

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021720\
 Data File : VN060120.D
 Acq On : 17 Feb 2020 15:30
 Operator : JC/MD
 Sample : PB126834ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126834ZHE#05

Manual Integrations
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 2/18/2020 9:28:14 AM

Quant Time: Feb 17 17:25:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	182774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	290852	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	275596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	124052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	113434	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
35) Dibromofluoromethane	7.57	113	88852	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
50) Toluene-d8	10.08	98	358058	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.40	95	128857	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
Target Compounds						
16) Acetone	3.79	43	6003m	6.188	ug/l	
20) Methylene Chloride	4.52	84	7809	4.035	ug/l	96
43) Isopropyl Acetate	8.14	43	55662	13.374	ug/l #	89

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

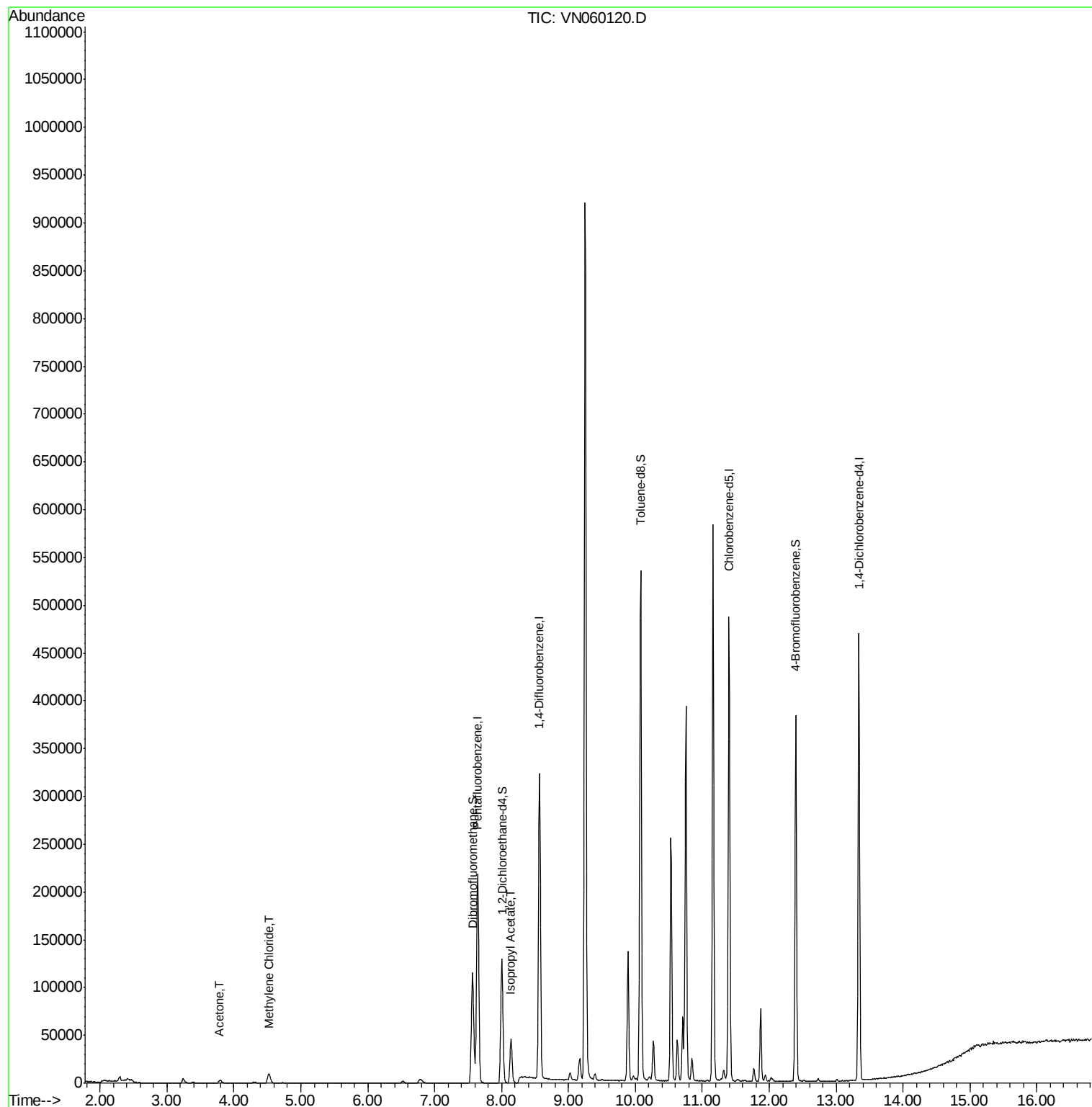
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021720\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060120.D

Acq: 17 Feb 2020 15:30

Instrument :

MSVOA_N

ClientSampleId :

PB126834ZHE#05

Tot Ion:168 Resp: 182774

Ion Ratio Lower Upper

168 100

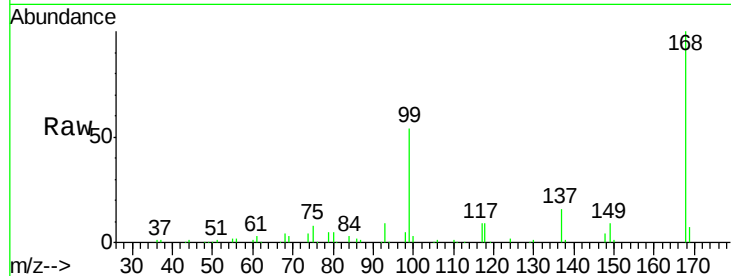
99 54.1 42.7 64.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

40000

20000

0

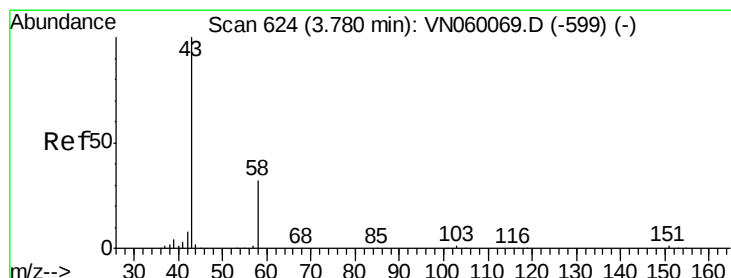
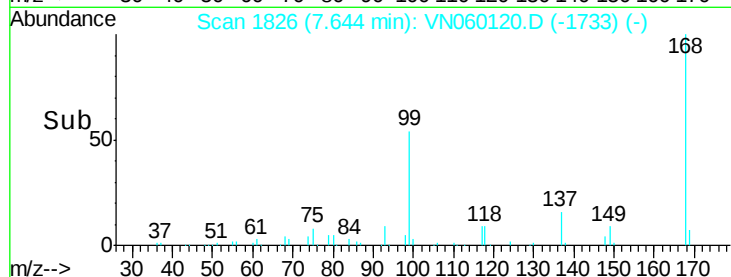
Time-->

7.50

7.60

7.70

7.80



#16

Acetone

Concen: 6.188 ug/l m

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060120.D

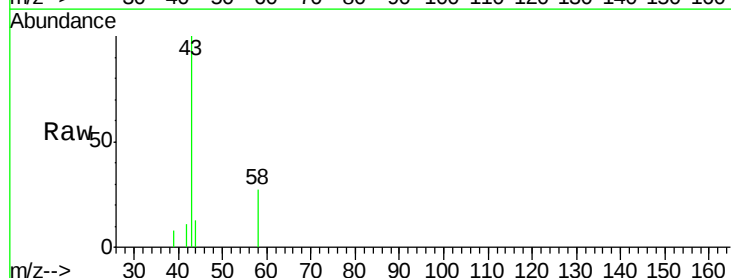
Acq: 17 Feb 2020 15:30

Tgt Ion: 43 Resp: 6003

Ion Ratio Lower Upper

43 100

58 27.1 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

2000

1500

1000

500

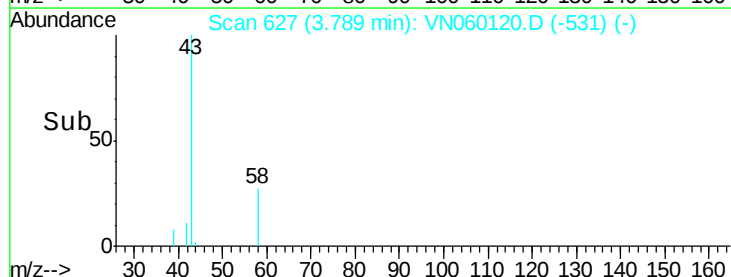
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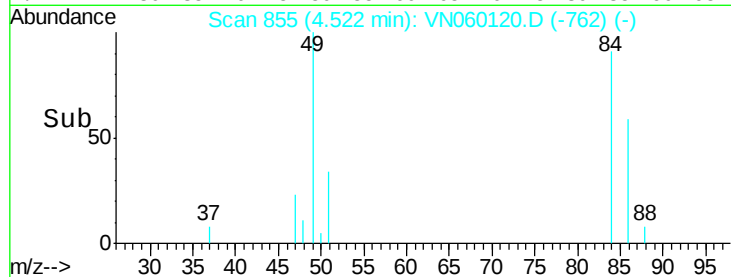
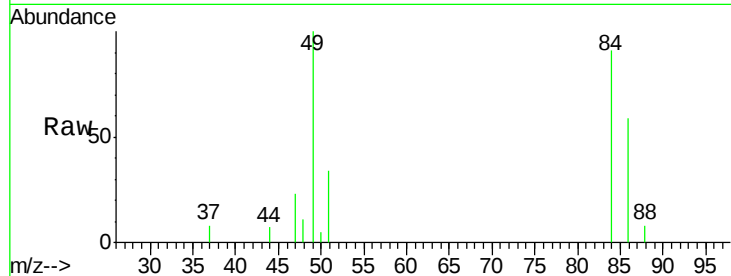
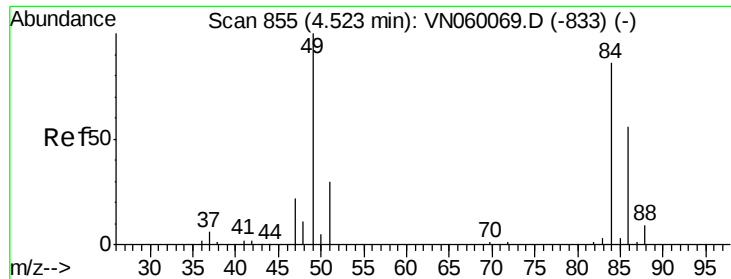
Time-->

3.70

3.80

3.90





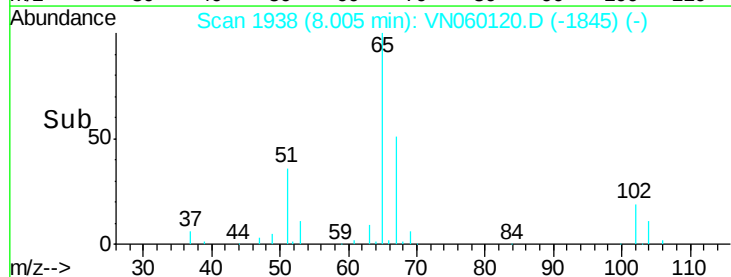
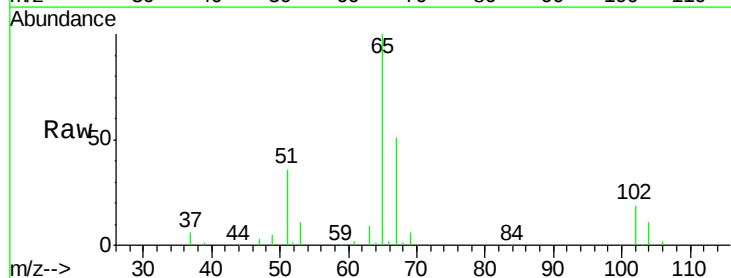
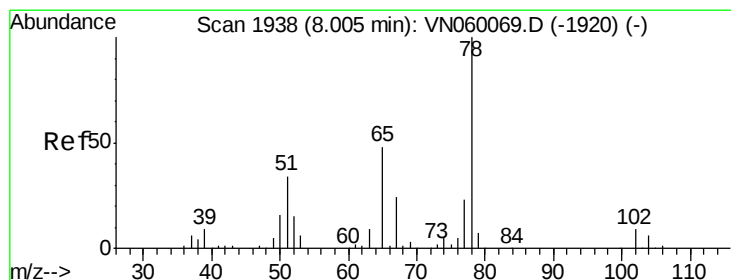
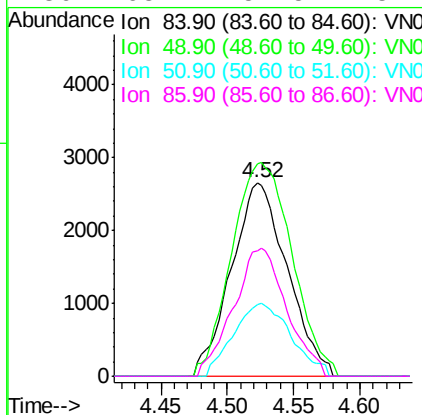
#20
Methvlene Chloride
Concen: 4.035 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060120.D
Acq: 17 Feb 2020 15:30

Tot Ion: 84 Resp: 7809
Ion Ratio Lower Upper
84 100
49 109.9 93.4 140.0
51 37.2 28.4 42.6
86 65.1 52.5 78.7

Instrument :
MSVOA_N
ClientSampleId :
PB126834ZHE#05

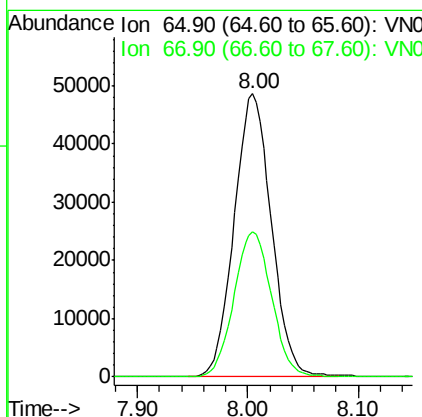
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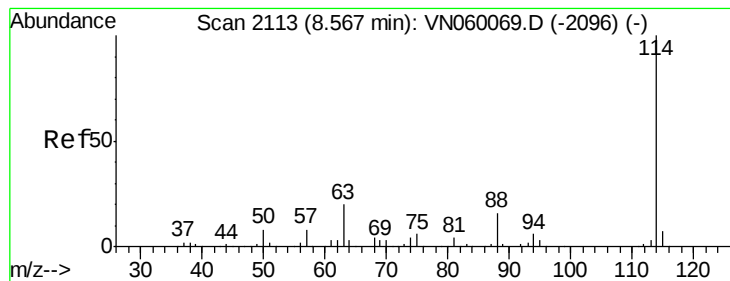
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#33
1,2-Dichloroethane-d4
Concen: 51.003 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060120.D
Acq: 17 Feb 2020 15:30

Tgt Ion: 65 Resp: 113434
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060120.D

Acq: 17 Feb 2020 15:30

Instrument :

MSVOA_N

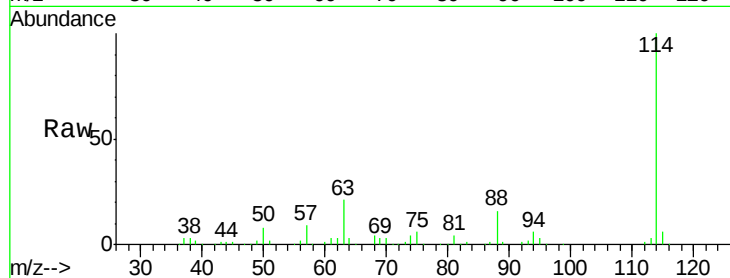
ClientSampleId :

PB126834ZHE#05

Tot Ion:	114	Resp:	290852
Ion Ratio		Lower	Upper
114	100		
63	21.4	0.0	40.0
88	15.5	0.0	31.6

Manual Integrations
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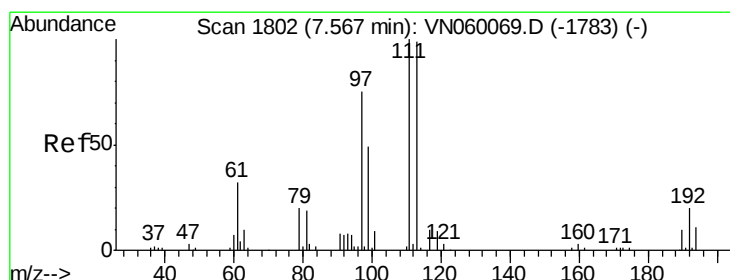
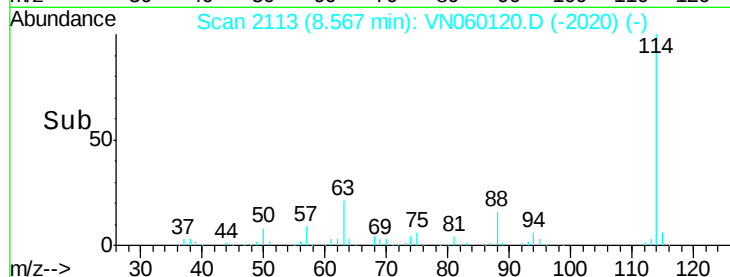
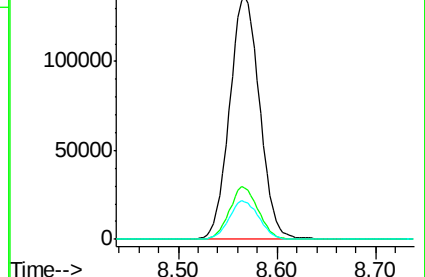
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.697 ug/l

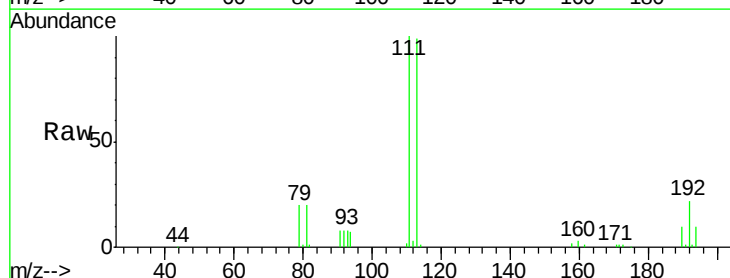
RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN060120.D

Acq: 17 Feb 2020 15:30

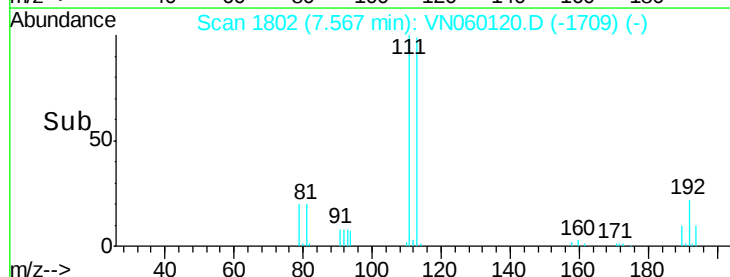
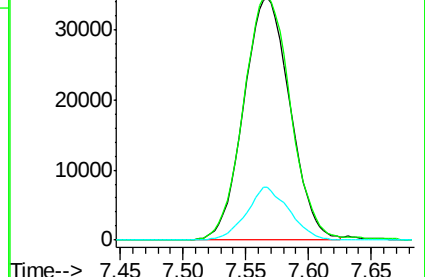
Tgt Ion:	113	Resp:	88852
Ion Ratio		Lower	Upper
113	100		
111	102.6	81.4	122.2
192	20.0	16.2	24.2

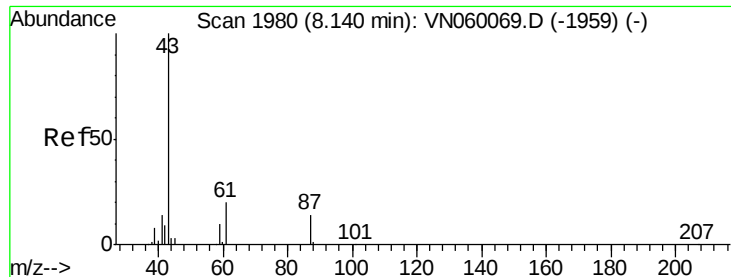


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 13.374 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060120.D

Acq: 17 Feb 2020 15:30

Instrument :

MSVOA_N

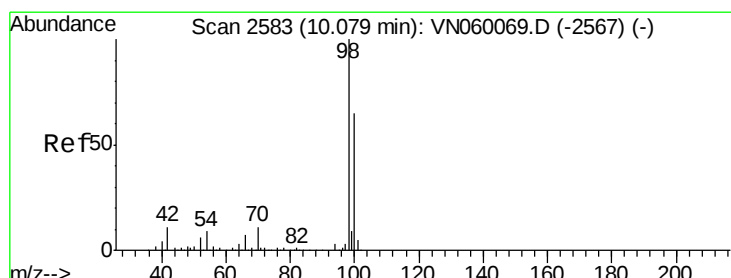
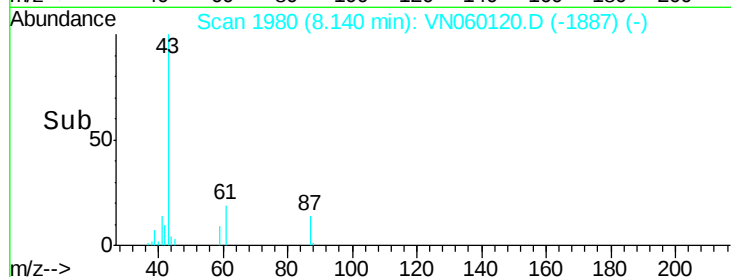
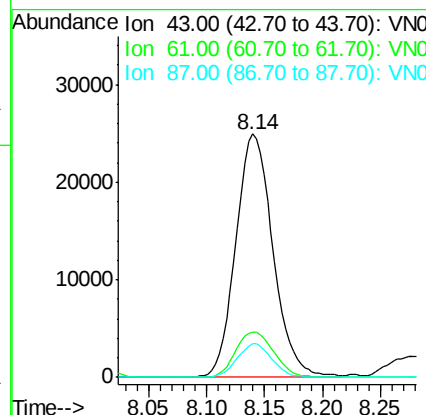
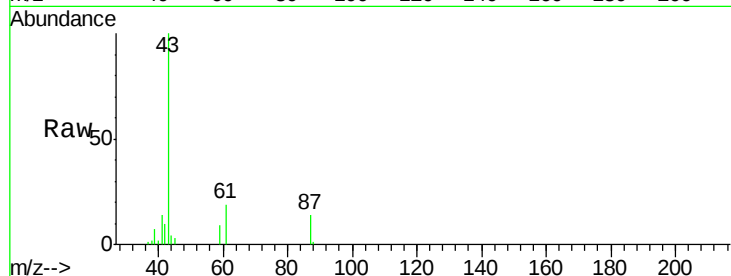
ClientSampleId :

PB126834ZHE#05

Tot Ion:	43	Resp:	55662
Ion Ratio	Lower	Upper	
43	100		
61	19.2	21.8	32.6#
87	12.8	11.4	17.2

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#50

Toluene-d8

Concen: 50.857 ug/l

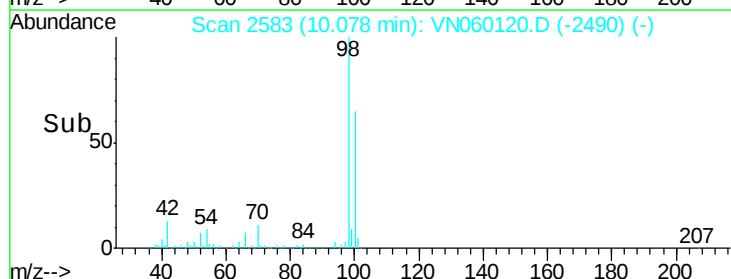
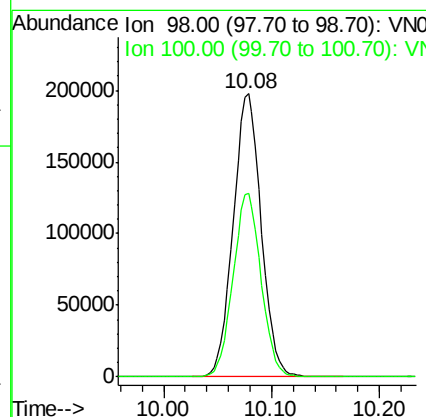
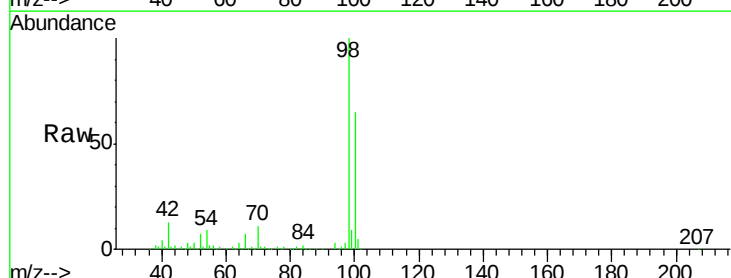
RT: 10.08 min Scan# 2583

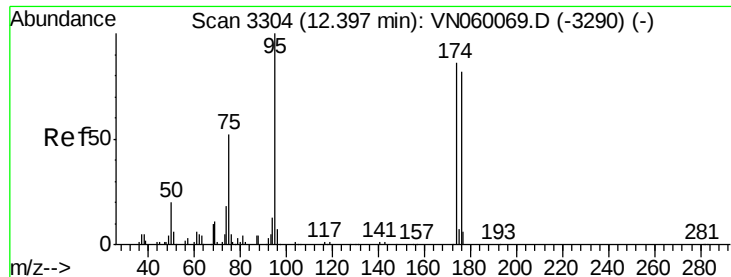
Delta R.T. -0.00 min

Lab File: VN060120.D

Acq: 17 Feb 2020 15:30

Tgt Ion:	98	Resp:	358058
Ion Ratio	Lower	Upper	
98	100		
100	64.5	51.7	77.5





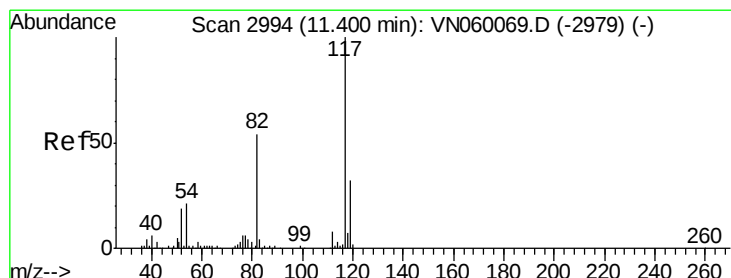
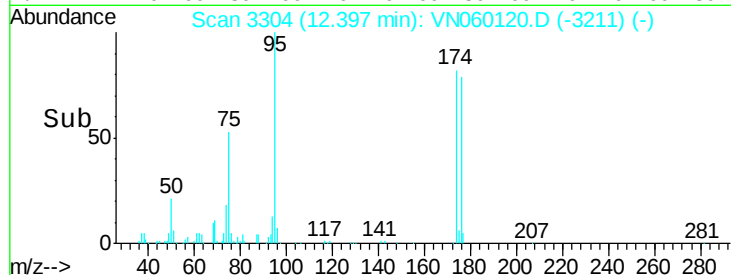
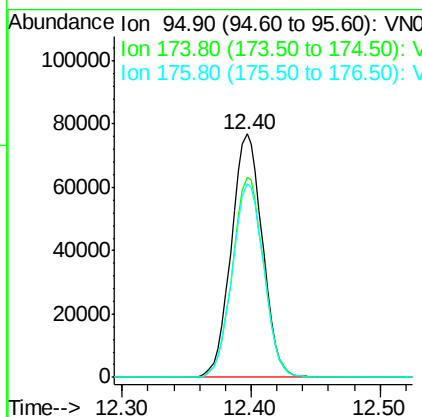
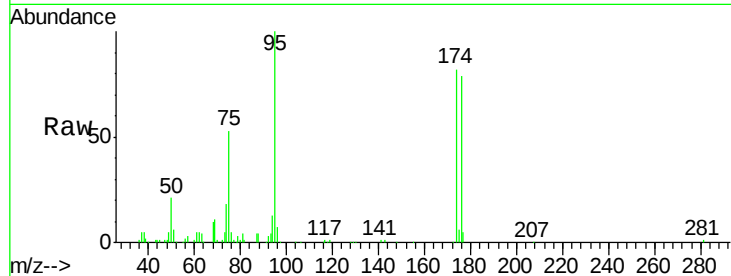
#62
4-Bromofluorobenzene
Concen: 49.808 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060120.D
Acq: 17 Feb 2020 15:30

Instrument :
MSVOA_N
ClientSampleId :
PB126834ZHE#05

Tot Ion	Ratio	Resp	Lower	Upper
95	100	128857		
174	82.8	0.0	169.8	
176	80.8	0.0	164.8	

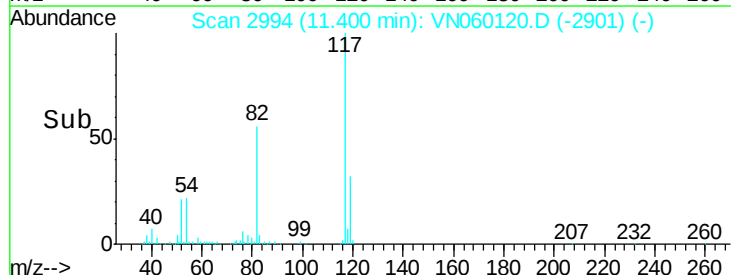
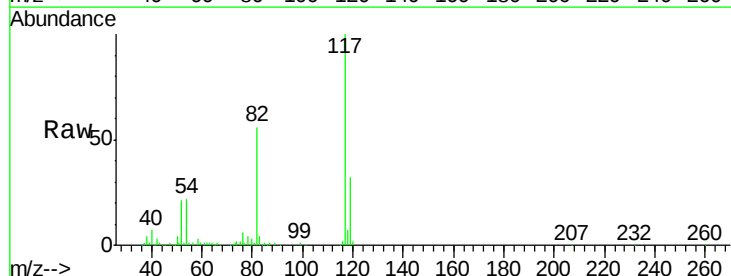
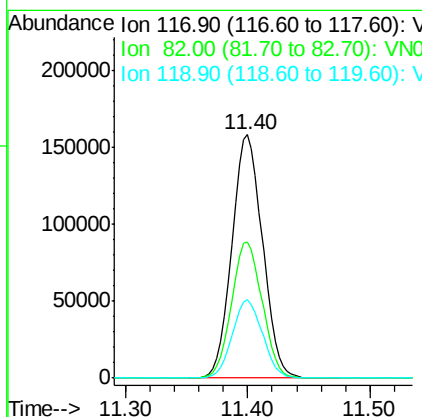
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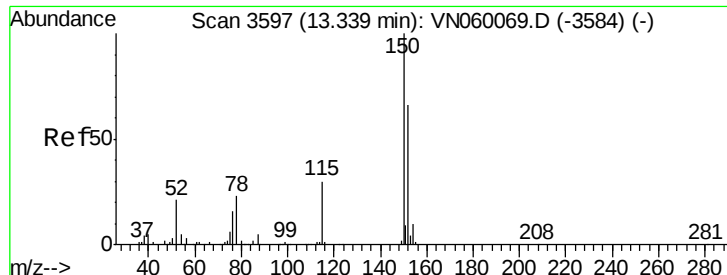
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060120.D
Acq: 17 Feb 2020 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	275596		
82	56.1	43.4	65.0	
119	32.0	25.8	38.6	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060120.D

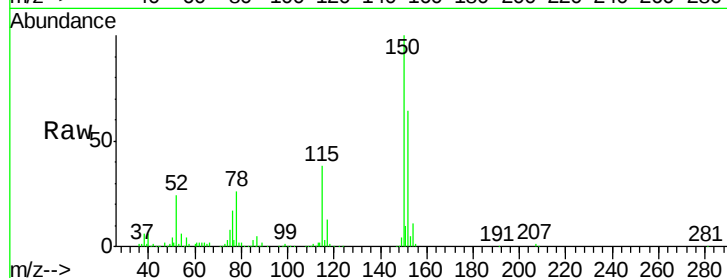
Acq: 17 Feb 2020 15:30

Instrument :

MSVOA_N

ClientSampleId :

PB126834ZHE#05



Tot Ion:152 Resp: 124052

Ion Ratio Lower Upper

152 100

115 58.7 28.9 86.8

150 156.8 0.0 342.4

Manual Integrations
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