

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091619\
 Data File : VN058108.D
 Acq On : 16 Sep 2019 11:22
 Operator : JC/SP
 Sample : K4871-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DAY-1

Manual Integrations
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Quant Time: Sep 17 09:40:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	297263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	497847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	463154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	262427	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	341549	56.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.46%	
35) Dibromofluoromethane	7.58	113	233750	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
50) Toluene-d8	10.08	98	918057	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.40	95	319850	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.81	96	2727	0.595	ug/l	96
40) Benzene	8.03	78	14033	0.807	ug/l	94
78) n-propylbenzene	12.60	91	20196	0.864	ug/l	98
89) n-Butylbenzene	13.62	91	10003m	0.593	ug/l	
91) 1,2-Dichlorobenzene	13.66	146	40070	4.304	ug/l	99

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

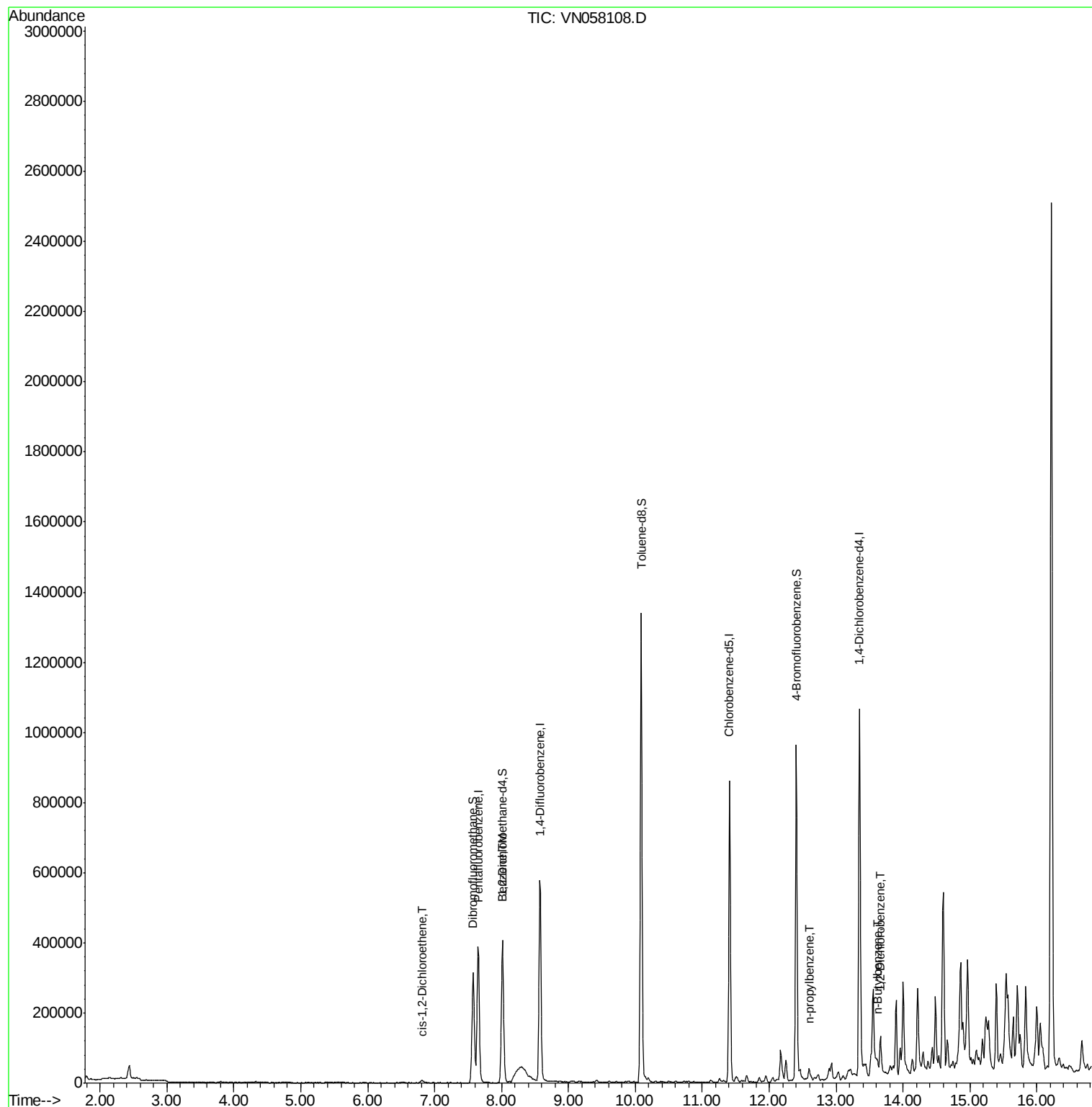
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091619\
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Quant Time: Sep 17 09:40:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

DAY-1

Tot Ion:168 Resp: 297263

Ion Ratio Lower Upper

168 100

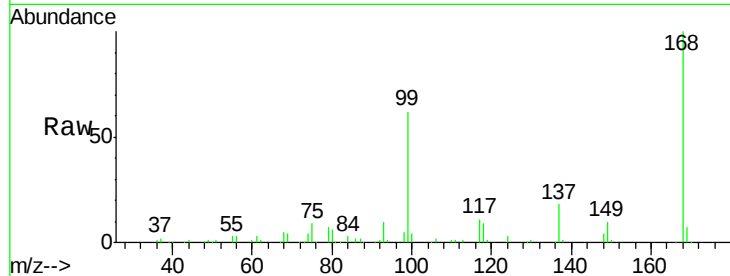
99 62.0 48.0 72.0

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

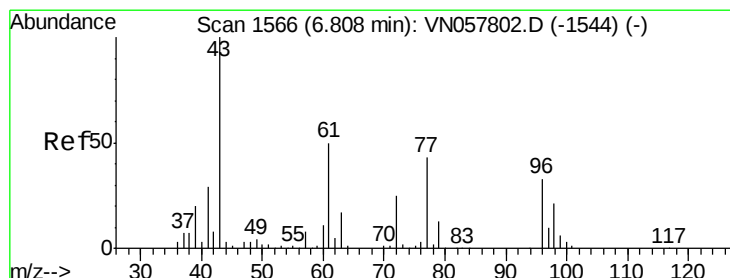
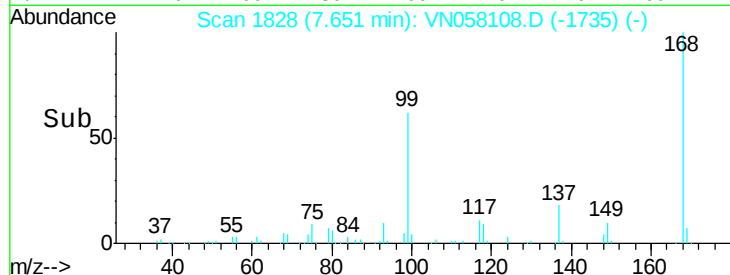
7.65

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#27

cis-1,2-Dichloroethene

Concen: 0.595 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

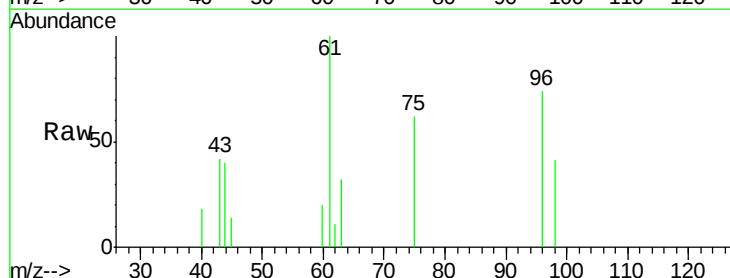
Tgt Ion: 96 Resp: 2727

Ion Ratio Lower Upper

96 100

61 155.1 0.0 314.0

98 72.5 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

2000

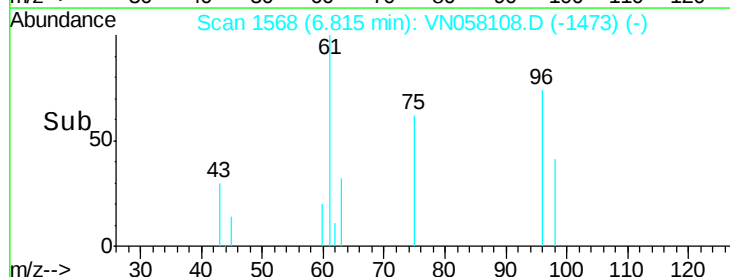
1500

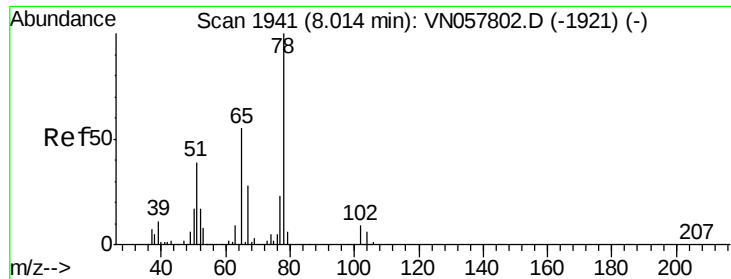
1000

500

0

Time--> 6.75 6.80 6.85





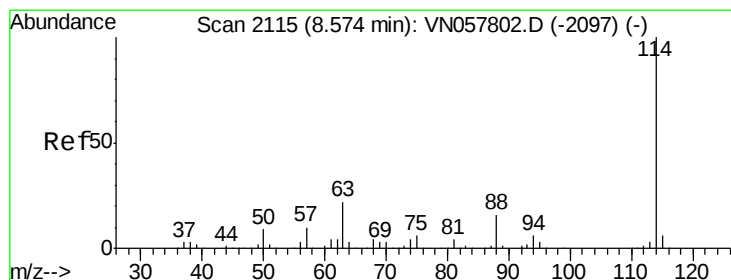
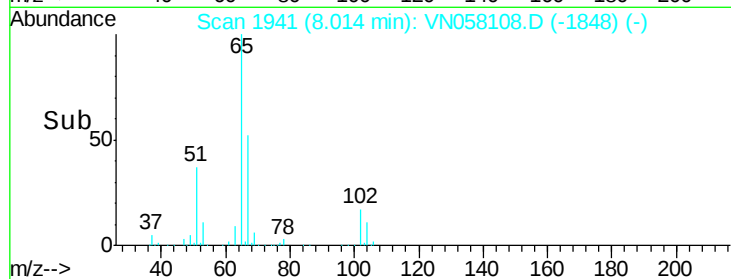
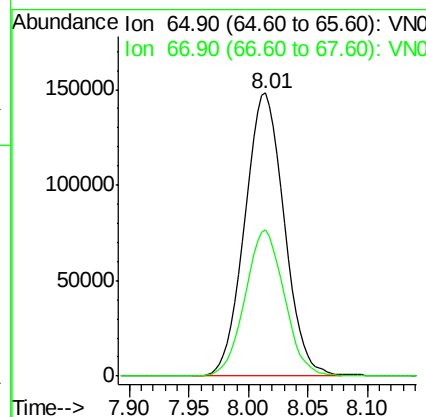
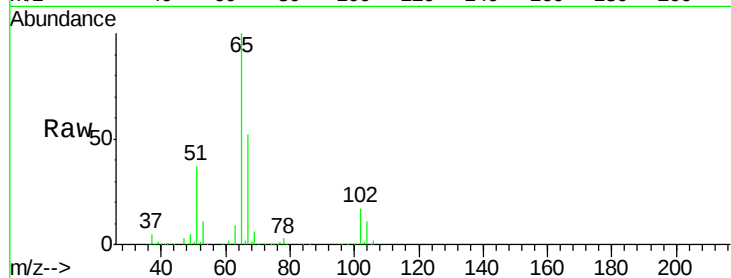
#33
 1,2-Dichloroethane-d4
 Concen: 56.728 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058108.D
 Acq: 16 Sep 2019 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 DAY-1

Tot Ion	Ratio	Resp	Lower	Upper
65	100	341549		
67	51.4	0.0	104.0	

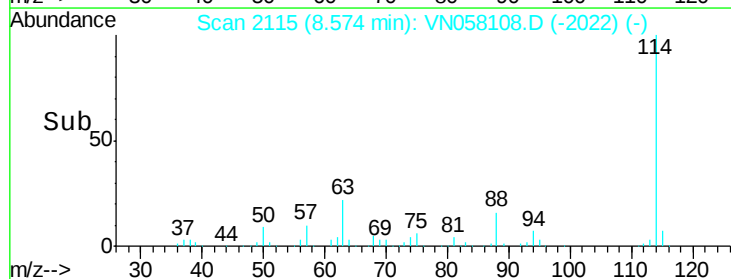
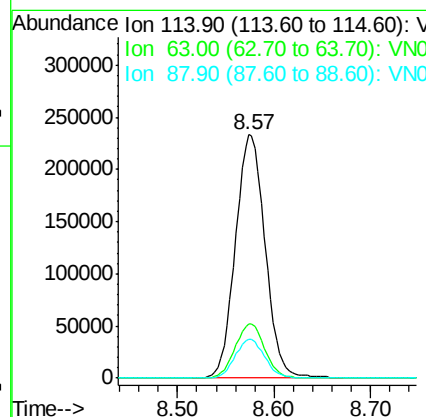
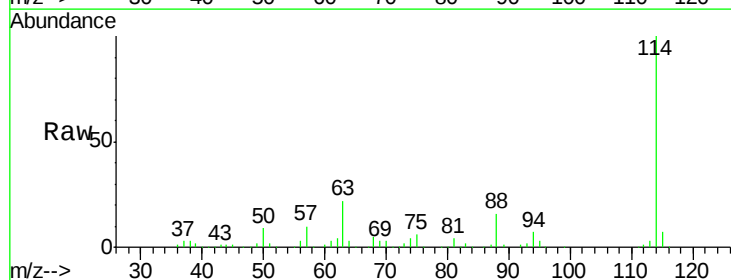
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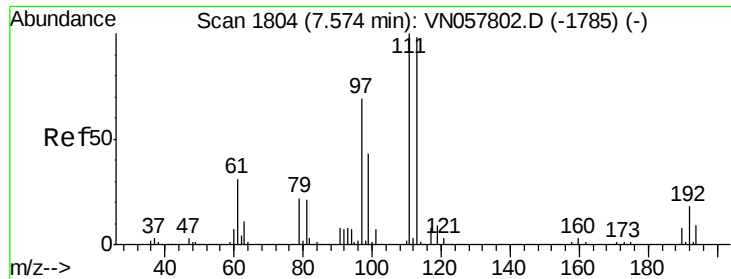
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058108.D
 Acq: 16 Sep 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	497847		
63	22.3	0.0	44.0	
88	16.0	0.0	31.4	





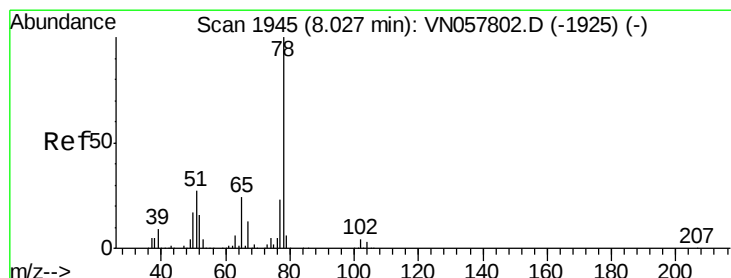
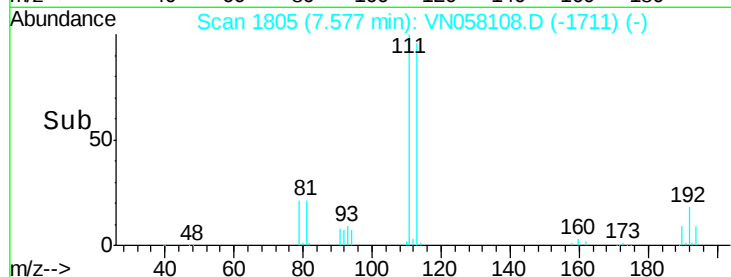
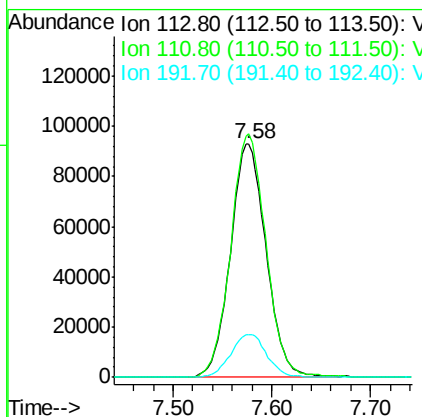
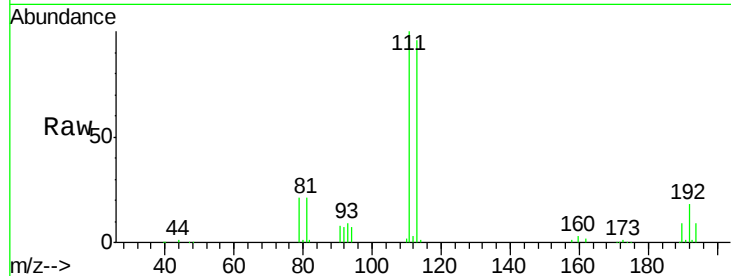
#35
 Dibromofluoromethane
 Concen: 50.871 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058108.D
 Acq: 16 Sep 2019 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 DAY-1

Tot Ion	Ratio	Resp	Lower	Upper
113	100	233750		
111	103.5	81.3	121.9	
192	18.6	14.6	22.0	

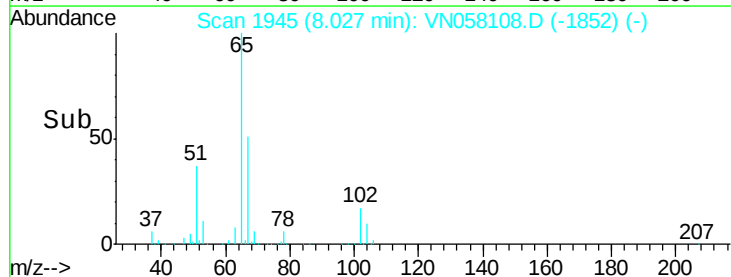
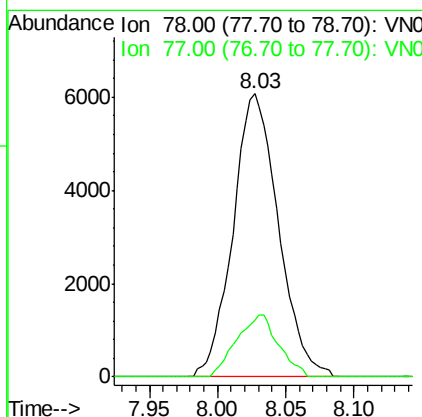
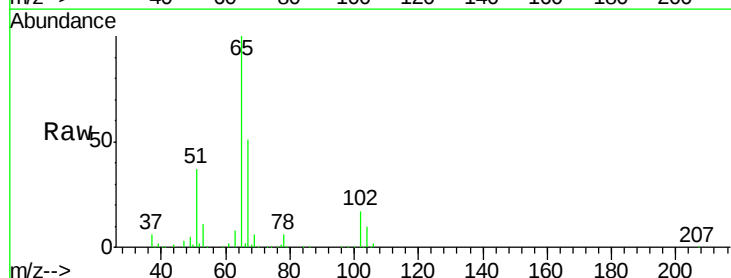
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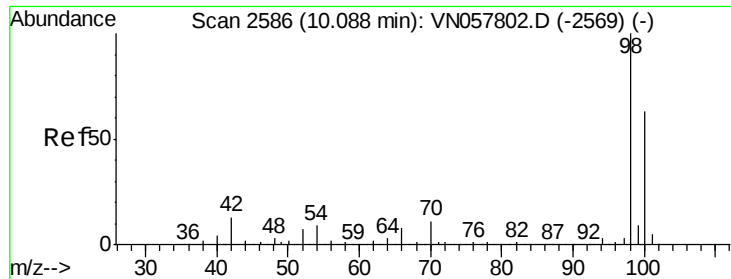
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#40
 Benzene
 Concen: 0.807 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN058108.D
 Acq: 16 Sep 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	14033		
77	20.2	18.3	27.5	





#50

Toluene-d8

Concen: 51.461 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

Instrument :

MSVOA_N

ClientSampled :

DAY-1

Tot Ion: 98 Resp: 918057

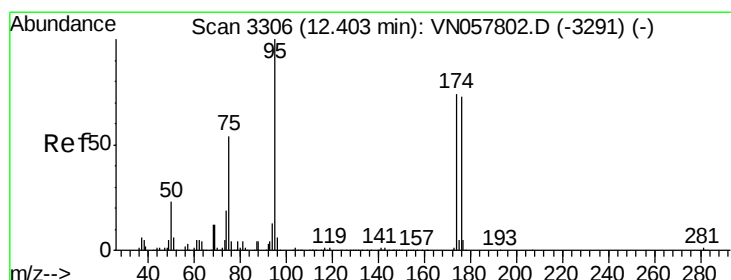
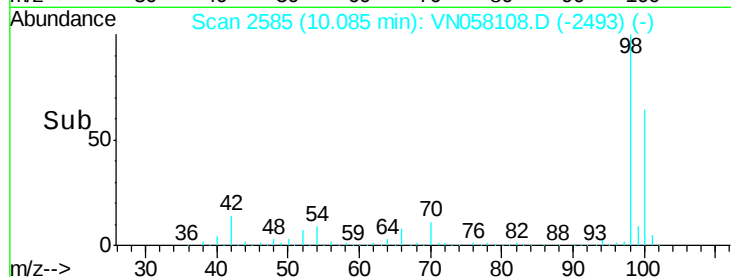
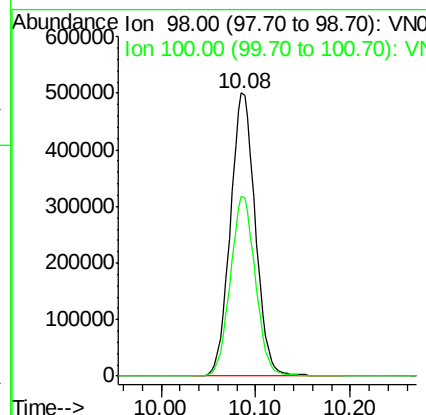
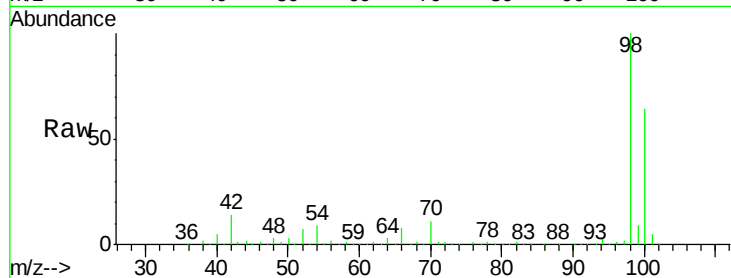
Ion Ratio Lower Upper

98 100

100 63.5 50.3 75.5

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 47.046 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

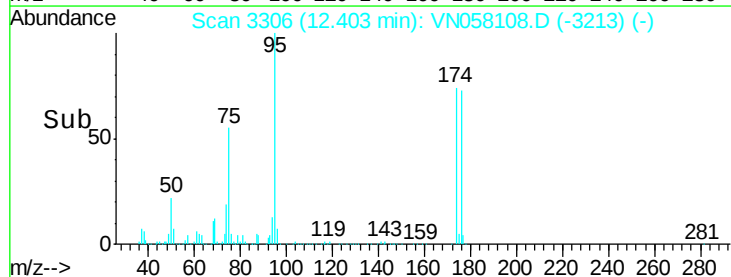
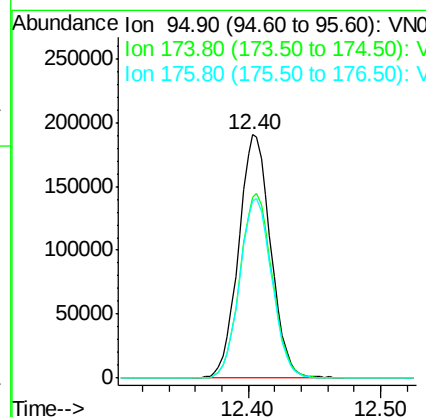
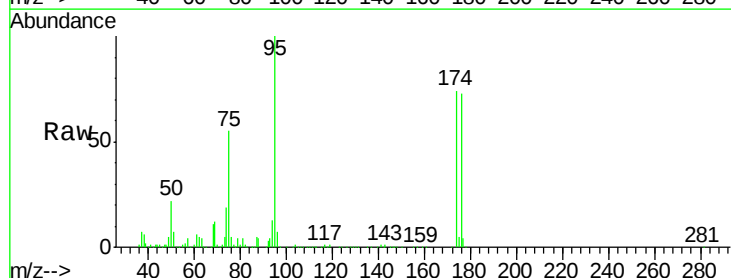
Tgt Ion: 95 Resp: 319850

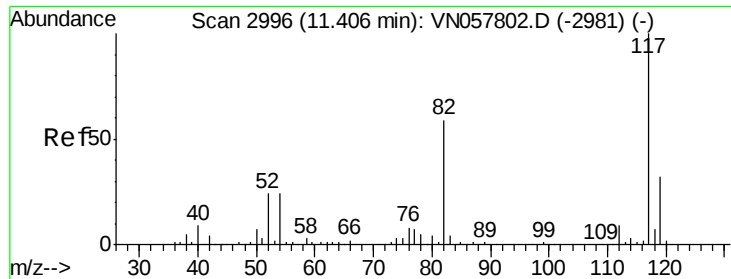
Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.2

176 73.9 0.0 146.0





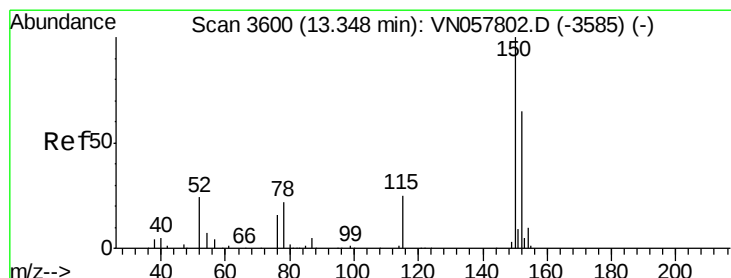
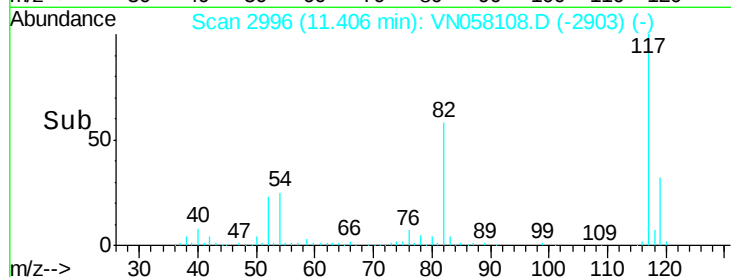
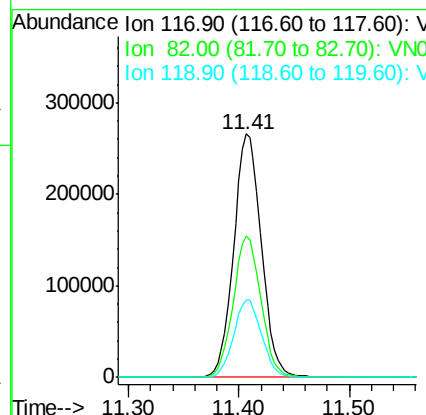
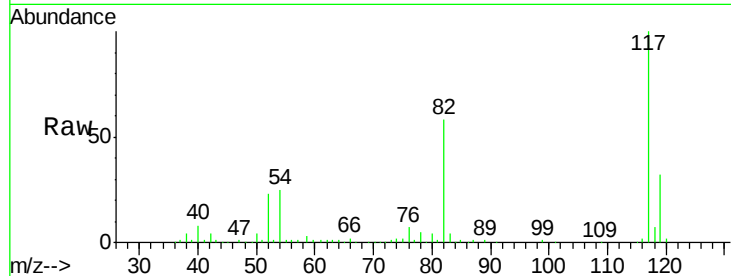
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058108.D
Acq: 16 Sep 2019 11:22

Instrument :
MSVOA_N
ClientSampleId :
DAY-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.8	47.2	70.8
119	31.8	25.3	37.9

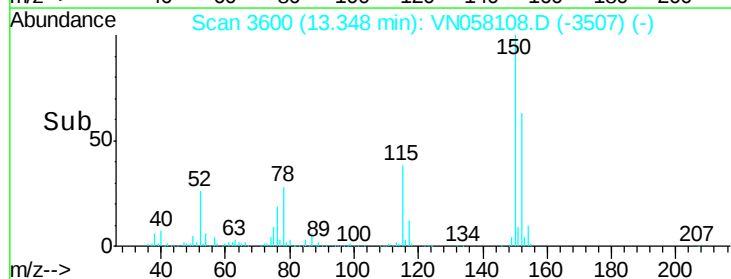
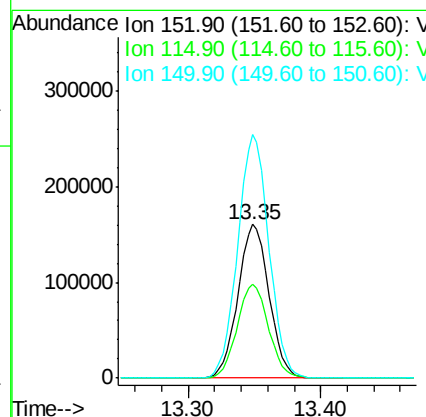
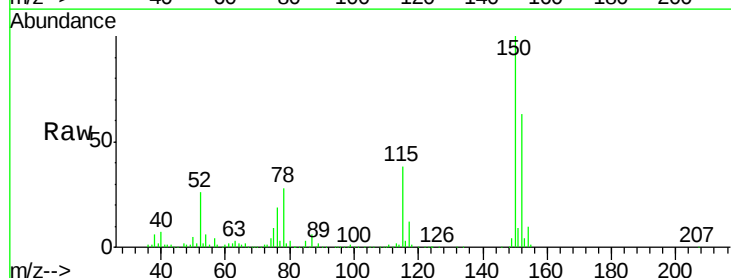
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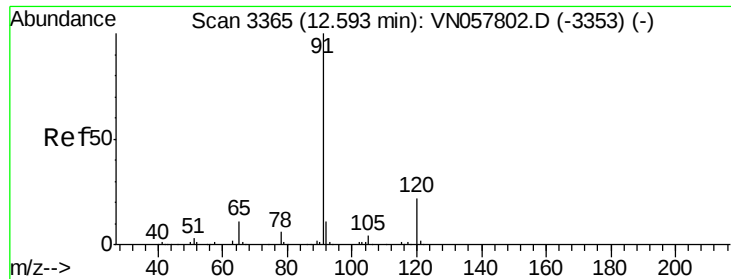
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058108.D
Acq: 16 Sep 2019 11:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.3	91.0
150	158.3	0.0	352.4





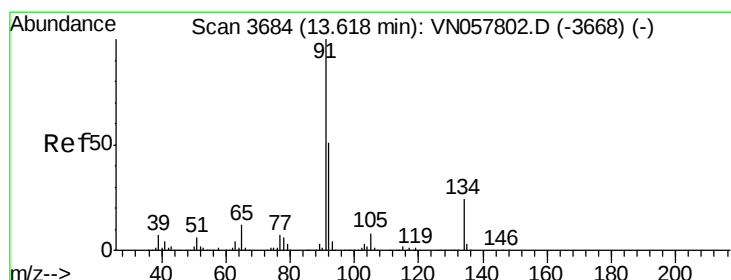
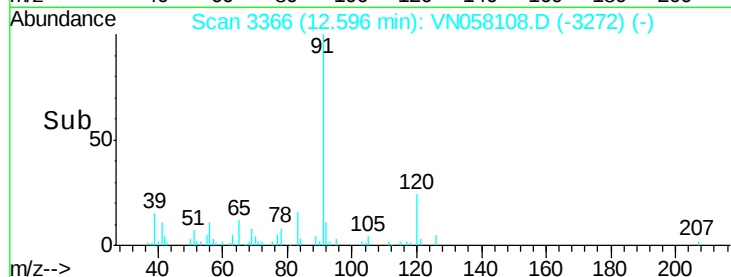
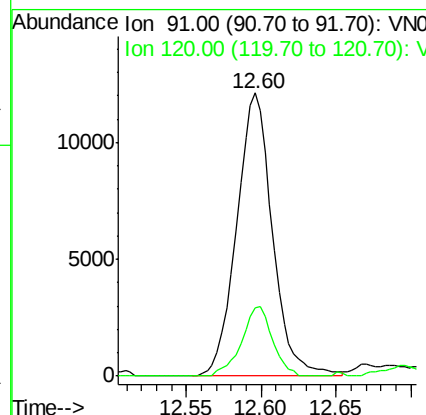
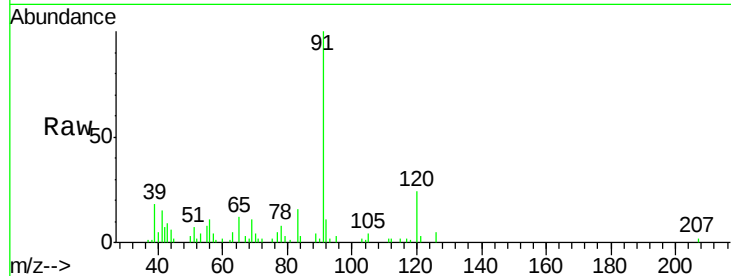
#78
n-propylbenzene
Concen: 0.864 ug/l
RT: 12.60 min Scan# 3366
Delta R.T. 0.00 min
Lab File: VN058108.D
Acq: 16 Sep 2019 11:22

Instrument :
MSVOA_N
ClientSampled :
DAY-1

Tot Ion	Ratio	Lower	Upper
91	100		
120	21.1	11.1	33.1

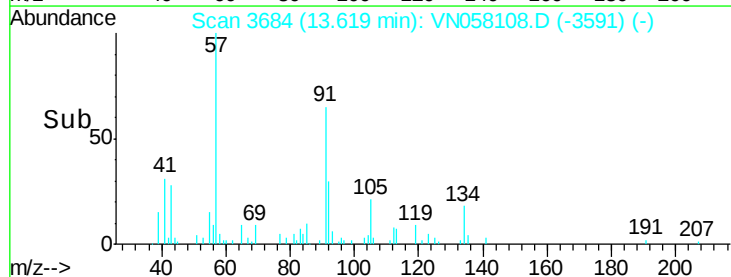
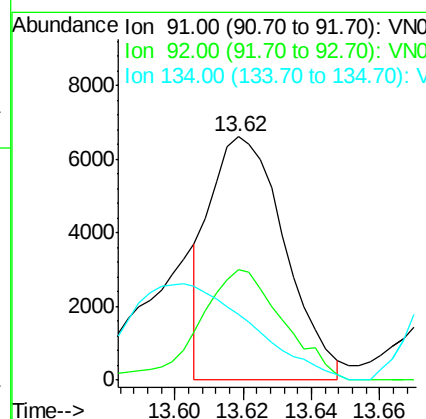
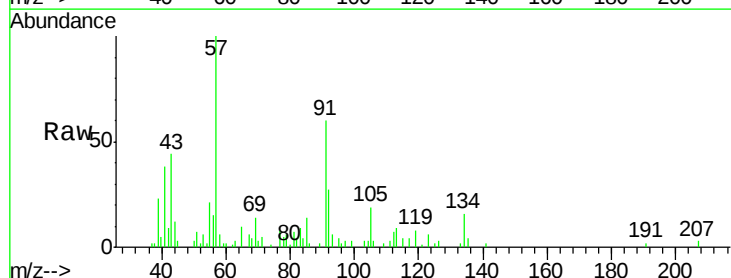
Manual Integrations
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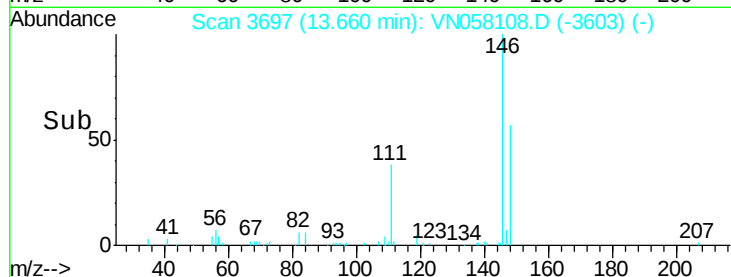
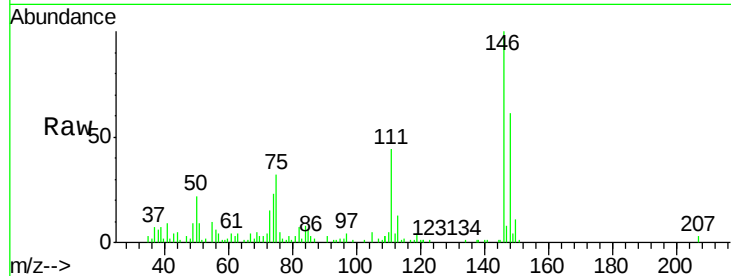
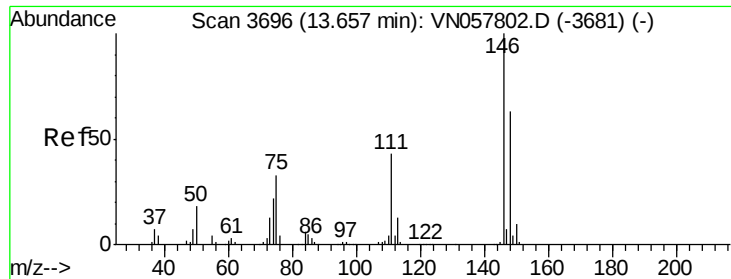
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#89
n-Butylbenzene
Concen: 0.593 ug/l m
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN058108.D
Acq: 16 Sep 2019 11:22

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.9	25.7	77.0
134	66.6	11.9	35.7#





#91

1,2-Dichlorobenzene

Concen: 4.304 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN058108.D

Acq: 16 Sep 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

DAY-1

Tot Ion:146 Resp: 40070

Ion Ratio Lower Upper

146 100

111 42.2 21.3 63.9

148 64.3 31.4 94.3

Manual Integrations

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