

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053013.D
 Acq On : 19 Dec 2018 16:10
 Operator : MD\SY
 Sample : PB115821ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115821ZHE#03

Manual Integrations
 APPROVED

MMDadoda
 12/20/2018 9:34:57 AM

Quant Time: Dec 20 06:34:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1390192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2114149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1876404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	699631	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	688957	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
35) Dibromofluoromethane	7.59	113	524526	54.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.62%	
50) Toluene-d8	10.09	98	2590713	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.40	95	823232	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
Target Compounds						
16) Acetone	3.82	43	27269	9.858	ug/l	98
18) Methyl Acetate	4.34	43	7064m	1.543	ug/l	
20) Methylene Chloride	4.55	84	42349	2.807	ug/l	93
43) Isopropyl Acetate	8.17	43	79933	2.657	ug/l #	85

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

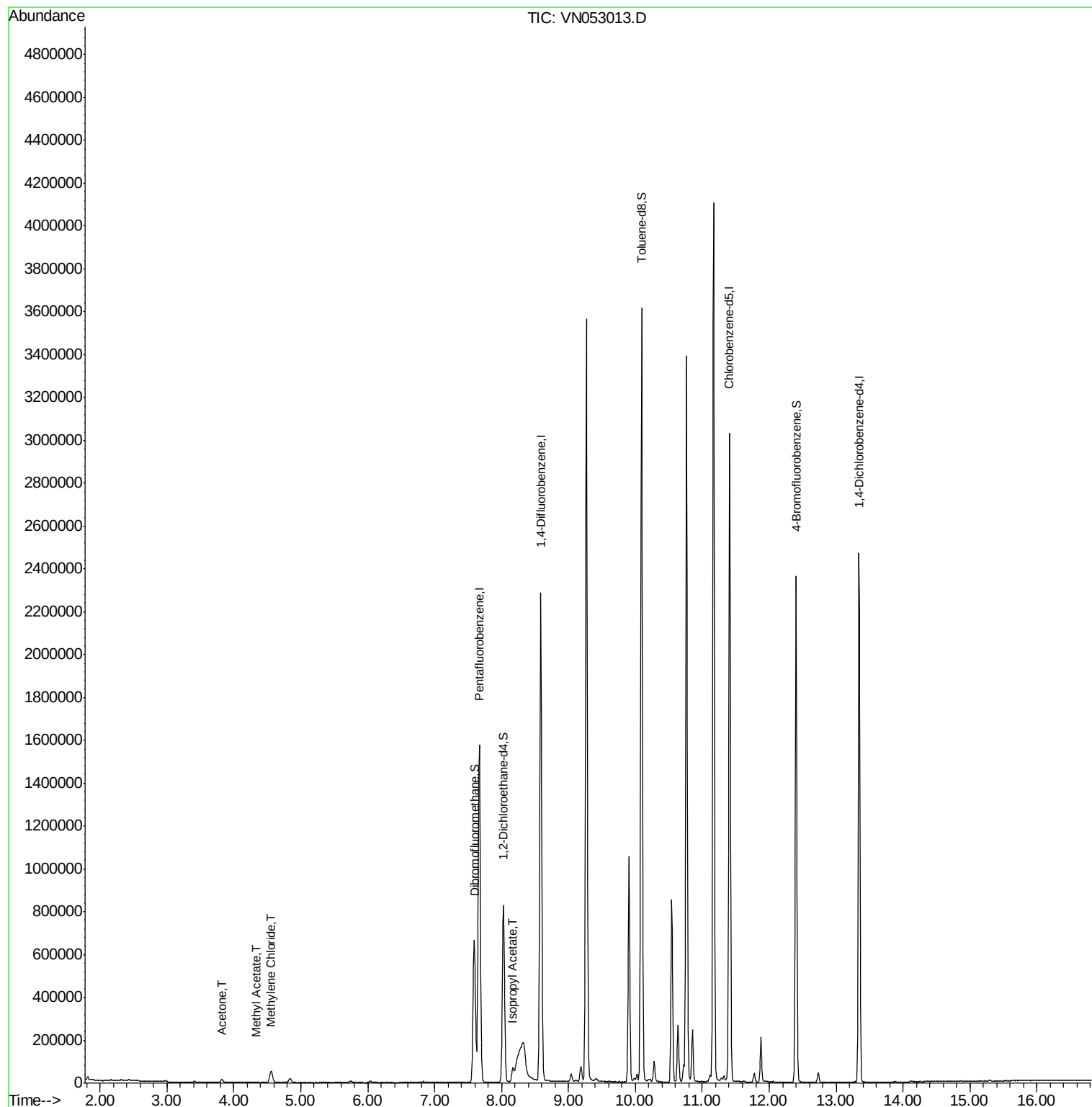
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
Data File : VN053013.D
Acq On : 19 Dec 2018 16:10
Operator : MD\SY
Sample : PB115821ZHE#03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 28

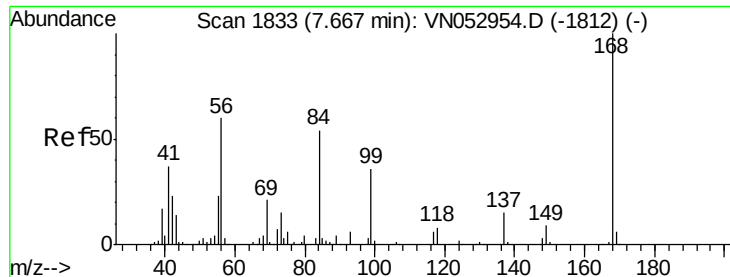
Instrument :
MSVOA_N
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053013.D

Acq: 19 Dec 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

PB115821ZHE#03

Tot Ion:168 Resp: 1390192

Ion Ratio Lower Upper

168 100

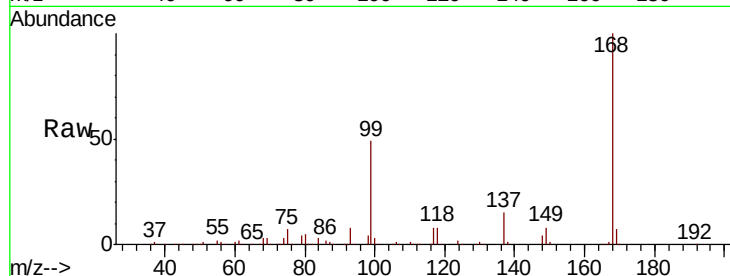
99 49.4 40.2 60.2

Manual Integrations

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12/20/2018 9:34:57 AM



Abundance Ion 167.90 (167.60 to 168.60): VN053013.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053013.D (-1740) (-)

7.67

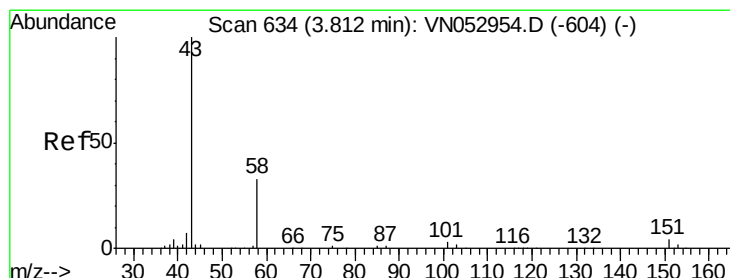
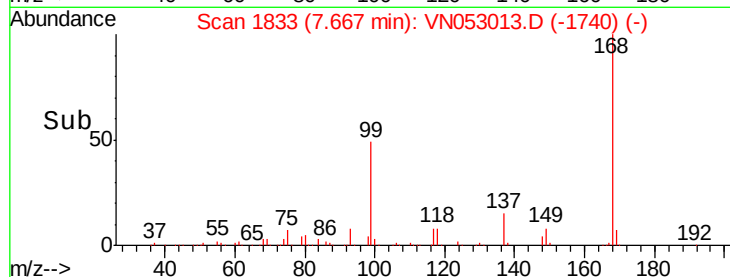
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 9.858 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053013.D

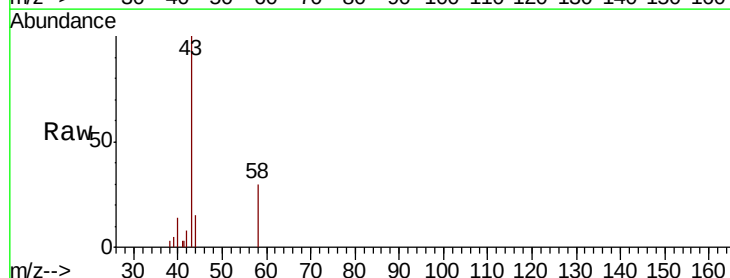
Acq: 19 Dec 2018 16:10

Tgt Ion: 43 Resp: 27269

Ion Ratio Lower Upper

43 100

58 30.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN053013.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053013.D (-541) (-)

3.82

10000

8000

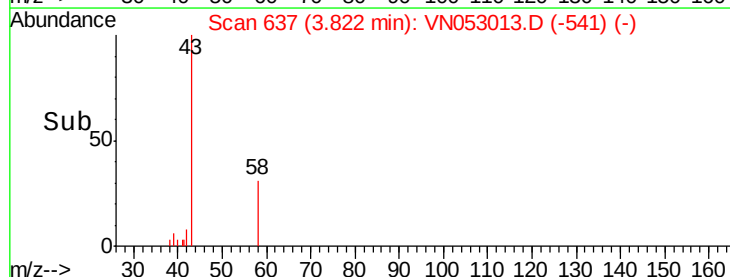
6000

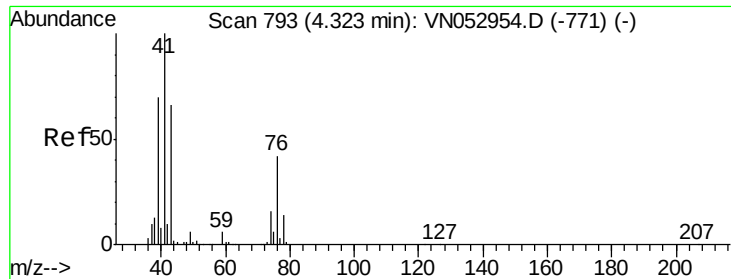
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2000

0

Time-->





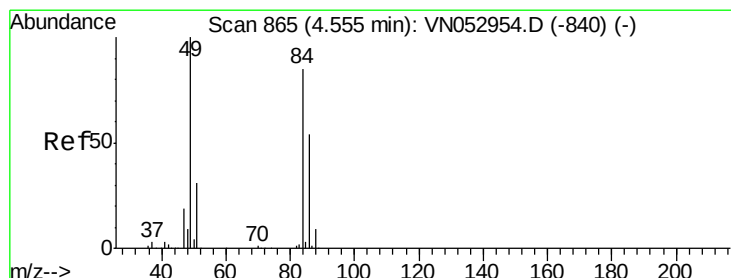
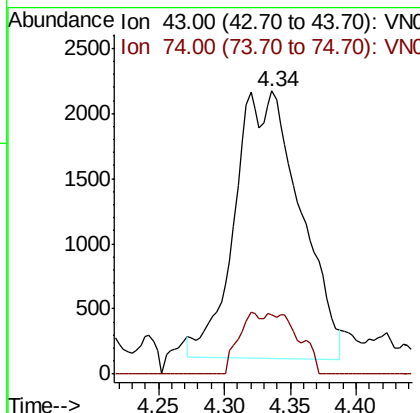
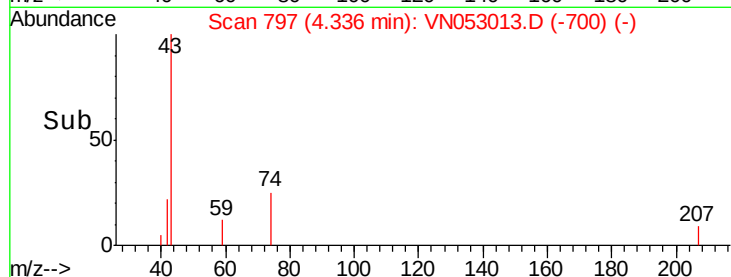
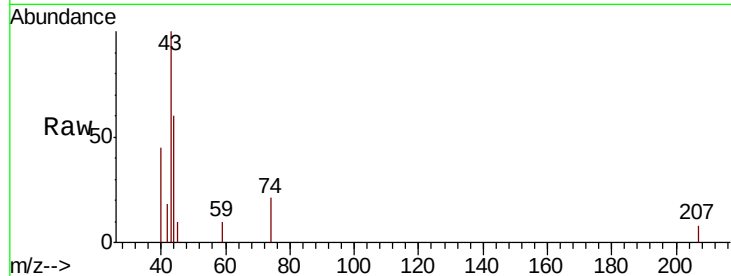
#18
Methyl Acetate
Concen: 1.543 ug/l m
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053013.D
Acq: 19 Dec 2018 16:10

Instrument :
MSVOA_N
ClientSampleId :
PB115821ZHE#03

Tot Ion: 43 Resp: 7064
Ion Ratio Lower Upper
43 100
74 7.6 19.2 28.8#

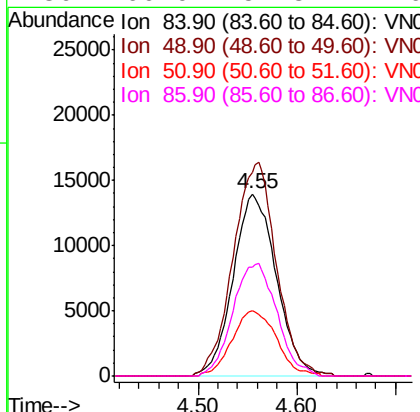
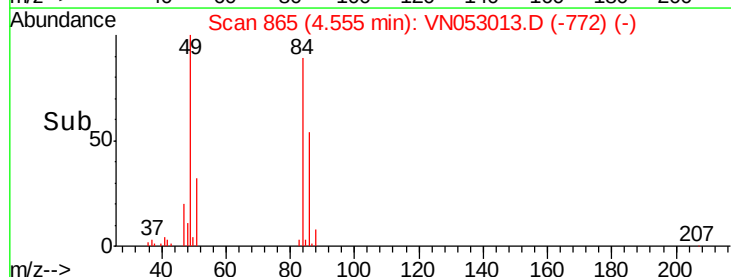
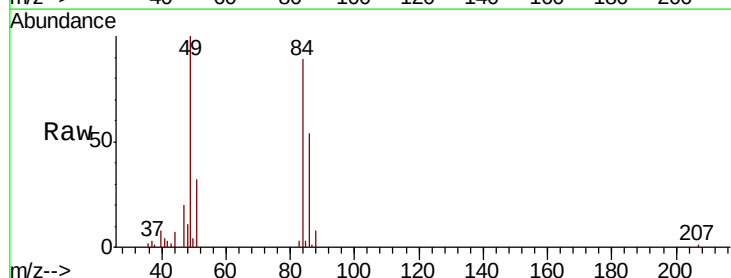
Manual Integrations
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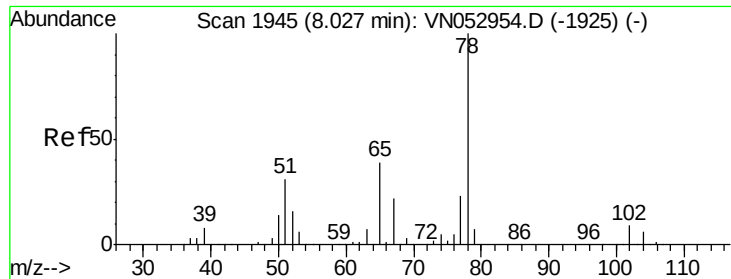
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#20
Methylene Chloride
Concen: 2.807 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053013.D
Acq: 19 Dec 2018 16:10

Tgt Ion: 84 Resp: 42349
Ion Ratio Lower Upper
84 100
49 112.1 96.8 145.2
51 35.6 29.9 44.9
86 60.0 51.8 77.6





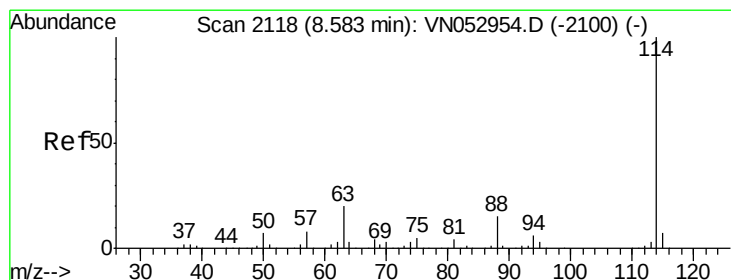
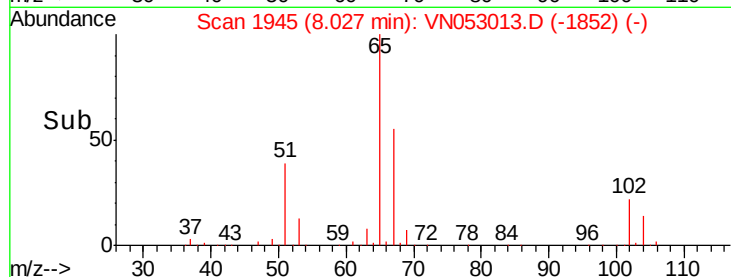
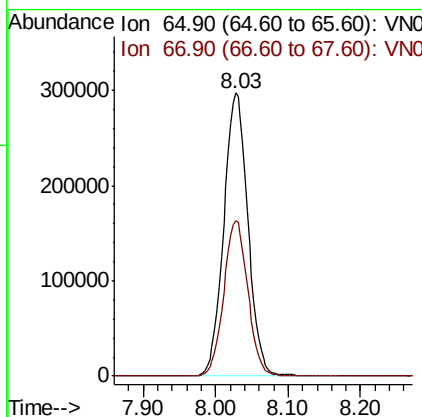
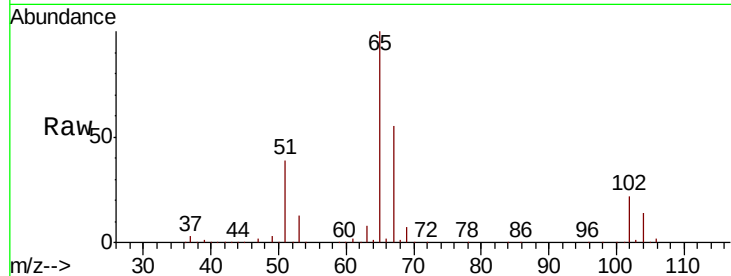
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053013.D
 Acq: 19 Dec 2018 16:10

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115821ZHE#03

Tot Ion: 65 Resp: 688957
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.4

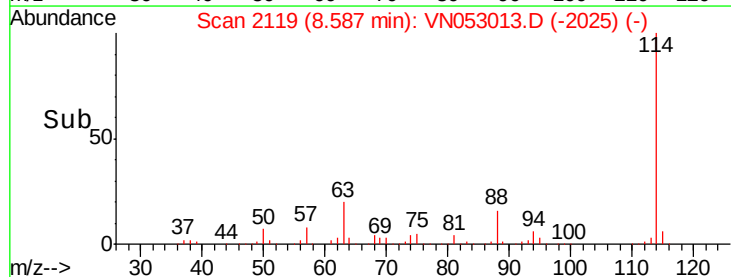
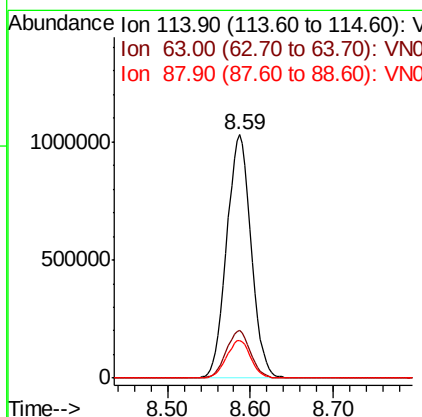
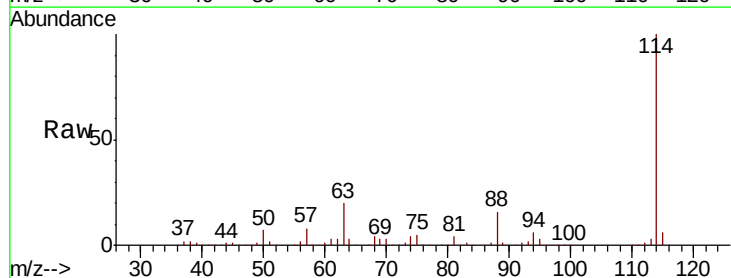
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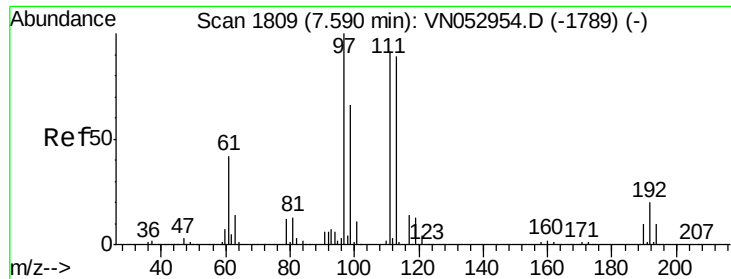
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 12/20/2018 9:34:57 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053013.D
 Acq: 19 Dec 2018 16:10

Tgt Ion: 114 Resp: 2114149
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.6 0.0 31.0





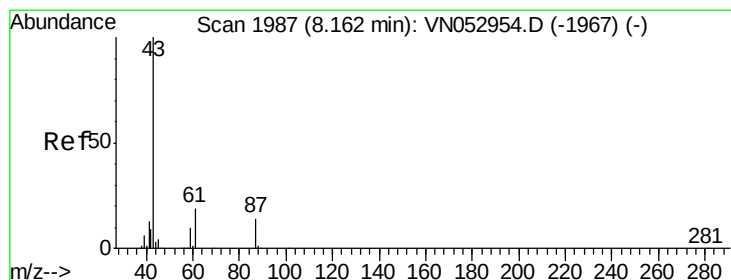
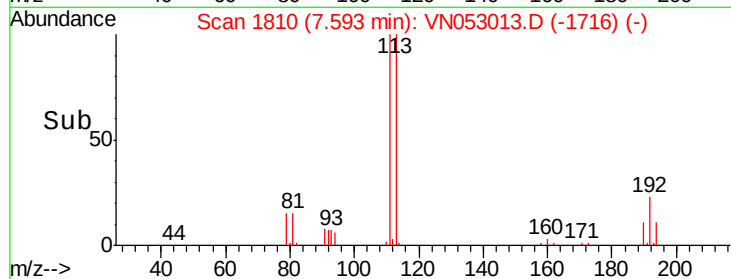
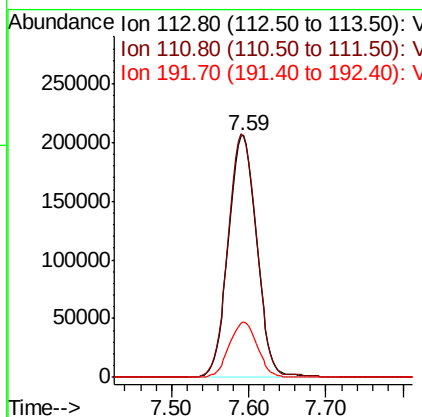
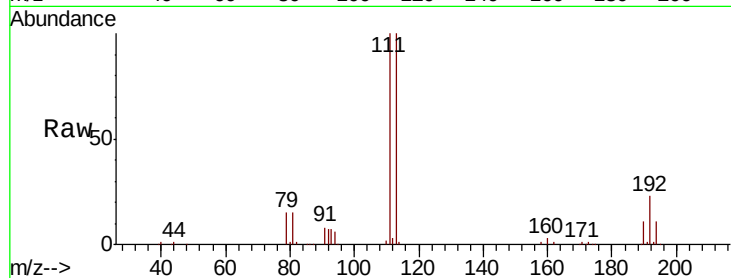
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053013.D
 Acq: 19 Dec 2018 16:10

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115821ZHE#03

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.6	83.0	124.4
192	22.6	17.5	26.3

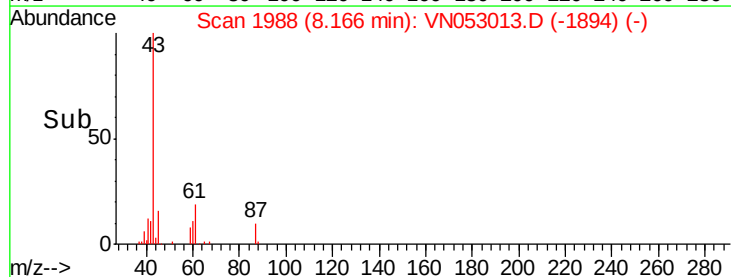
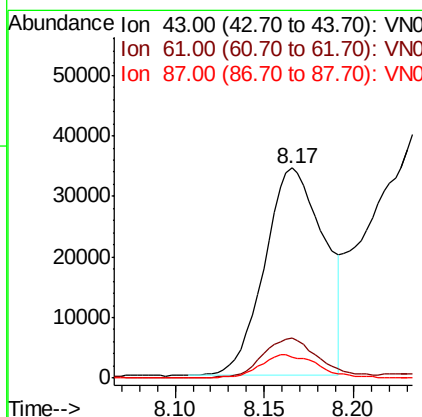
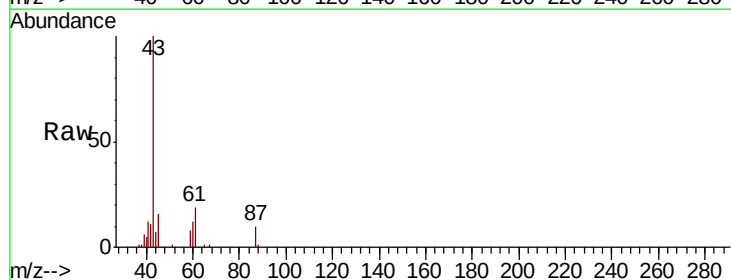
Manual Integrations
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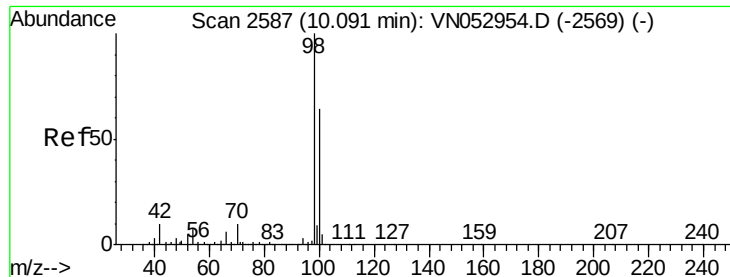
MMDadoda
 12/20/2018 9:34:57 AM



#43
 Isopropyl Acetate
 Concen: 2.657 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN053013.D
 Acq: 19 Dec 2018 16:10

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.4	22.9	34.3#
87	10.9	10.6	15.8





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053013.D

Acq: 19 Dec 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

PB115821ZHE#03

Tot Ion: 98 Resp: 2590713

Ion Ratio Lower Upper

98 100

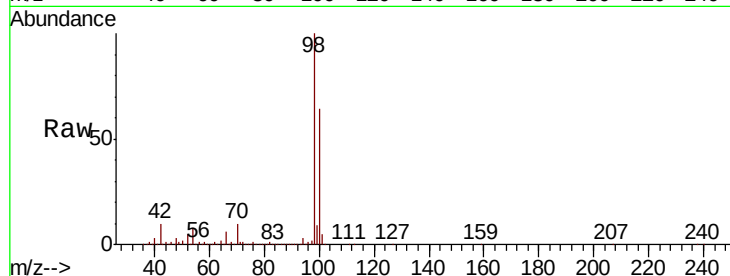
100 64.5 51.6 77.4

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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1500000

1000000

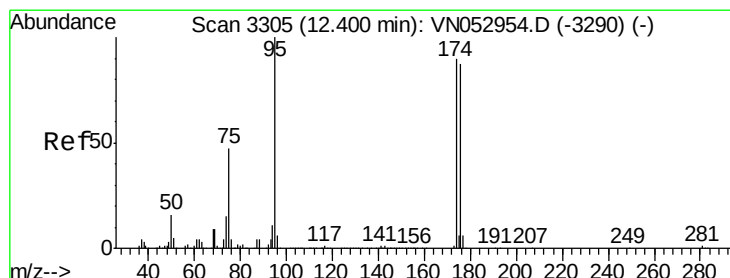
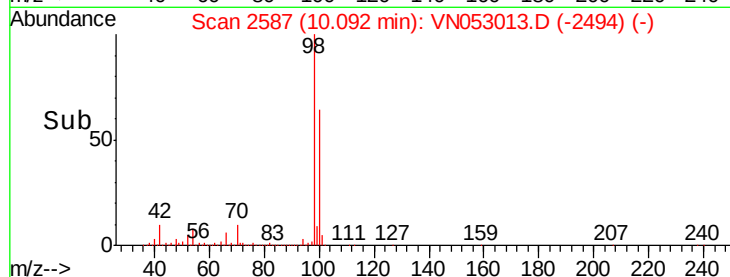
500000

0

10.09

10.00 10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053013.D

Acq: 19 Dec 2018 16:10

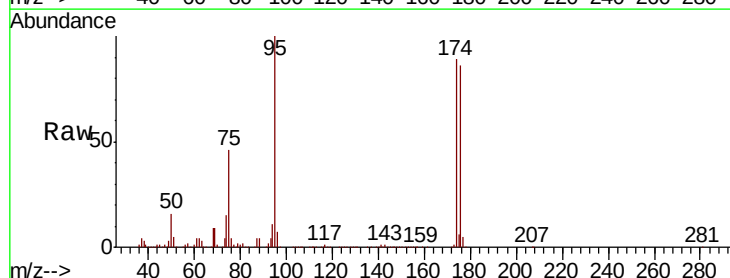
Tgt Ion: 95 Resp: 823232

Ion Ratio Lower Upper

95 100

174 89.9 0.0 178.8

176 87.1 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

600000

400000

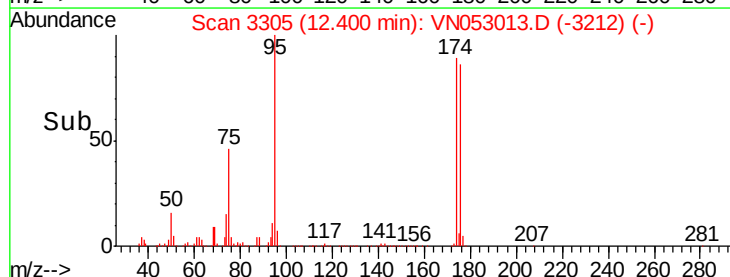
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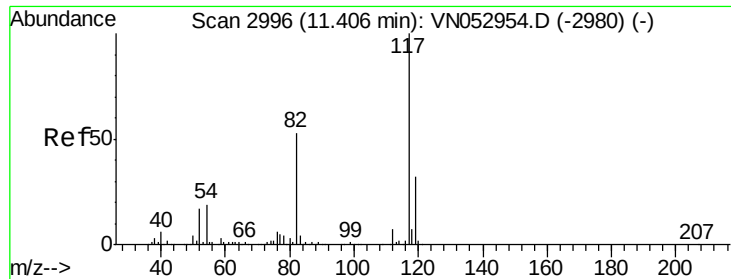
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12.40

12.30 12.40 12.50

Time-->





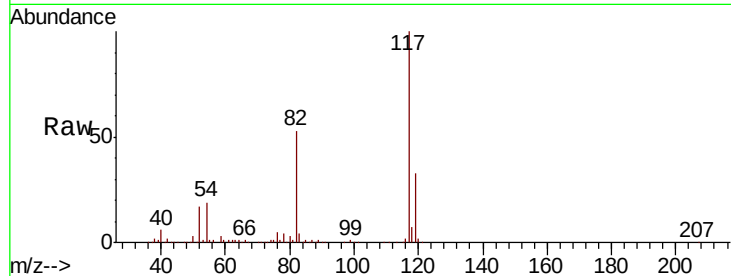
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053013.D
Acq: 19 Dec 2018 16:10

Instrument :
MSVOA_N
ClientSampleId :
PB115821ZHE#03

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.8	64.2
119	32.5	25.5	38.3

Manual Integrations
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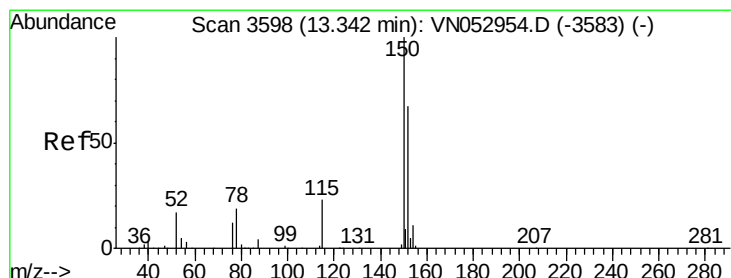
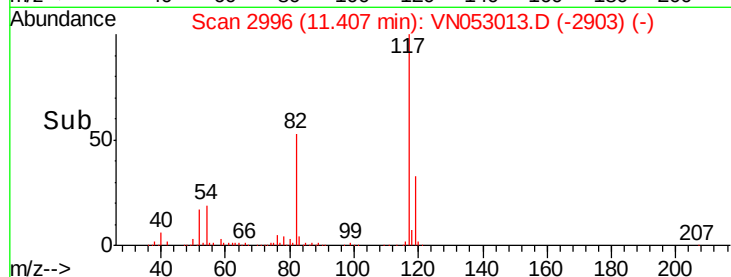
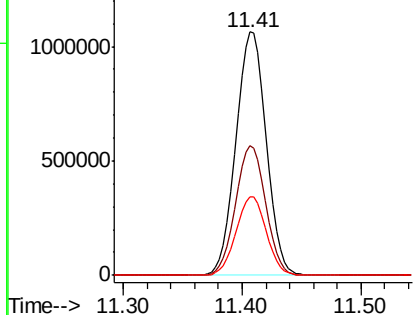


Abundance

Ion 116.90 (116.60 to 117.60): V

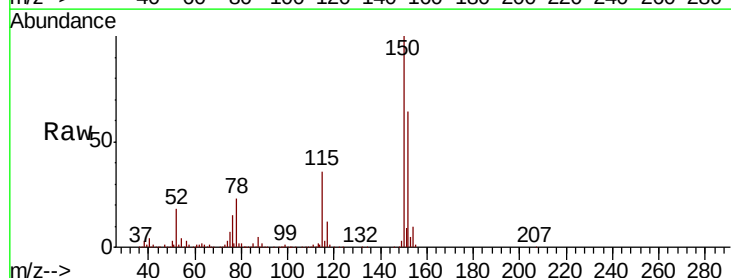
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053013.D
Acq: 19 Dec 2018 16:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.3	85.0
150	156.7	0.0	347.8



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

