#18
Methyl Acetate
Concen: 1.131 ug/l m
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN063374.D
Acq: 16 Sep 2020 19:06

Tot Ion: 43 Resp: 3728
Ion Ratio Lower Upper
43 100
74 31.5 17.4 26.2#

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#07

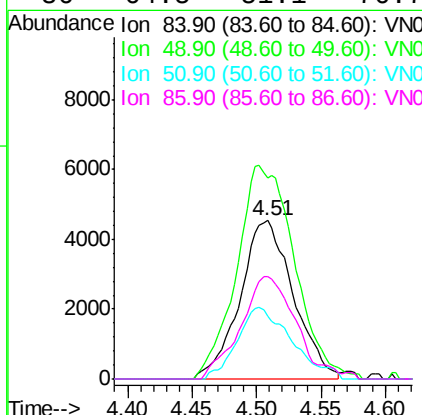
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#20
Methylene Chloride
Concen: 3.975 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063374.D
Acq: 16 Sep 2020 19:06

Tgt Ion: 84 Resp: 13072
Ion Ratio Lower Upper
84 100
49 126.9 110.7 166.1
51 39.8 32.9 49.3
86 64.5 51.1 76.7





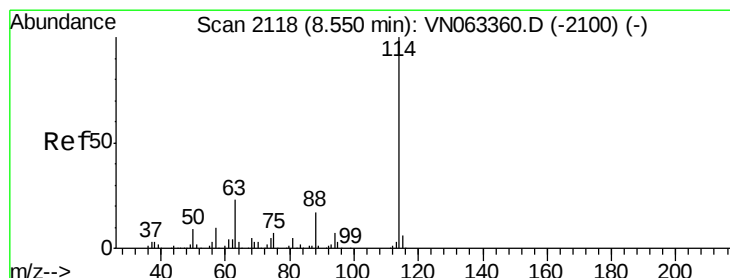
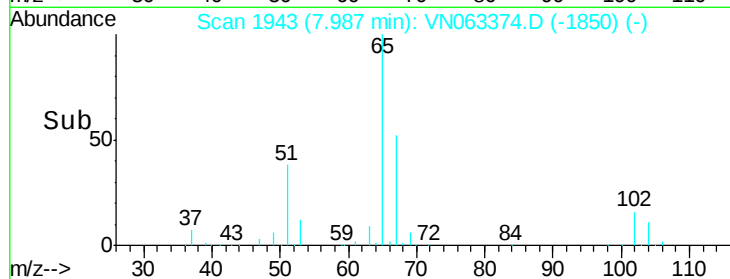
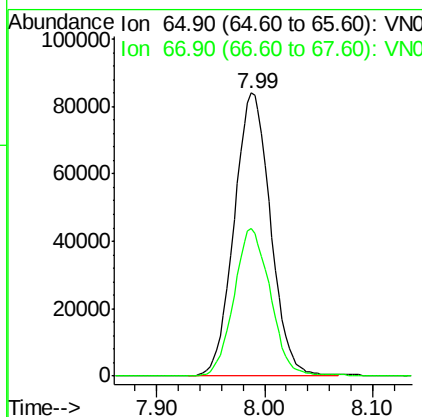
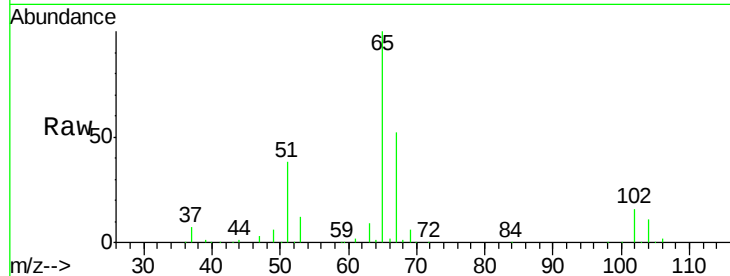
#33
 1,2-Dichloroethane-d4
 Concen: 48.878 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063374.D
 Acq: 16 Sep 2020 19:06

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131646ZHE#07

Tot Ion	Ratio	Resp	Lower	Upper
65	100	197427		
67	51.8	0.0	104.2	

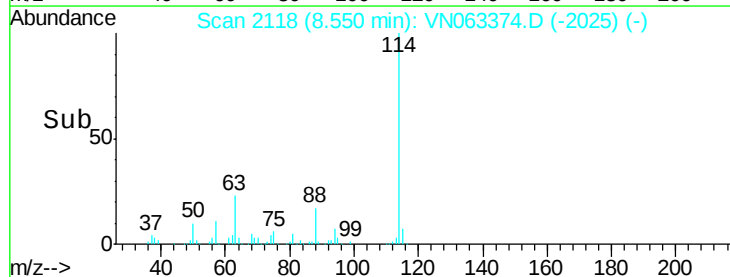
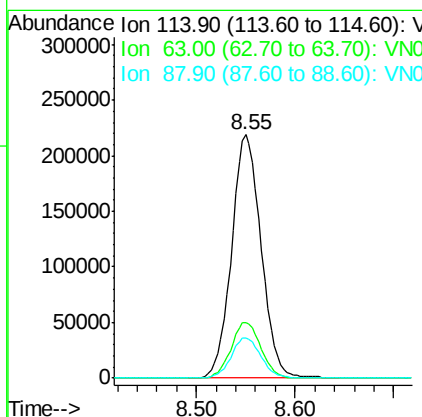
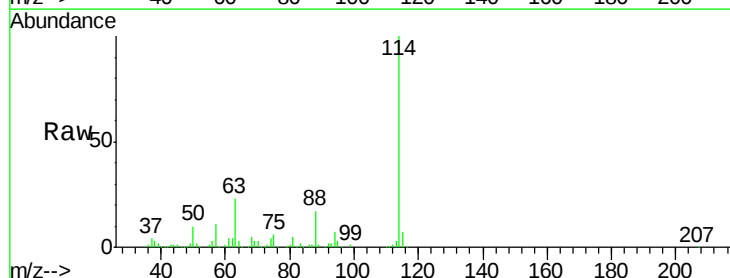
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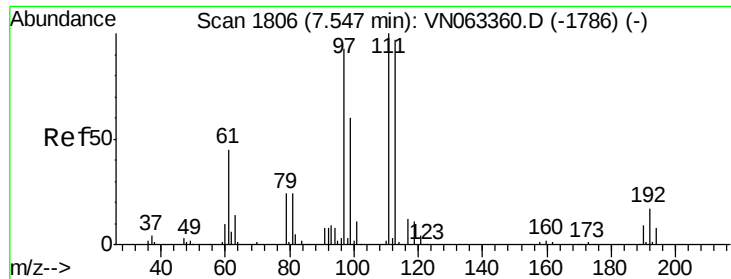
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063374.D
 Acq: 16 Sep 2020 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	454615		
63	23.0	0.0	46.4	
88	16.5	0.0	33.2	





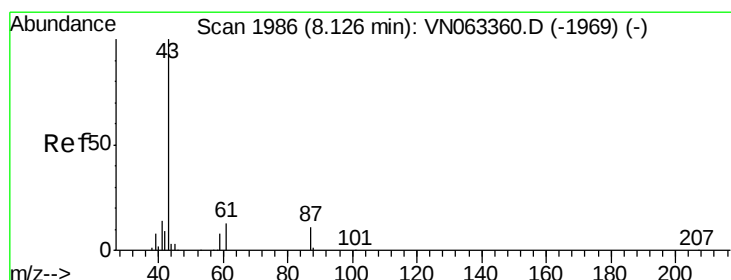
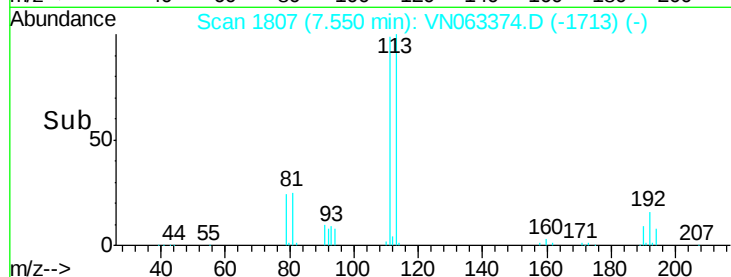
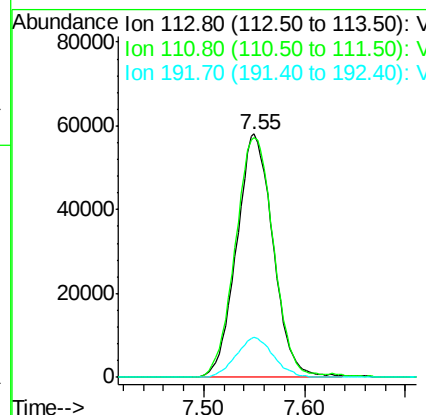
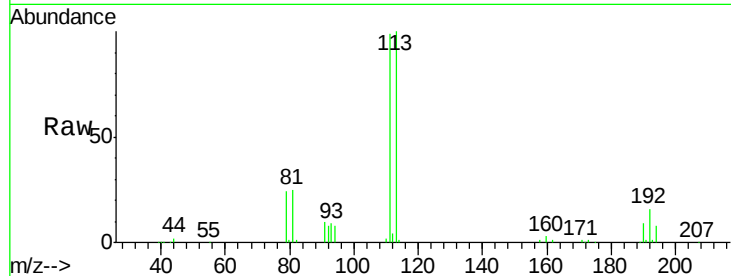
#35
 Dibromofluoromethane
 Concen: 46.432 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063374.D
 Acq: 16 Sep 2020 19:06

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131646ZHE#07

Tot Ion	Ratio	Resp	Lower	Upper
113	100	146132		
111	102.8	82.9	124.3	
192	16.8	13.9	20.9	

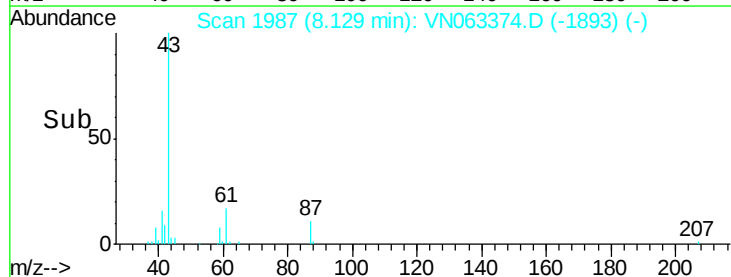
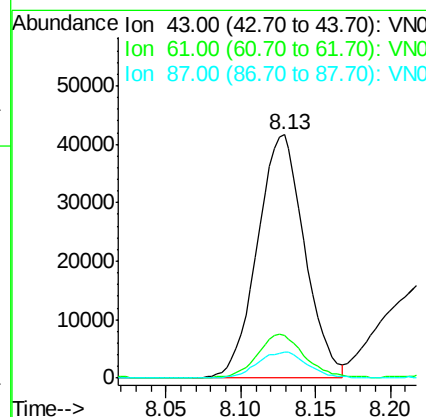
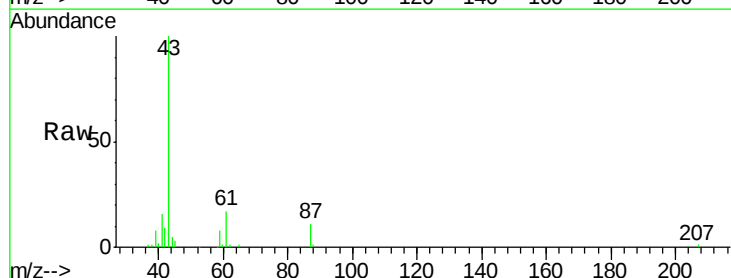
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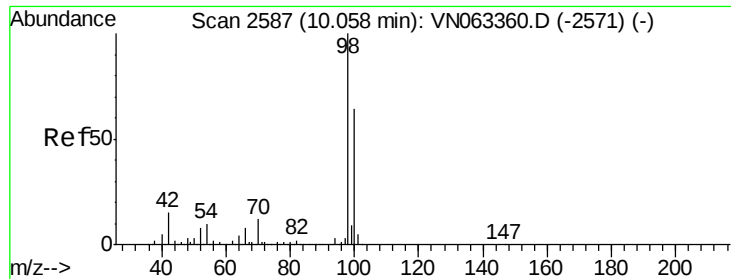
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#43
 Isopropyl Acetate
 Concen: 10.739 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063374.D
 Acq: 16 Sep 2020 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	91282		
61	18.2	14.2	21.2	
87	11.2	9.0	13.6	





#50

Toluene-d8

Concen: 49.574 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063374.D

Acq: 16 Sep 2020 19:06

Instrument :

MSVOA_N

ClientSampleId :

PB131646ZHE#07

Tot Ion: 98 Resp: 586657

Ion Ratio Lower Upper

98 100

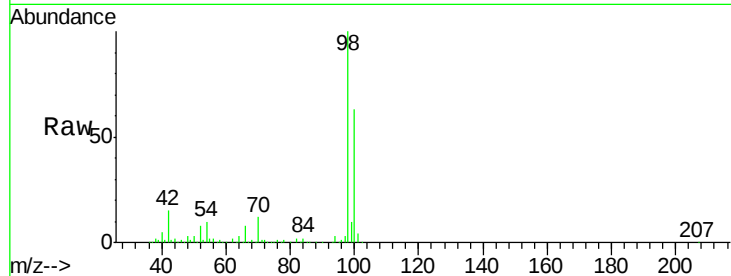
100 63.9 50.7 76.1

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

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)

10.06

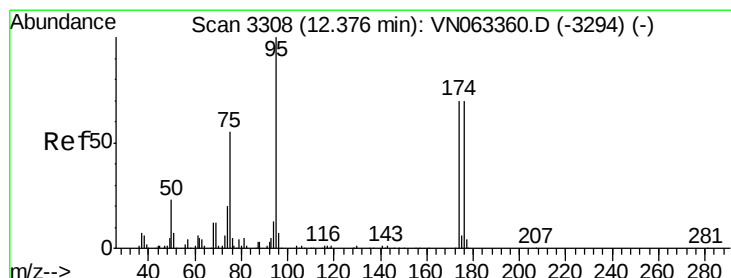
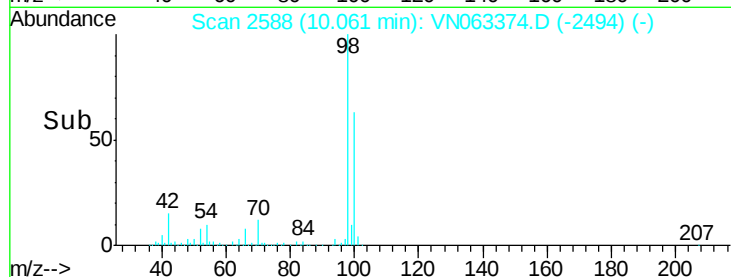
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.196 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063374.D

Acq: 16 Sep 2020 19:06

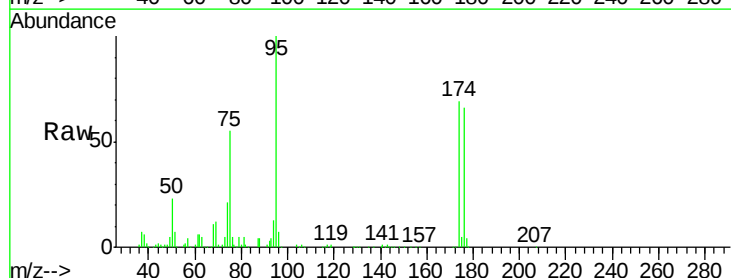
Tgt Ion: 95 Resp: 235111

Ion Ratio Lower Upper

95 100

174 71.3 0.0 140.8

176 67.2 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063360.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063360.D (-3294) (-)

12.38

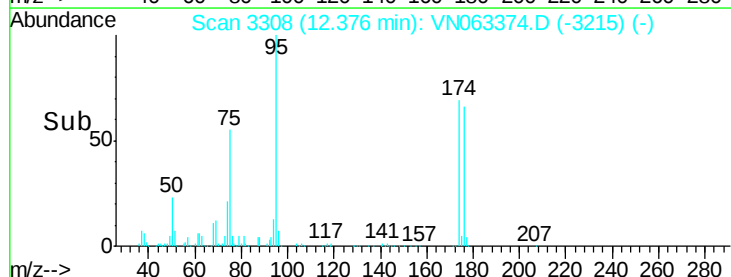
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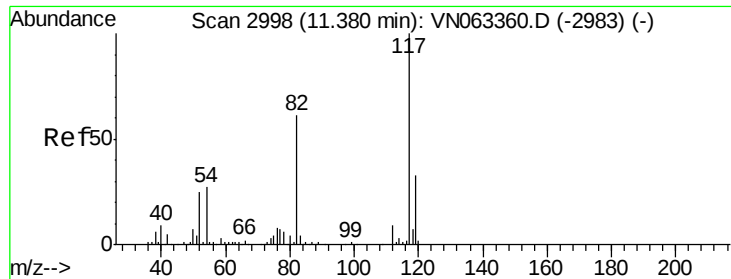
100000

50000

0

Time-->





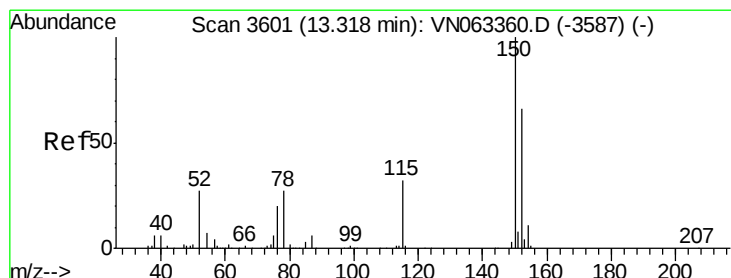
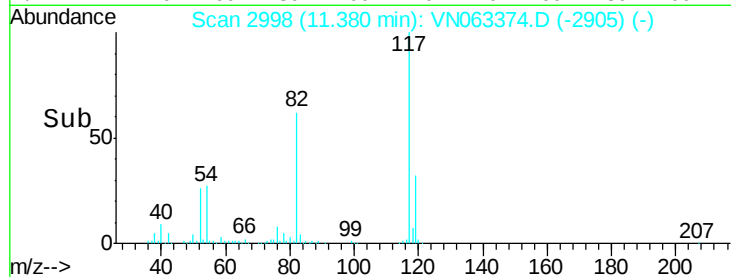
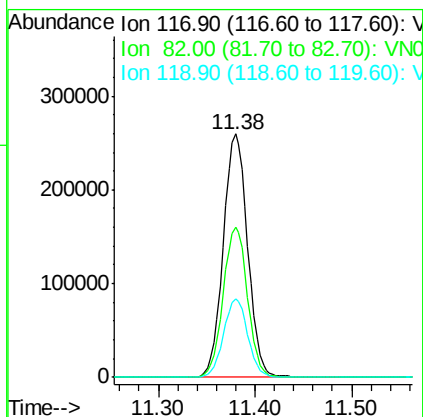
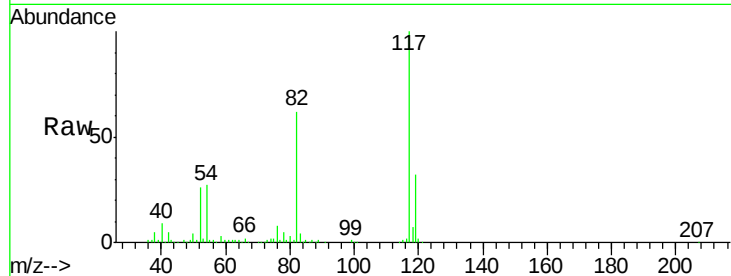
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063374.D
Acq: 16 Sep 2020 19:06

Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#07

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.8	49.2	73.8
119	32.0	26.2	39.4

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063374.D
Acq: 16 Sep 2020 19:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.1	32.2	96.6
150	161.3	0.0	343.4

