

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020619\
 Data File : VN053629.D
 Acq On : 6 Feb 2019 12:42
 Operator : JC/SP
 Sample : PB116860ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116860ZHE#02

Manual Integrations
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 2/7/2019 11:04:20 AM

Quant Time: Feb 07 04:12:29 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	778833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1256614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1134311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	465462	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	398111	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
35) Dibromofluoromethane	7.59	113	399898	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
50) Toluene-d8	10.09	98	1512319	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.40	95	494079	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
Target Compounds						
16) Acetone	3.82	43	232147	115.836	ug/l	95
20) Methylene Chloride	4.55	84	13424	1.597	ug/l	98
25) 2-Butanone	6.85	43	5160m	1.805	ug/l	
43) Isopropyl Acetate	8.17	43	33888	2.774	ug/l #	84

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

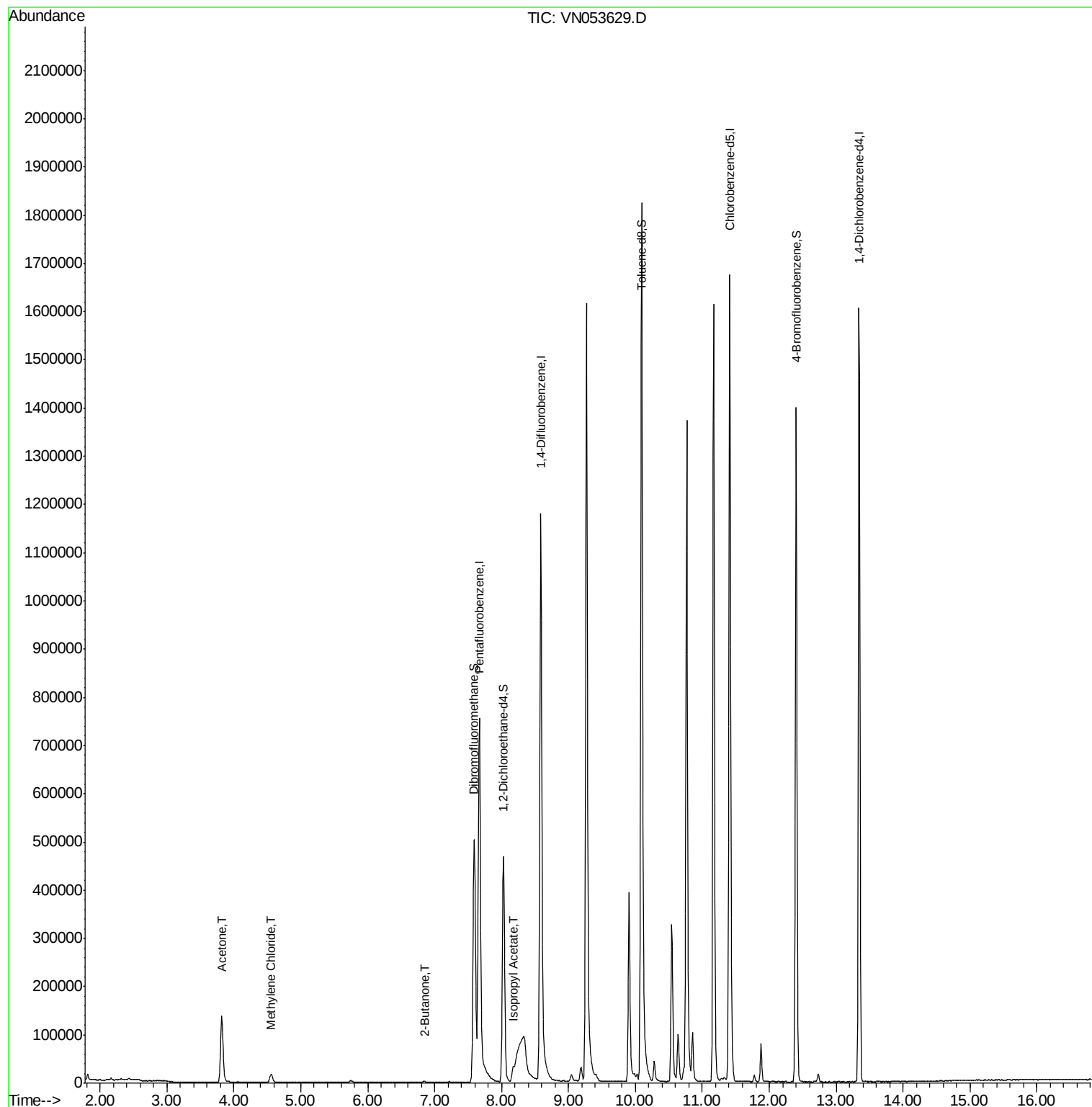
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN020619\
Data File : VN053629.D
Acq On : 6 Feb 2019 12:42
Operator : JC/SP
Sample : PB116860ZHE#02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 28

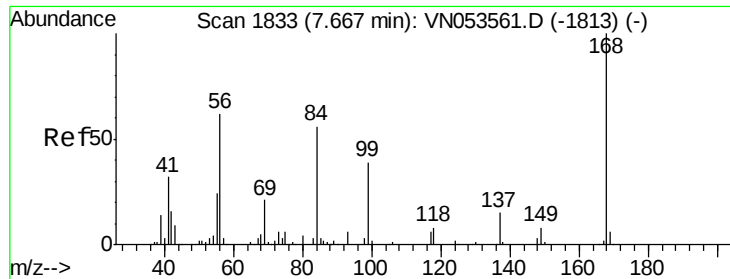
Instrument :
MSVOA_N
ClientSampleId :
PB116860ZHE#02

Manual Integrations
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Quant Time: Feb 07 04:12:29 2019
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: VN053629.D

Acq: 6 Feb 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

PB116860ZHE#02

Tot Ion:168 Resp: 778833

Ion Ratio Lower Upper

168 100

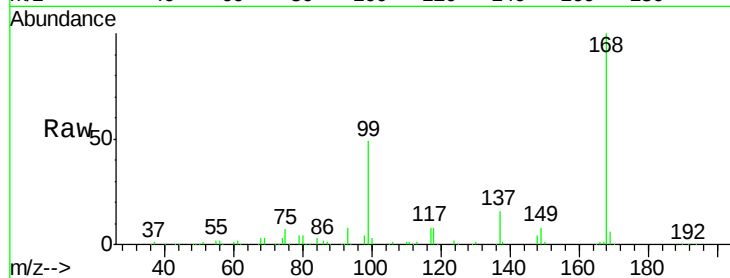
99 48.8 39.1 58.7

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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

300000

250000

200000

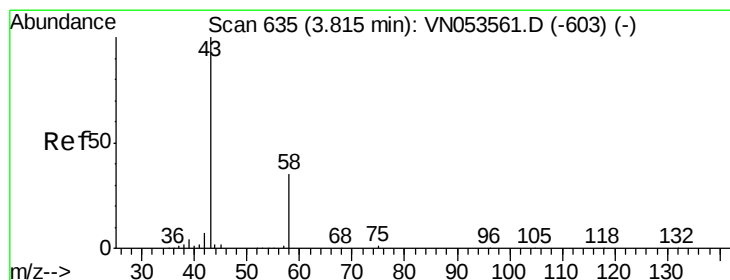
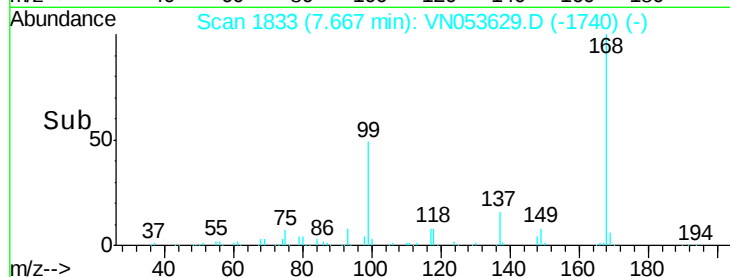
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 115.836 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053629.D

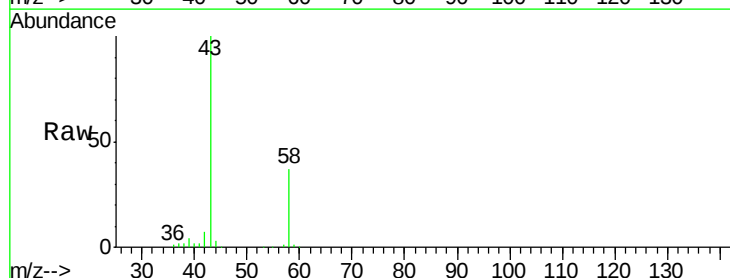
Acq: 6 Feb 2019 12:42

Tgt Ion: 43 Resp: 232147

Ion Ratio Lower Upper

43 100

58 36.7 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

100000

80000

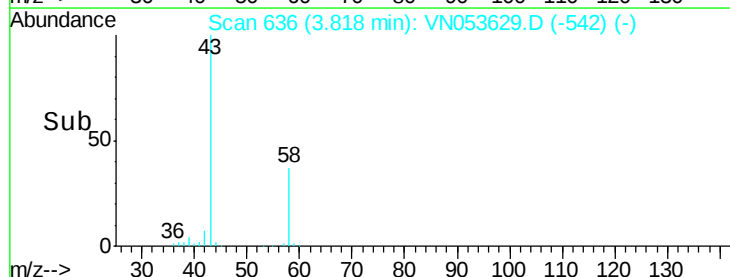
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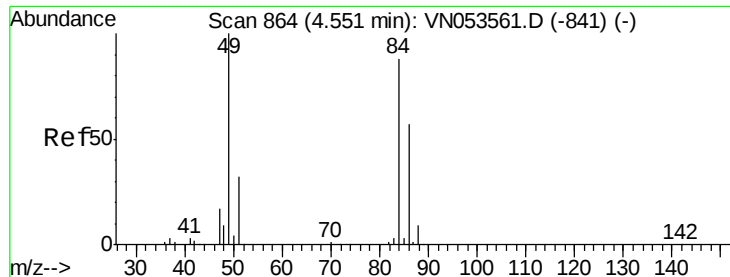
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Time-->





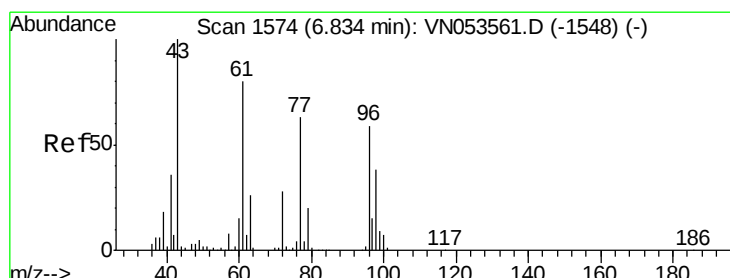
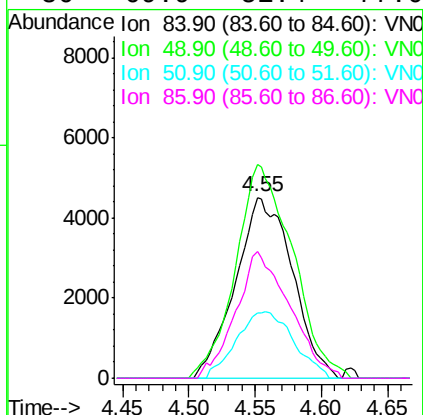
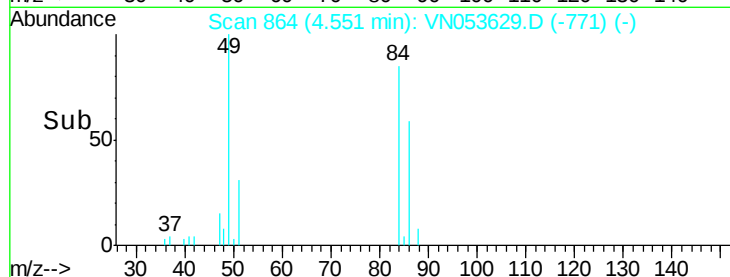
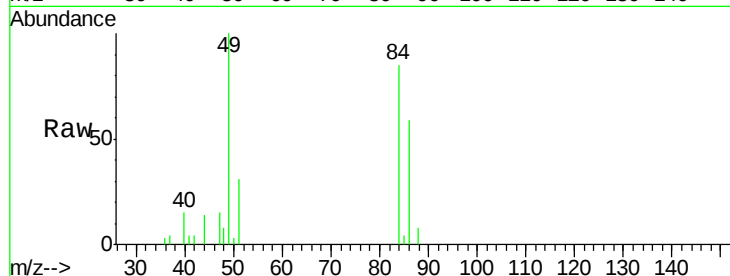
#20
Methvlene Chloride
Concen: 1.597 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053629.D
Acq: 6 Feb 2019 12:42

Instrument :
MSVOA_N
ClientSampleId :
PB116860ZHE#02

Tot Ion:	84	Resp:	13424
Ion	Ratio	Lower	Upper
84	100		
49	118.3	94.3	141.5
51	36.2	29.4	44.2
86	69.9	51.4	77.0

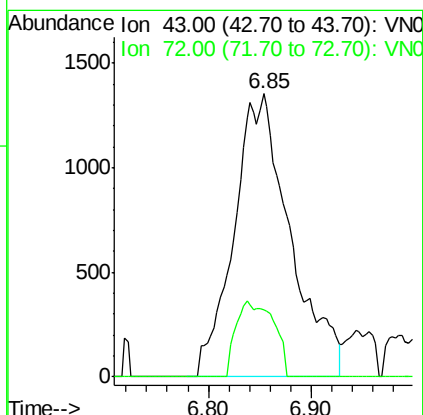
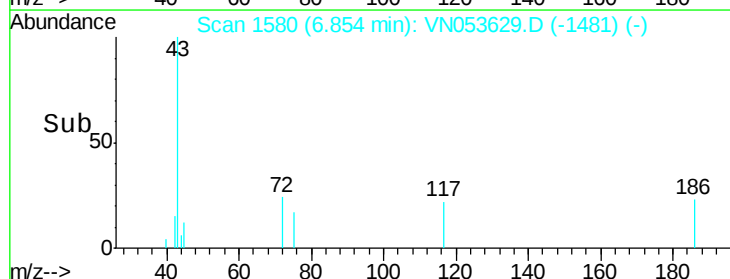
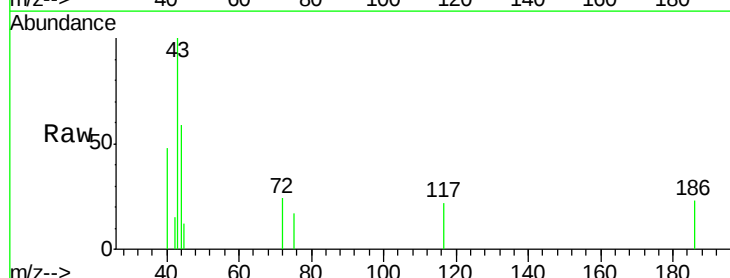
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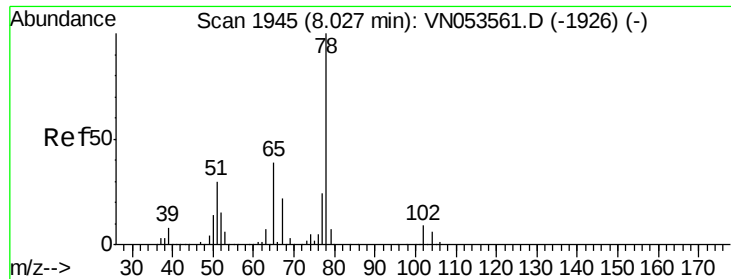
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#25
2-Butanone
Concen: 1.805 ug/l m
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN053629.D
Acq: 6 Feb 2019 12:42

Tgt Ion:	43	Resp:	5160
Ion	Ratio	Lower	Upper
43	100		
72	23.6	22.0	33.0





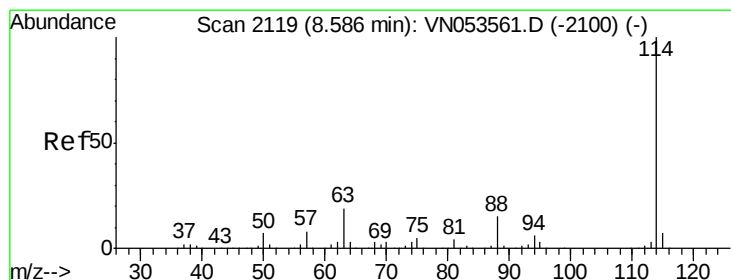
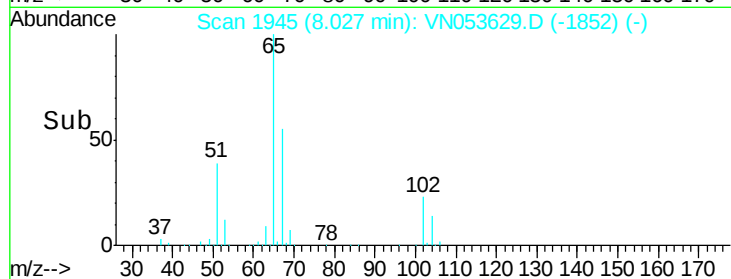
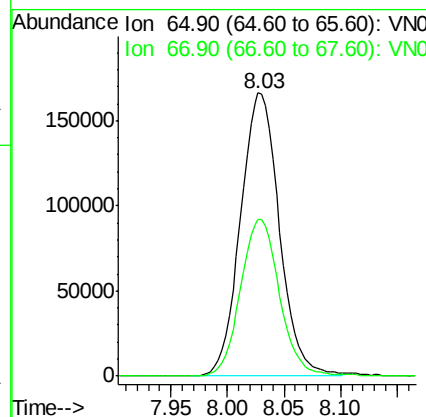
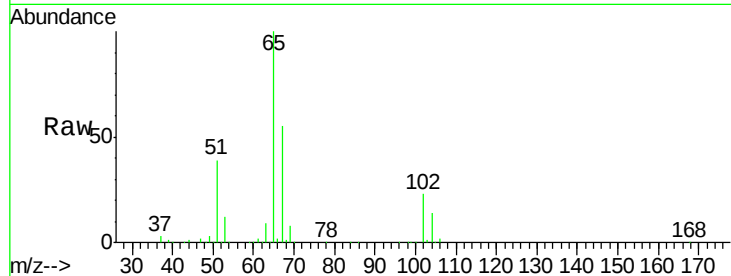
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053629.D
 Acq: 6 Feb 2019 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116860ZHE#02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	398111		
67	55.8	0.0	111.2	

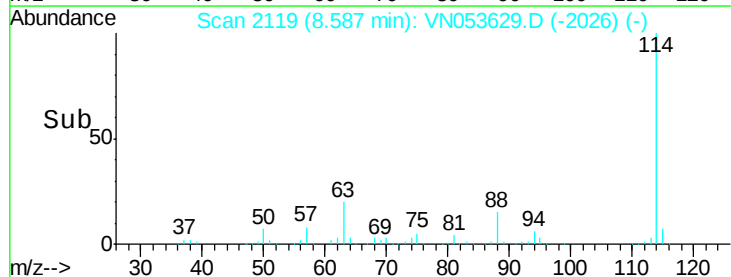
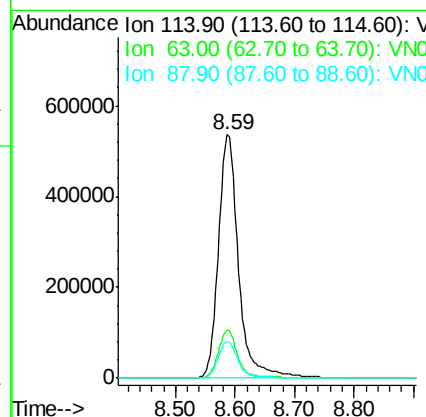
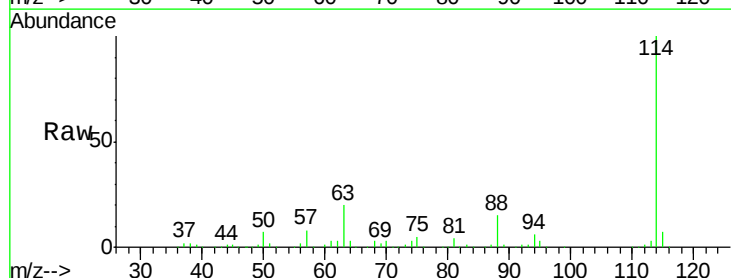
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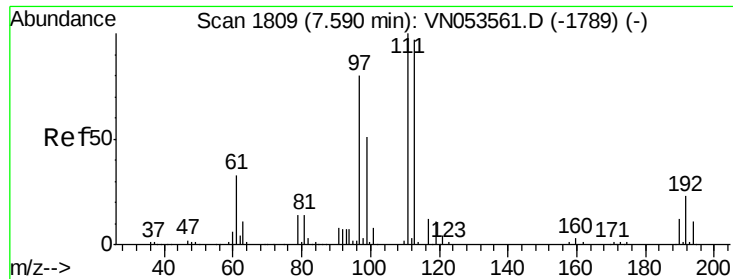
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053629.D
 Acq: 6 Feb 2019 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1256614		
63	19.8	0.0	38.6	
88	15.0	0.0	30.4	





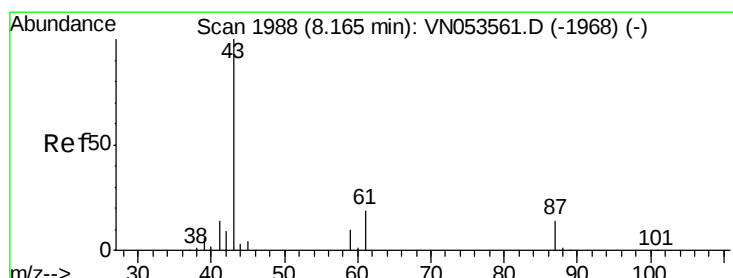
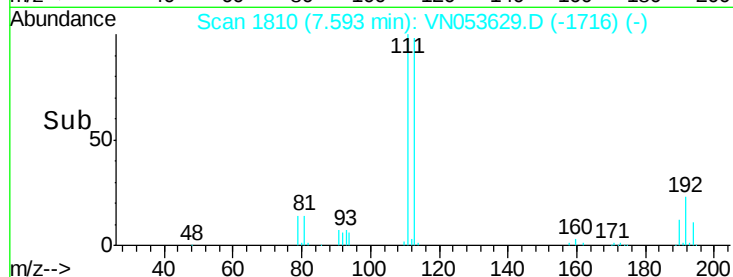
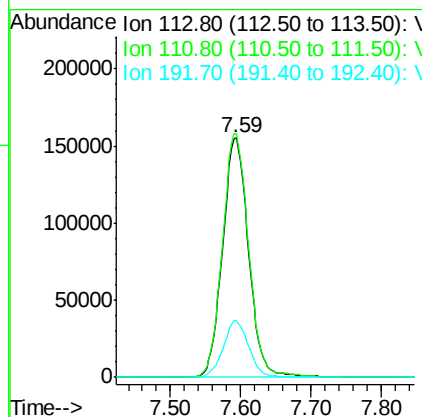
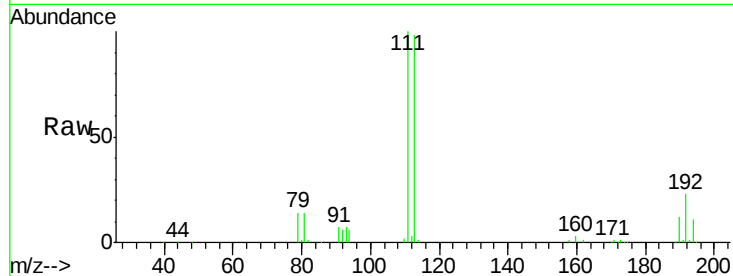
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053629.D
 Acq: 6 Feb 2019 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116860ZHE#02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.7	81.1	121.7	
192	23.2	18.2	27.2	

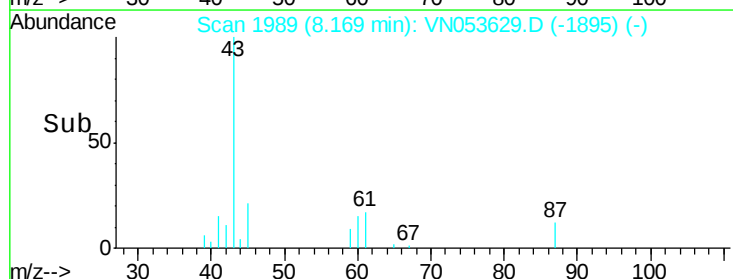
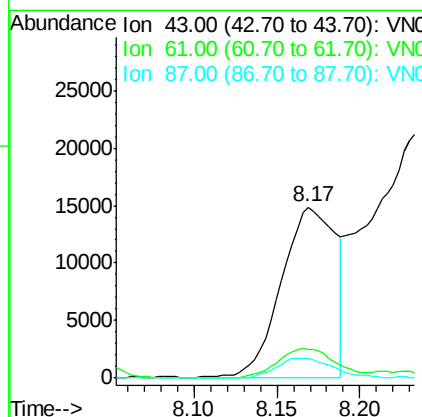
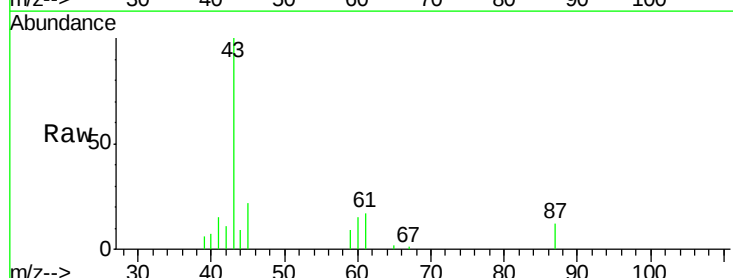
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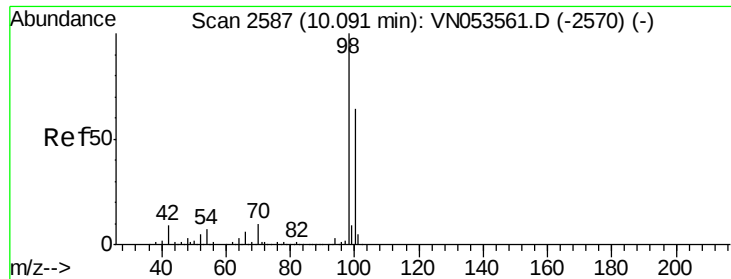
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#43
 Isopropyl Acetate
 Concen: 2.774 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN053629.D
 Acq: 6 Feb 2019 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
61	18.4	23.9	35.9#	
87	11.9	11.0	16.6	





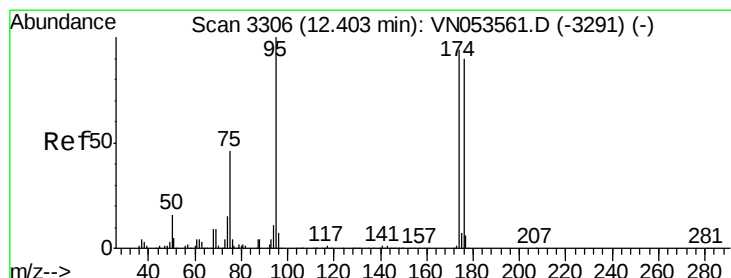
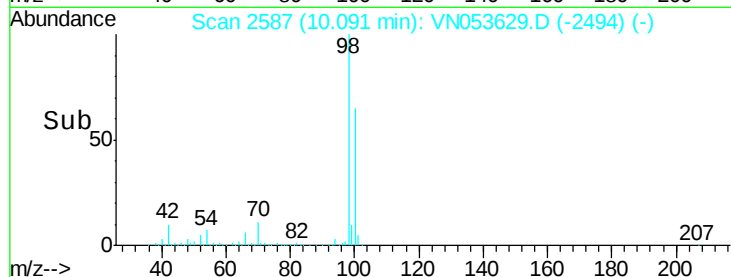
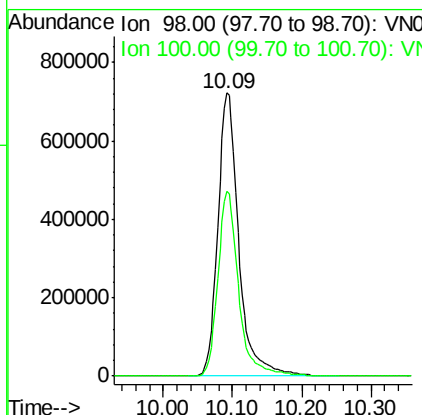
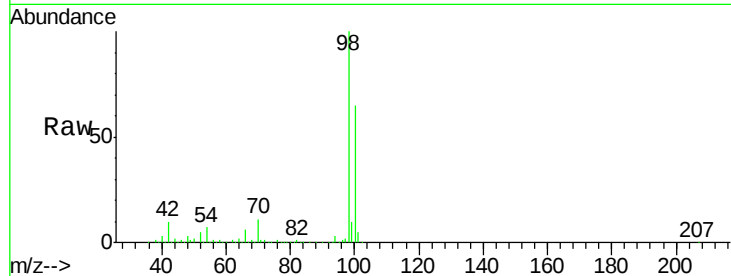
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053629.D
Acq: 6 Feb 2019 12:42

Instrument :
MSVOA_N
ClientSampleId :
PB116860ZHE#02

Tot Ion: 98 Resp: 1512319
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0

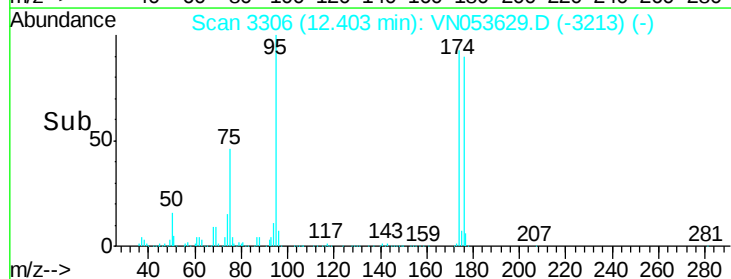
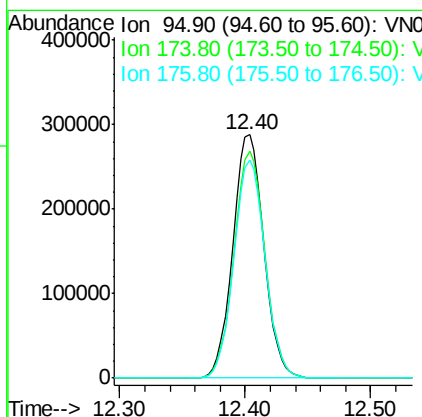
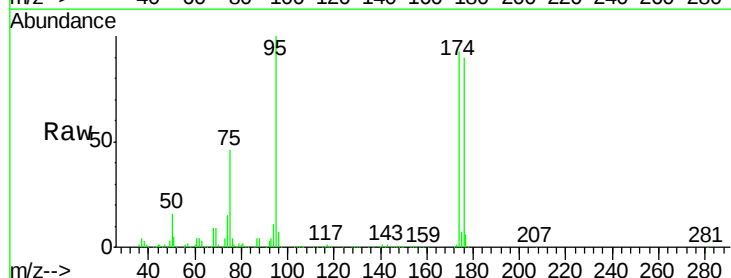
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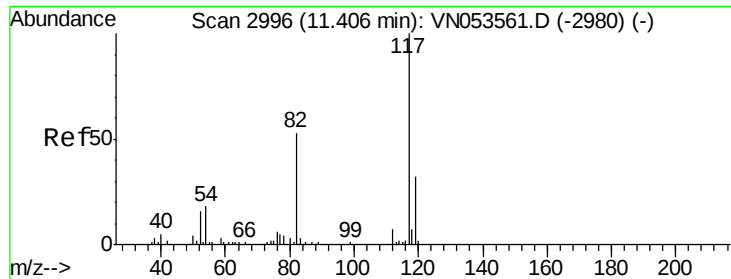
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#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053629.D
Acq: 6 Feb 2019 12:42

Tgt Ion: 95 Resp: 494079
Ion Ratio Lower Upper
95 100
174 93.5 0.0 183.2
176 90.3 0.0 177.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053629.D

Acq: 6 Feb 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

PB116860ZHE#02

Tot Ion:117 Resp: 1134311

Ion Ratio Lower Upper

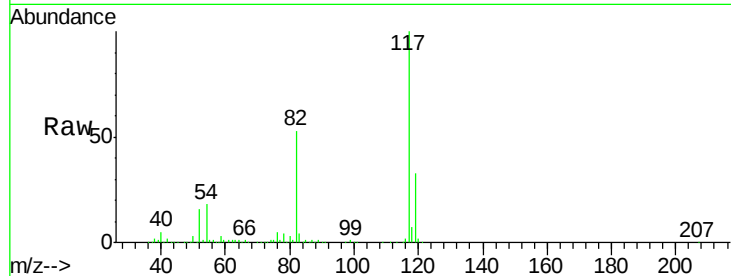
117 100

82 52.9 42.9 64.3

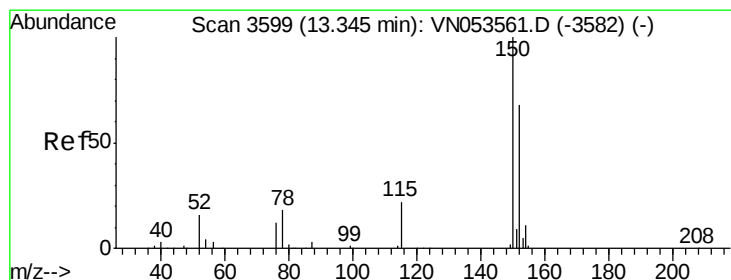
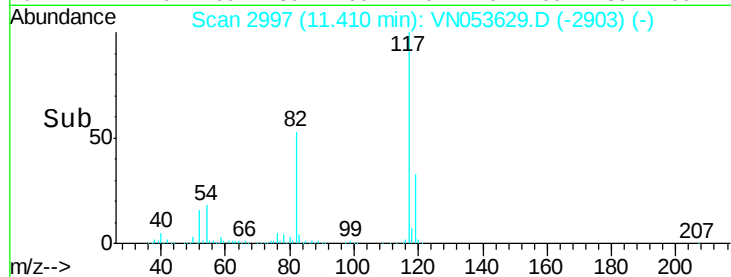
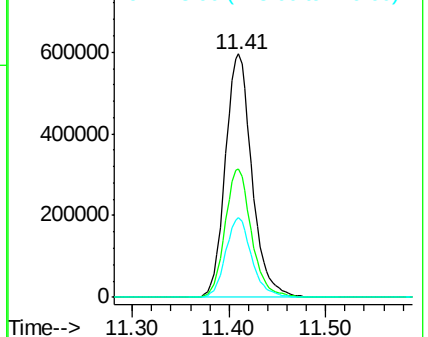
119 32.6 26.0 39.0

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Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053629.D

Acq: 6 Feb 2019 12:42

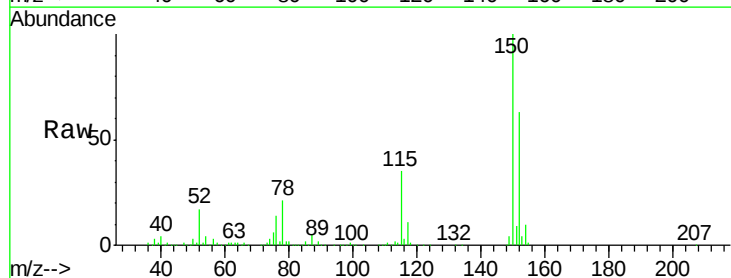
Tgt Ion:152 Resp: 465462

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.4

150 157.8 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

