

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100520\
 Data File : VN063873.D
 Acq On : 5 Oct 2020 16:09
 Operator : JC/MD
 Sample : PB132063ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132063ZHE#05

Manual Integrations
 APPROVED

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 10/6/2020 12:56:55 PM

Quant Time: Oct 06 02:21:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	226954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	431450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	444376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	195832	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
35) Dibromofluoromethane	7.55	113	141814	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
50) Toluene-d8	10.06	98	547187	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
62) 4-Bromofluorobenzene	12.38	95	215829	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
Target Compounds						
16) Acetone	3.78	43	11294	9.785	ug/l #	84
18) Methyl Acetate	4.29	43	3896m	1.300	ug/l	
20) Methylene Chloride	4.50	84	12350	4.760	ug/l	95
43) Isopropyl Acetate	8.13	43	78061	10.898	ug/l	98

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

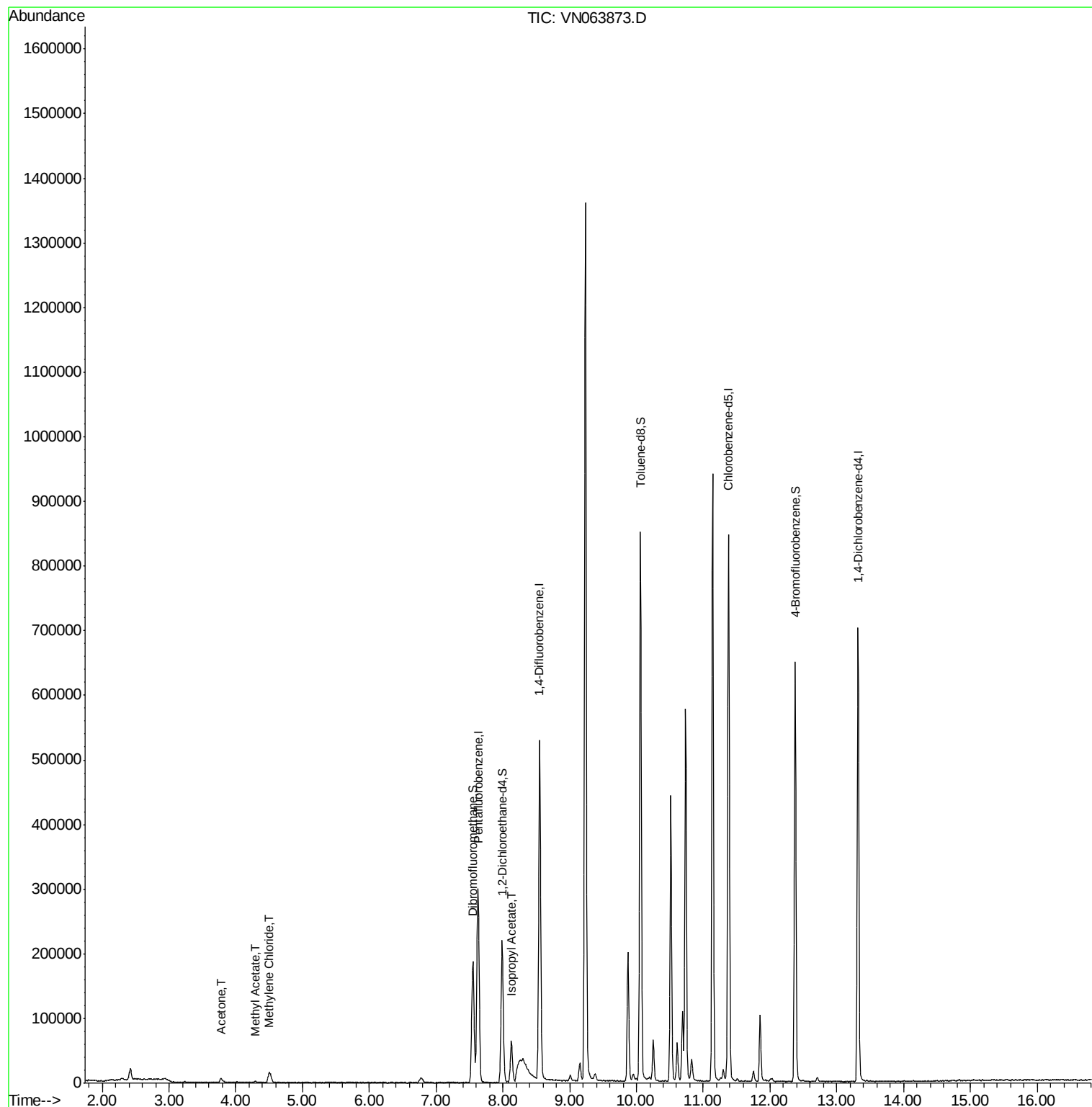
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100520\
Data File : VN063873.D
Acq On : 5 Oct 2020 16:09
Operator : JC/MD
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ALS Vial : 16 Sample Multiplier: 1

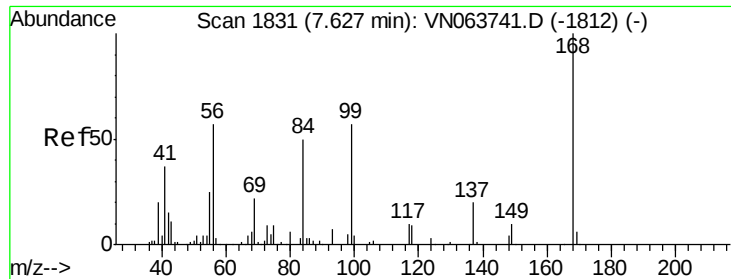
Instrument :
MSVOA_N
ClientSampleId :
PB132063ZHE#05

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Quant Time: Oct 06 02:21:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 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: VN063873.D

Acq: 5 Oct 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB132063ZHE#05

Tot Ion:168 Resp: 226954

Ion Ratio Lower Upper

168 100

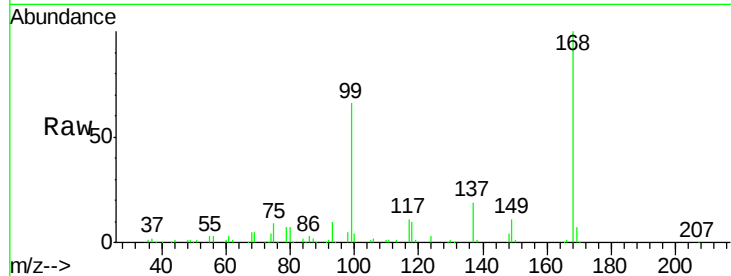
99 65.7 51.8 77.6

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

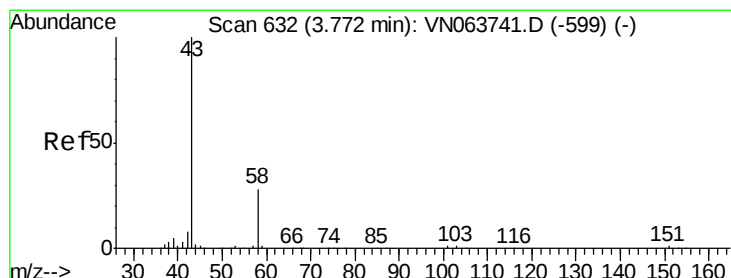
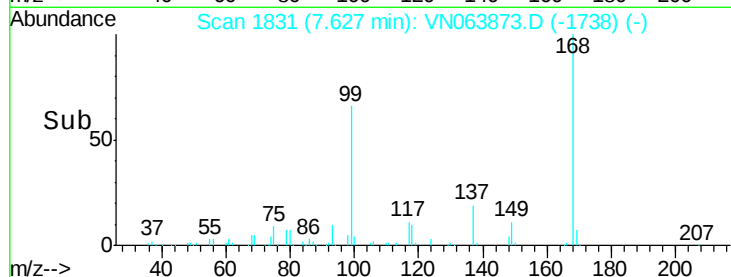
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 9.785 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063873.D

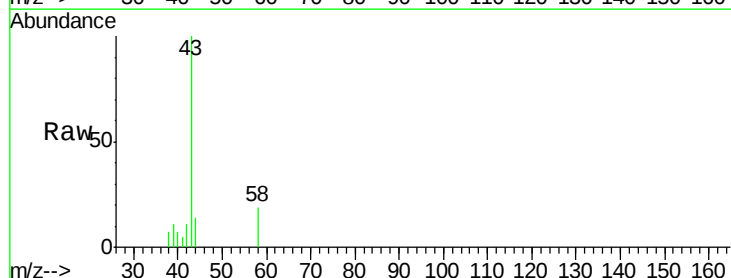
Acq: 5 Oct 2020 16:09

Tgt Ion: 43 Resp: 11294

Ion Ratio Lower Upper

43 100

58 19.4 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

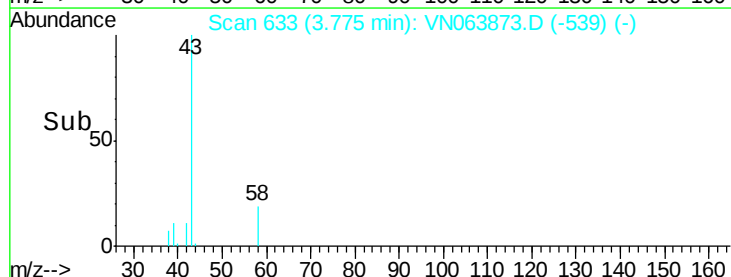
3000

2000

1000

0

Time-->





#18

Methyl Acetate

Concen: 1.300 ug/l m

RT: 4.29 min Scan# 793

Delta R.T. 0.01 min

Lab File: VN063873.D

Acq: 5 Oct 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB132063ZHE#05

Tot Ion: 43 Resp: 3896

Ion Ratio Lower Upper

43 100

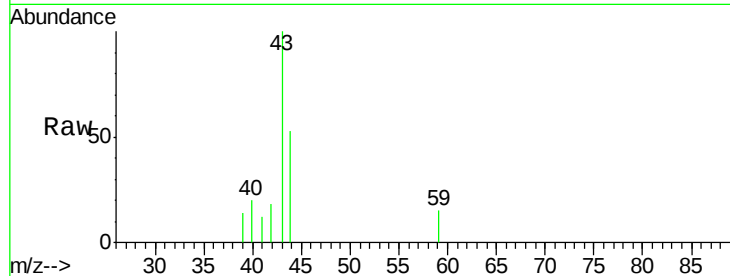
74 4.3 17.4 26.2#

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Abundance Ion 43.00 (42.70 to 43.70): VN063873.D (-696) (-)

Ion 74.00 (73.70 to 74.70): VN063873.D (-696) (-)

1500

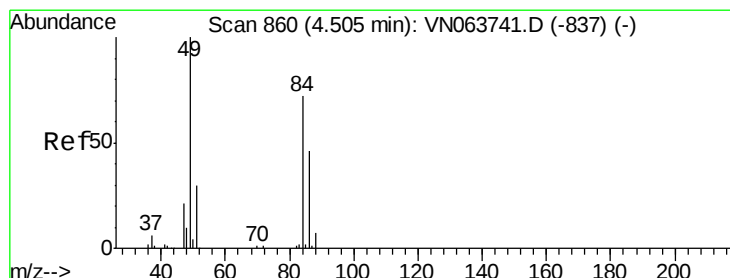
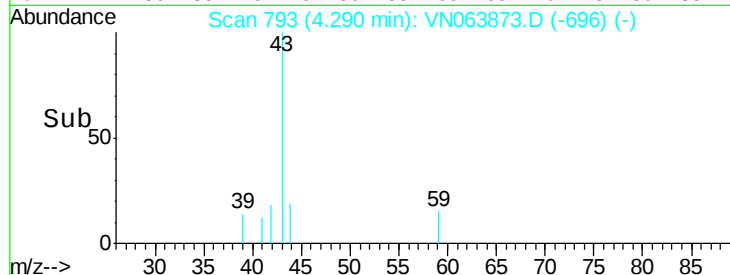
1000

500

0

4.20 4.25 4.30 4.35

Time-->



#20

Methylene Chloride

Concen: 4.760 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN063873.D

Acq: 5 Oct 2020 16:09

Tgt Ion: 84 Resp: 12350

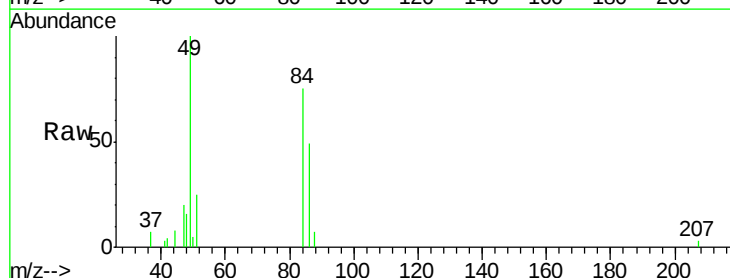
Ion Ratio Lower Upper

84 100

49 134.0 110.4 165.6

51 33.7 33.3 49.9

86 65.6 50.7 76.1



Abundance Ion 83.90 (83.60 to 84.60): VN063873.D (-767) (-)

Ion 48.90 (48.60 to 49.60): VN063873.D (-767) (-)

Ion 50.90 (50.60 to 51.60): VN063873.D (-767) (-)

Ion 85.90 (85.60 to 86.60): VN063873.D (-767) (-)

8000

6000

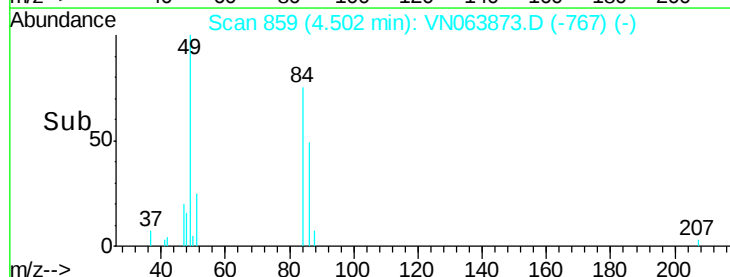
4000

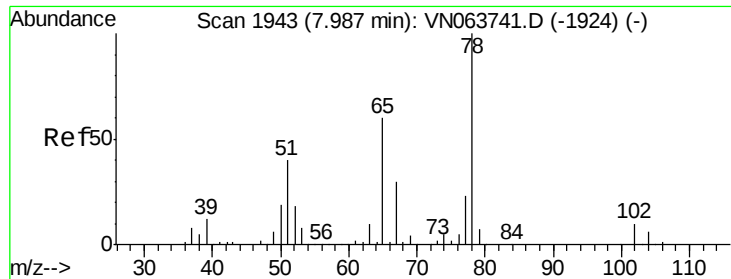
2000

0

4.40 4.50 4.60

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.230 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063873.D

Acq: 5 Oct 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB132063ZHE#05

Tot Ion: 65 Resp: 195832

Ion Ratio Lower Upper

65 100

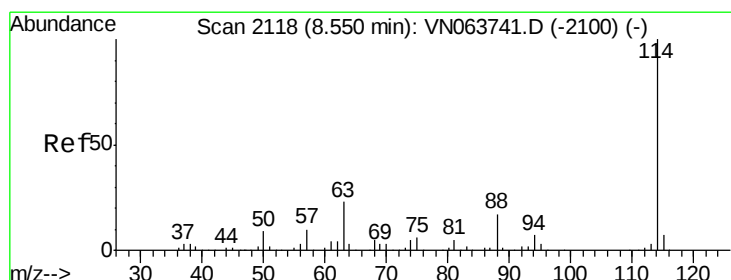
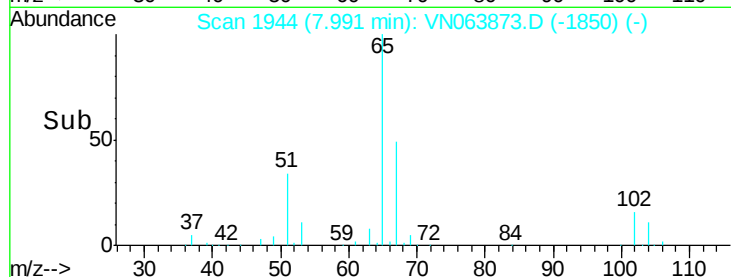
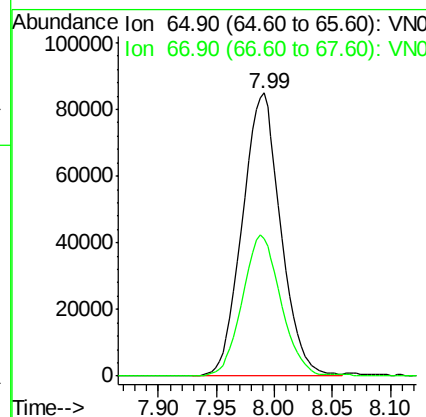
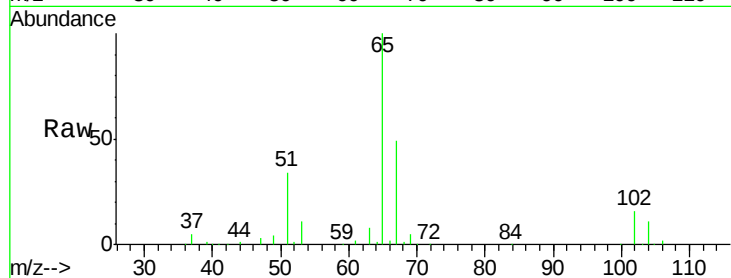
67 49.7 0.0 99.6

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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: VN063873.D

Acq: 5 Oct 2020 16:09

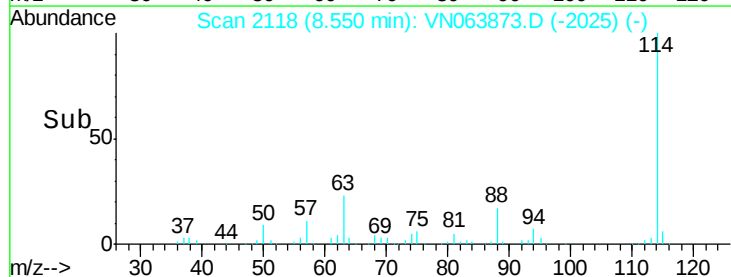
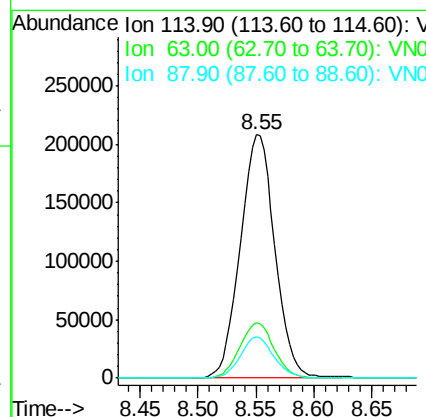
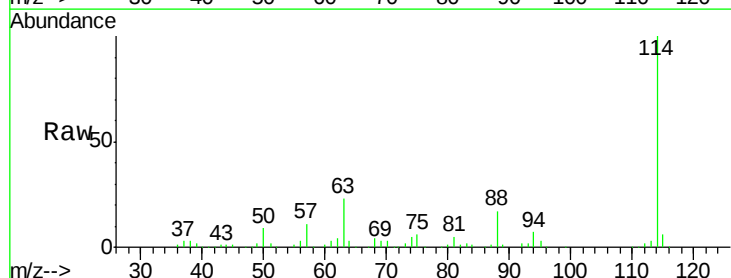
Tgt Ion: 114 Resp: 431450

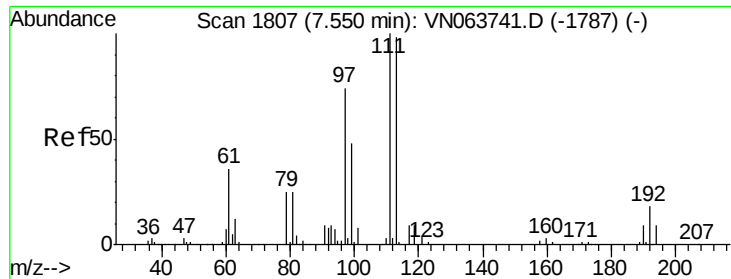
Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.0

88 16.8 0.0 34.0





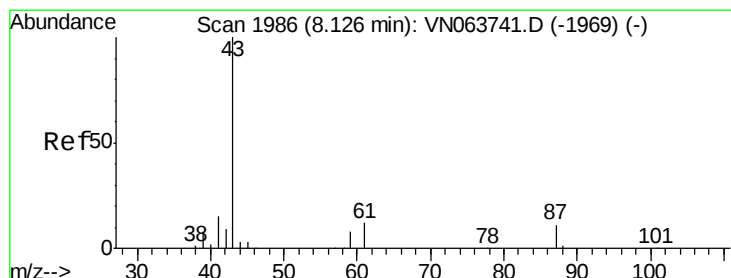
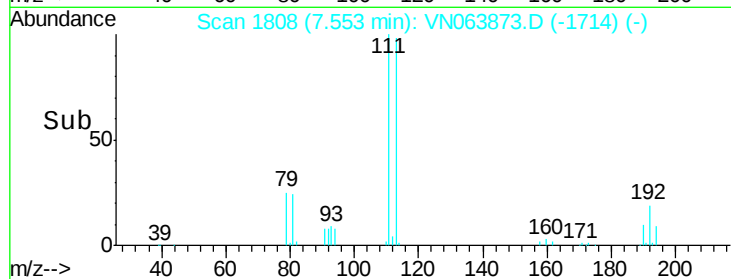
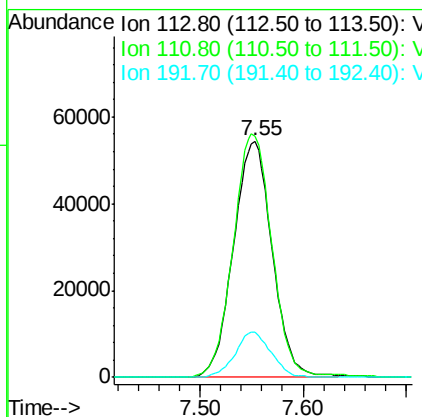
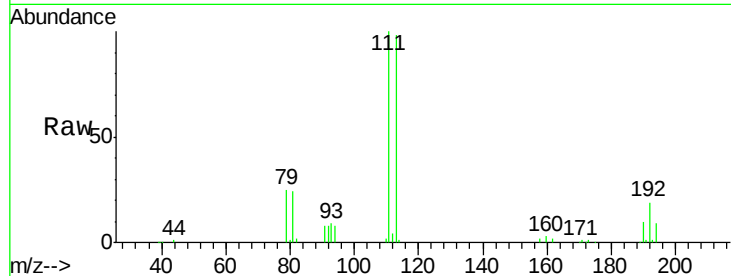
#35
 Dibromofluoromethane
 Concen: 47.370 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063873.D
 Acq: 5 Oct 2020 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132063ZHE#05

Tot Ion	Ratio	Resp	Lower	Upper
113	100	141814		
111	103.3	81.8	122.8	
192	18.0	14.2	21.2	

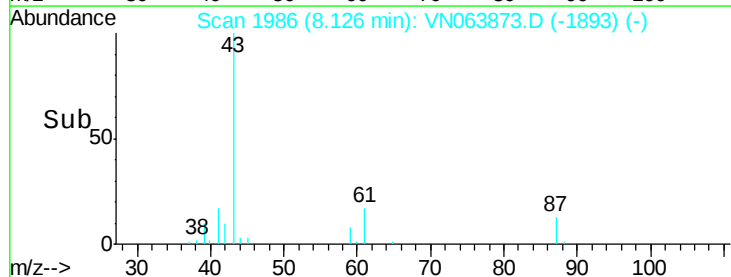
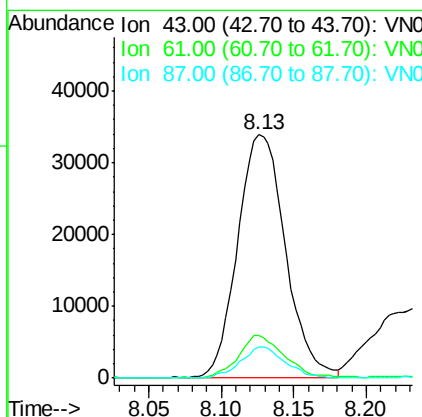
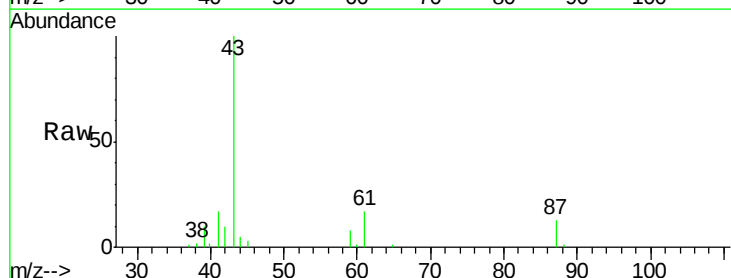
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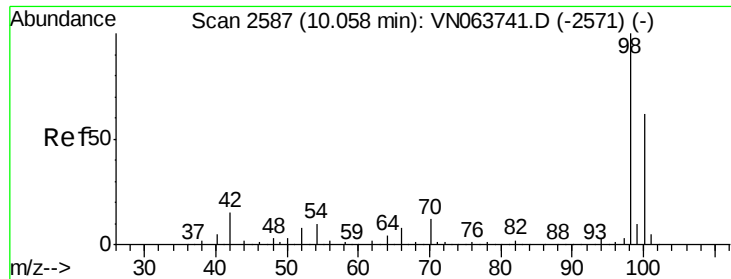
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 10/6/2020 12:56:55 PM



#43
 Isopropyl Acetate
 Concen: 10.898 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN063873.D
 Acq: 5 Oct 2020 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	78061		
61	16.7	14.2	21.4	
87	11.8	9.0	13.6	





#50

Toluene-d8

Concen: 48.215 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063873.D

Acq: 5 Oct 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB132063ZHE#05

Tot Ion: 98 Resp: 547187

Ion Ratio Lower Upper

98 100

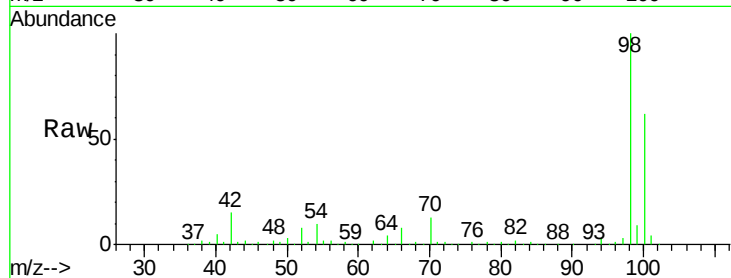
100 64.0 49.8 74.6

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VN063873.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063873.D (-2571) (-)

10.06

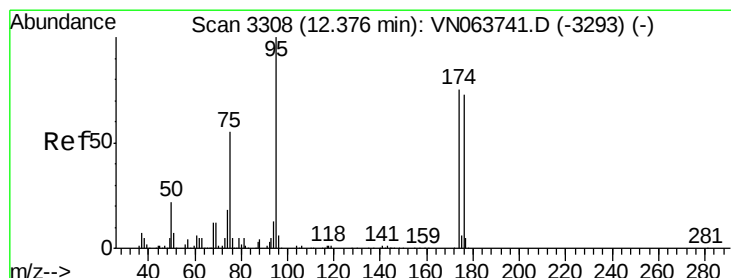
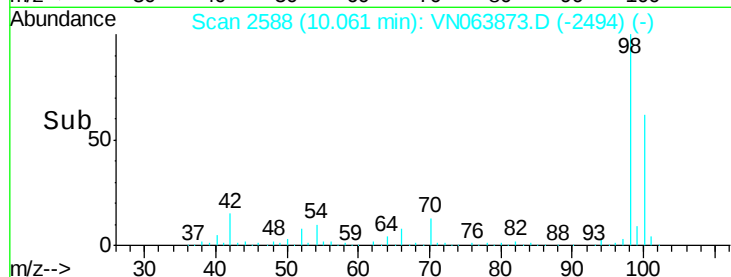
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.591 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063873.D

Acq: 5 Oct 2020 16:09

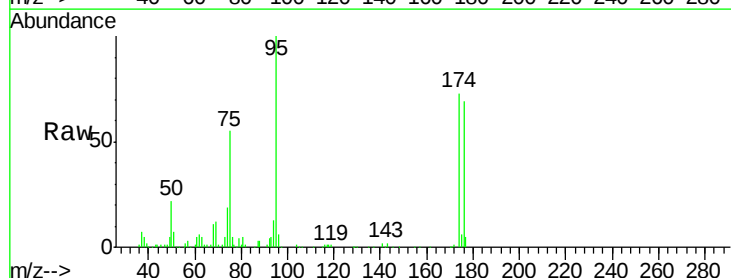
Tgt Ion: 95 Resp: 215829

Ion Ratio Lower Upper

95 100

174 74.4 0.0 150.6

176 70.7 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063873.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN063873.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN063873.D (-3215) (-)

12.38

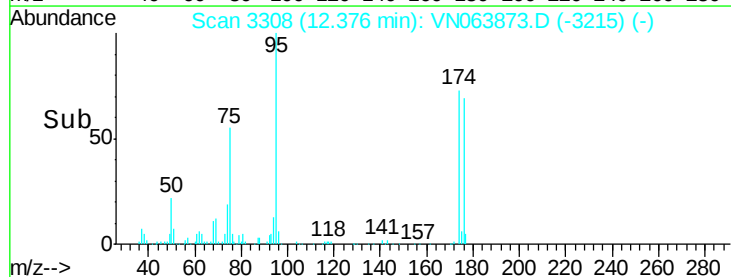
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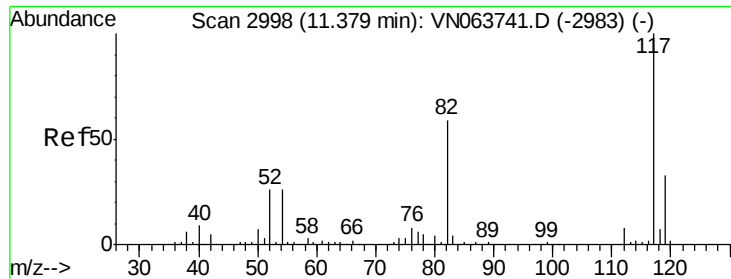
100000

50000

0

Time-->





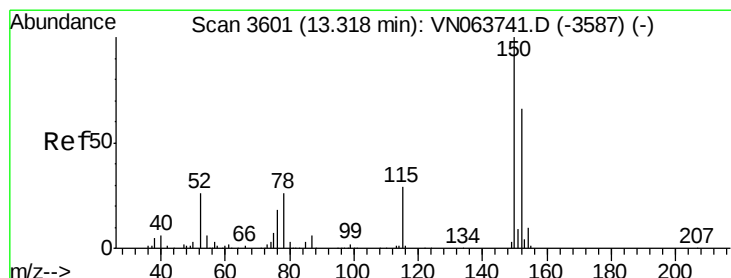
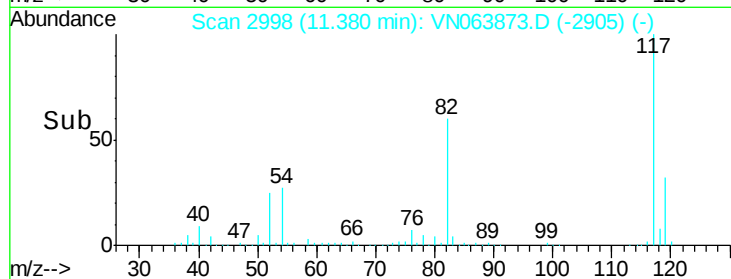
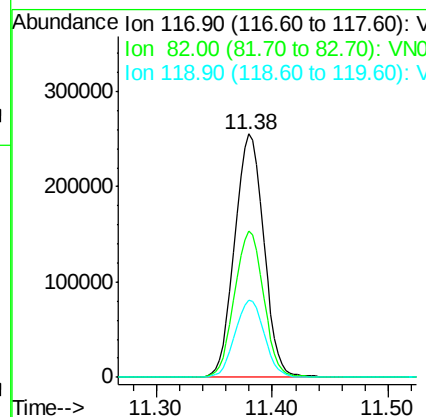
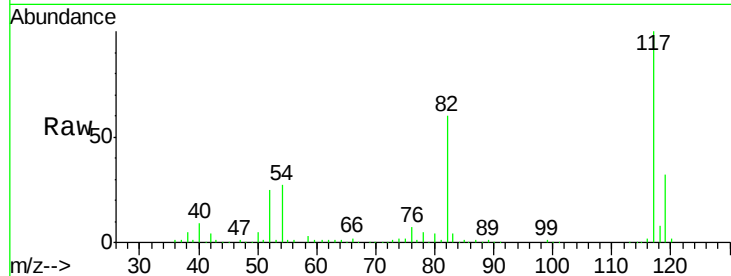
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063873.D
Acq: 5 Oct 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :
PB132063ZHE#05

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.0	47.4	71.2
119	31.7	26.4	39.6

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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: VN063873.D
Acq: 5 Oct 2020 16:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.3	93.8
150	158.4	0.0	341.8

