

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111318\
 Data File : VN052299.D
 Acq On : 13 Nov 2018 20:50
 Operator : MD\SY
 Sample : PB114744ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114744ZHE#12

Manual Integrations
 APPROVED

MMDadoda
 11/14/2018 11:10:33 AM

Quant Time: Nov 14 02:48:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	306383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	535551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	445953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	153443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	218172	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
35) Dibromofluoromethane	7.59	113	165055	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
50) Toluene-d8	10.09	98	654924	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
62) 4-Bromofluorobenzene	12.40	95	185568	42.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.54%	
Target Compounds						
20) Methylene Chloride	4.55	84	8737m	2.287	ug/l	
43) Isopropyl Acetate	8.17	43	167568	23.645	ug/l	97

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

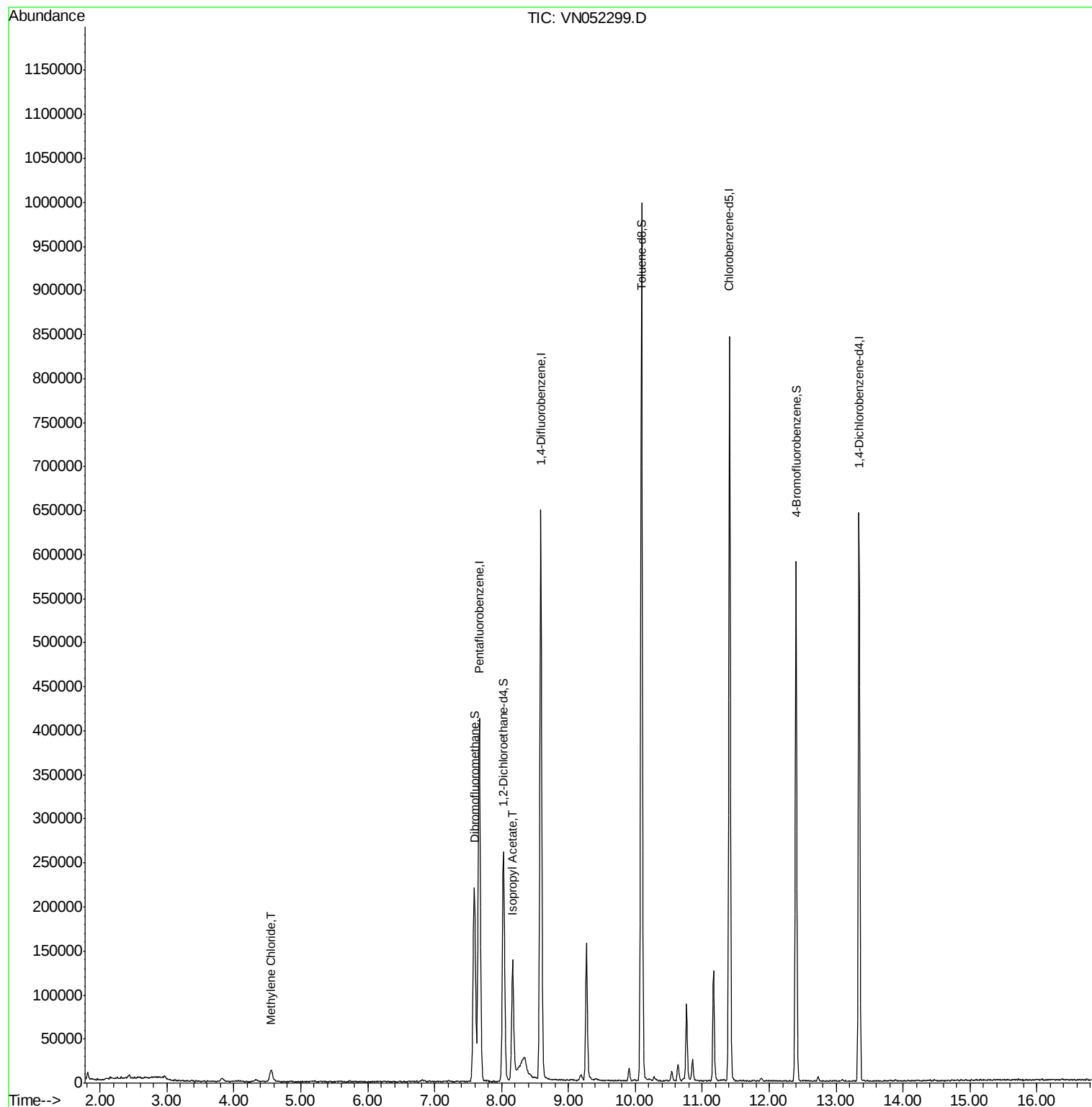
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Data File : VN052299.D
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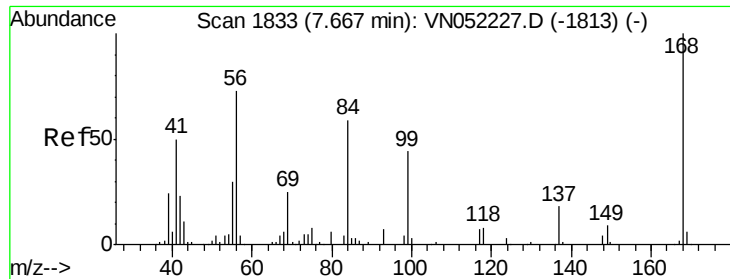
Instrument :
MSVOA_N
ClientSampleId :
PB114744ZHE#12

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11/14/2018 11:10:33 AM

Quant Time: Nov 14 02:48:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 00:34:27 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: VN052299.D

Acq: 13 Nov 2018 20:50

Instrument :

MSVOA_N

ClientSampleId :

PB114744ZHE#12

Tot Ion:168 Resp: 306383

Ion Ratio Lower Upper

168 100

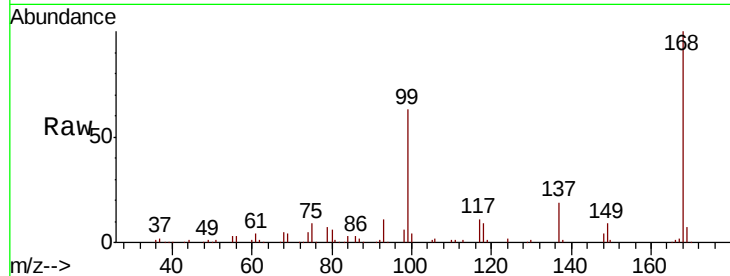
99 63.0 44.7 67.1

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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

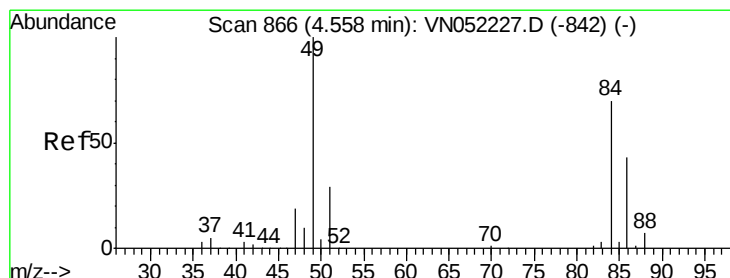
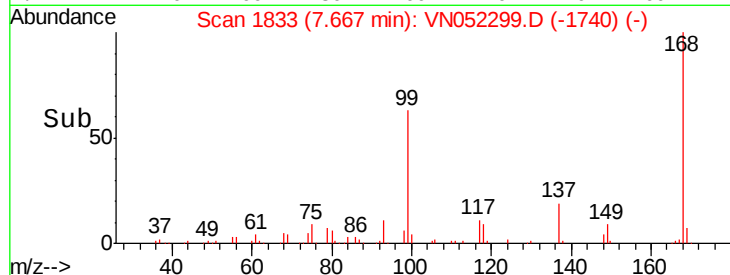
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#20

Methylene Chloride

Concen: 2.287 ug/l m

RT: 4.55 min Scan# 864

Delta R.T. -0.01 min

Lab File: VN052299.D

Acq: 13 Nov 2018 20:50

Tgt Ion: 84 Resp: 8737

Ion Ratio Lower Upper

84 100

49 150.7 114.8 172.2

51 43.3 33.1 49.7

86 67.0 49.7 74.5

Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

6000

5000

4000

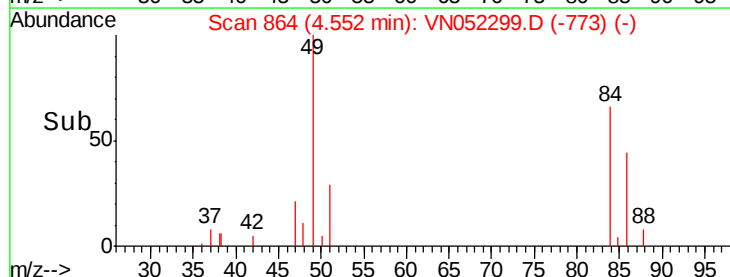
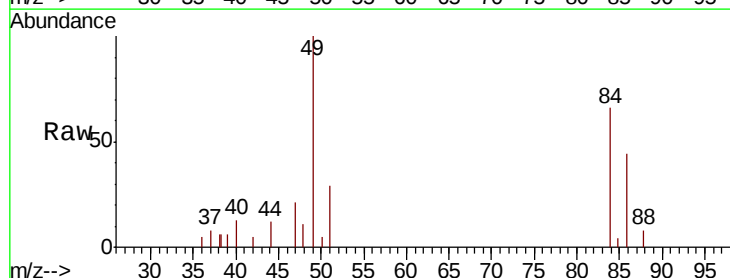
3000

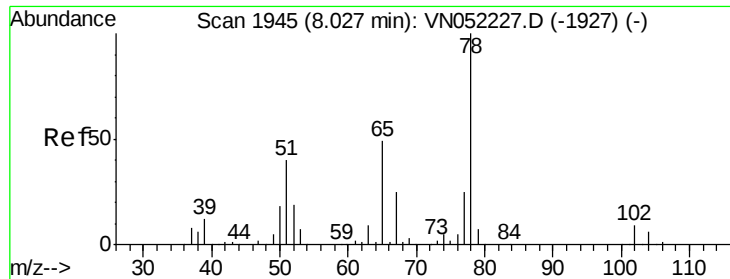
2000

1000

0

Time--> 4.50 4.55 4.60





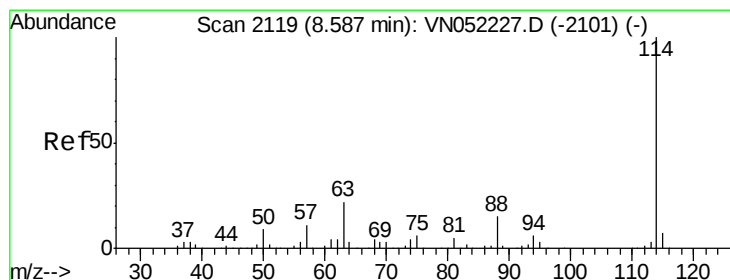
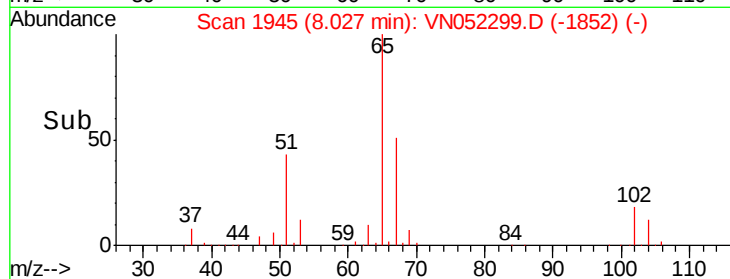
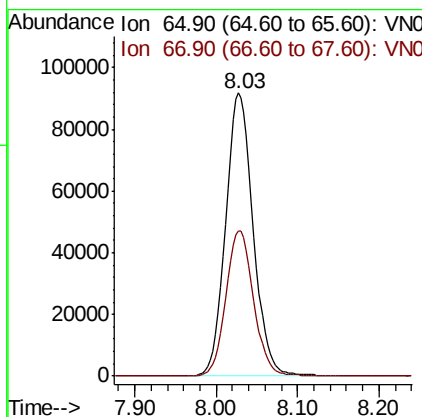
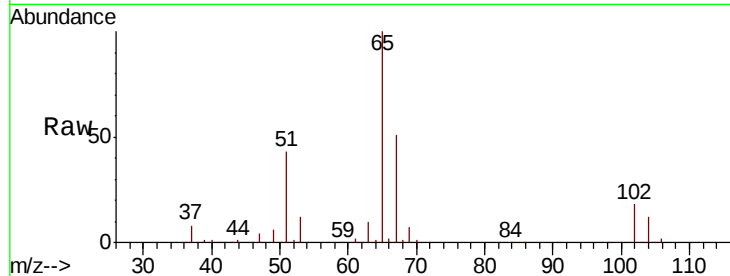
#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052299.D
 Acq: 13 Nov 2018 20:50

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114744ZHE#12

Tot Ion	Ratio	Resp	Lower	Upper
65	100	218172		
67	51.6	0.0	106.6	

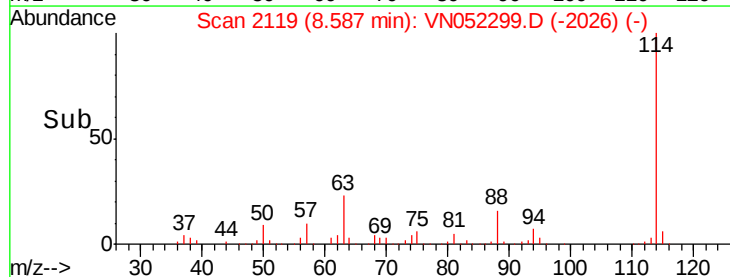
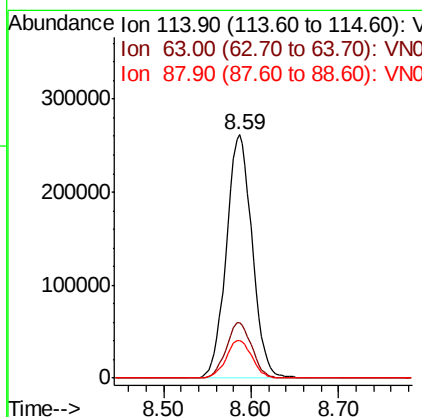
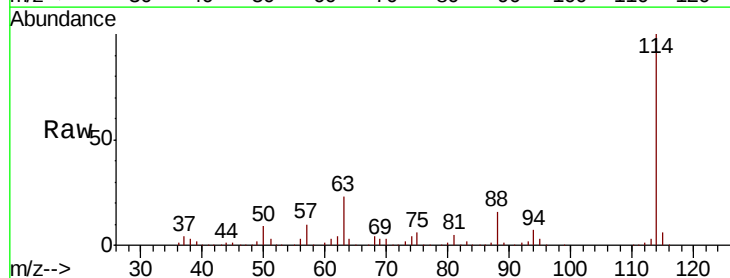
Manual Integrations
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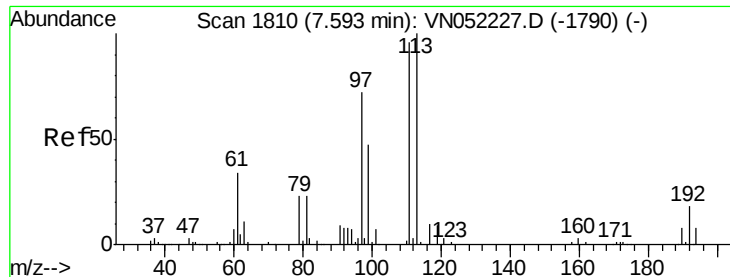
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052299.D
 Acq: 13 Nov 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	535551		
63	23.0	0.0	43.4	
88	15.5	0.0	30.2	





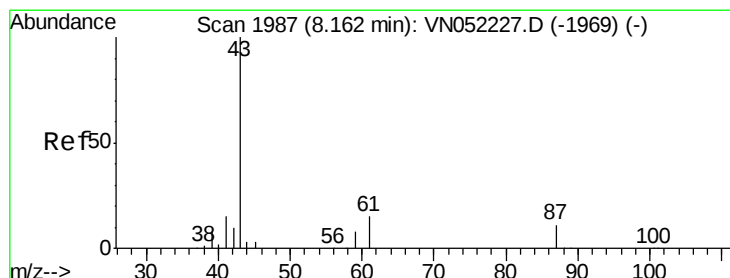
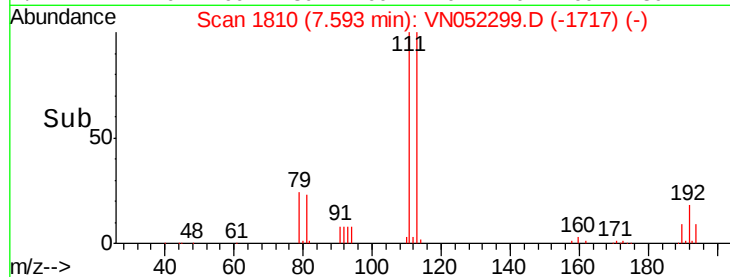
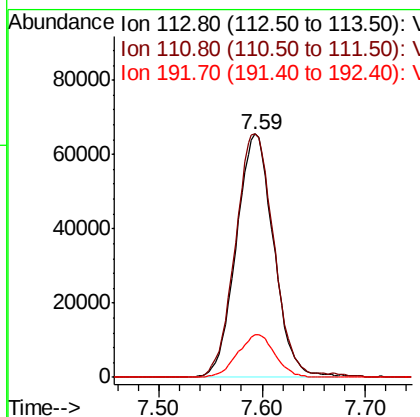
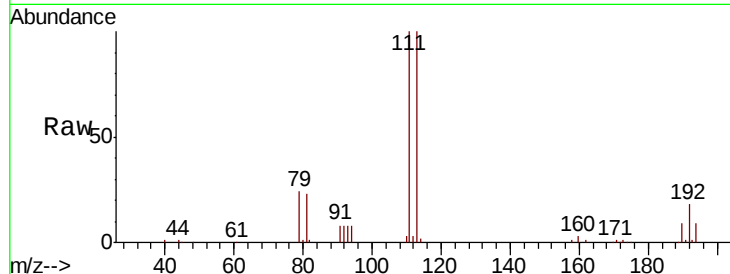
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052299.D
 Acq: 13 Nov 2018 20:50

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114744ZHE#12

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	80.2	120.4
192	17.5	14.1	21.1

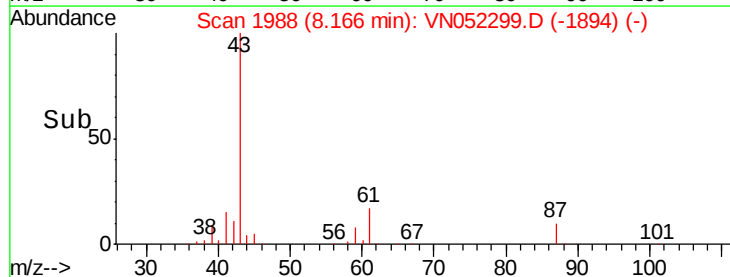
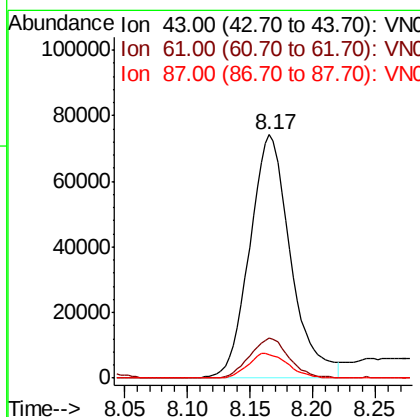
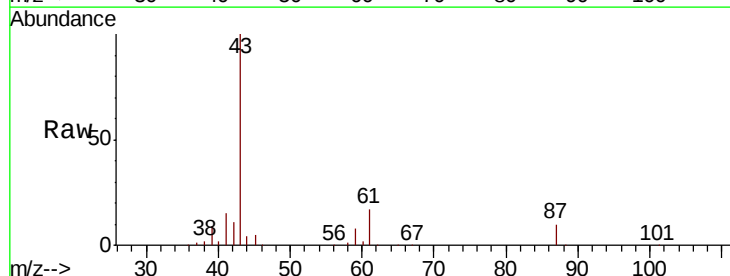
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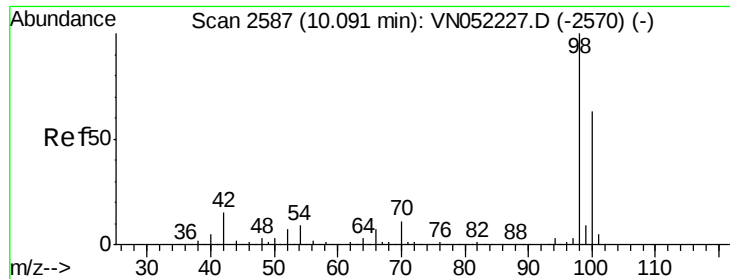
MMDadoda
 11/14/2018 11:10:33 AM



#43
 Isopropyl Acetate
 Concen: 23.645 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052299.D
 Acq: 13 Nov 2018 20:50

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.0	14.2	21.4
87	10.0	8.4	12.6





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052299.D

Acq: 13 Nov 2018 20:50

Instrument :

MSVOA_N

ClientSampleId :

PB114744ZHE#12

Tot Ion: 98 Resp: 654924

Ion Ratio Lower Upper

98 100

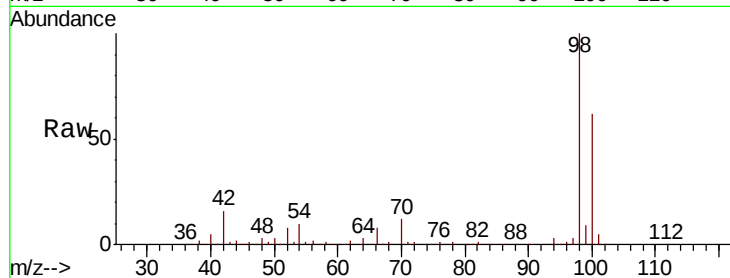
100 62.0 50.2 75.2

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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

400000

300000

200000

100000

0

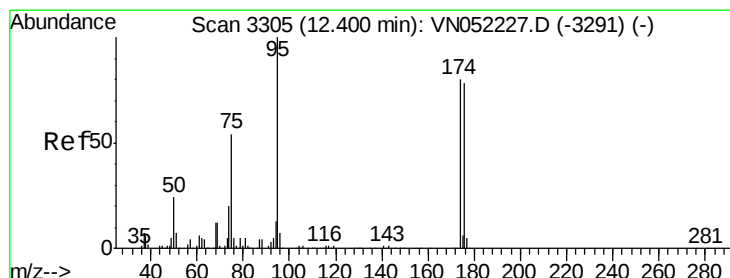
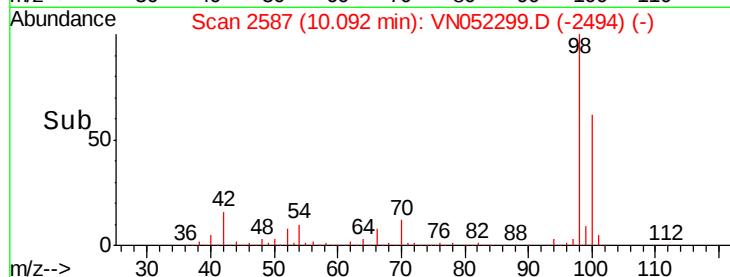
10.09

10.00

10.10

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052299.D

Acq: 13 Nov 2018 20:50

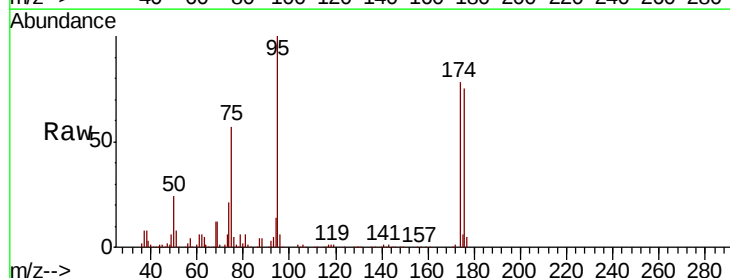
Tgt Ion: 95 Resp: 185568

Ion Ratio Lower Upper

95 100

174 78.0 0.0 159.4

176 74.9 0.0 157.8



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

150000

100000

50000

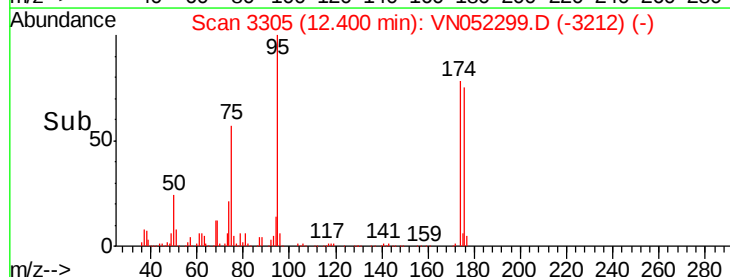
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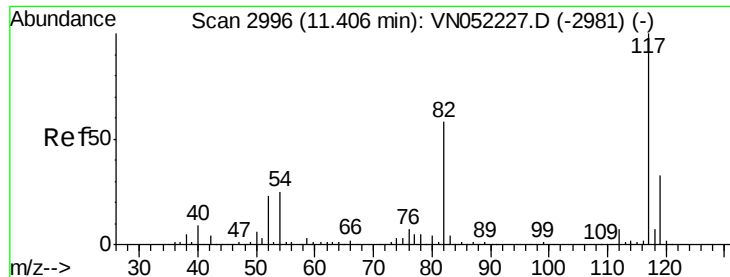
12.40

12.35

12.45

Time-->





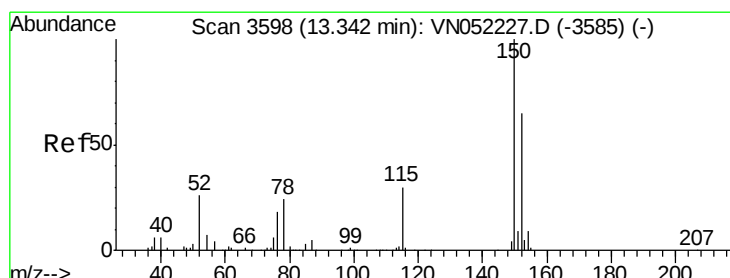
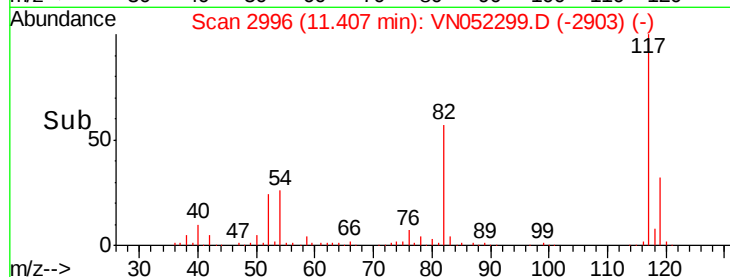
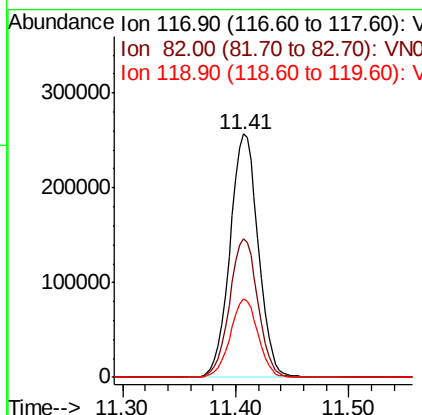
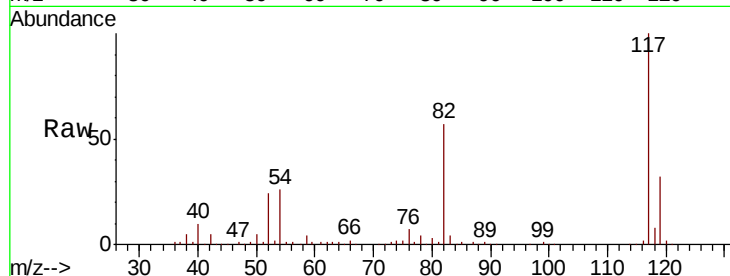
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052299.D
Acq: 13 Nov 2018 20:50

Instrument :
MSVOA_N
ClientSampleId :
PB114744ZHE#12

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	46.2	69.2
119	32.0	26.2	39.4

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052299.D
Acq: 13 Nov 2018 20:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	29.8	89.5
150	159.1	0.0	350.2

