

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100520\
 Data File : VN063877.D
 Acq On : 5 Oct 2020 17:44
 Operator : JC/MD
 Sample : PB132063ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132063ZHE#09

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 12:57:01 PM

Quant Time: Oct 06 03:26:24 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	231618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	441051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	449460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	180431	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	202915	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
35) Dibromofluoromethane	7.55	113	143440	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
50) Toluene-d8	10.06	98	556766	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	12.38	95	217887	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
Target Compounds						
16) Acetone	3.78	43	10717	9.098	ug/l #	82
18) Methyl Acetate	4.30	43	4153m	1.358	ug/l	
20) Methylene Chloride	4.51	84	10709	4.059	ug/l	97
43) Isopropyl Acetate	8.13	43	82974	11.332	ug/l	99

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

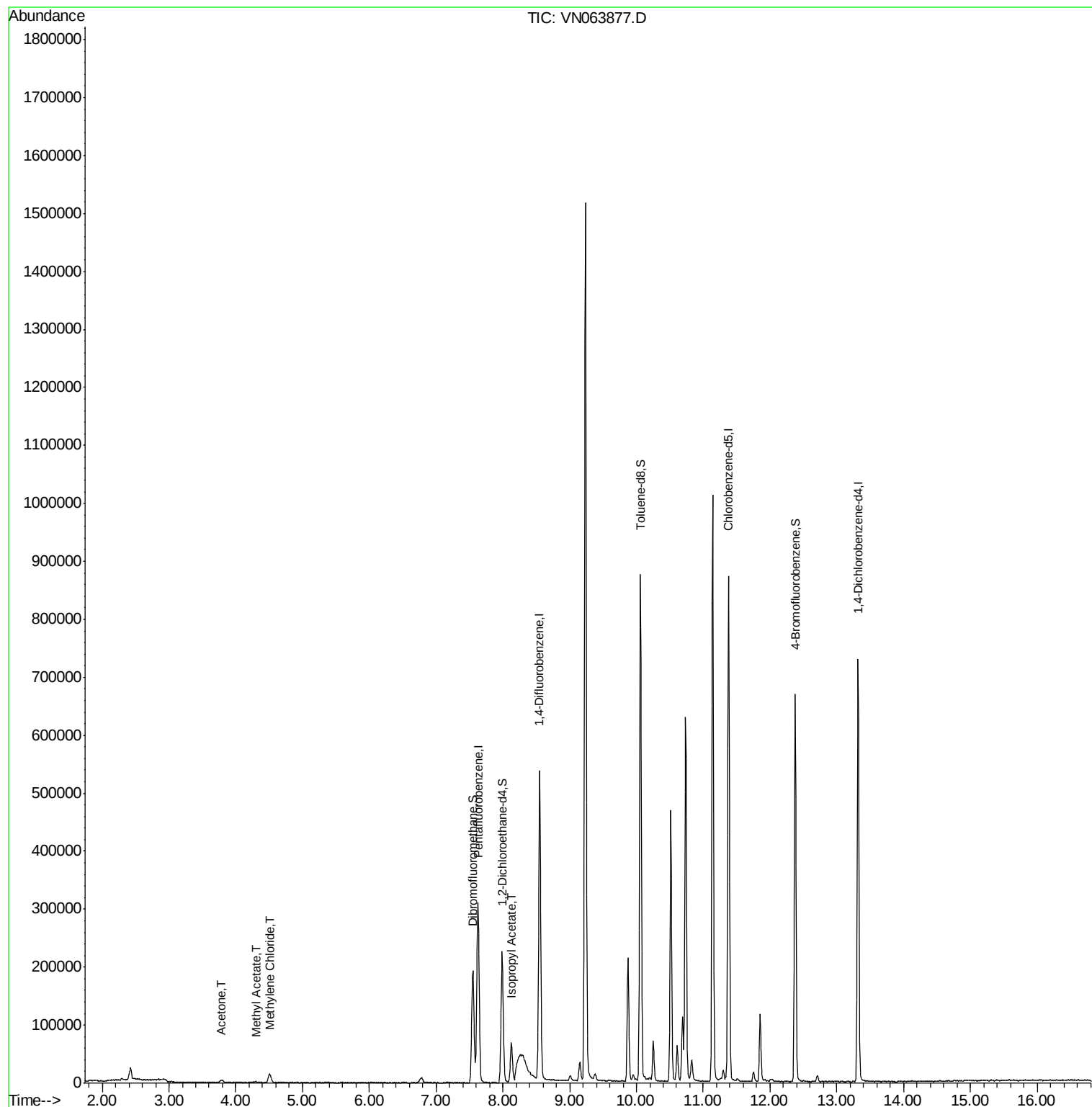
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100520\
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Quant Time: Oct 06 03:26:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063877.D

Acq: 5 Oct 2020 17:44

Instrument :

MSVOA_N

ClientSampleId :

PB132063ZHE#09

Tot Ion:168 Resp: 231618

Ion Ratio Lower Upper

168 100

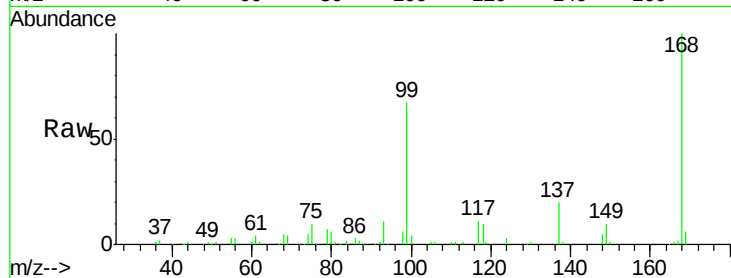
99 67.2 51.8 77.6

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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

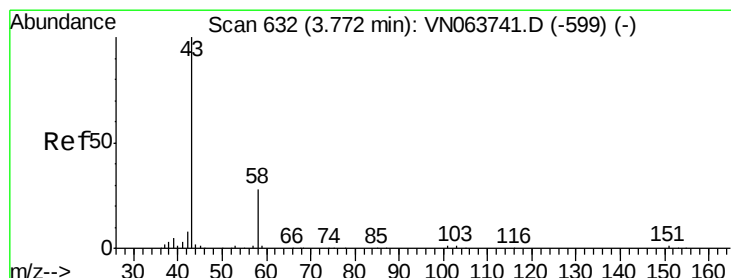
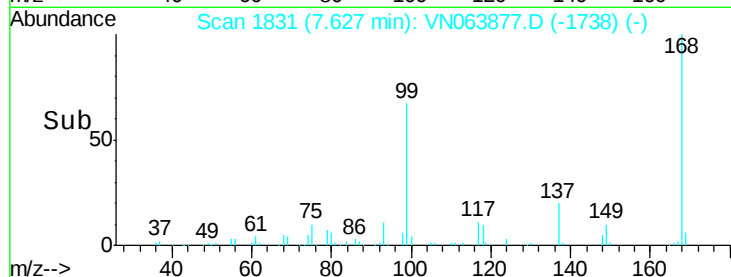
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#16

Acetone

Concen: 9.098 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063877.D

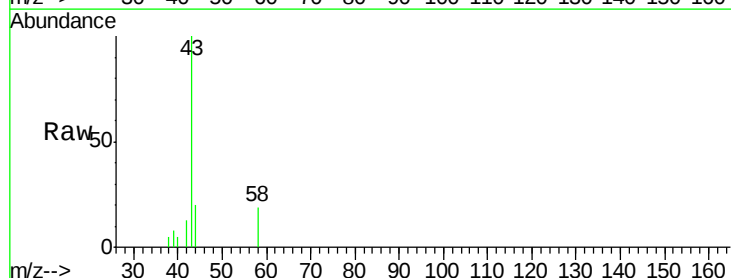
Acq: 5 Oct 2020 17:44

Tgt Ion: 43 Resp: 10717

Ion Ratio Lower Upper

43 100

58 18.7 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

3000

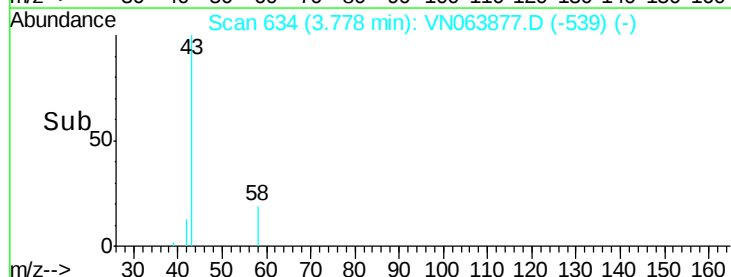
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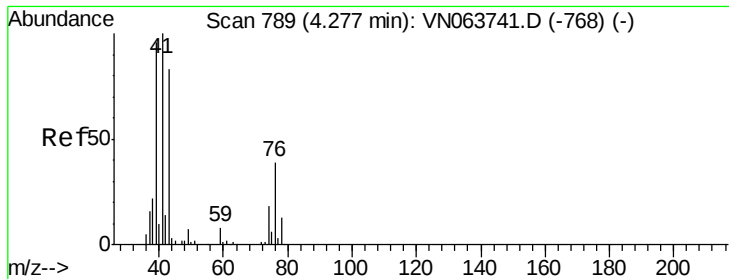
1000

0

3.70 3.80 3.90

Time-->





#18

Methyl Acetate

Concen: 1.358 ug/l m

RT: 4.30 min Scan# 797

Delta R.T. 0.03 min

Lab File: VN063877.D

Acq: 5 Oct 2020 17:44

Instrument :

MSVOA_N

ClientSampleId :

PB132063ZHE#09

Tot Ion: 43 Resp: 4153

Ion Ratio Lower Upper

43 100

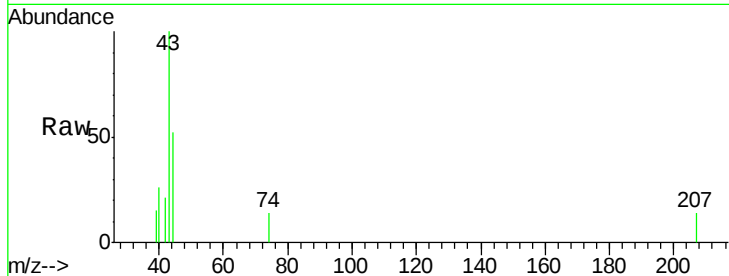
74 6.5 17.4 26.2#

Manual Integrations

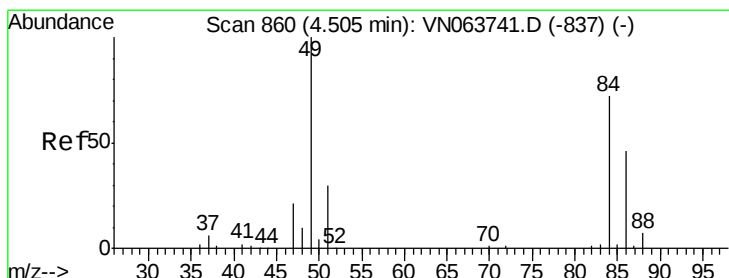
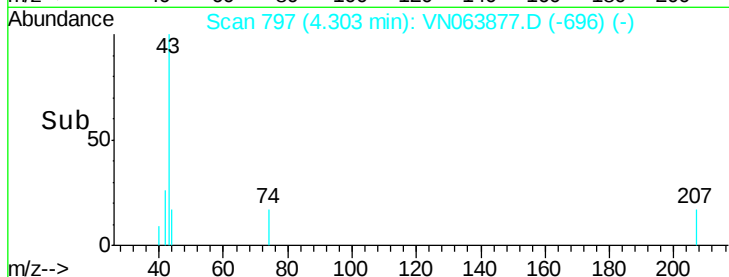
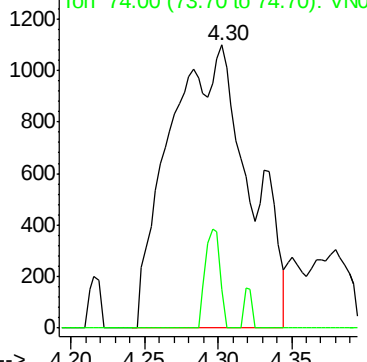
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Abundance Ion 43.00 (42.70 to 43.70): VN063877.D (-797) (-)



#20

Methylene Chloride

Concen: 4.059 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN063877.D

Acq: 5 Oct 2020 17:44

Tgt Ion: 84 Resp: 10709

Ion Ratio Lower Upper

84 100

49 136.6 110.4 165.6

51 40.3 33.3 49.9

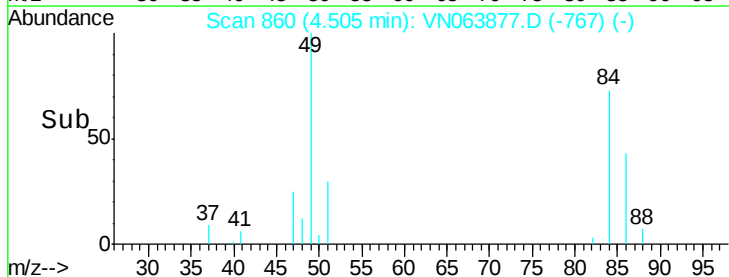
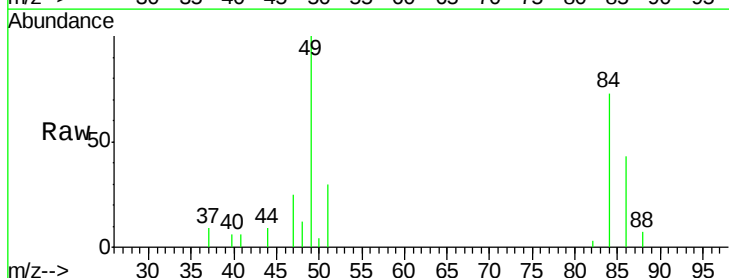
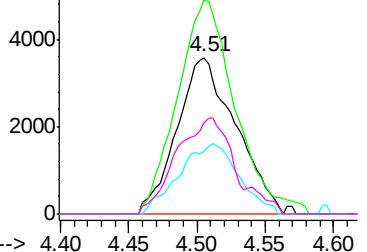
86 58.2 50.7 76.1

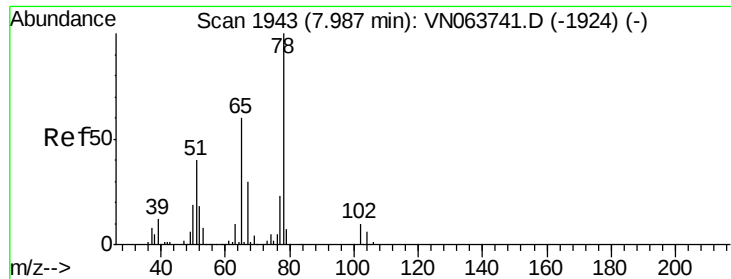
Abundance Ion 83.90 (83.60 to 84.60): VN063877.D (-860) (-)

Ion 48.90 (48.60 to 49.60): VN063877.D (-860) (-)

Ion 50.90 (50.60 to 51.60): VN063877.D (-860) (-)

Ion 85.90 (85.60 to 86.60): VN063877.D (-860) (-)





#33

1,2-Dichloroethane-d4

Concen: 53.029 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063877.D

Acq: 5 Oct 2020 17:44

Instrument :

MSVOA_N

ClientSampleId :

PB132063ZHE#09

Tot Ion: 65 Resp: 202915

Ion Ratio Lower Upper

65 100

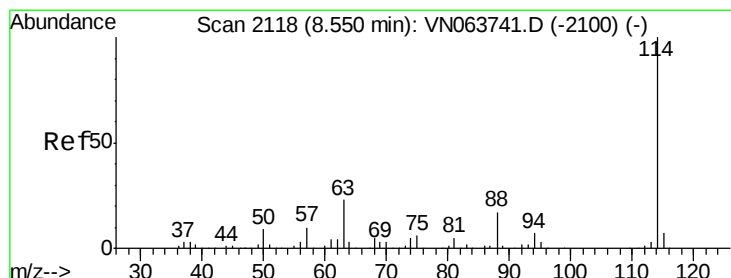
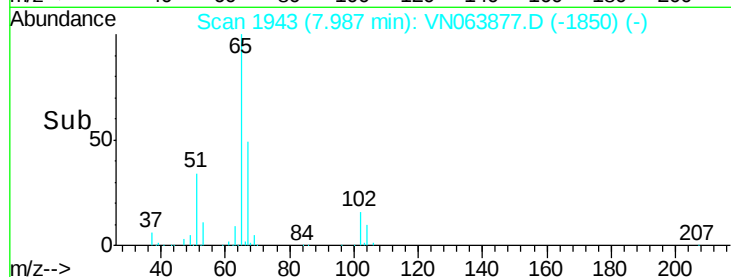
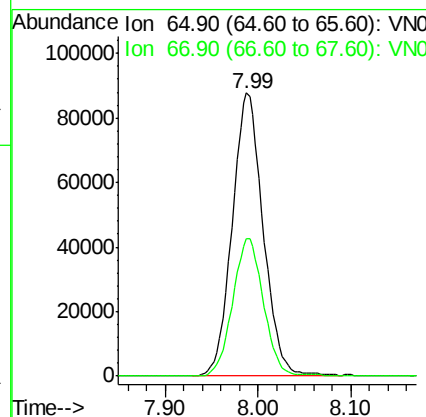
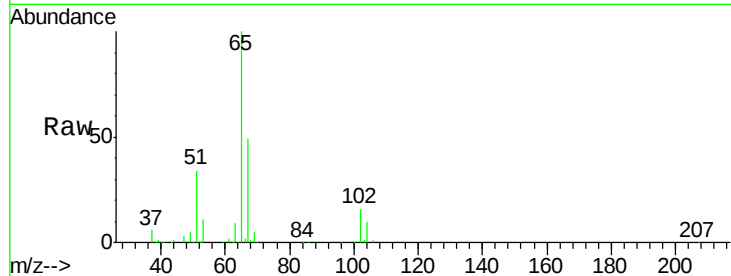
67 48.0 0.0 99.6

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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: VN063877.D

Acq: 5 Oct 2020 17:44

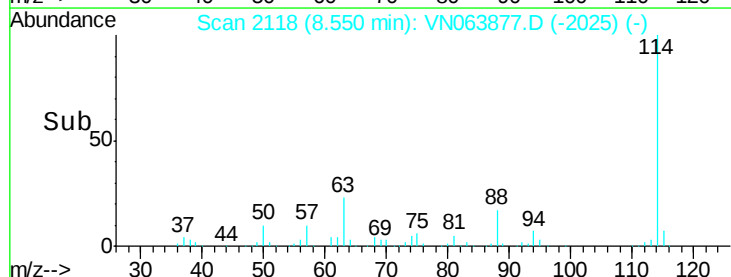
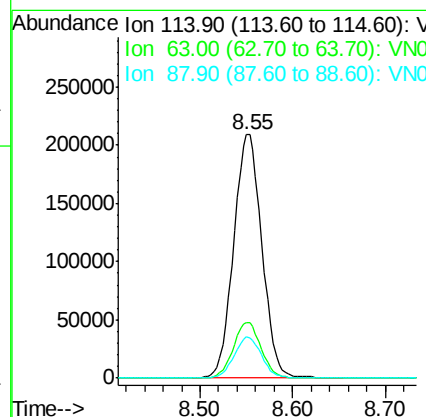
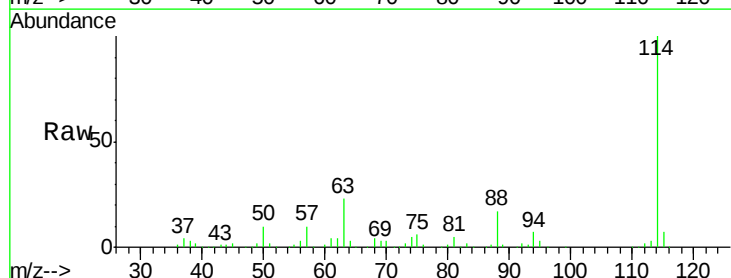
Tgt Ion: 114 Resp: 441051

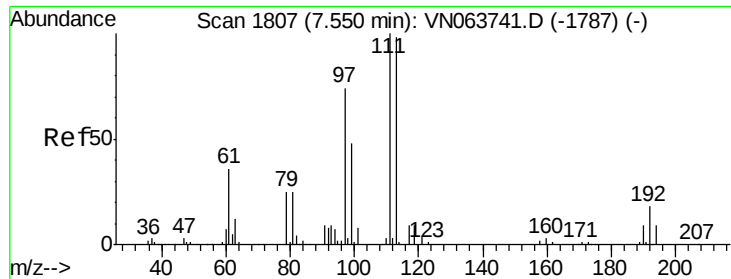
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 16.9 0.0 34.0





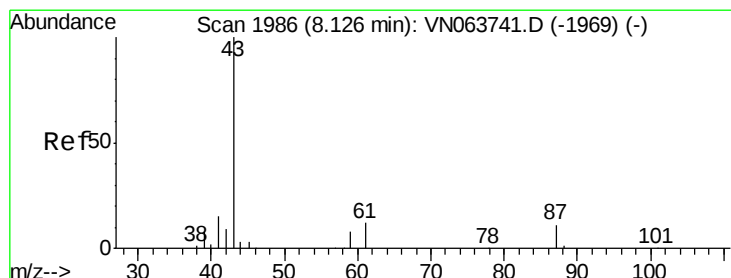
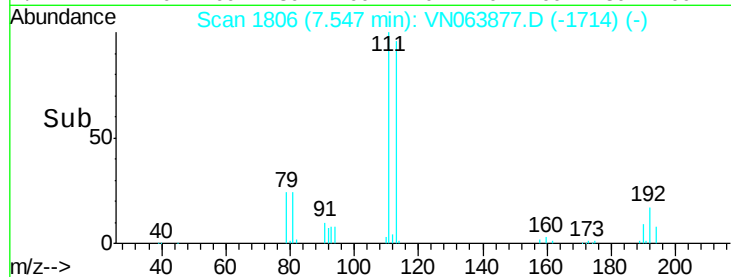
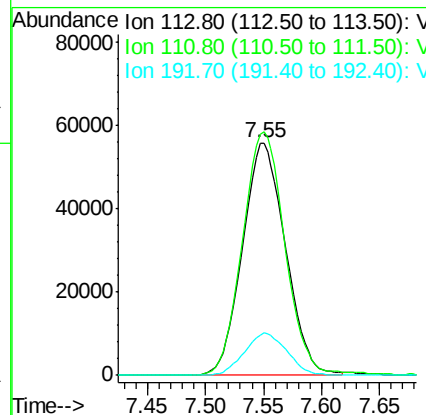
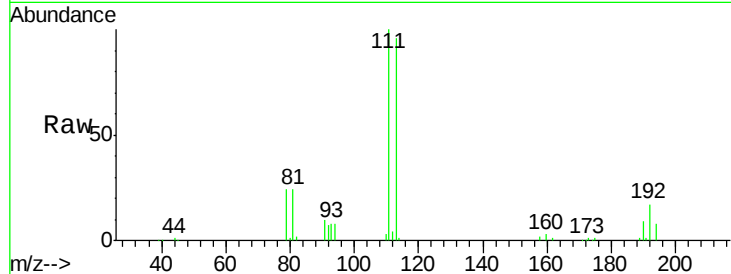
#35
 Dibromofluoromethane
 Concen: 46.870 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063877.D
 Acq: 5 Oct 2020 17:44

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132063ZHE#09

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.8
192	18.0	14.2	21.2

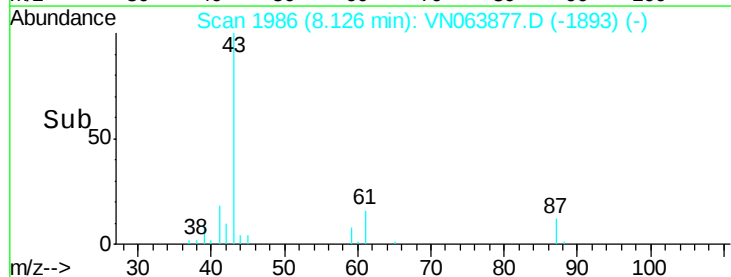
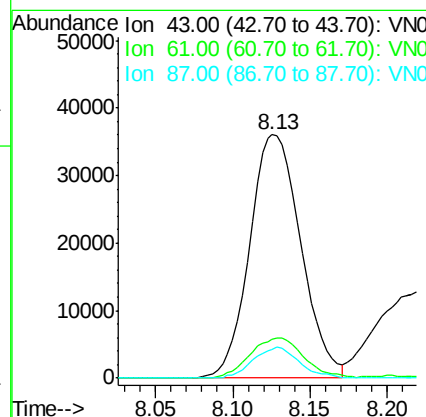
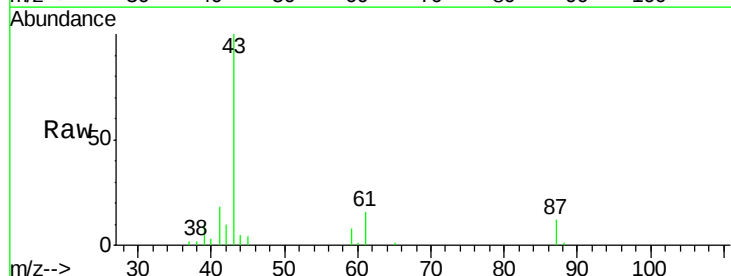
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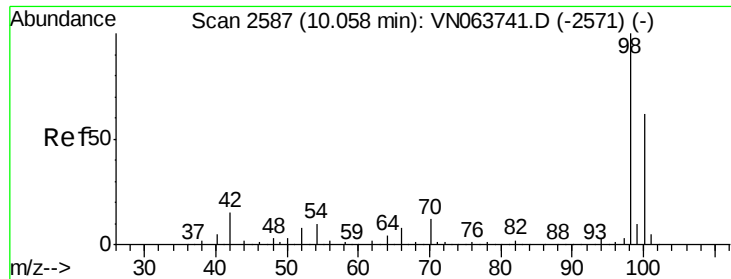
MMDadoda
 10/6/2020 12:57:01 PM



#43
 Isopropyl Acetate
 Concen: 11.332 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN063877.D
 Acq: 5 Oct 2020 17:44

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.4	14.2	21.4
87	11.4	9.0	13.6





#50

Toluene-d8

Concen: 47.991 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063877.D

Acq: 5 Oct 2020 17:44

Instrument :

MSVOA_N

ClientSampleId :

PB132063ZHE#09

Tot Ion: 98 Resp: 556766

Ion Ratio Lower Upper

98 100

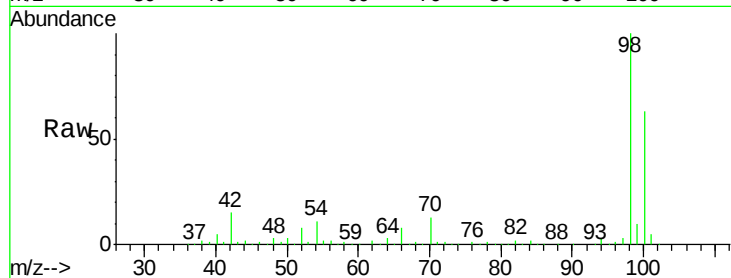
100 63.4 49.8 74.6

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)

10.06

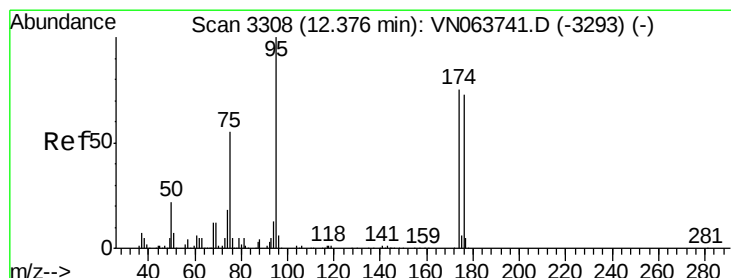
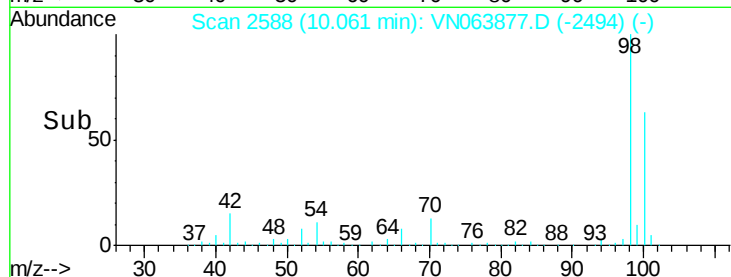
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.961 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063877.D

Acq: 5 Oct 2020 17:44

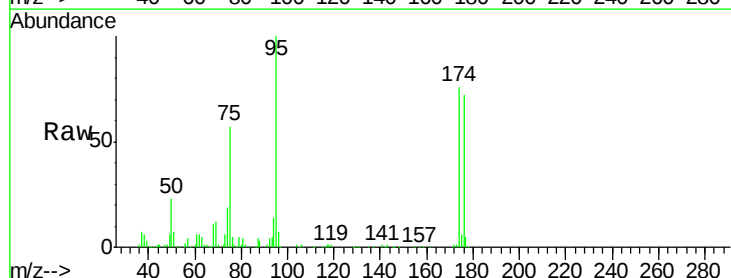
Tgt Ion: 95 Resp: 217887

Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.6

176 73.3 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

12.38

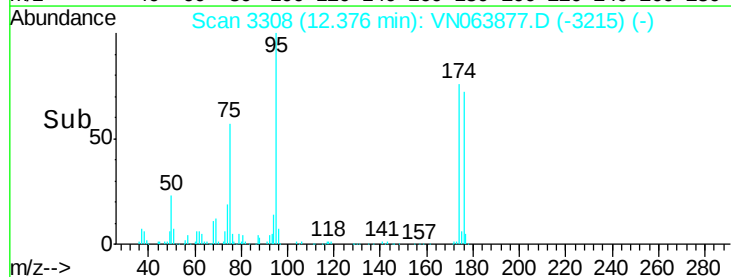
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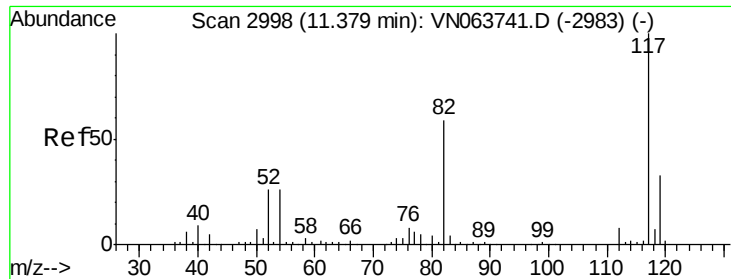
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50000

0

Time-->





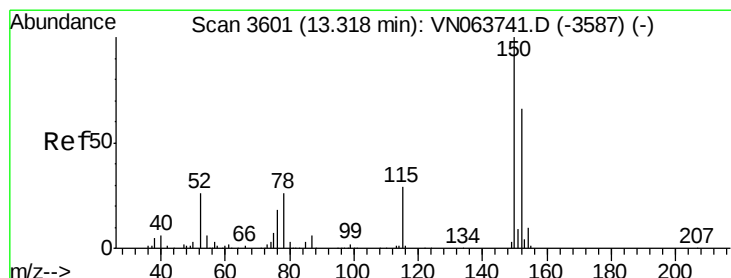
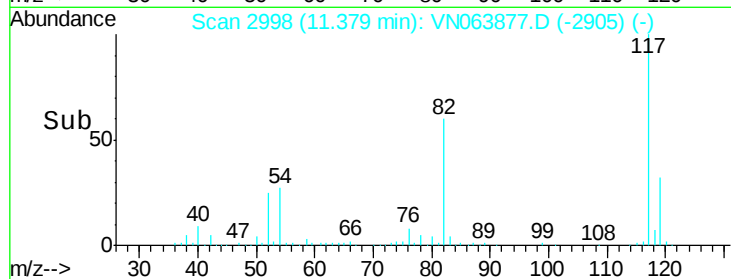
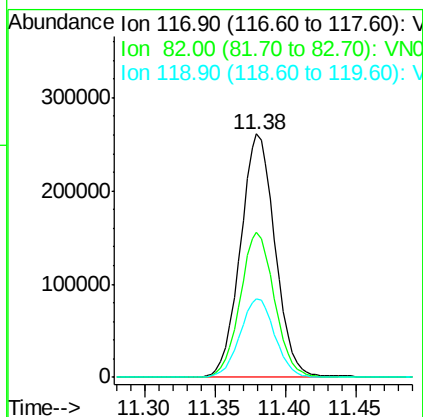
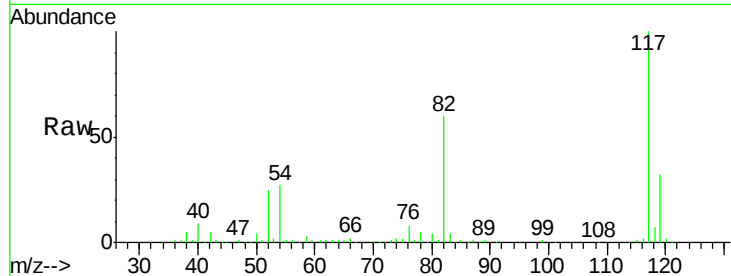
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063877.D
Acq: 5 Oct 2020 17:44

Instrument :
MSVOA_N
ClientSampleId :
PB132063ZHE#09

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.6	47.4	71.2
119	32.5	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: VN063877.D
Acq: 5 Oct 2020 17:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.5	31.3	93.8
150	158.8	0.0	341.8

