

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111218\
 Data File : VN052262.D
 Acq On : 12 Nov 2018 15:11
 Operator : MD\SY
 Sample : PB114678ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114678ZHE#06

Manual Integrations
 APPROVED

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 11/13/2018 2:54:35 PM

Quant Time: Nov 13 01:09:59 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	321666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	538402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	472625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	174433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	213397	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
35) Dibromofluoromethane	7.59	113	169179	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
50) Toluene-d8	10.09	98	675068	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.40	95	205431	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
Target Compounds						
20) Methylene Chloride	4.56	84	9056m	2.258	ug/l	Qvalue
43) Isopropyl Acetate	8.17	43	25359	3.559	ug/l	99

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

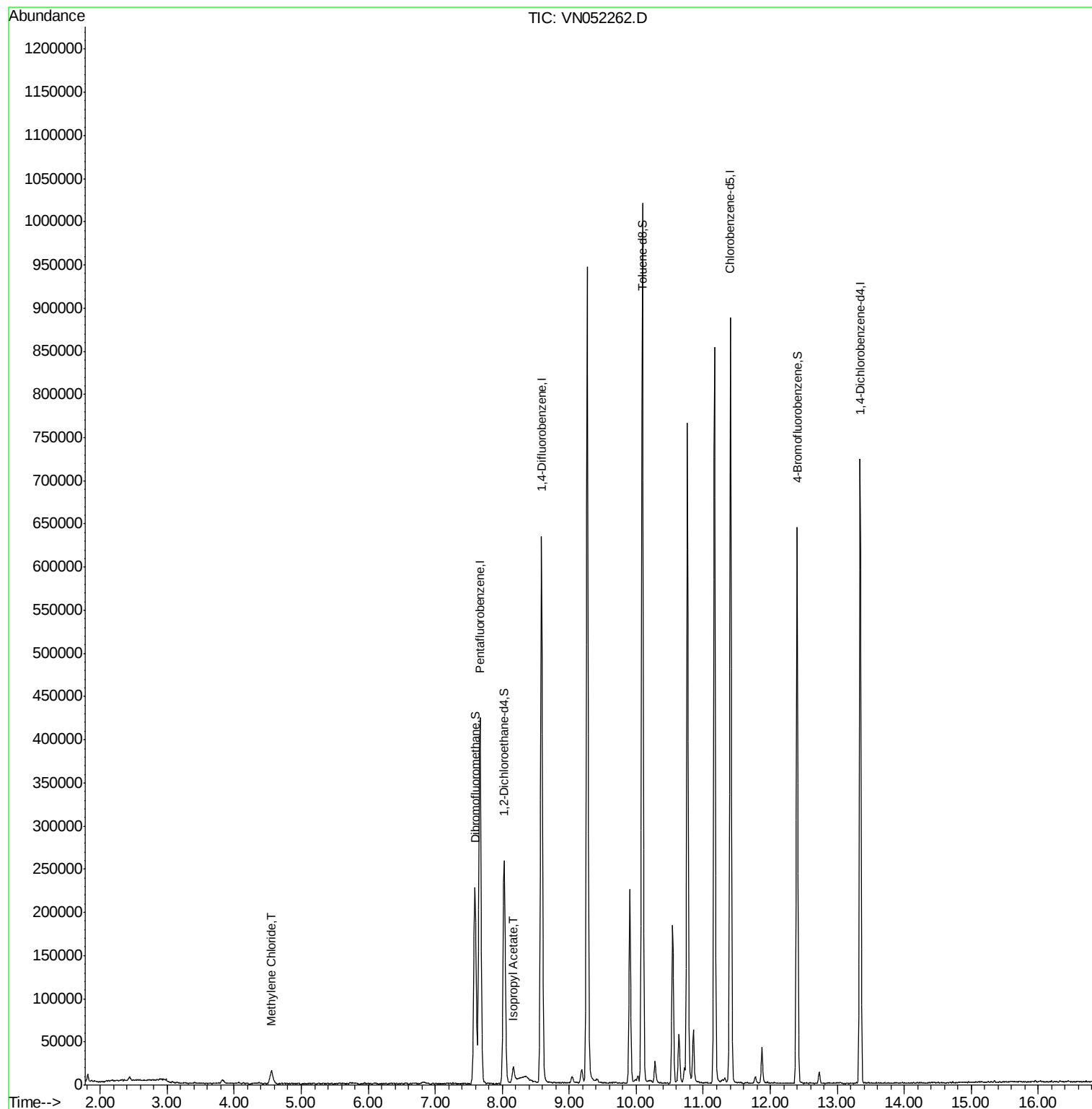
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111218\
Data File : VN052262.D
Acq On : 12 Nov 2018 15:11
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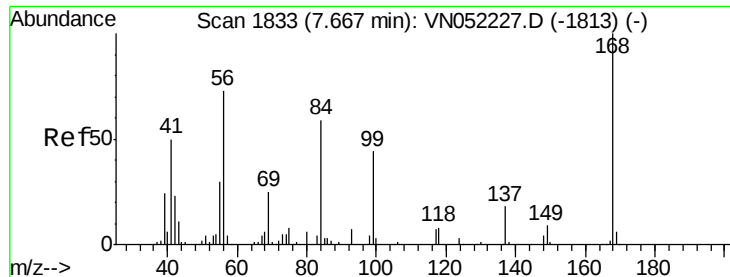
Instrument :
MSVOA_N
ClientSampleId :
PB114678ZHE#06

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Quant Time: Nov 13 01:09:59 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: VN052262.D

Acq: 12 Nov 2018 15:11

Instrument :

MSVOA_N

ClientSampleId :

PB114678ZHE#06

Tot Ion:168 Resp: 321666

Ion Ratio Lower Upper

168 100

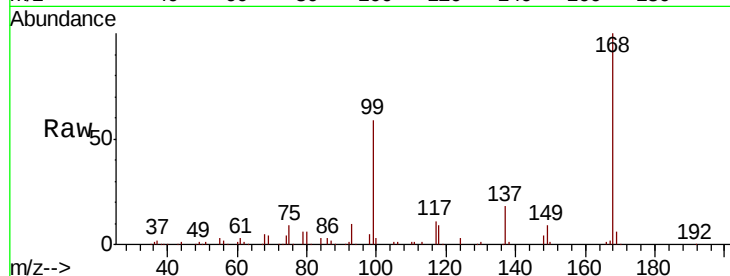
99 59.2 44.7 67.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

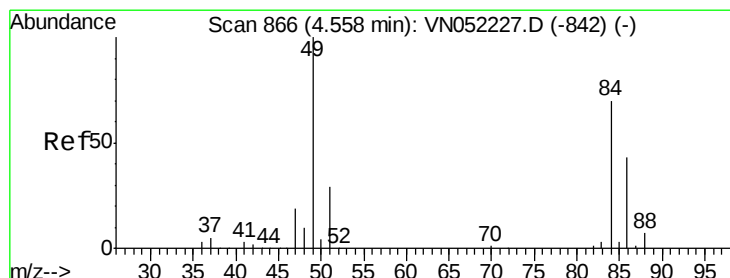
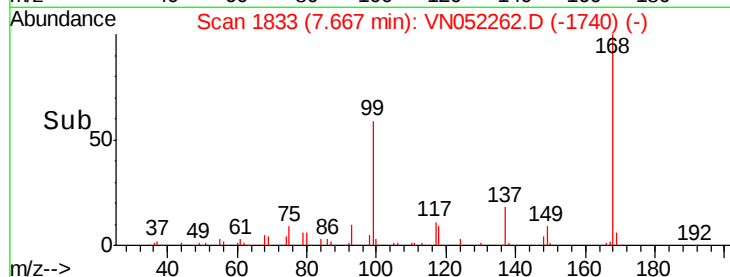
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.258 ug/l m

RT: 4.56 min Scan# 867

Delta R.T. 0.00 min

Lab File: VN052262.D

Acq: 12 Nov 2018 15:11

Tgt Ion: 84 Resp: 9056

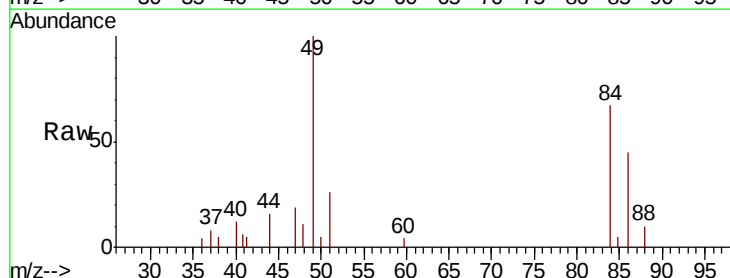
Ion Ratio Lower Upper

84 100

49 149.4 114.8 172.2

51 38.8 33.1 49.7

86 66.6 49.7 74.5



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

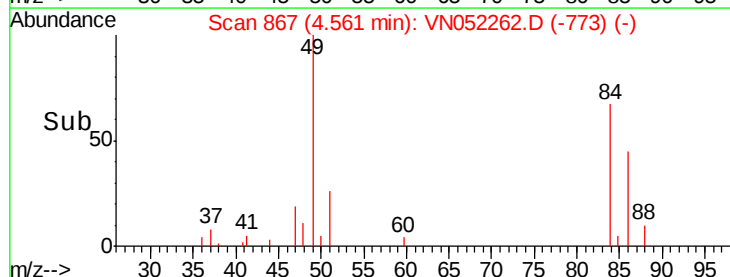
6000

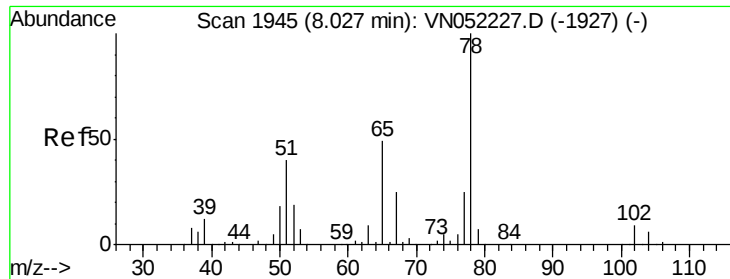
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2000

0

Time-->





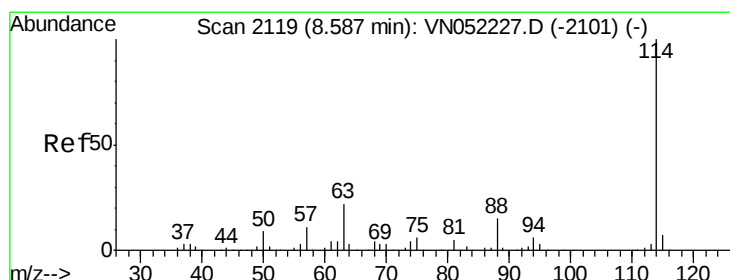
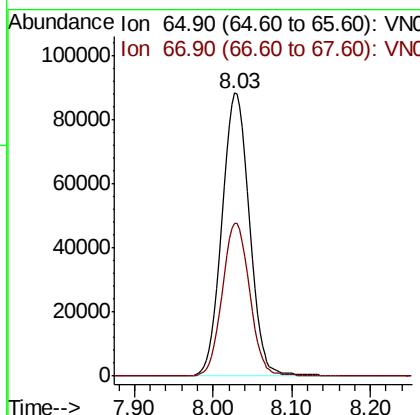
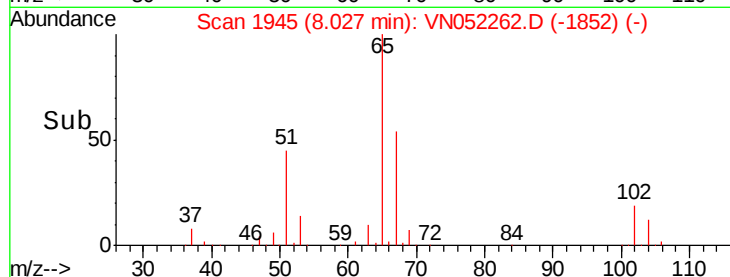
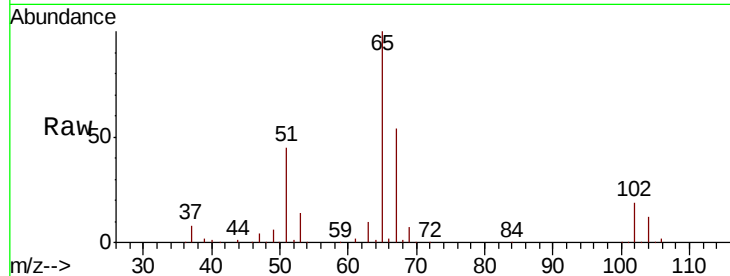
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052262.D
 Acq: 12 Nov 2018 15:11

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114678ZHE#06

Tot Ion	Ratio	Resp	Lower	Upper
65	100	213397		
67	53.9	0.0	106.6	

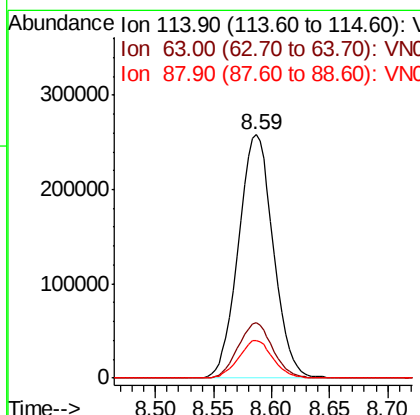
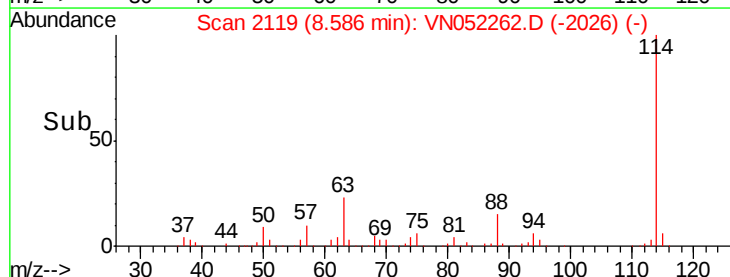
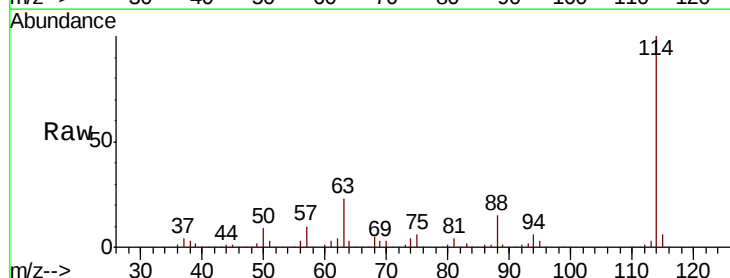
Manual Integrations
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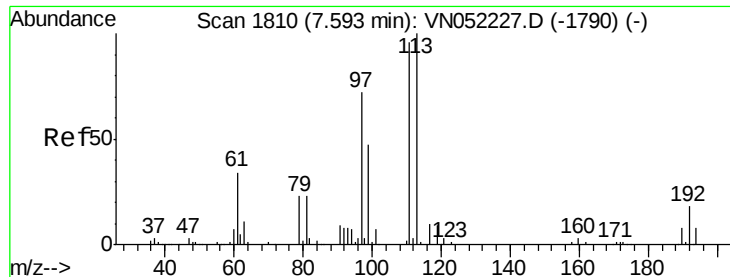
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052262.D
 Acq: 12 Nov 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	538402		
63	22.7	0.0	43.4	
88	15.4	0.0	30.2	





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN052262.D

Acq: 12 Nov 2018 15:11

Instrument :

MSVOA_N

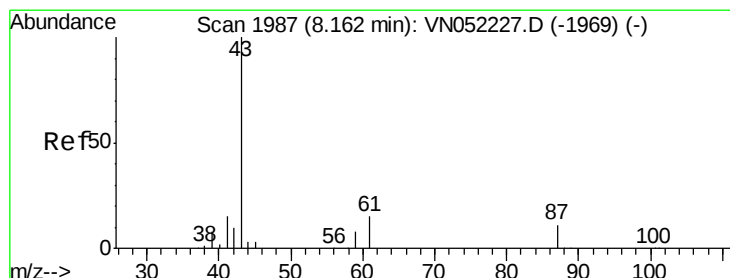
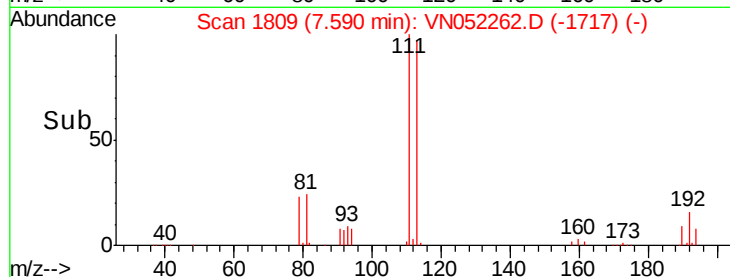
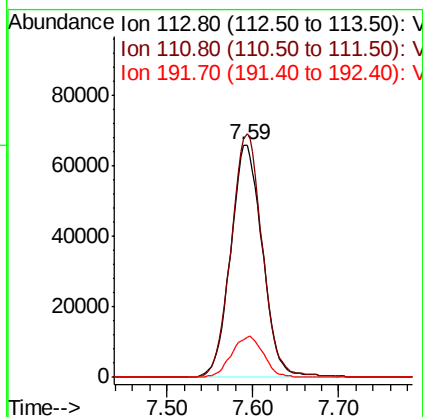
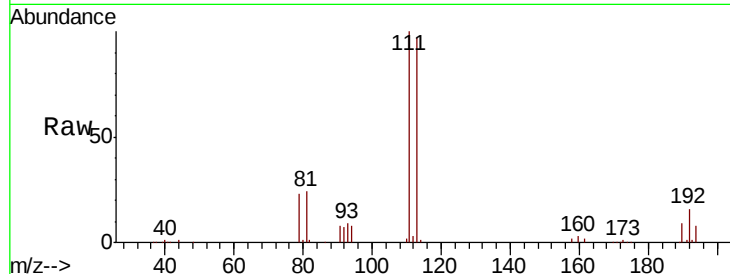
ClientSampleId :

PB114678ZHE#06

Tot Ion:	113	Resp:	169179
Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.2	120.4
192	17.8	14.1	21.1

Manual Integrations
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#43

Isopropyl Acetate

Concen: 3.559 ug/l

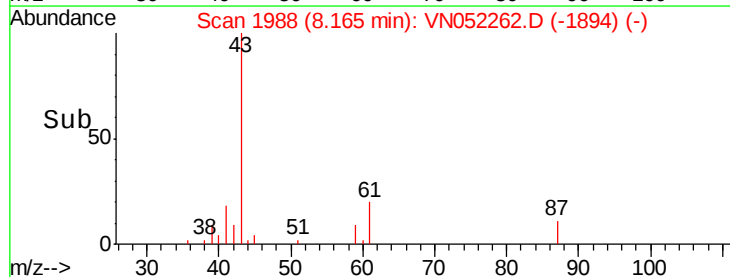
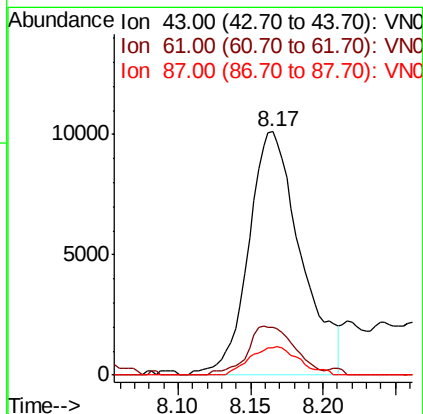
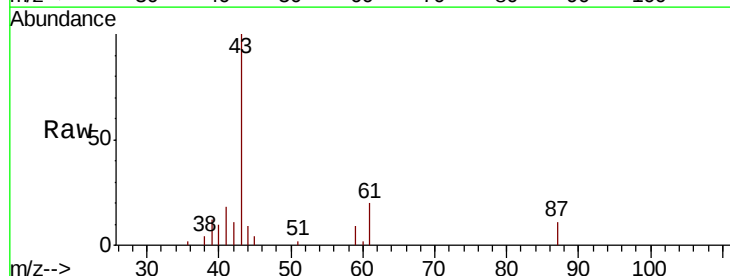
RT: 8.17 min Scan# 1988

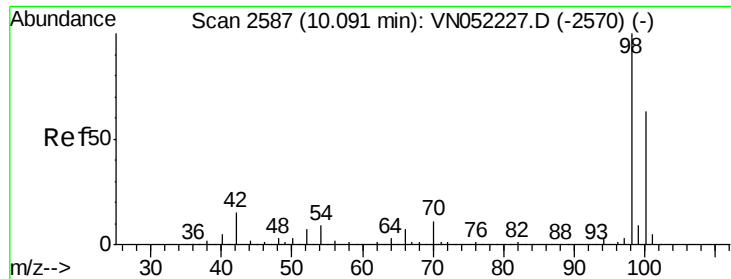
Delta R.T. 0.00 min

Lab File: VN052262.D

Acq: 12 Nov 2018 15:11

Tgt Ion:	43	Resp:	25359
Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.2	21.4
87	10.9	8.4	12.6





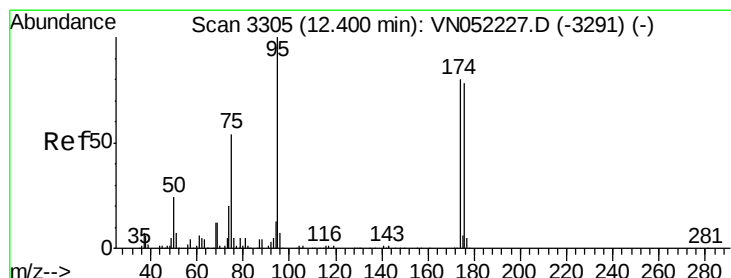
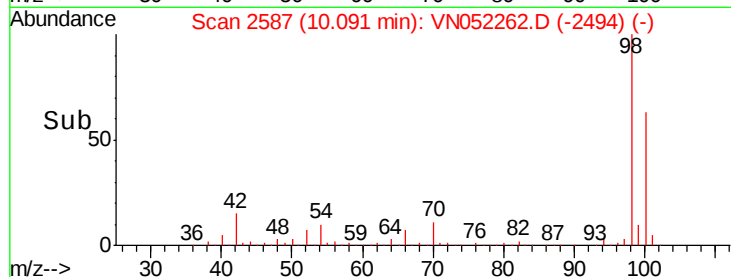
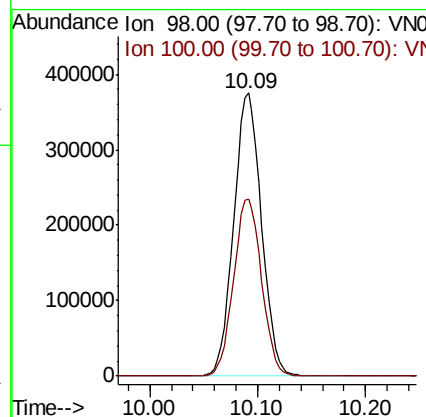
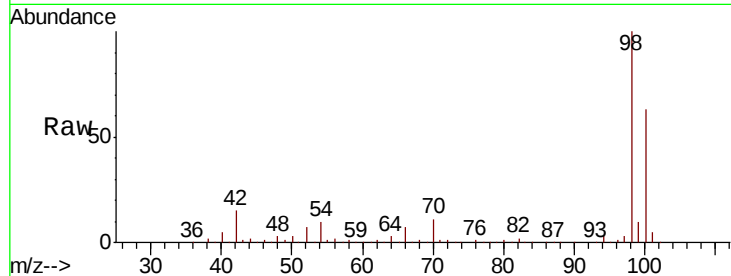
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052262.D
Acq: 12 Nov 2018 15:11

Instrument :
MSVOA_N
ClientSampleId :
PB114678ZHE#06

Tot Ion: 98 Resp: 675068
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2

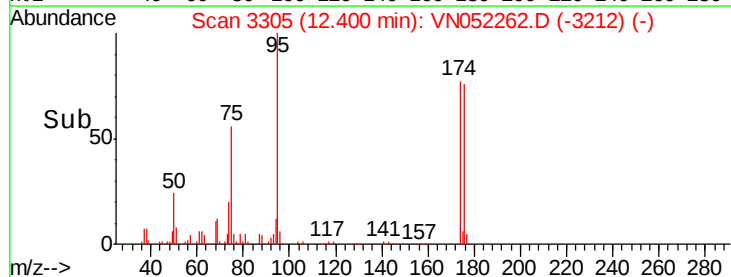
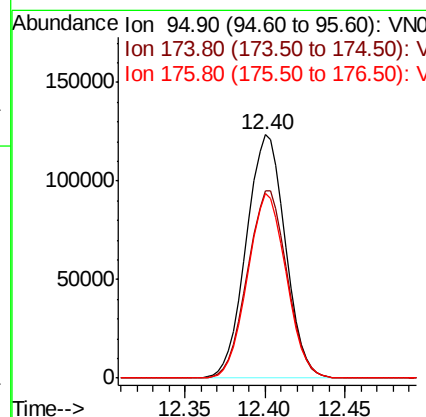
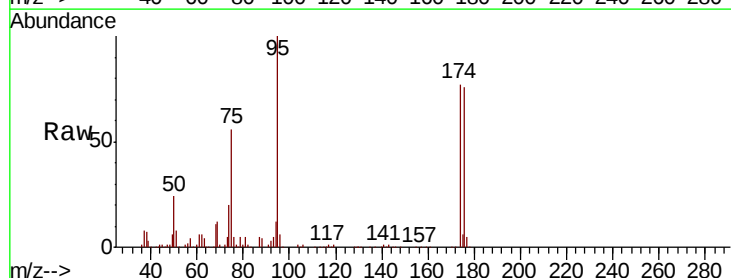
Manual Integrations
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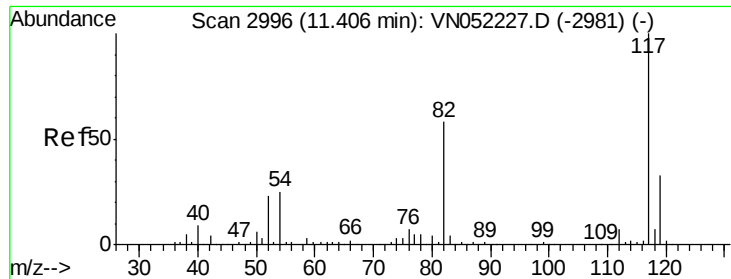
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#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052262.D
Acq: 12 Nov 2018 15:11

Tgt Ion: 95 Resp: 205431
Ion Ratio Lower Upper
95 100
174 78.3 0.0 159.4
176 75.3 0.0 157.8





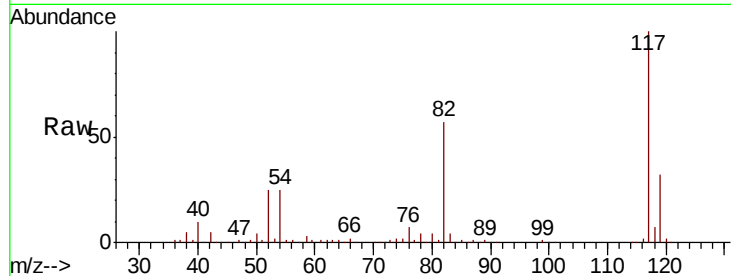
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052262.D
Acq: 12 Nov 2018 15:11

Instrument :
MSVOA_N
ClientSampleId :
PB114678ZHE#06

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	46.2	69.2
119	32.1	26.2	39.4

Manual Integrations
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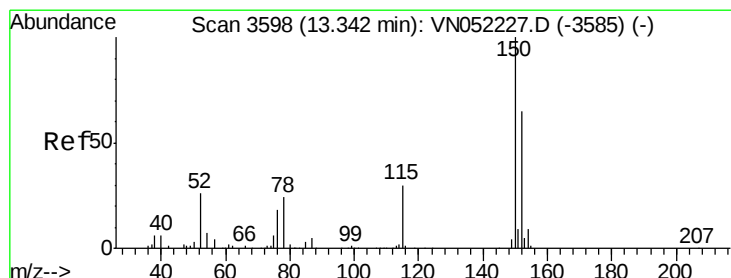
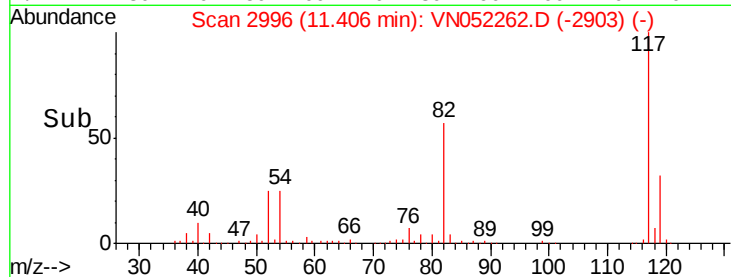
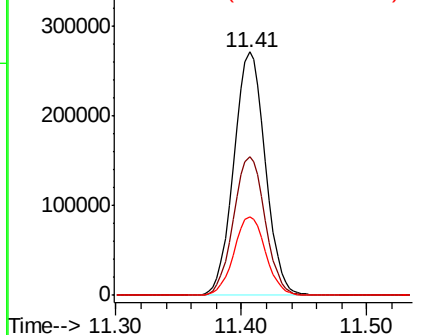


Abundance

Ion 116.90 (116.60 to 117.60): V

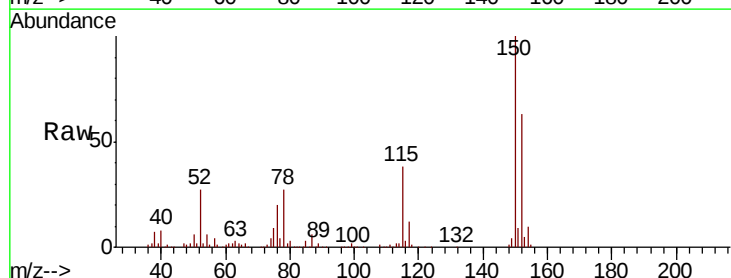
Ion 82.00 (81.70 to 82.70): V

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: VN052262.D
Acq: 12 Nov 2018 15:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	29.8	89.5
150	158.9	0.0	350.2



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

