

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101019\
 Data File : VN058648.D
 Acq On : 9 Oct 2019 18:26
 Operator : JC/SP
 Sample : PB12371TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB12371TB

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 3:20:27 PM

Quant Time: Oct 10 05:04:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	431057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	682454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	608550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	236408	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	307683	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
35) Dibromofluoromethane	7.57	113	223832	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
50) Toluene-d8	10.08	98	886180	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
62) 4-Bromofluorobenzene	12.41	95	285446	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
Target Compounds						
20) Methylene Chloride	4.53	84	8710m	1.758	ug/l	Qvalue
43) Isopropyl Acetate	8.15	43	104535	10.048	ug/l	100

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

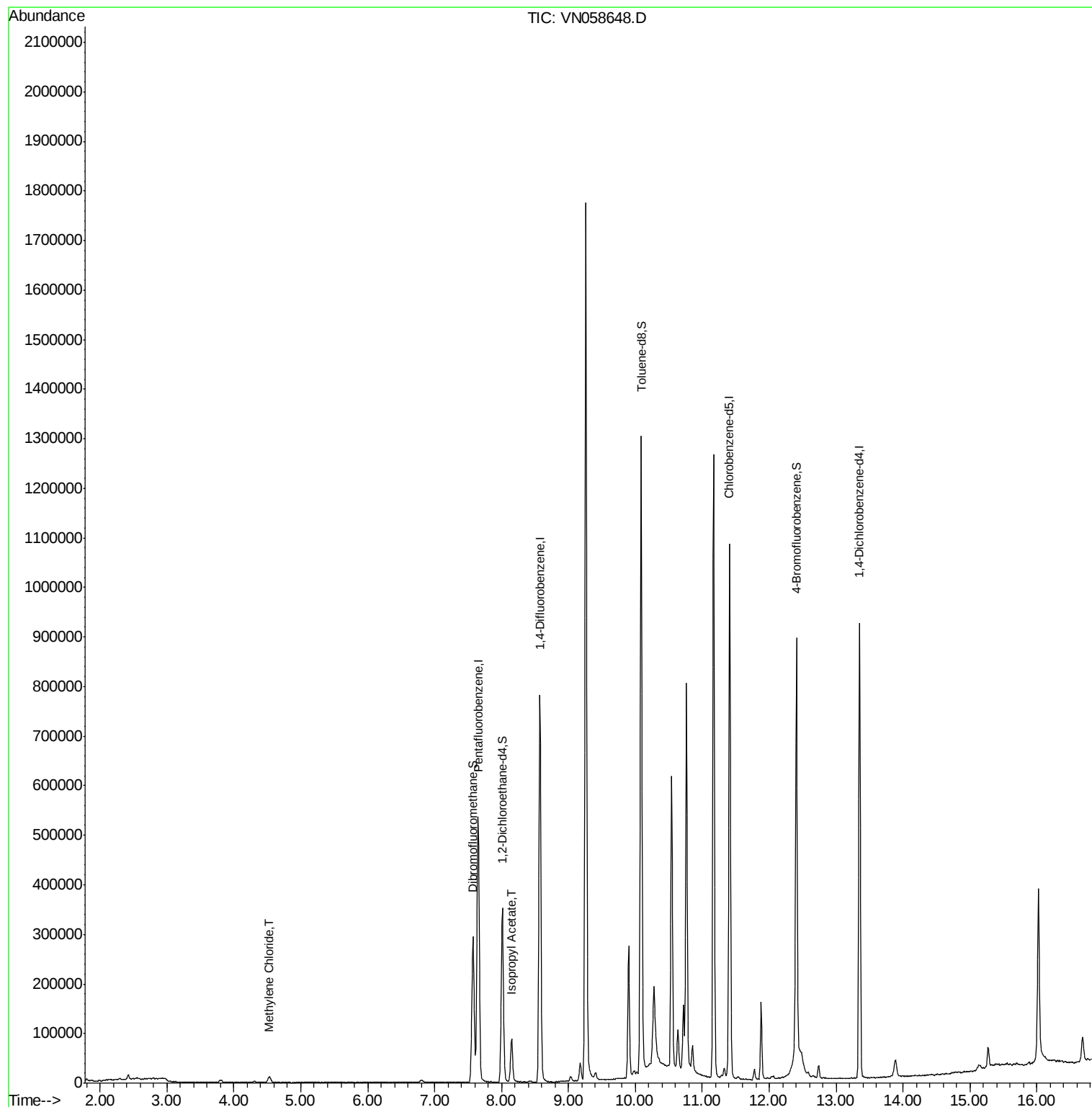
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101019\
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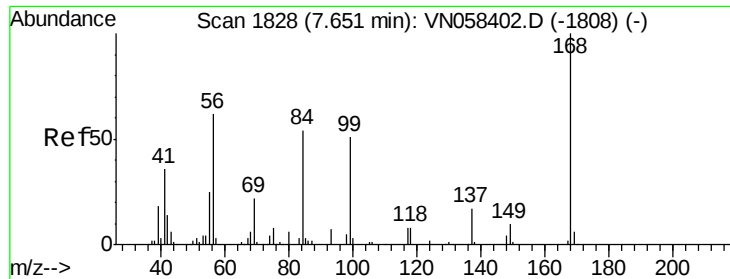
Instrument :
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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058648.D

Acq: 9 Oct 2019 18:26

Instrument :

MSVOA_N

ClientSampleId :

PB12371TB

Tot Ion:168 Resp: 431057

Ion Ratio Lower Upper

168 100

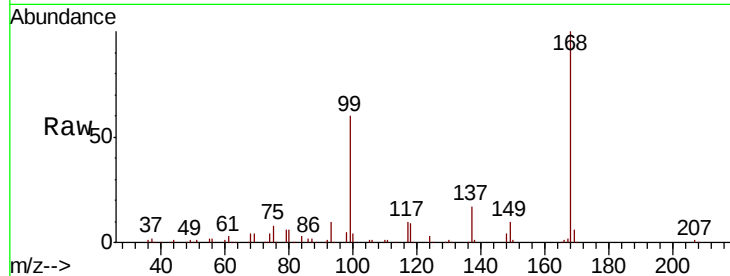
99 59.6 47.7 71.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

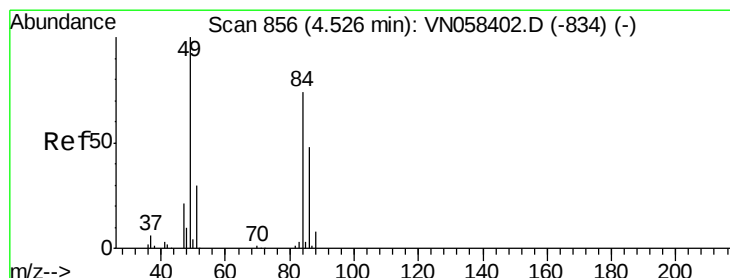
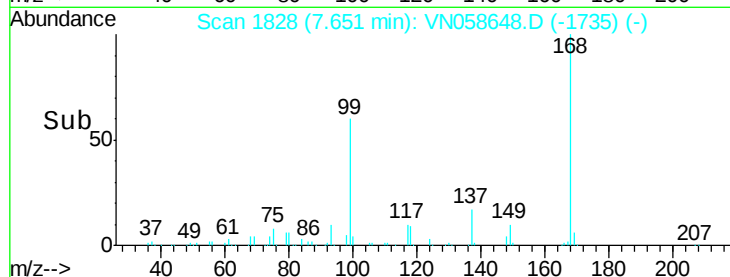
100000

50000

0

7.60 7.70 7.80

Time-->



#20

Methylene Chloride

Concen: 1.758 ug/l m

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN058648.D

Acq: 9 Oct 2019 18:26

Tgt Ion: 84 Resp: 8710

Ion Ratio Lower Upper

84 100

49 138.9 107.9 161.9

51 48.6 32.8 49.2

86 64.2 51.5 77.3

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

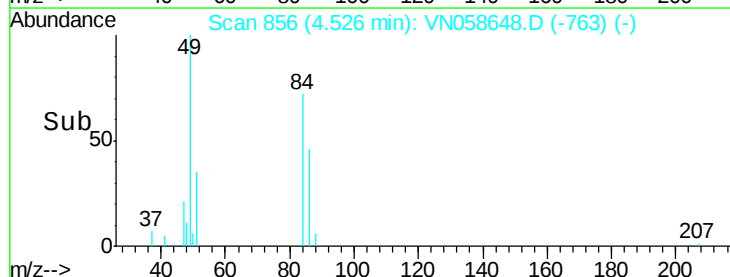
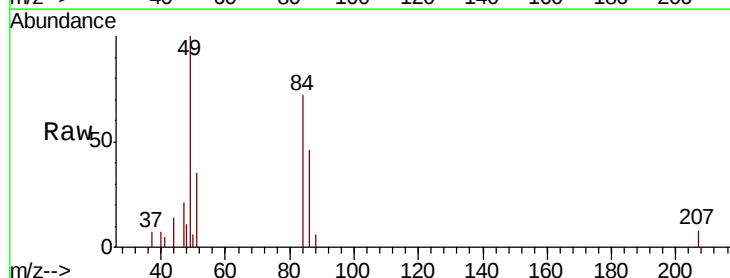
2000

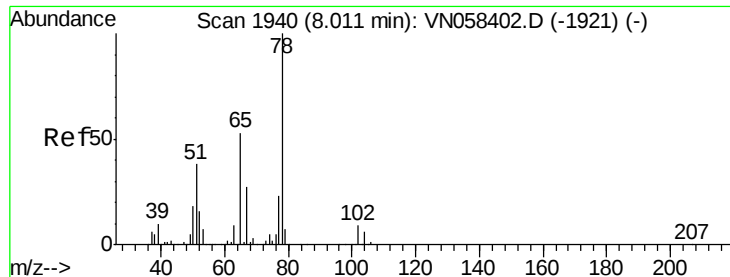
1000

0

4.45 4.50 4.55 4.60

Time-->





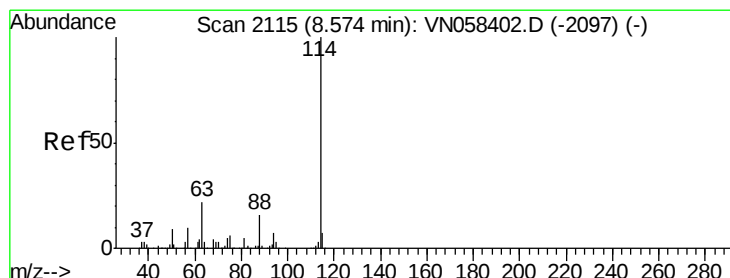
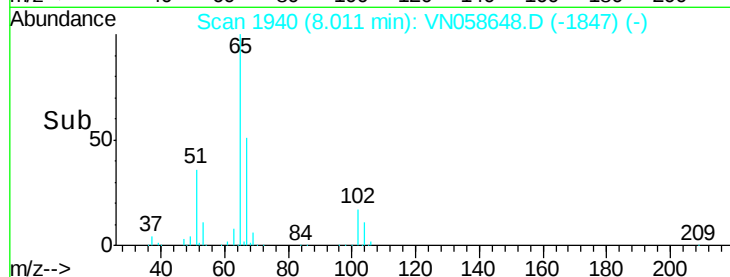
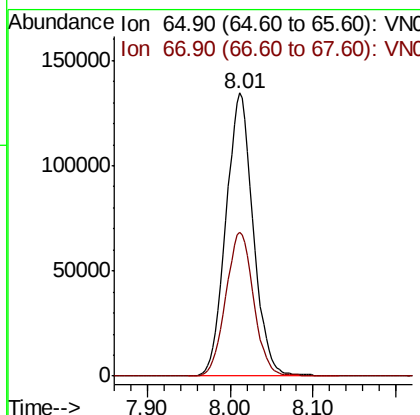
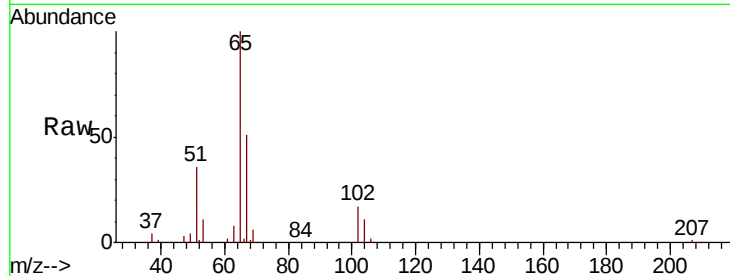
#33
 1,2-Dichloroethane-d4
 Concen: 48.845 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058648.D
 Acq: 9 Oct 2019 18:26

Instrument :
 MSVOA_N
 ClientSampleId :
 PB12371TB

Tot Ion	Ratio	Resp	Lower	Upper
65	100	307683		
67	52.0	0.0	102.4	

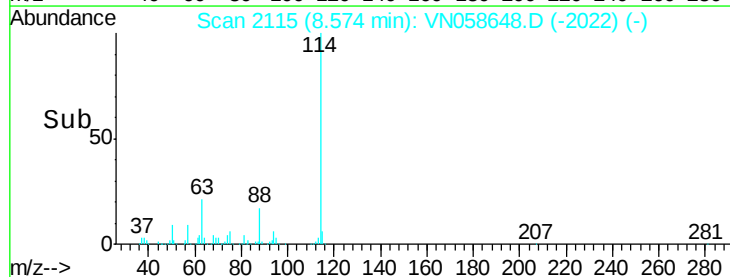
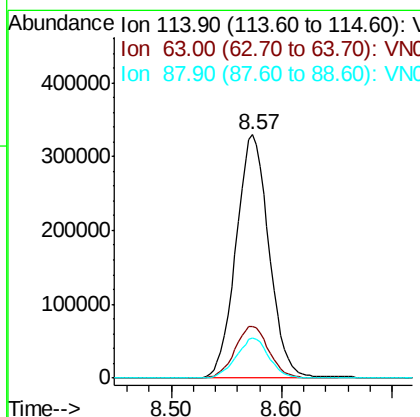
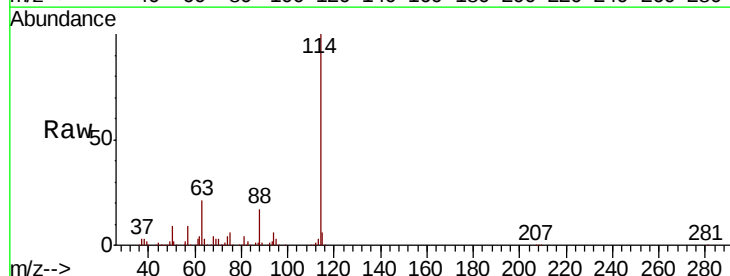
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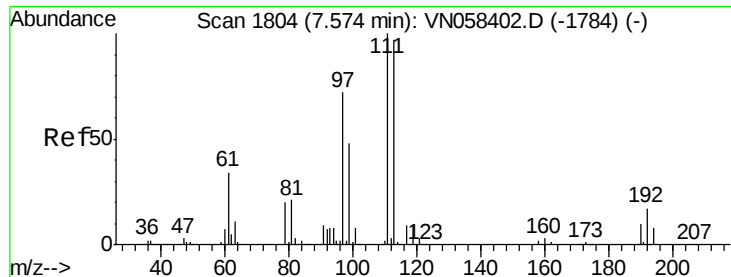
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058648.D
 Acq: 9 Oct 2019 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	682454		
63	21.4	0.0	45.0	
88	16.6	0.0	32.2	





#35

Dibromofluoromethane

Concen: 53.514 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058648.D

Acq: 9 Oct 2019 18:26

Instrument :

MSVOA_N

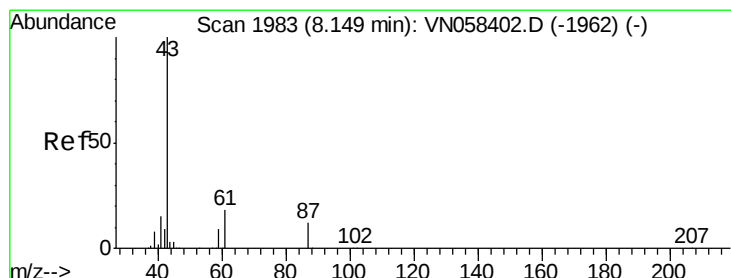
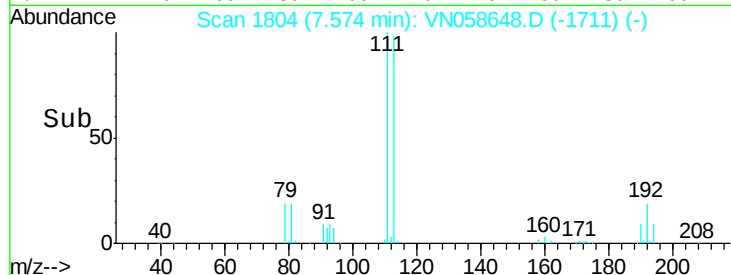
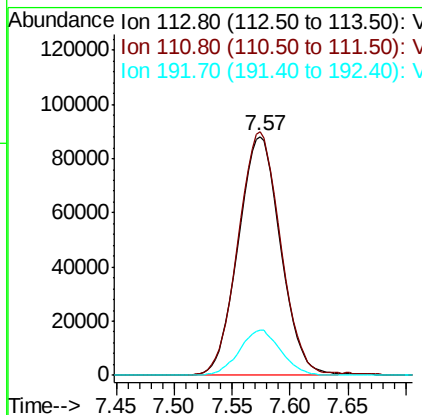
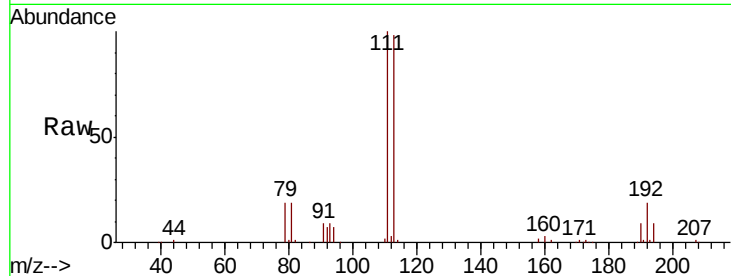
ClientSampleId :

PB12371TB

Tot Ion:	113	Resp:	223832
Ion Ratio	Lower	Upper	
113	100		
111	102.8	83.4	125.2
192	18.7	14.9	22.3

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#43

Isopropyl Acetate

Concen: 10.048 ug/l

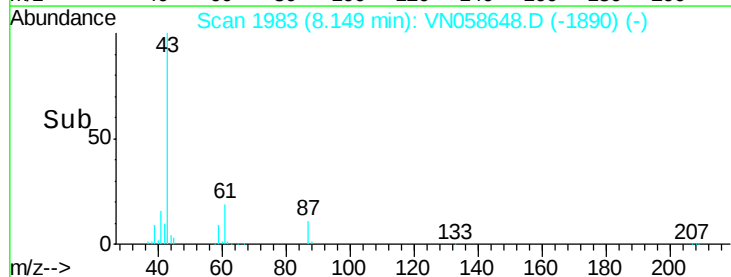
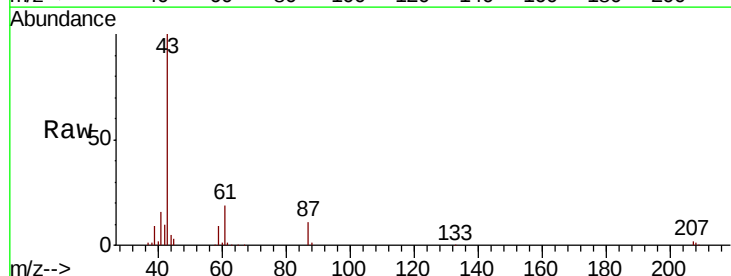
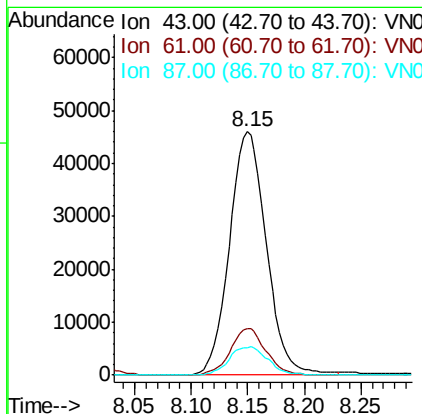
RT: 8.15 min Scan# 1983

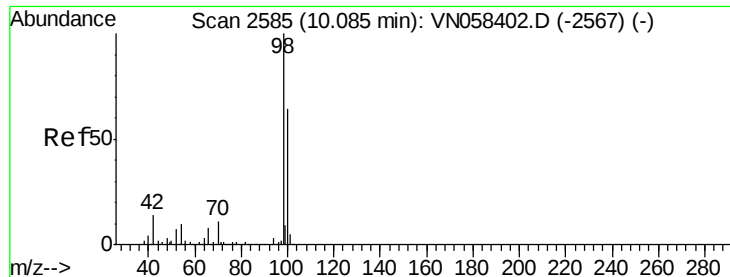
Delta R.T. 0.00 min

Lab File: VN058648.D

Acq: 9 Oct 2019 18:26

Tgt Ion:	43	Resp:	104535
Ion Ratio	Lower	Upper	
43	100		
61	18.2	14.8	22.2
87	12.1	9.7	14.5





#50

Toluene-d8

Concen: 54.084 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058648.D

Acq: 9 Oct 2019 18:26

Instrument :

MSVOA_N

ClientSampleId :

PB12371TB

Tot Ion: 98 Resp: 886180

Ion Ratio Lower Upper

98 100

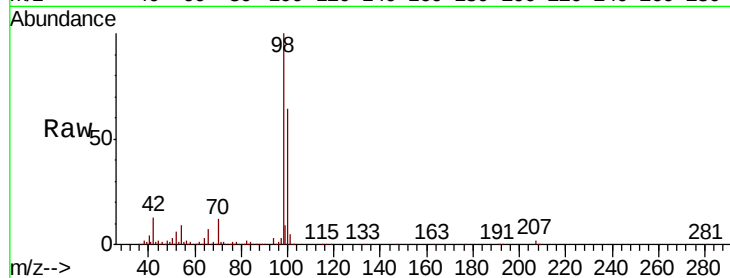
100 63.5 51.0 76.6

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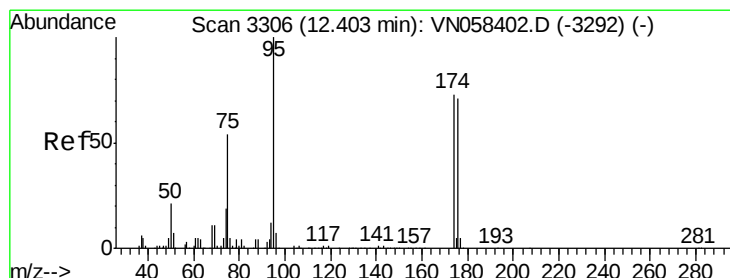
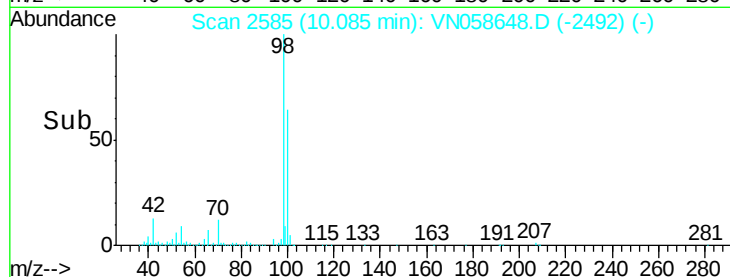
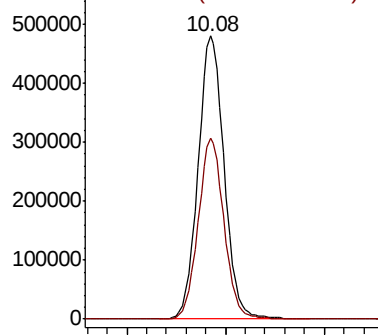
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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 48.180 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058648.D

Acq: 9 Oct 2019 18:26

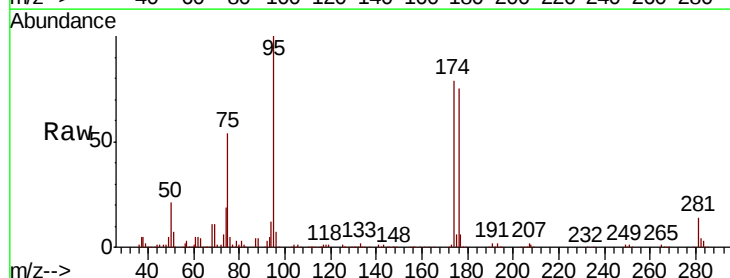
Tgt Ion: 95 Resp: 285446

Ion Ratio Lower Upper

95 100

174 77.0 0.0 150.6

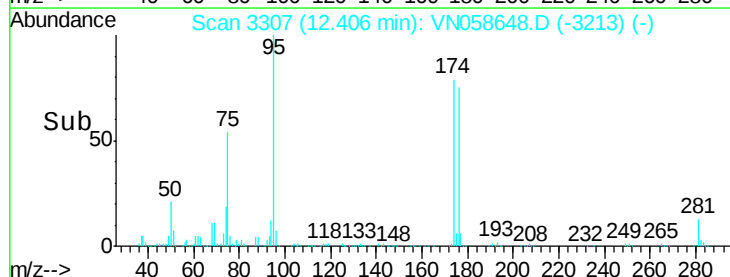
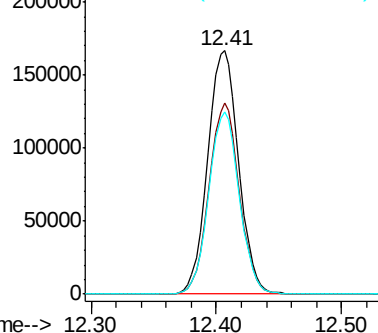
176 74.1 0.0 146.2

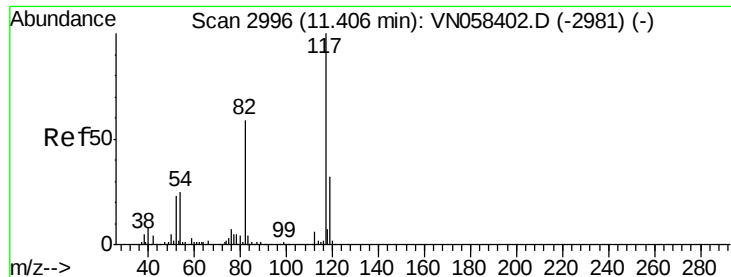


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





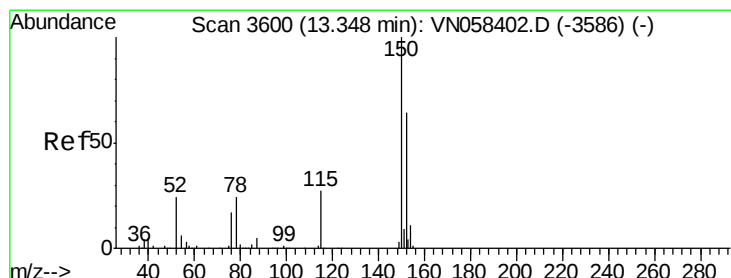
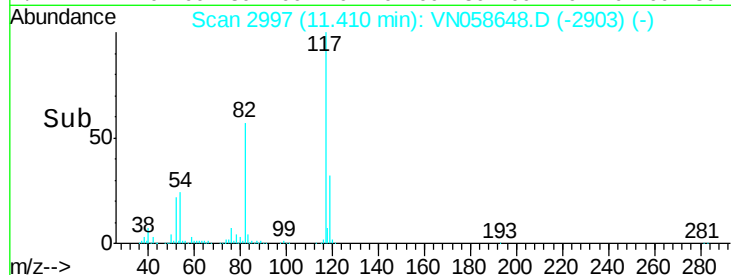
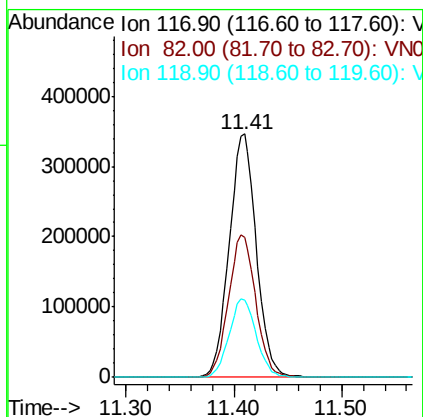
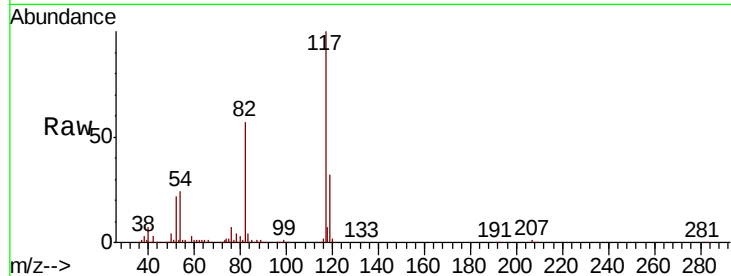
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058648.D
Acq: 9 Oct 2019 18:26

Instrument :
MSVOA_N
ClientSampleId :
PB12371TB

Tot Ion	Ratio	Resp	Lower	Upper
117	100	608550		
82	57.5		47.4	71.0
119	32.0		25.5	38.3

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058648.D
Acq: 9 Oct 2019 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	236408		
115	59.7		30.0	90.0
150	157.3		0.0	348.2

