

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100520\
 Data File : VN063878.D
 Acq On : 5 Oct 2020 18:08
 Operator : JC/MD
 Sample : PB132063ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132063ZHE#10

Manual Integrations
 APPROVED

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 10/6/2020 12:57:03 PM

Quant Time: Oct 06 03:28:21 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	222104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	423892	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	445541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	172560	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	194441	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
35) Dibromofluoromethane	7.55	113	141638	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
50) Toluene-d8	10.06	98	544920	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.38	95	210413	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
Target Compounds						
16) Acetone	3.78	43	10937m	9.683	ug/l	
18) Methyl Acetate	4.28	43	4248m	1.448	ug/l	
20) Methylene Chloride	4.51	84	10923	4.312	ug/l #	95
43) Isopropyl Acetate	8.13	43	81477	11.577	ug/l	98

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

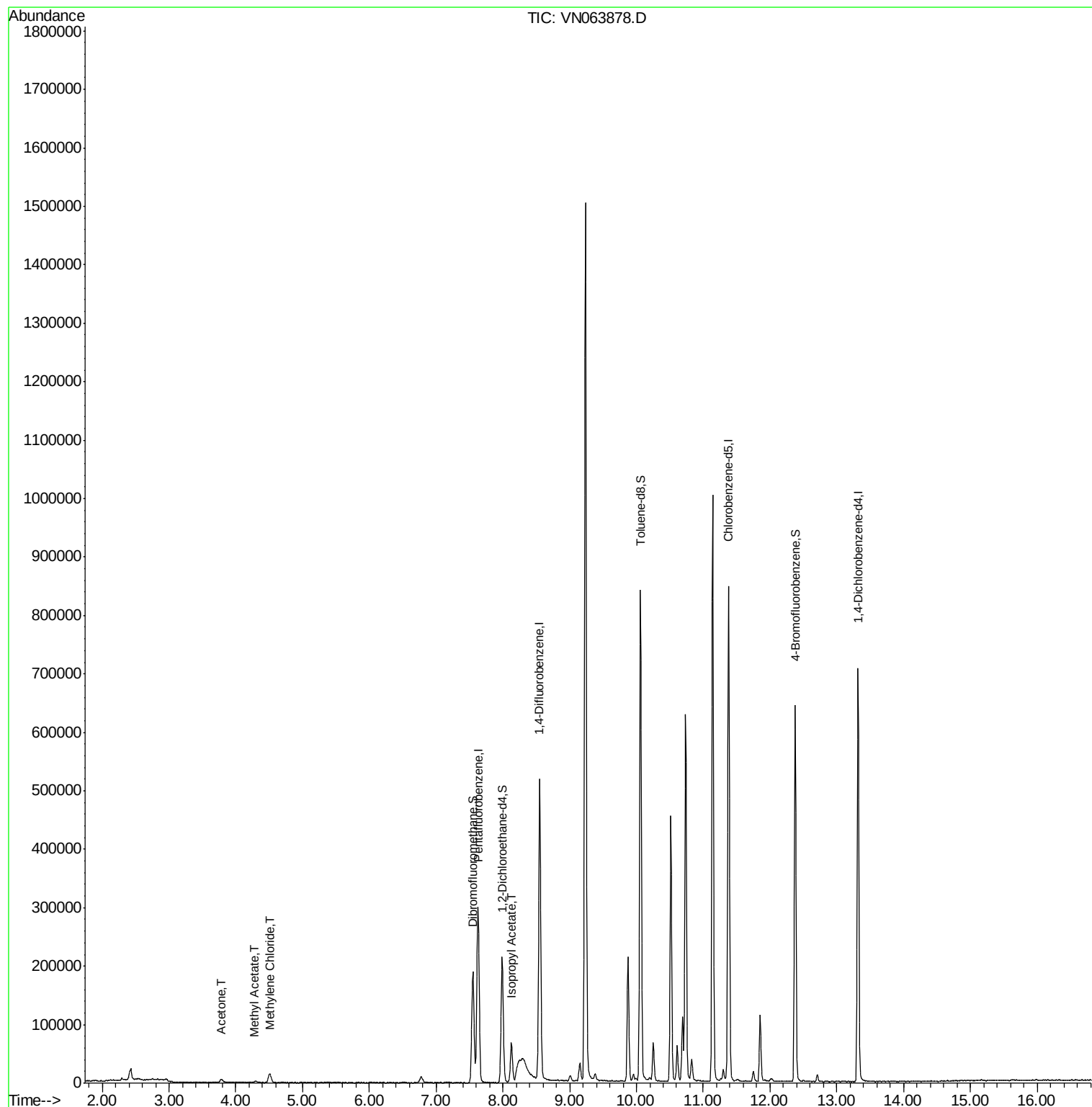
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100520\
Data File : VN063878.D
Acq On : 5 Oct 2020 18:08
Operator : JC/MD
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

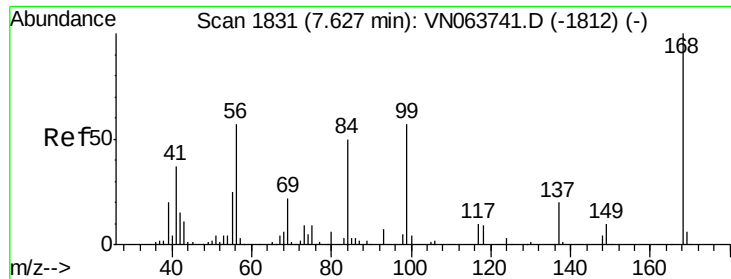
Instrument :
MSVOA_N
ClientSampleId :
PB132063ZHE#10

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Quant Time: Oct 06 03:28:21 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# 1832

Delta R.T. 0.00 min

Lab File: VN063878.D

Acq: 5 Oct 2020 18:08

Instrument :

MSVOA_N

ClientSampleId :

PB132063ZHE#10

Tot Ion:168 Resp: 222104

Ion Ratio Lower Upper

168 100

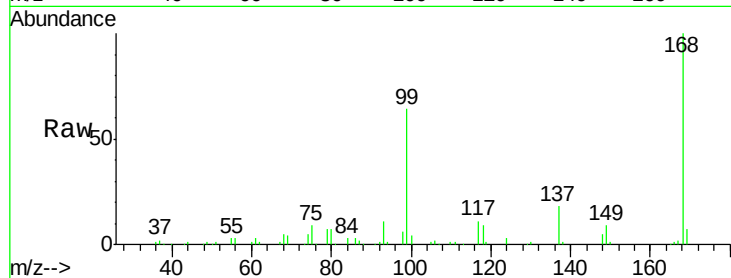
99 63.6 51.8 77.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

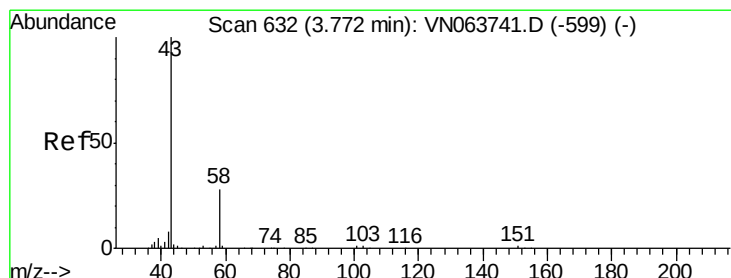
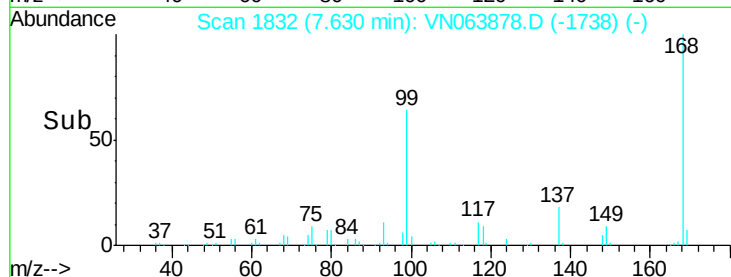
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 9.683 ug/l m

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN063878.D

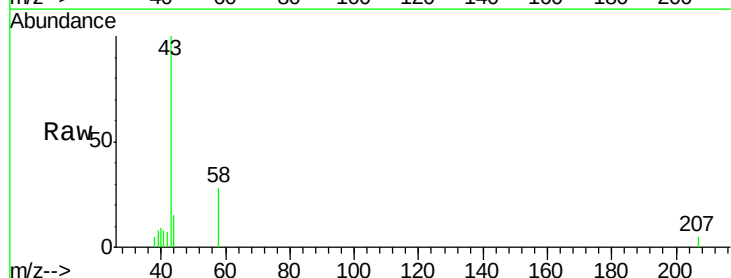
Acq: 5 Oct 2020 18:08

Tgt Ion: 43 Resp: 10937

Ion Ratio Lower Upper

43 100

58 28.4 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

4000

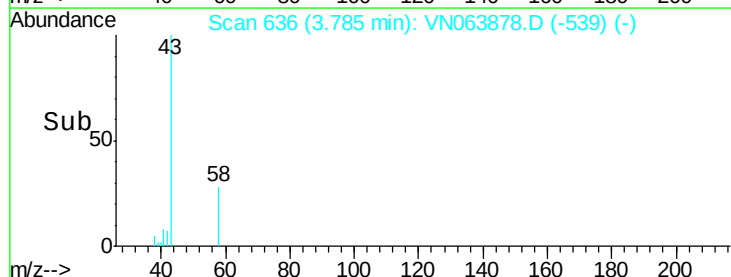
3000

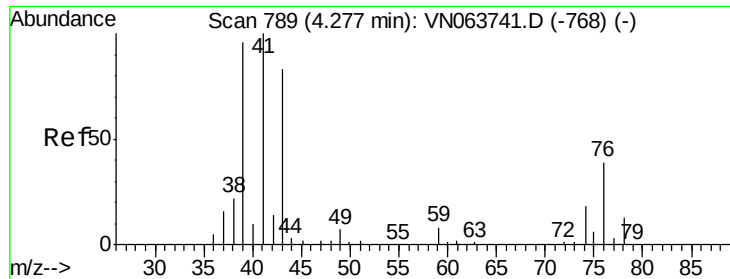
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





#18

Methyl Acetate

Concen: 1.448 ug/l m

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063878.D

Acq: 5 Oct 2020 18:08

Instrument :

MSVOA_N

ClientSampleId :

PB132063ZHE#10

Tot Ion: 43 Resp: 4248

Ion Ratio Lower Upper

43 100

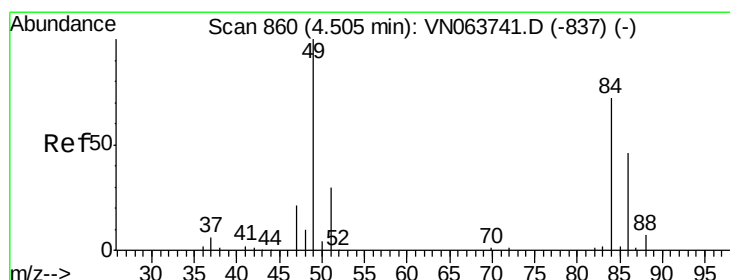
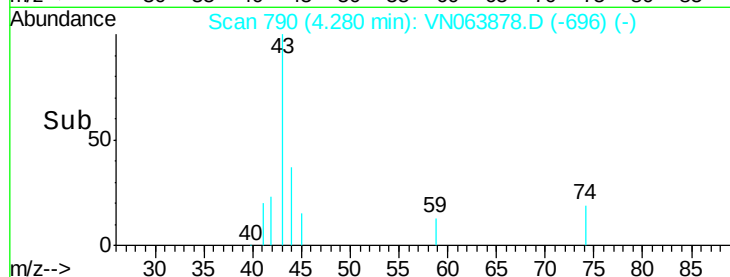
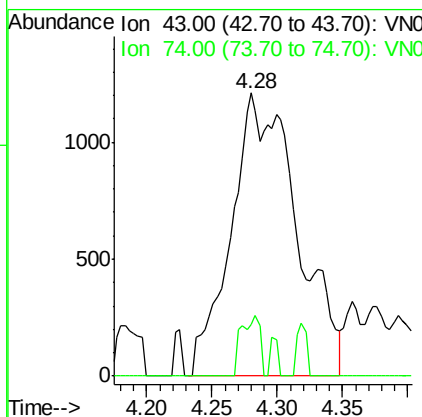
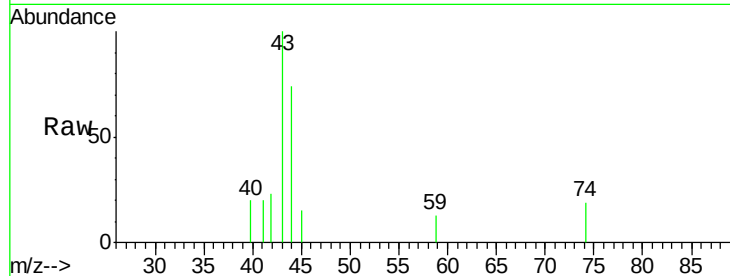
74 6.0 17.4 26.2#

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#20

Methylene Chloride

Concen: 4.312 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN063878.D

Acq: 5 Oct 2020 18:08

Tgt Ion: 84 Resp: 10923

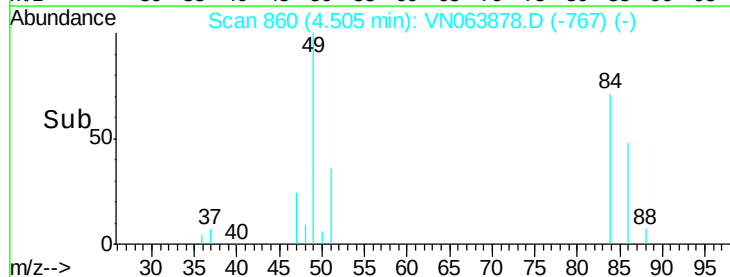
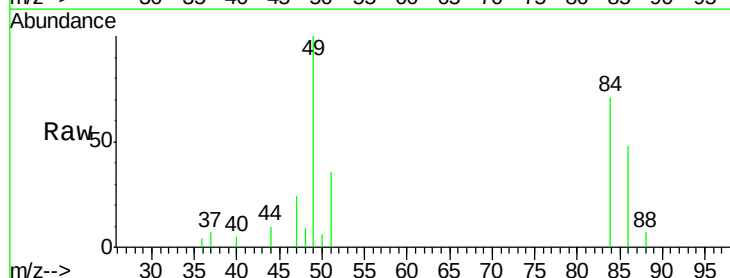
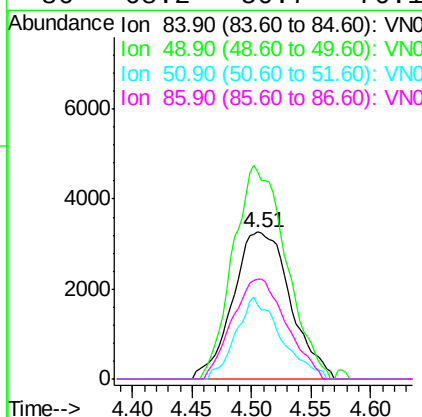
Ion Ratio Lower Upper

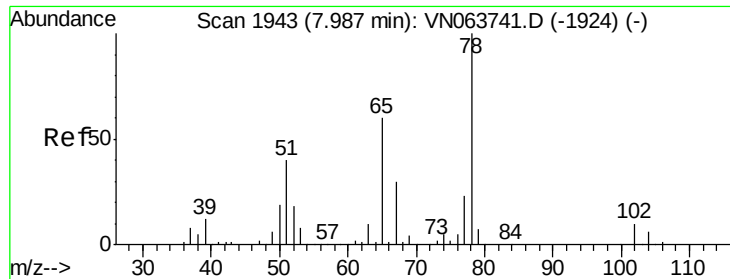
84 100

49 140.9 110.4 165.6

51 50.6 33.3 49.9#

86 68.2 50.7 76.1





#33

1,2-Dichloroethane-d4

Concen: 52.991 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063878.D

Acq: 5 Oct 2020 18:08

Instrument :

MSVOA_N

ClientSampleId :

PB132063ZHE#10

Tot Ion: 65 Resp: 194441

Ion Ratio Lower Upper

65 100

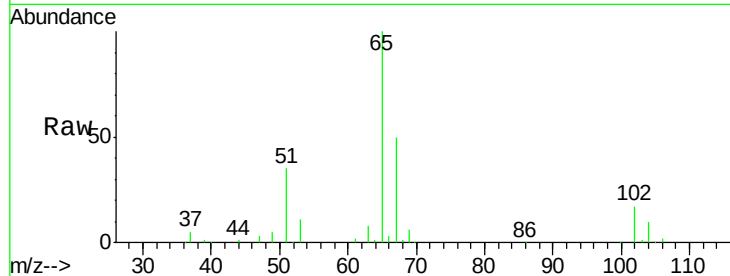
67 50.5 0.0 99.6

Manual Integrations

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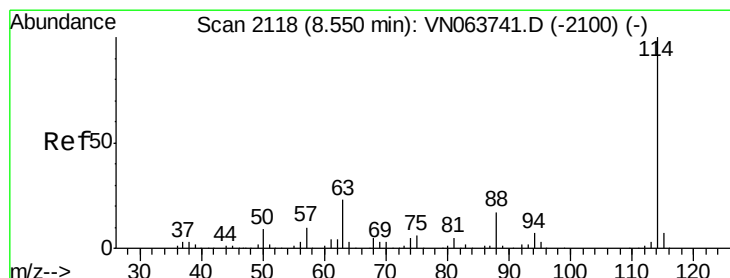
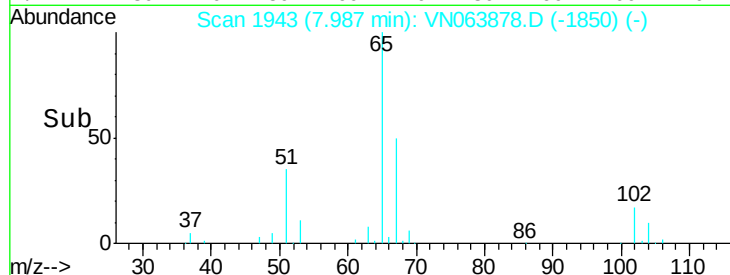
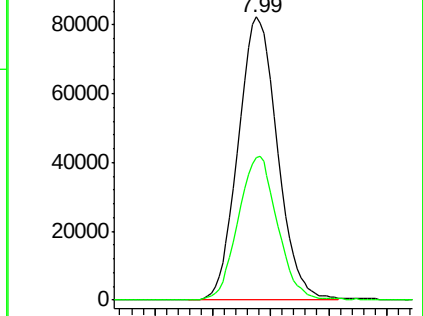
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Abundance Ion 64.90 (64.60 to 65.60): VN063878.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063878.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063878.D

Acq: 5 Oct 2020 18:08

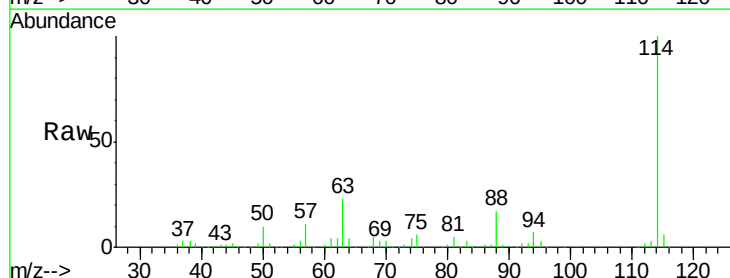
Tgt Ion: 114 Resp: 423892

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

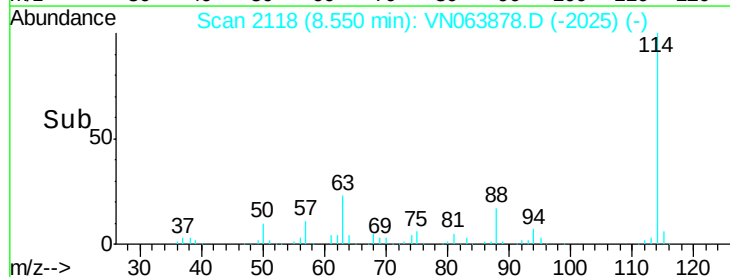
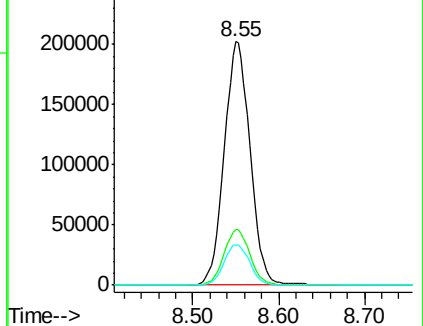
88 16.7 0.0 34.0

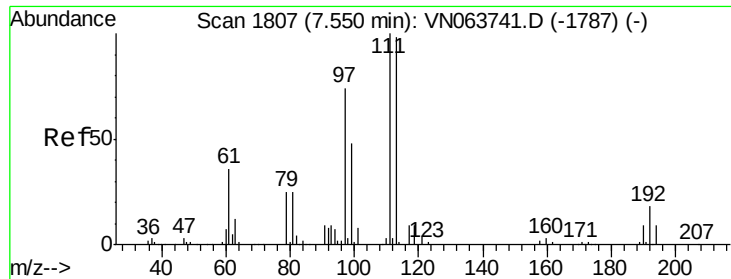


Abundance Ion 113.90 (113.60 to 114.60): VN063878.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063878.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063878.D (-2025) (-)





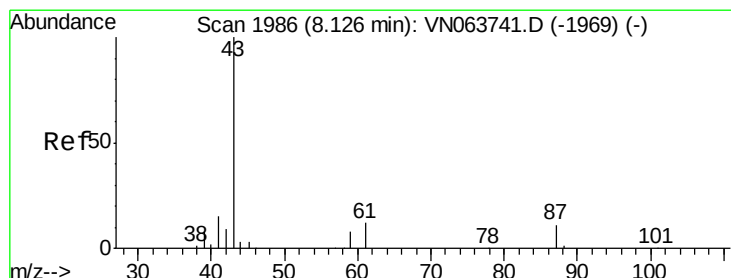
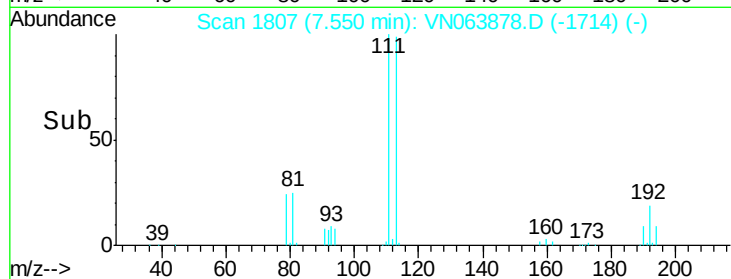
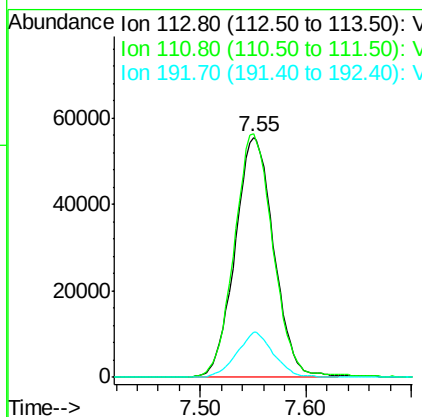
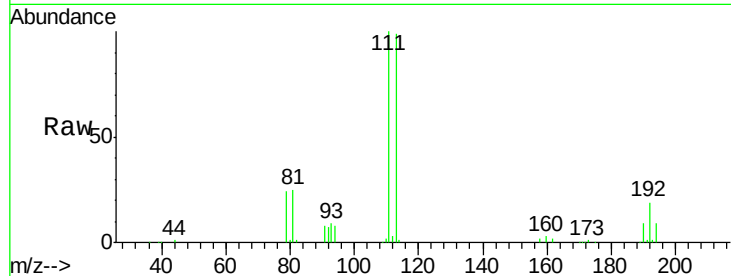
#35
 Dibromofluoromethane
 Concen: 48.155 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063878.D
 Acq: 5 Oct 2020 18:08

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132063ZHE#10

Tot Ion	Ratio	Resp	Lower	Upper
113	100	141638		
111	101.1	81.8	122.8	
192	17.8	14.2	21.2	

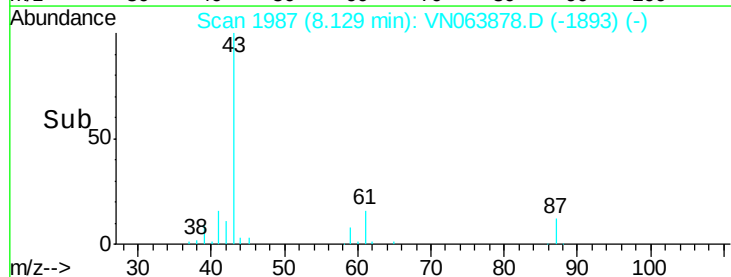
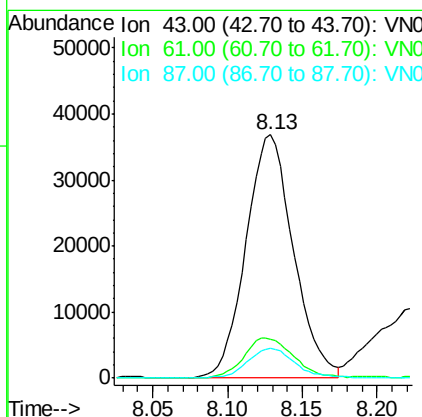
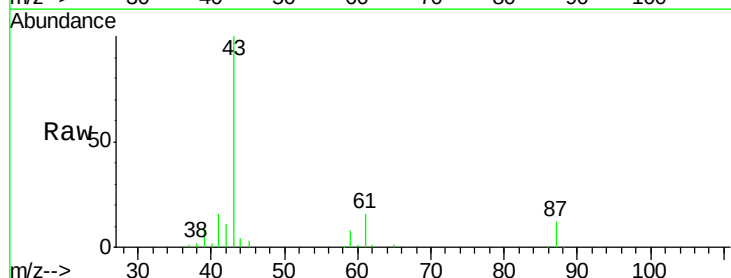
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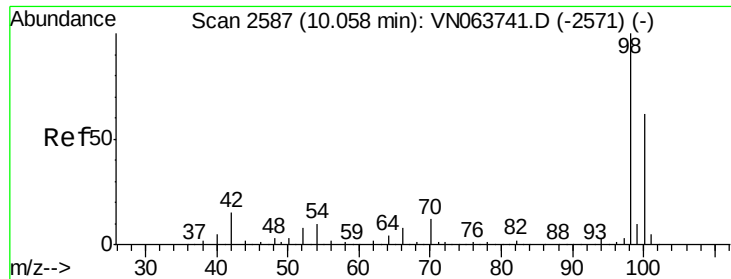
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#43
 Isopropyl Acetate
 Concen: 11.577 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063878.D
 Acq: 5 Oct 2020 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	81477		
61	17.1	14.2	21.4	
87	12.2	9.0	13.6	





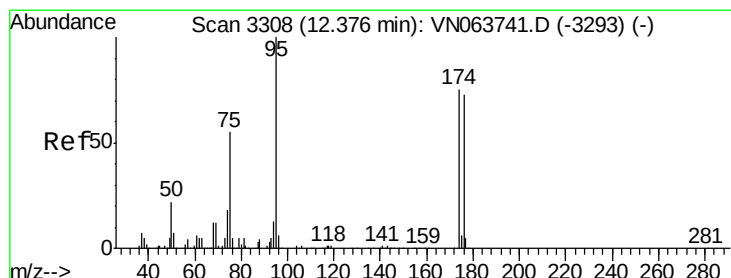
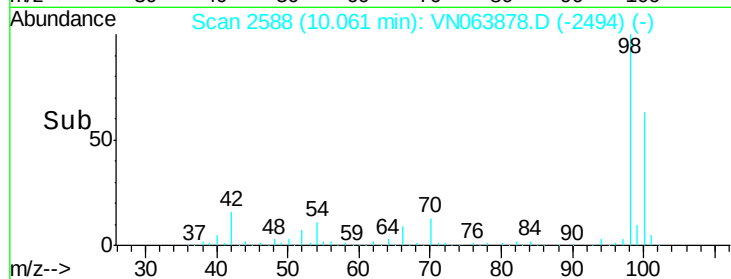
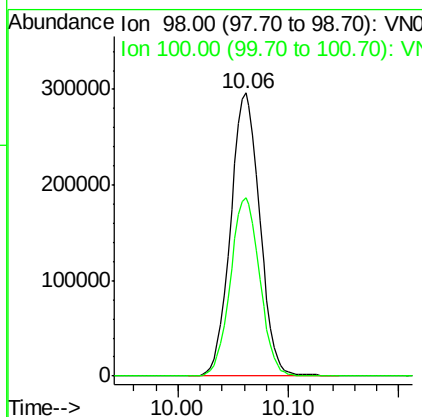
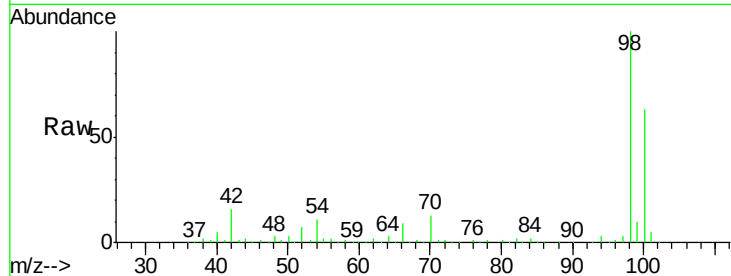
#50
Toluene-d8
Concen: 48.871 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063878.D
Acq: 5 Oct 2020 18:08

Instrument :
MSVOA_N
ClientSampleId :
PB132063ZHE#10

Tot Ion: 98 Resp: 544920
Ion Ratio Lower Upper
98 100
100 63.2 49.8 74.6

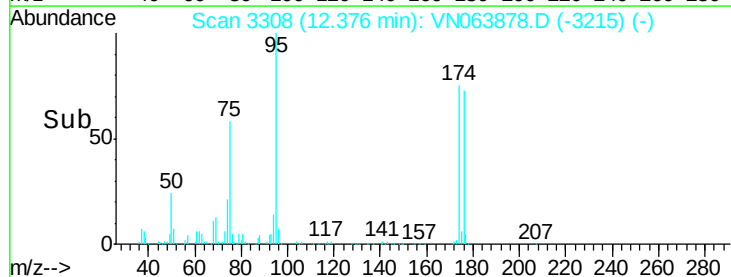
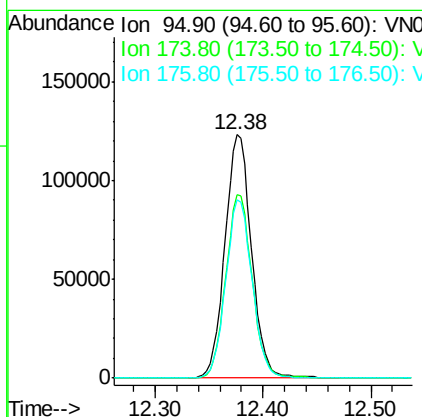
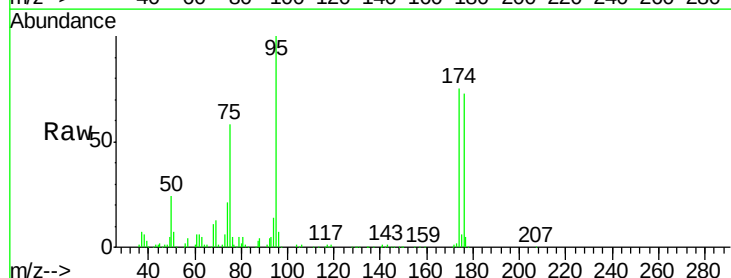
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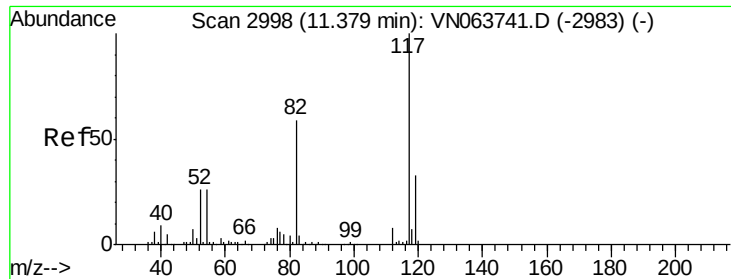
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#62
4-Bromofluorobenzene
Concen: 50.201 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063878.D
Acq: 5 Oct 2020 18:08

Tgt Ion: 95 Resp: 210413
Ion Ratio Lower Upper
95 100
174 74.7 0.0 150.6
176 72.8 0.0 145.4





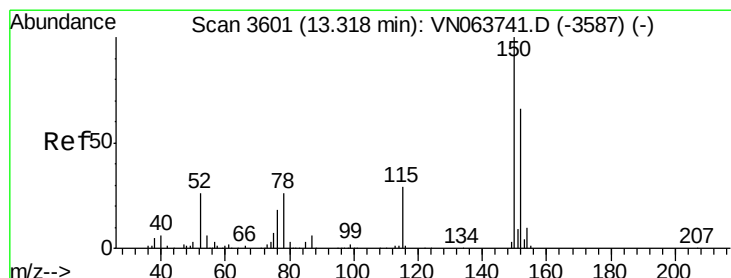
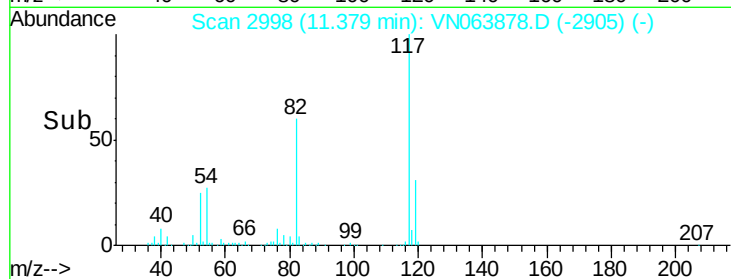
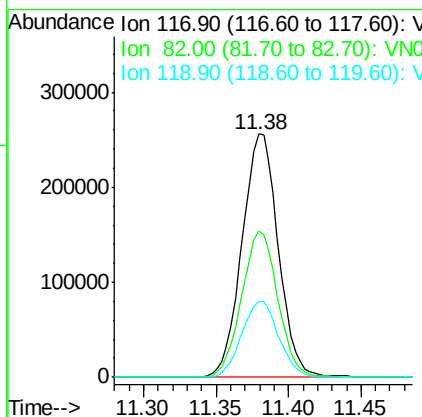
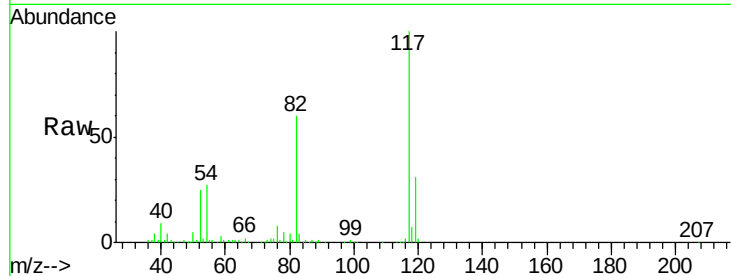
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063878.D
Acq: 5 Oct 2020 18:08

Instrument :
MSVOA_N
ClientSampleId :
PB132063ZHE#10

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.2	47.4	71.2
119	31.3	26.4	39.6

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: VN063878.D
Acq: 5 Oct 2020 18:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.9	31.3	93.8
150	155.9	0.0	341.8

