

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053819.D
 Acq On : 16 Feb 2019 00:40
 Operator : JC/SP
 Sample : PB117124ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117124ZHE#04

Manual Integrations
 APPROVED

MMDadoda
 2/18/2019 9:48:29 AM

Quant Time: Feb 16 05:54:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	661921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1153328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1005202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	382357	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	364746	54.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.86%	
35) Dibromofluoromethane	7.59	113	369296	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	10.09	98	1307811	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	12.40	95	425705	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
Target Compounds						
16) Acetone	3.82	43	17318	10.168	ug/l	91
20) Methylene Chloride	4.56	84	11771m	1.647	ug/l	
43) Isopropyl Acetate	8.17	43	32896	2.934	ug/l #	84
80) 1,3,5-Trimethylbenzene	12.73	105	9829	0.441	ug/l	89
95) Naphthalene	15.13	128	5139	2.032	ug/l #	92

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

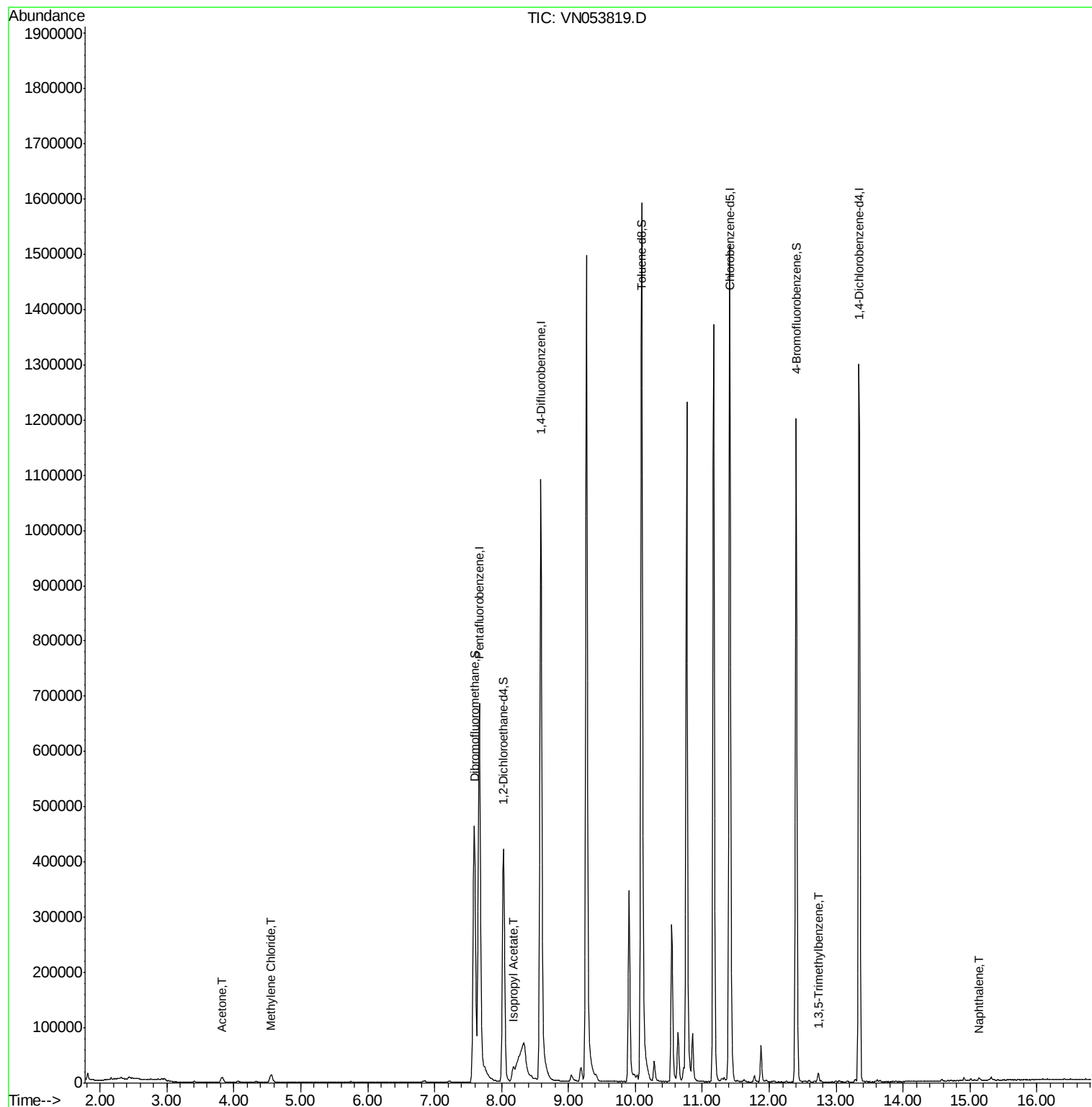
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021519\
Data File : VN053819.D
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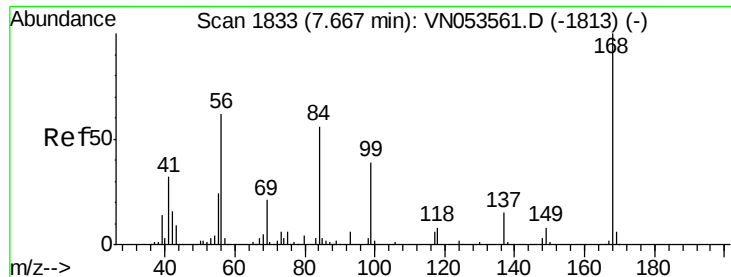
Instrument :
MSVOA_N
ClientSampleId :
PB117124ZHE#04

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053819.D

Acq: 16 Feb 2019 00:40

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#04

Tot Ion:168 Resp: 661921

Ion Ratio Lower Upper

168 100

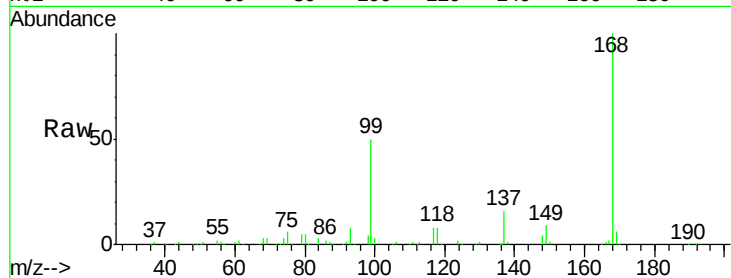
99 49.6 39.1 58.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

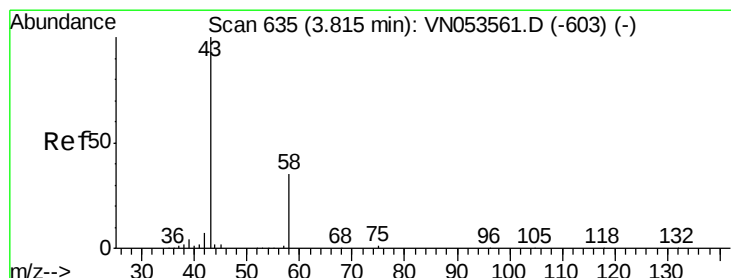
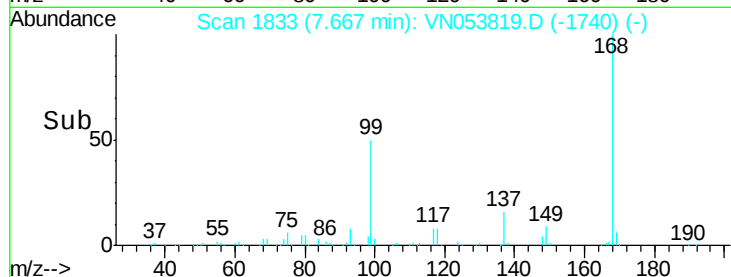
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.168 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053819.D

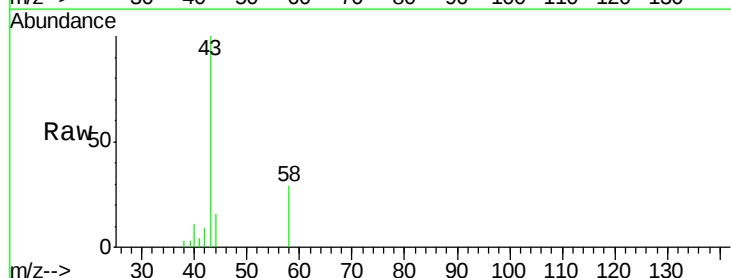
Acq: 16 Feb 2019 00:40

Tgt Ion: 43 Resp: 17318

Ion Ratio Lower Upper

43 100

58 28.8 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

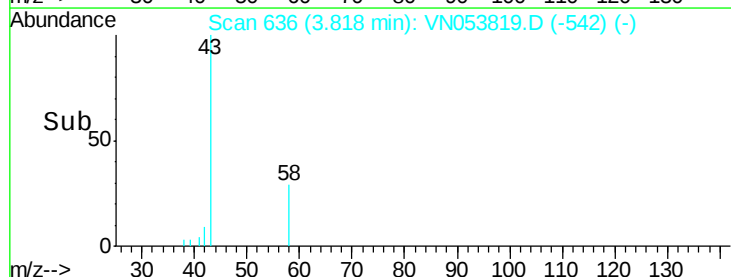
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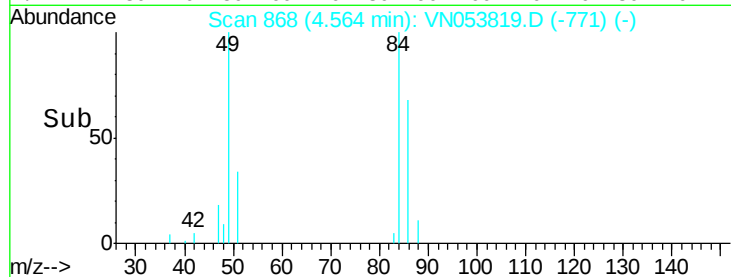
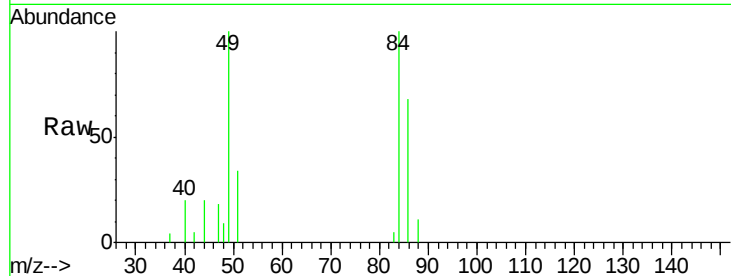
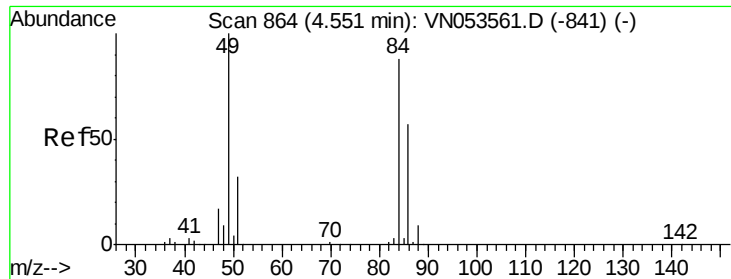
4000

2000

0

Time-->





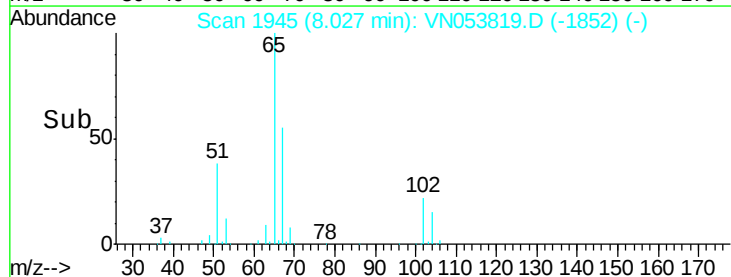
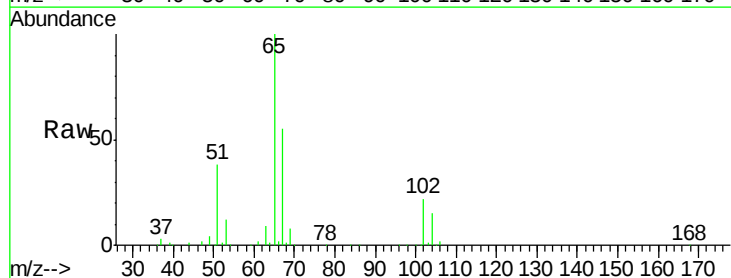
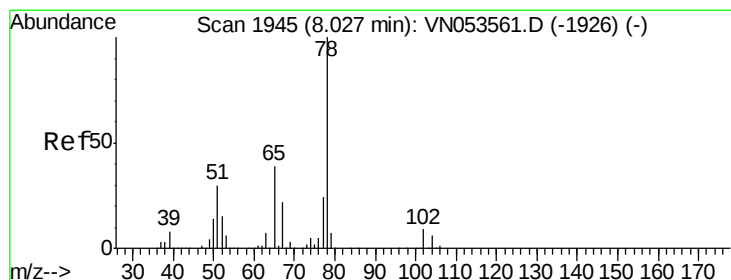
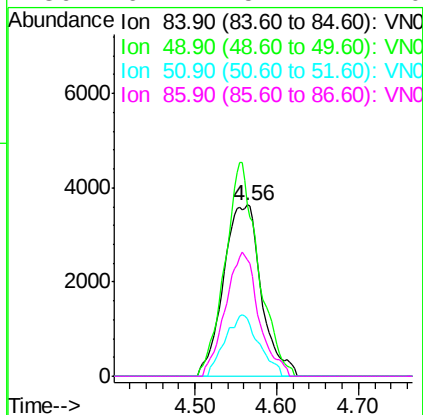
#20
Methvlene Chloride
Concen: 1.647 ug/l m
RT: 4.56 min Scan# 868
Delta R.T. 0.01 min
Lab File: VN053819.D
Acq: 16 Feb 2019 00:40

Tot Ion:	84	Resp:	11771
Ion	Ratio	Lower	Upper
84	100		
49	100.1	94.3	141.5
51	33.7	29.4	44.2
86	67.7	51.4	77.0

Instrument :
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PB117124ZHE#04

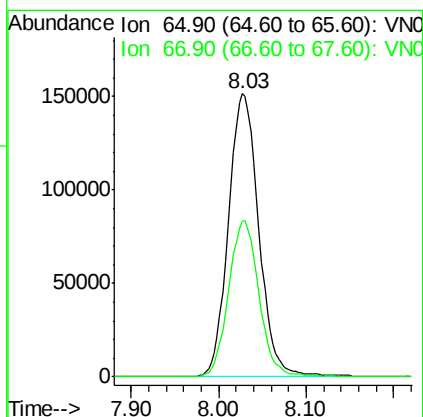
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#33
1,2-Dichloroethane-d4
Concen: 54.929 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053819.D
Acq: 16 Feb 2019 00:40

Tgt Ion:	65	Resp:	364746
Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053819.D

Acq: 16 Feb 2019 00:40

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#04

Tot Ion:114 Resp: 1153328

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

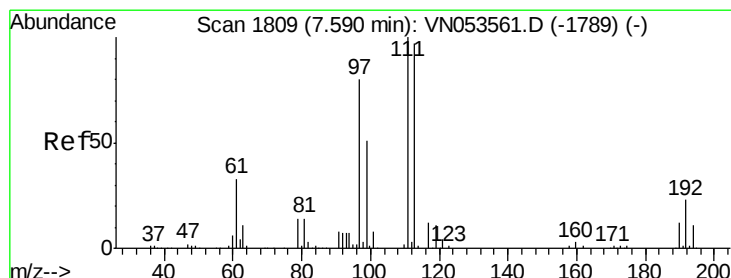
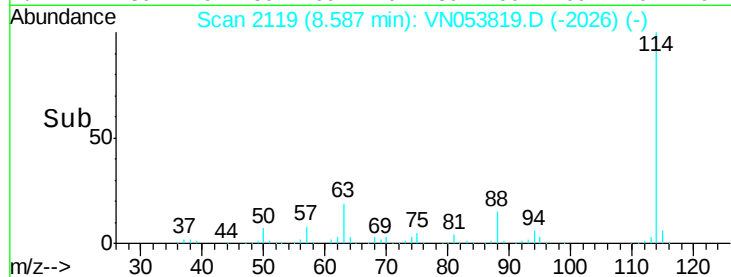
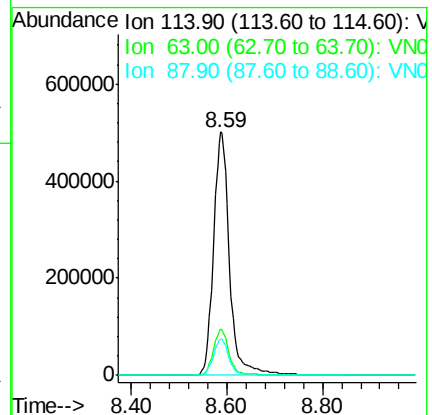
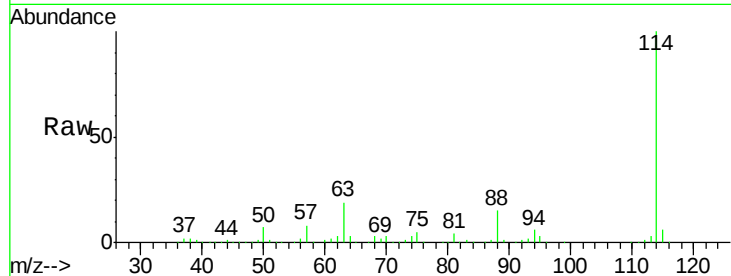
88 15.1 0.0 30.4

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#35

Dibromofluoromethane

Concen: 50.675 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053819.D

Acq: 16 Feb 2019 00:40

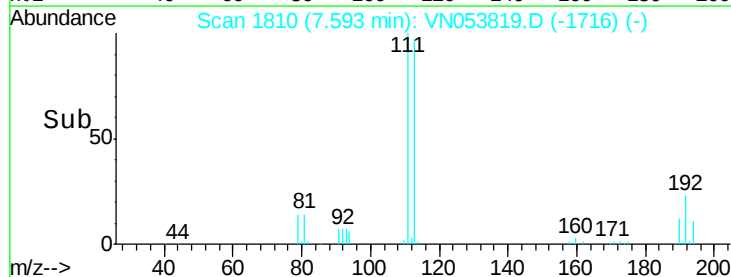
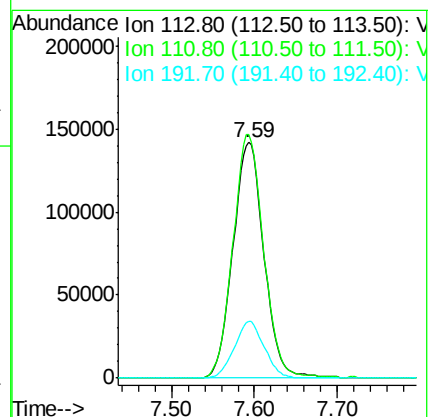
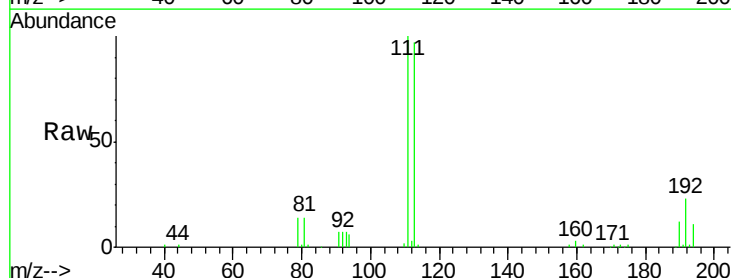
Tgt Ion:113 Resp: 369296

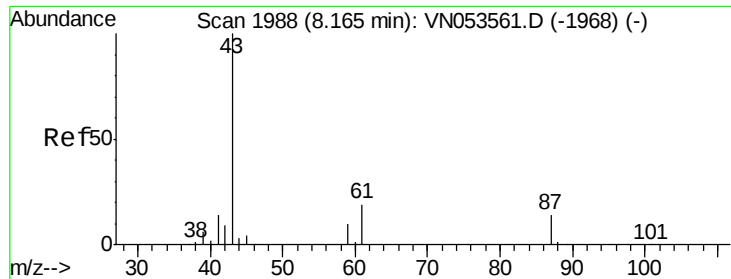
Ion Ratio Lower Upper

113 100

111 102.6 81.1 121.7

192 23.3 18.2 27.2





#43

Isopropyl Acetate

Concen: 2.934 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053819.D

Acq: 16 Feb 2019 00:40

Instrument :

MSVOA_N

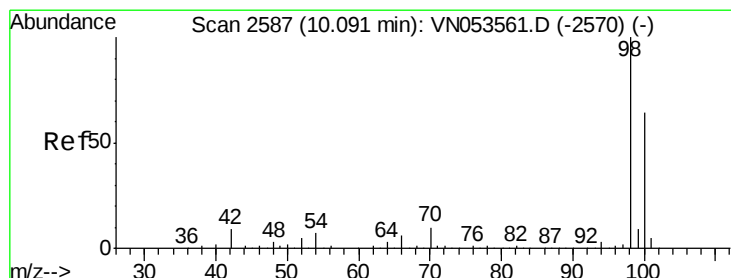
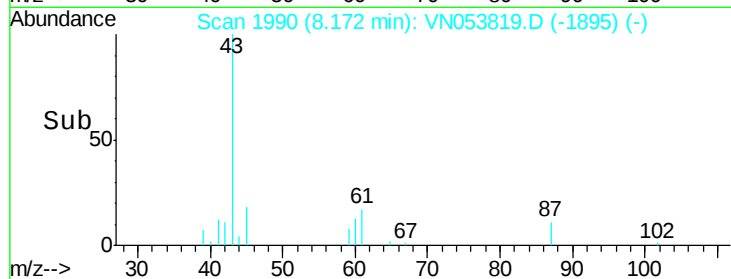
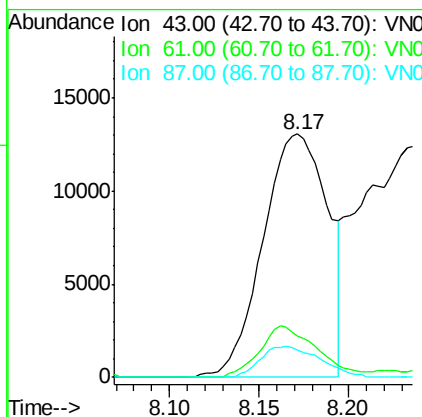
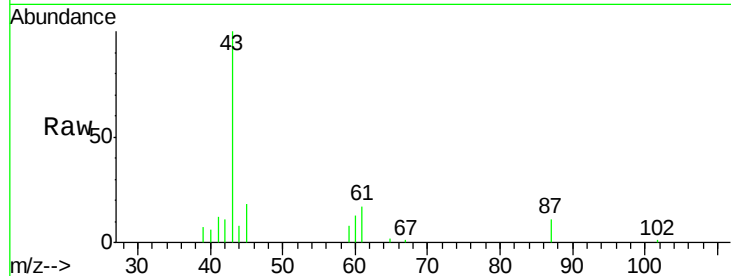
ClientSampleId :

PB117124ZHE#04

Tot Ion:	43	Resp:	32896
Ion Ratio	Lower	Upper	
43	100		
61	18.7	23.9	35.9#
87	11.8	11.0	16.6

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#50

Toluene-d8

Concen: 47.794 ug/l

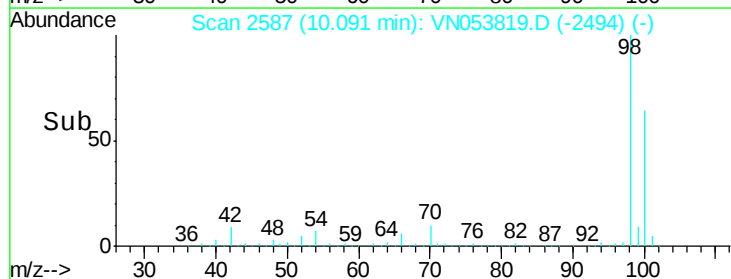
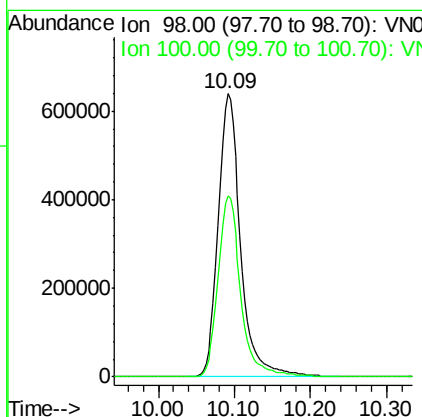
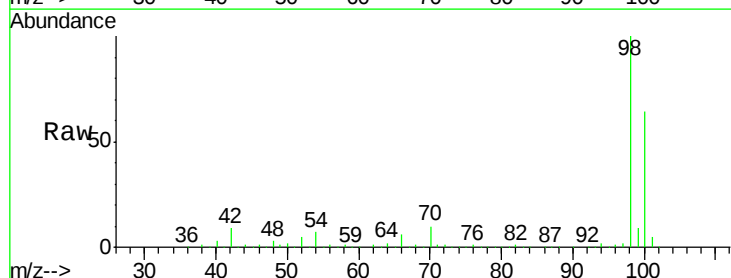
RT: 10.09 min Scan# 2587

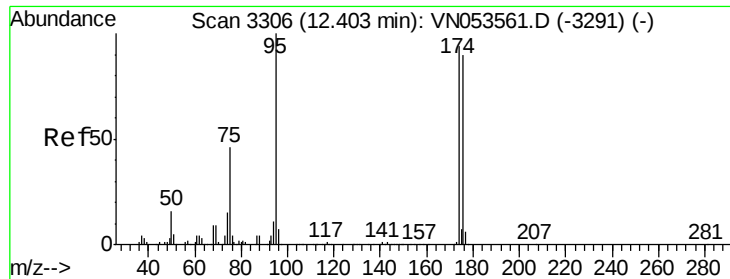
Delta R.T. 0.00 min

Lab File: VN053819.D

Acq: 16 Feb 2019 00:40

Tgt Ion:	98	Resp:	1307811
Ion Ratio	Lower	Upper	
98	100		
100	64.7	51.4	77.0





#62

4-Bromofluorobenzene

Concen: 46.647 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053819.D

Acq: 16 Feb 2019 00:40

Instrument :

MSVOA_N

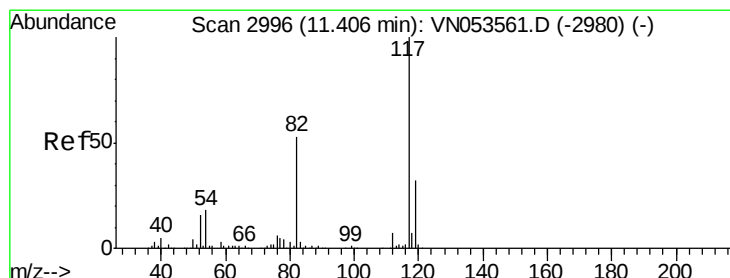
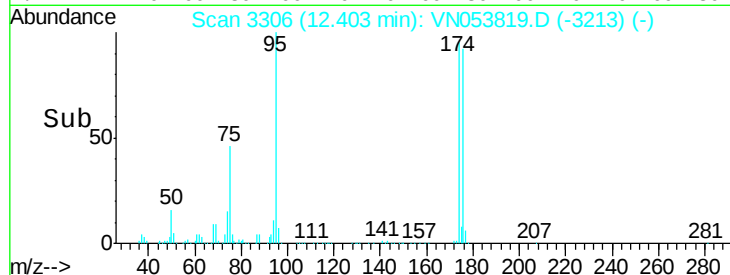
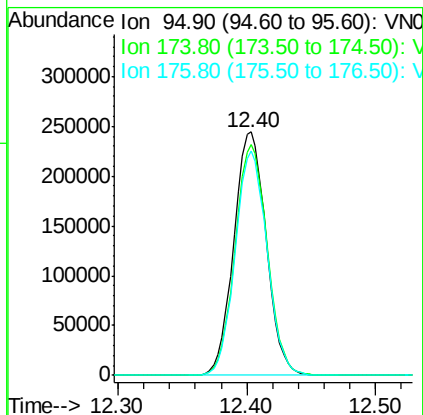
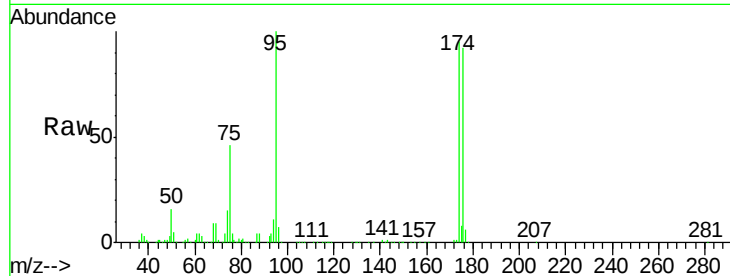
ClientSampleId :

PB117124ZHE#04

Tot Ion:	95	Resp:	425705
Ion	Ratio	Lower	Upper
95	100		
174	94.4	0.0	183.2
176	90.8	0.0	177.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

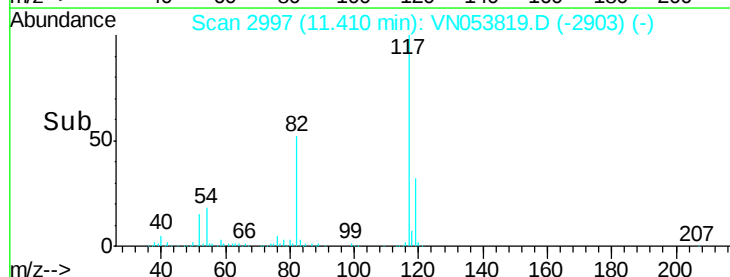
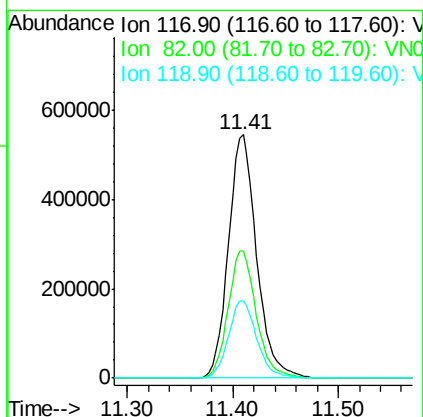
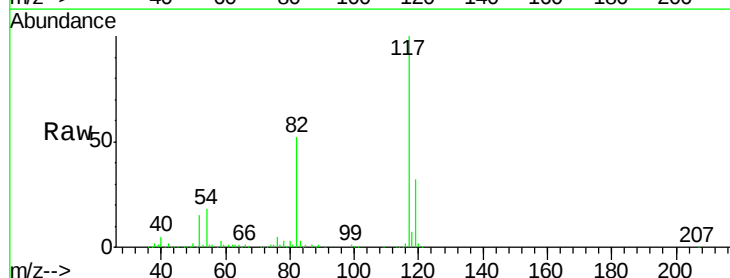
RT: 11.41 min Scan# 2997

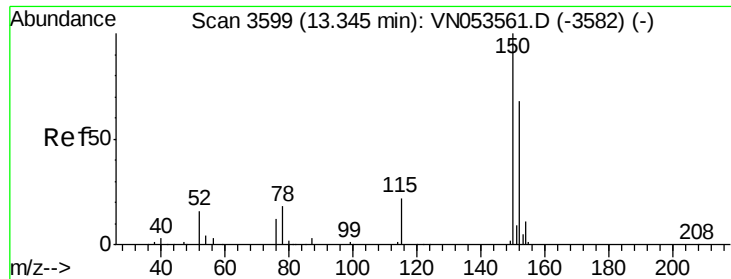
Delta R.T. 0.00 min

Lab File: VN053819.D

Acq: 16 Feb 2019 00:40

Tgt Ion:	117	Resp:	1005202
Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.9	64.3
119	32.0	26.0	39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053819.D

Acq: 16 Feb 2019 00:40

Instrument :

MSVOA_N

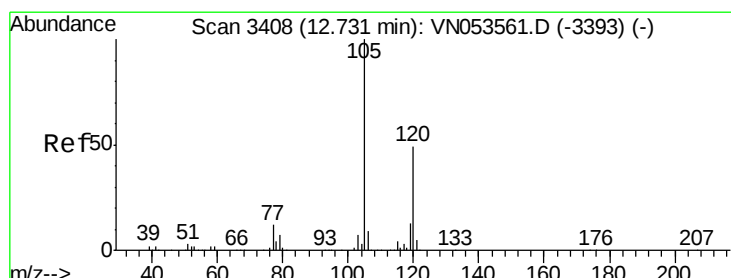
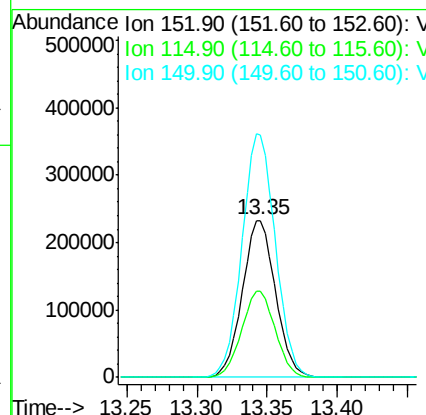
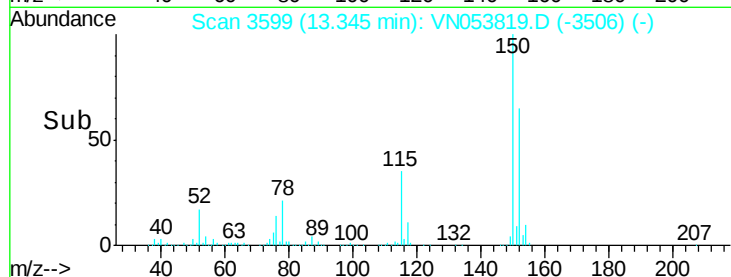
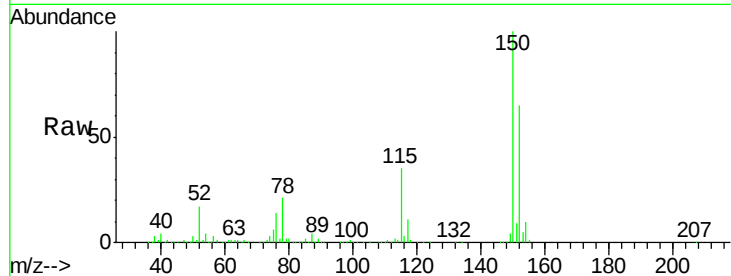
ClientSampleId :

PB117124ZHE#04

Tot Ion:	152	Resp:	382357
Ion Ratio	Lower	Upper	
152	100		
115	55.6	27.8	83.4
150	156.9	0.0	349.0

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 0.441 ug/l

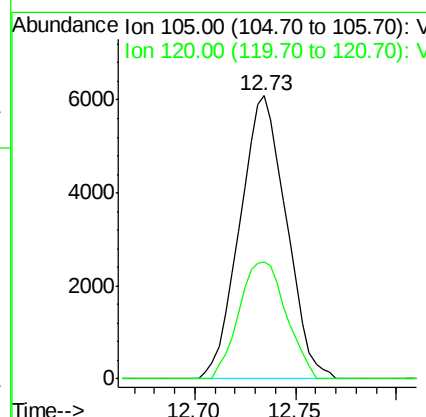
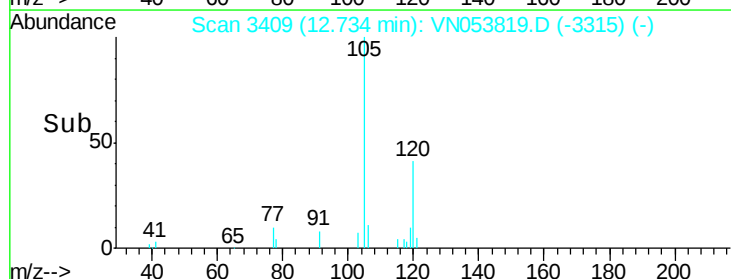
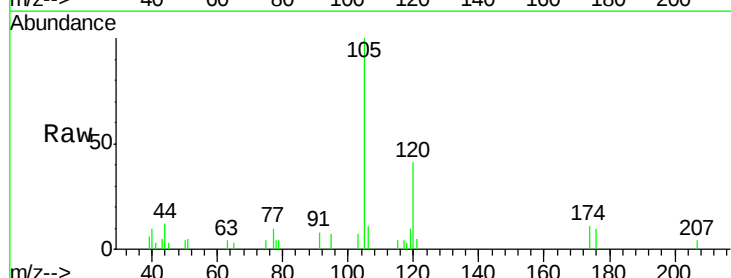
RT: 12.73 min Scan# 3409

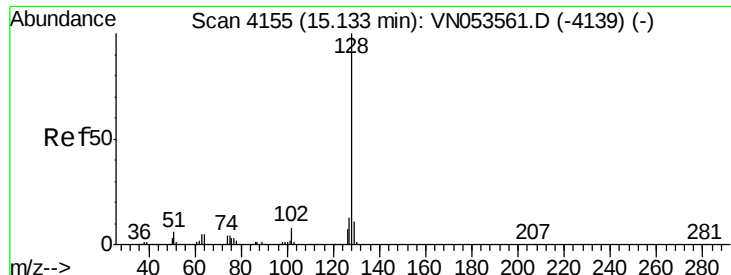
Delta R.T. 0.00 min

Lab File: VN053819.D

Acq: 16 Feb 2019 00:40

Tgt Ion:	105	Resp:	9829
Ion Ratio	Lower	Upper	
105	100		
120	42.0	24.9	74.6





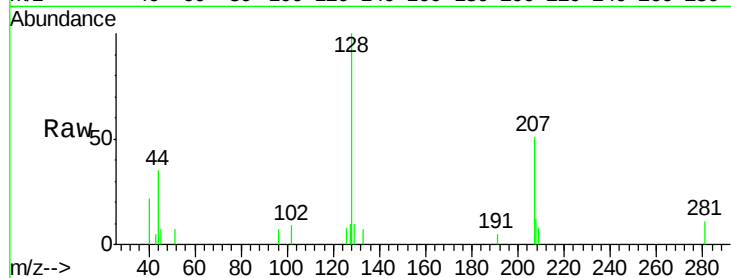
#95
Naphthalene
Concen: 2.032 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN053819.D
Acq: 16 Feb 2019 00:40

Instrument :
MSVOA_N
ClientSampleId :
PB117124ZHE#04

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	8.9	10.3	15.5#
129	9.1	8.6	13.0

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

