

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083119\
 Data File : VN057608.D
 Acq On : 30 Aug 2019 23:51
 Operator : JC/SP
 Sample : K4517-35
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-E-(2.5)

Manual Integrations
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 8/31/2019 11:28:54 AM

Quant Time: Aug 31 01:40:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 11:59:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	596266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	938708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	822802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	231605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	357408	36.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.24%	
35) Dibromofluoromethane	7.58	113	286959	34.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.40%	
50) Toluene-d8	10.08	98	1141198	38.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.90%	
62) 4-Bromofluorobenzene	12.40	95	318870	32.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.02%	
Target Compounds						
20) Methylene Chloride	4.54	84	13427m	1.837	ug/l	Qvalue
43) Isopropyl Acetate	8.16	43	68961	5.491	ug/l #	94

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

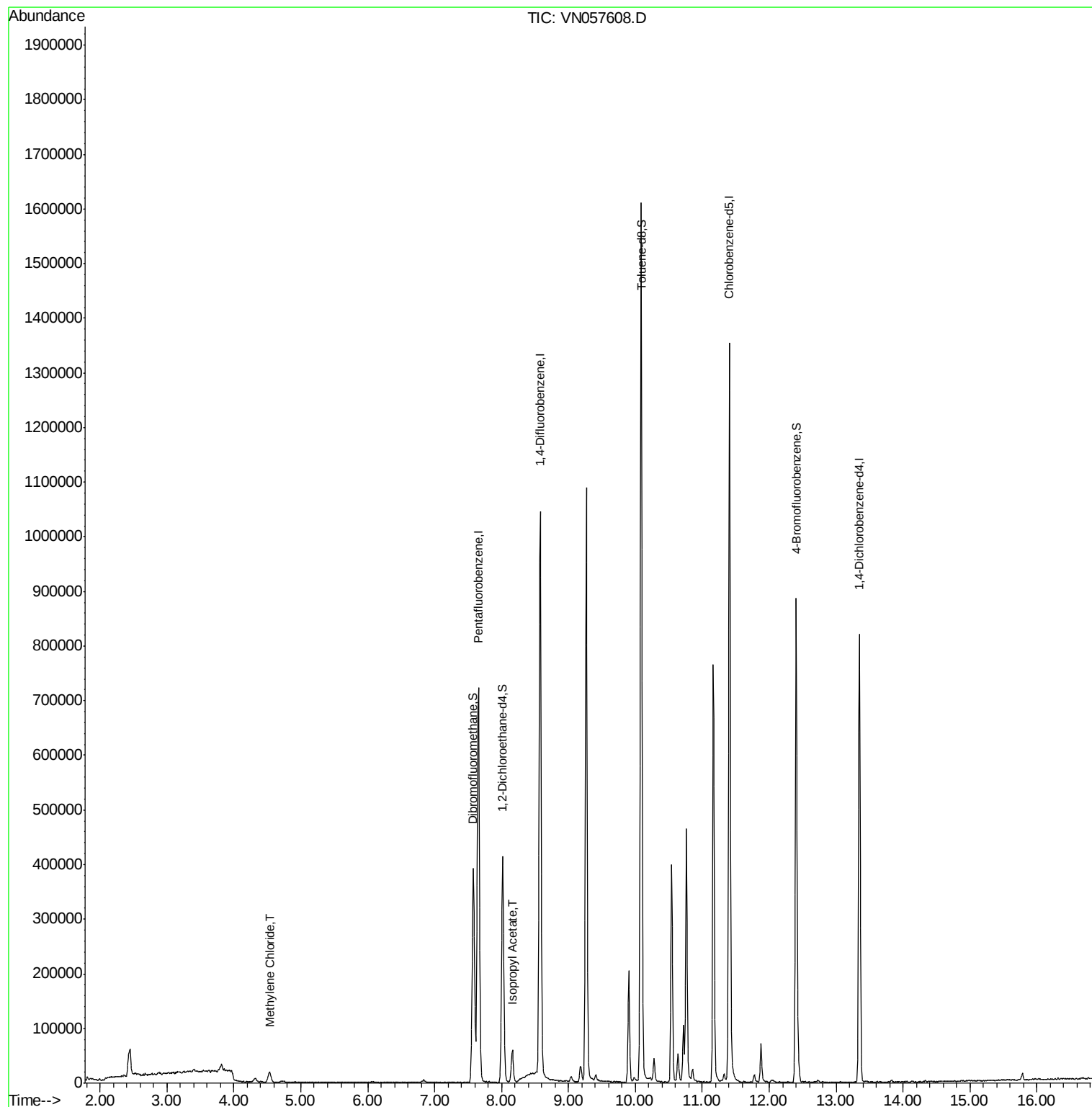
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Data File : VN057608.D
Acq On : 30 Aug 2019 23:51
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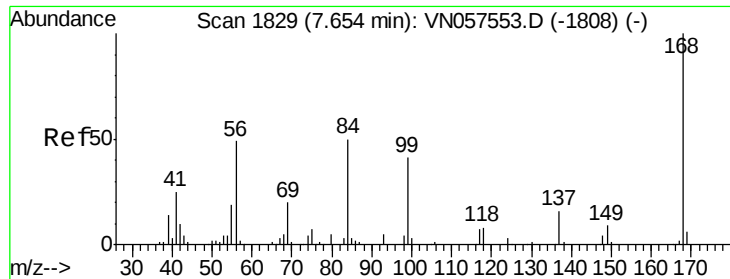
Instrument :
MSVOA_N
ClientSampleId :
T4-S-E-(2.5)

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Quant Time: Aug 31 01:40:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 11:59:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057608.D

Acq: 30 Aug 2019 23:51

Instrument :

MSVOA_N

ClientSampled :

T4-S-E-(2.5)

Tot Ion:168 Resp: 596266

Ion Ratio Lower Upper

168 100

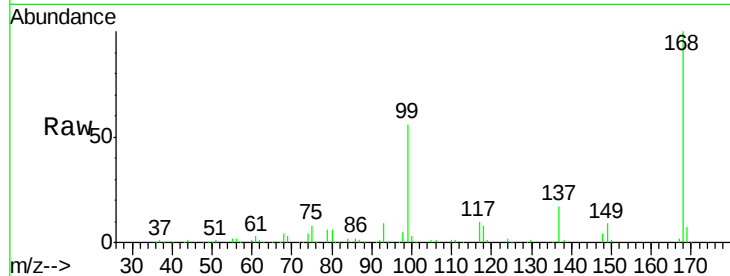
99 55.8 50.6 76.0

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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

250000

200000

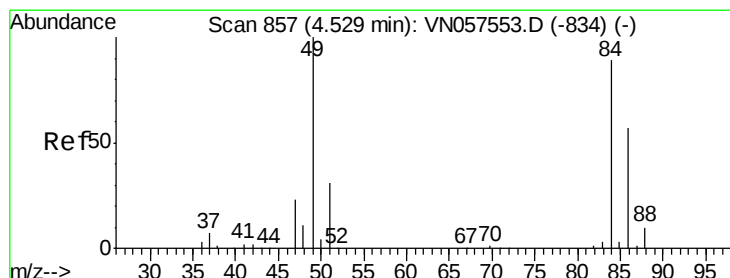
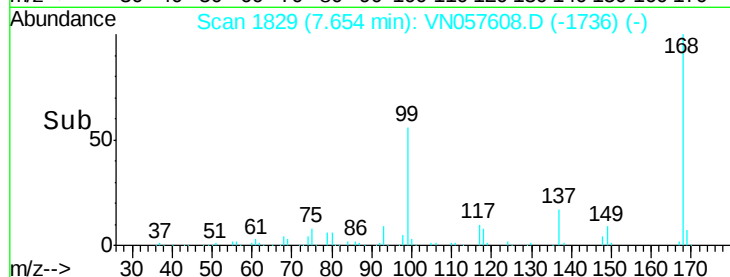
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.837 ug/l m

RT: 4.54 min Scan# 860

Delta R.T. 0.01 min

Lab File: VN057608.D

Acq: 30 Aug 2019 23:51

Tgt Ion: 84 Resp: 13427

Ion Ratio Lower Upper

84 100

49 113.7 117.0 175.4#

51 41.4 35.5 53.3

86 70.9 49.8 74.8

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

8000

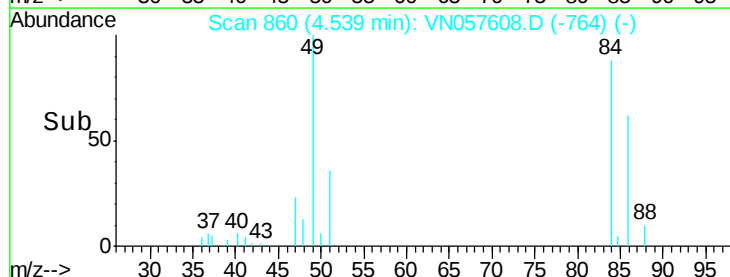
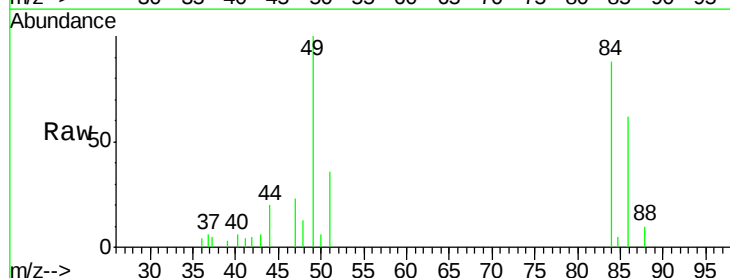
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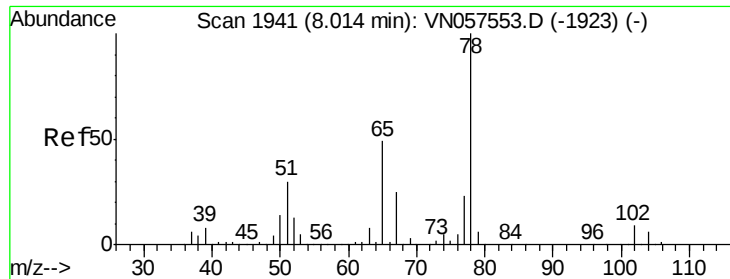
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Time-->





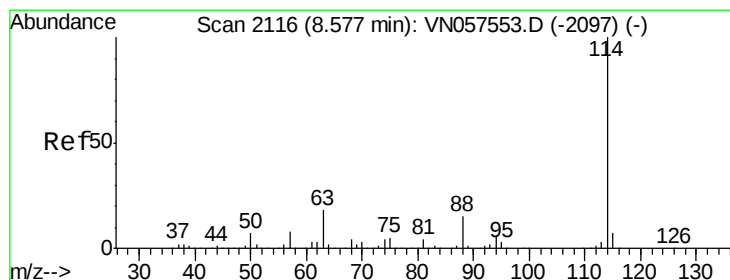
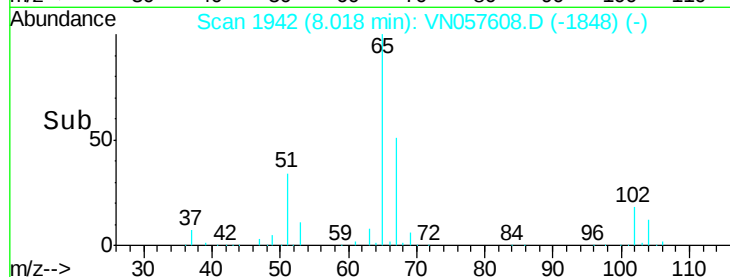
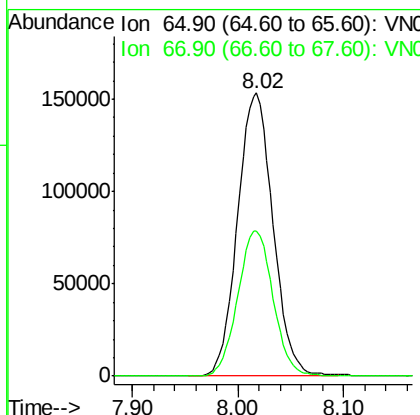
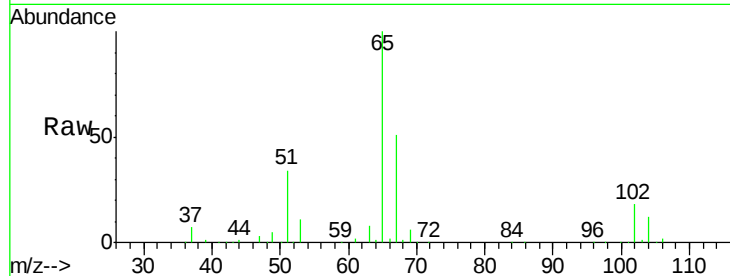
#33
 1,2-Dichloroethane-d4
 Concen: 36.622 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057608.D
 Acq: 30 Aug 2019 23:51

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-E-(2.5)

Tot Ion	Ratio	Resp	Lower	Upper
65	100	357408		
67	51.2	0.0	103.8	

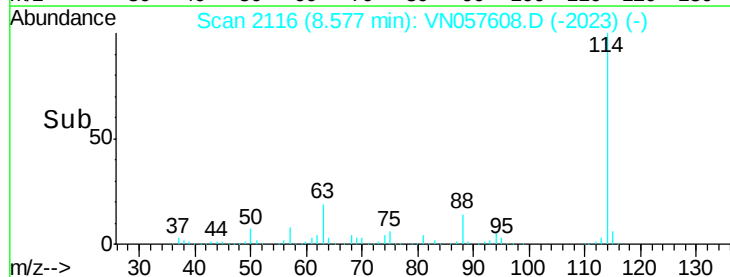
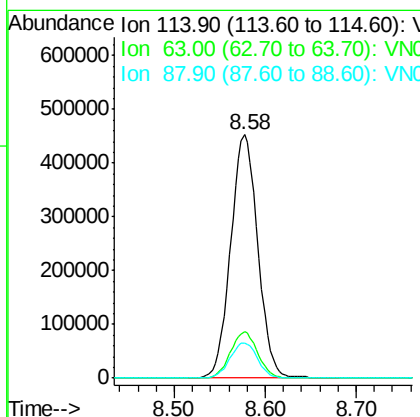
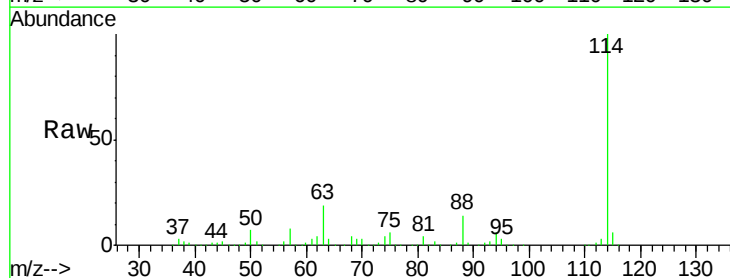
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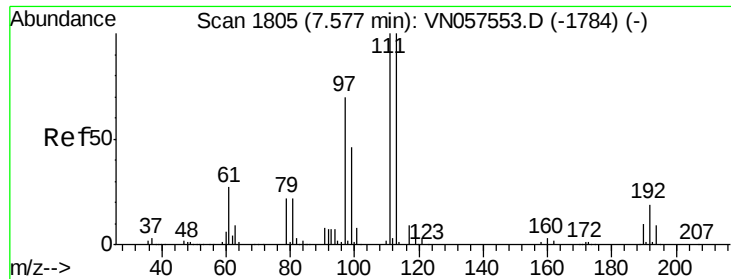
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057608.D
 Acq: 30 Aug 2019 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	938708		
63	18.9	0.0	50.2	
88	14.4	0.0	34.6	





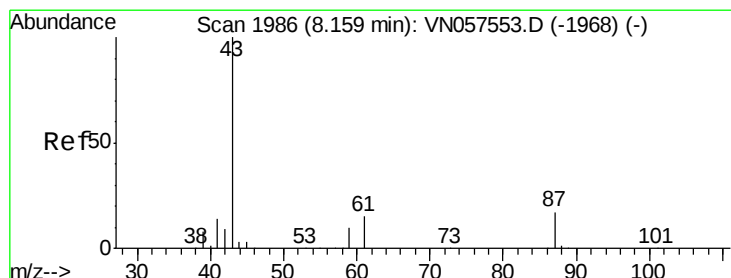
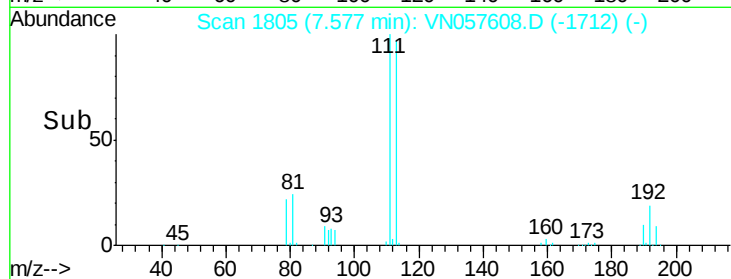
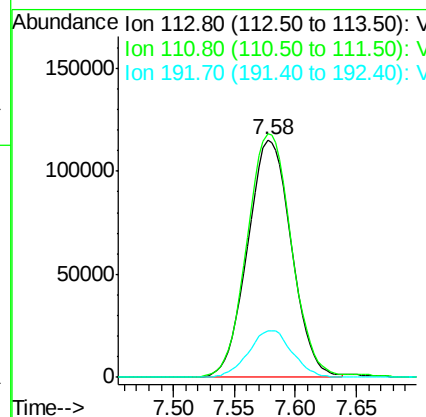
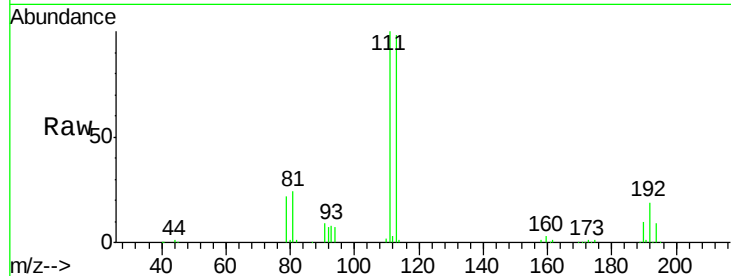
#35
 Dibromofluoromethane
 Concen: 34.202 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057608.D
 Acq: 30 Aug 2019 23:51

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-E-(2.5)

Tot Ion	Ratio	Resp	Lower	Upper
113	100	286959		
111	104.1		83.8	125.6
192	19.8		13.5	20.3

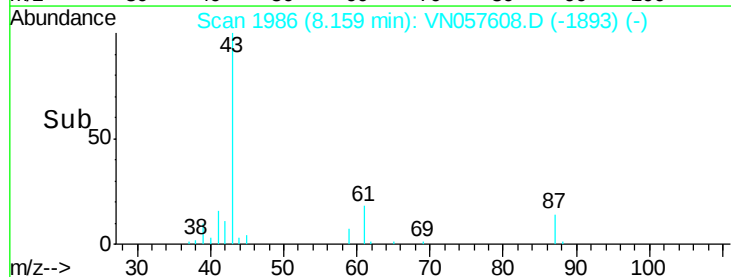
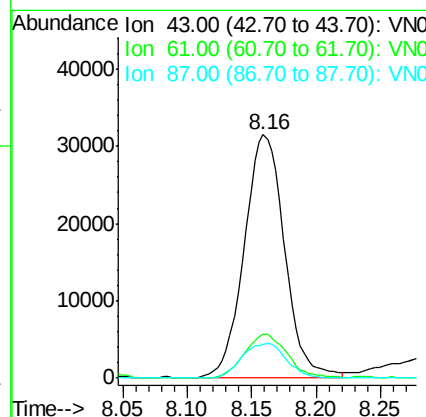
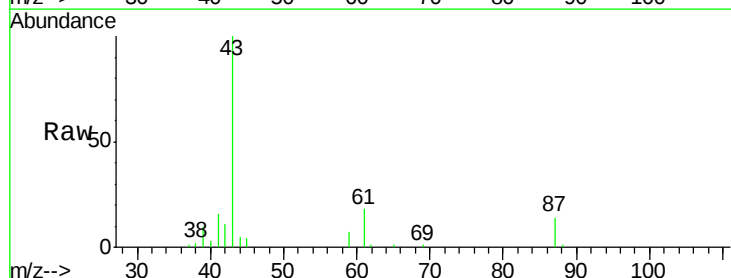
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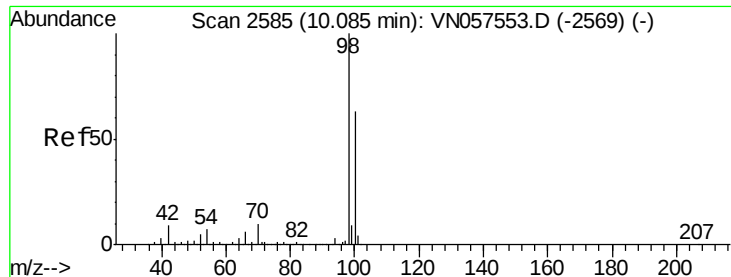
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#43
 Isopropyl Acetate
 Concen: 5.491 ug/l
 RT: 8.16 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VN057608.D
 Acq: 30 Aug 2019 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	68961		
61	19.1		14.5	21.7
87	15.3		8.6	12.8#





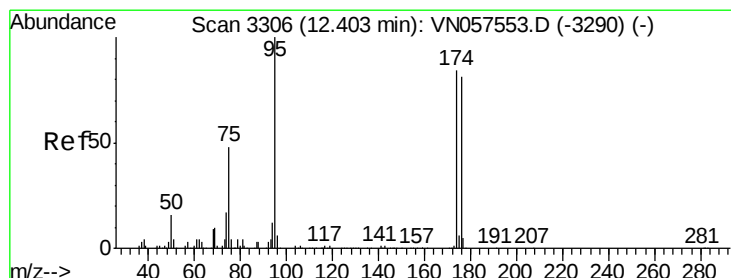
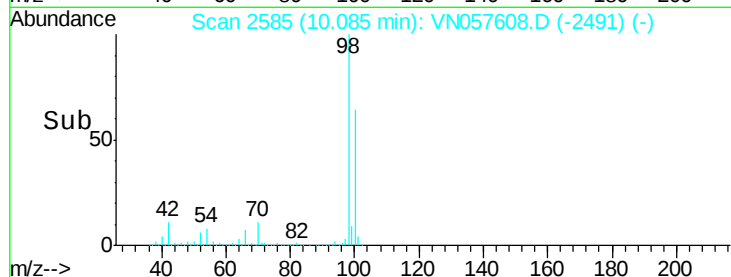
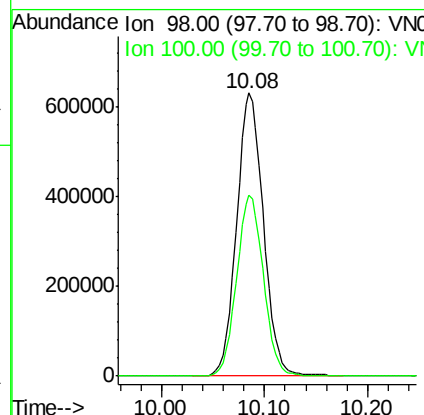
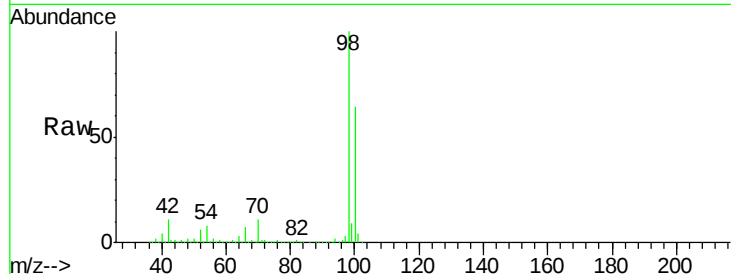
#50
Toluene-d8
Concen: 38.453 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057608.D
Acq: 30 Aug 2019 23:51

Instrument :
MSVOA_N
ClientSampleId :
T4-S-E-(2.5)

Tot Ion: 98 Resp: 1141198
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6

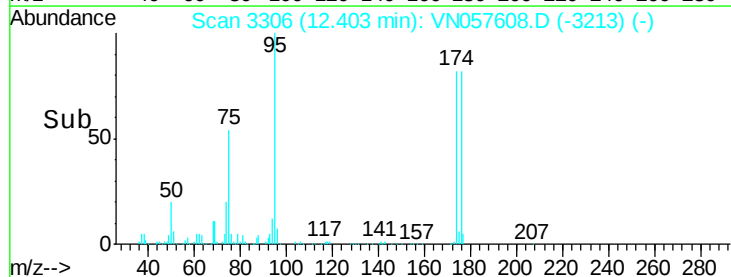
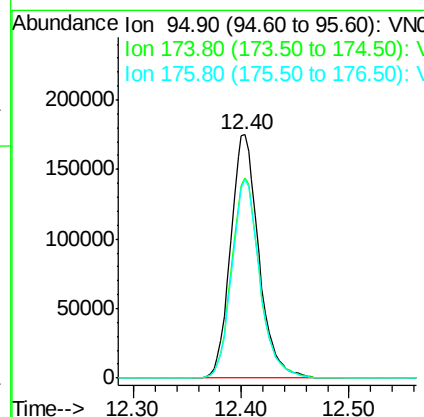
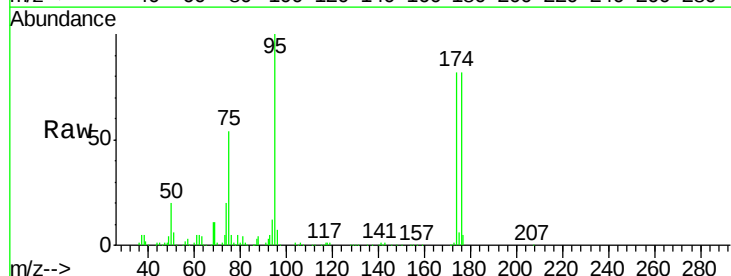
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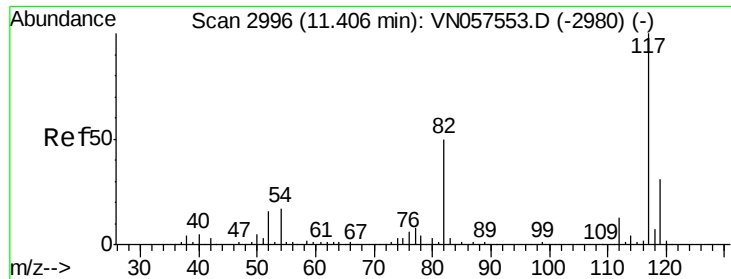
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#62
4-Bromofluorobenzene
Concen: 32.008 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057608.D
Acq: 30 Aug 2019 23:51

Tgt Ion: 95 Resp: 318870
Ion Ratio Lower Upper
95 100
174 82.1 0.0 133.0
176 80.7 0.0 130.8





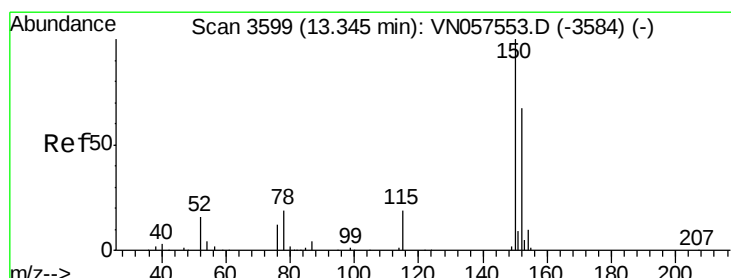
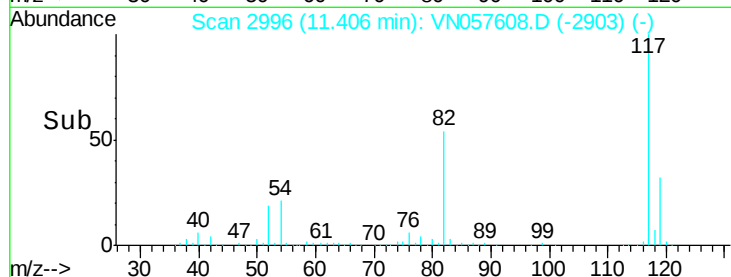
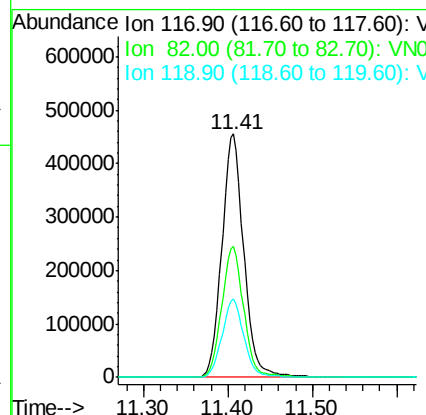
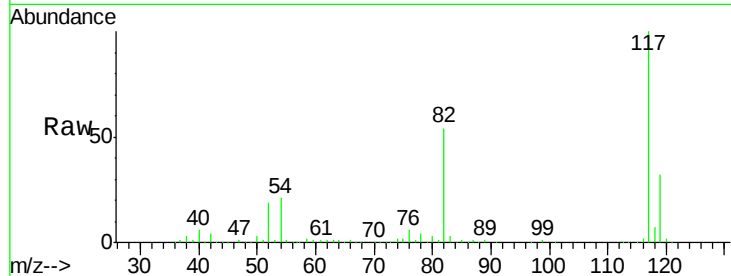
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN057608.D
Acq: 30 Aug 2019 23:51

Instrument :
MSVOA_N
ClientSampleId :
T4-S-E-(2.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	50.6	75.8
119	32.0	24.6	36.8

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN057608.D
Acq: 30 Aug 2019 23:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	32.0	96.0
150	157.2	0.0	346.6

