

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058324.D
 Acq On : 24 Sep 2019 3:43
 Operator : JC/SP
 Sample : K4997-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-12-091919

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 12:49:49 AM

Quant Time: Sep 24 09:17:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	464533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	791796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	687860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	281938	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	360743	55.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.52%	
35) Dibromofluoromethane	7.57	113	244028	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
50) Toluene-d8	10.08	98	998009	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
62) 4-Bromofluorobenzene	12.41	95	328588	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
Target Compounds						
16) Acetone	3.81	43	12850m	5.851	ug/l	
20) Methylene Chloride	4.53	84	65004	16.758	ug/l	95
43) Isopropyl Acetate	8.16	43	131044	11.841	ug/l #	82

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

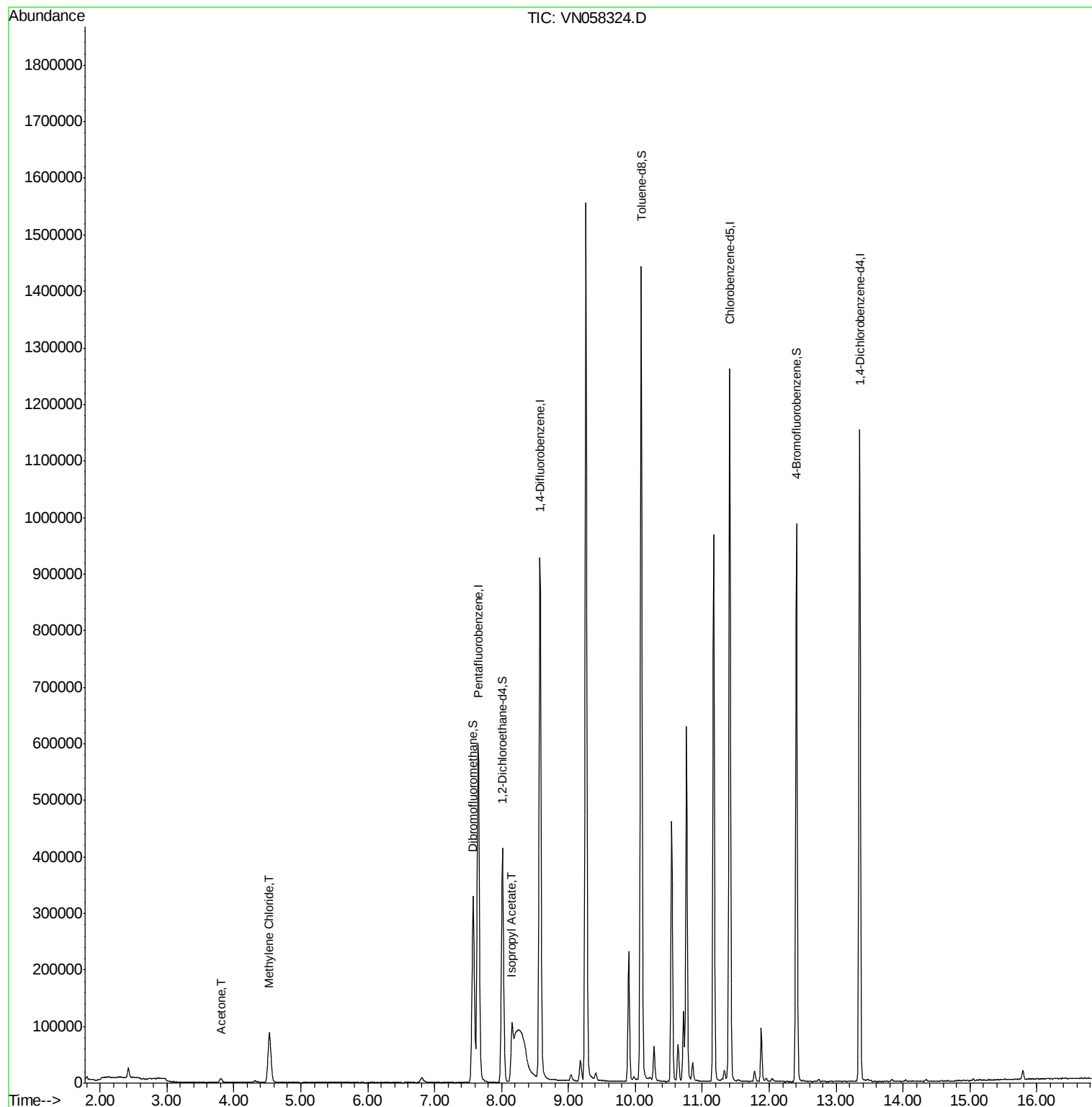
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092319\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058324.D

Acq: 24 Sep 2019 3:43

Instrument :

MSVOA_N

ClientSampleId :

WC-12-091919

Tot Ion:168 Resp: 464533

Ion Ratio Lower Upper

168 100

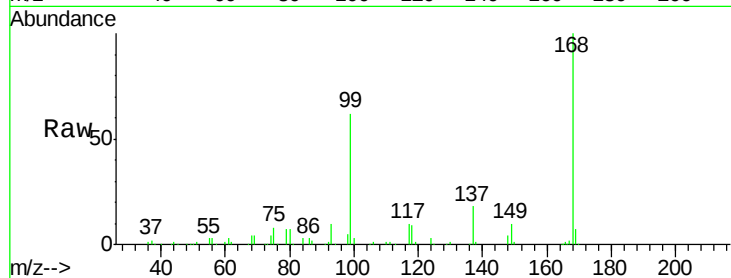
99 61.8 47.4 71.2

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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

200000

150000

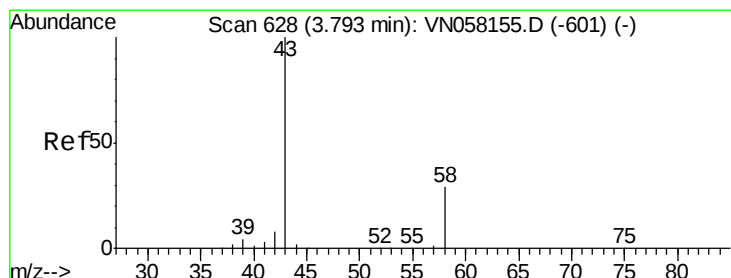
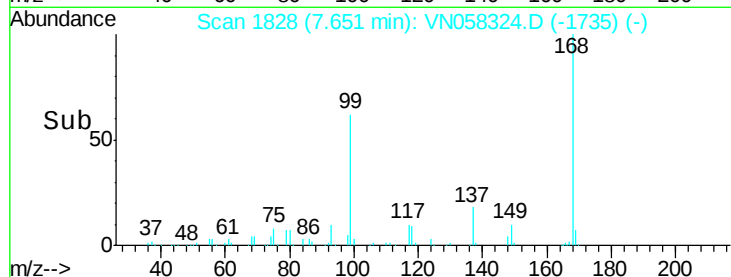
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 5.851 ug/l m

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN058324.D

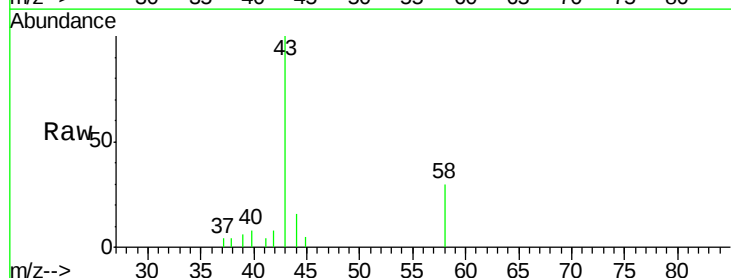
Acq: 24 Sep 2019 3:43

Tgt Ion: 43 Resp: 12850

Ion Ratio Lower Upper

43 100

58 29.7 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

5000

4000

3000

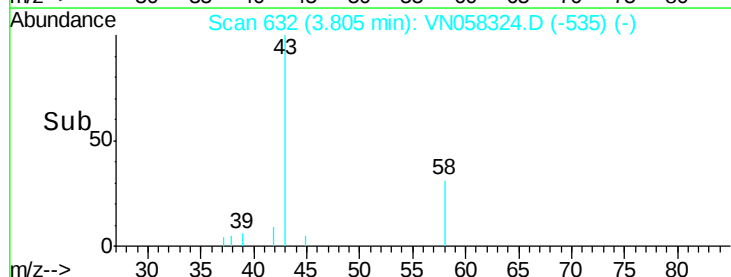
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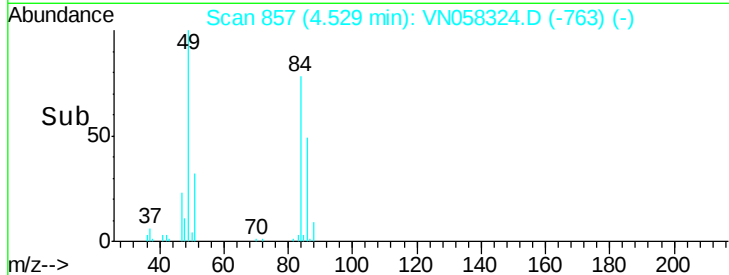
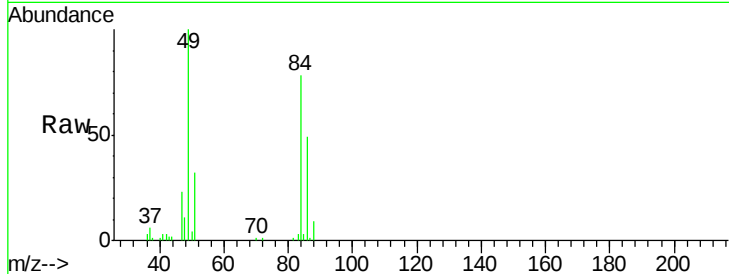
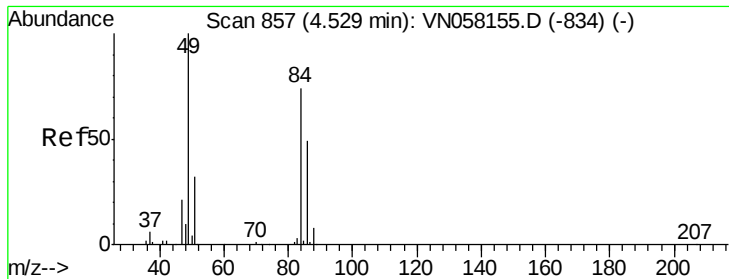
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->





#20

Methylene Chloride

Concen: 16.758 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058324.D

Acq: 24 Sep 2019 3:43

Tot Ion:	84	Resp:	65004
Ion	Ratio	Lower	Upper
84	100		
49	126.8	107.5	161.3
51	40.8	33.9	50.9
86	63.0	52.4	78.6

Instrument :

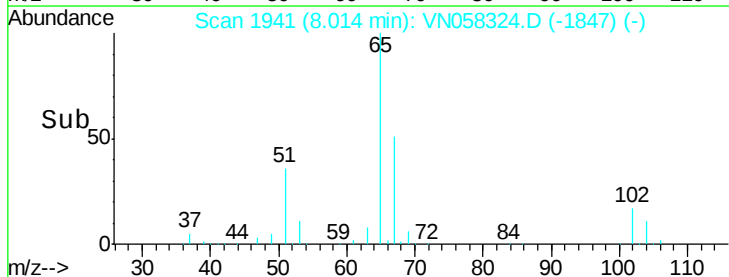
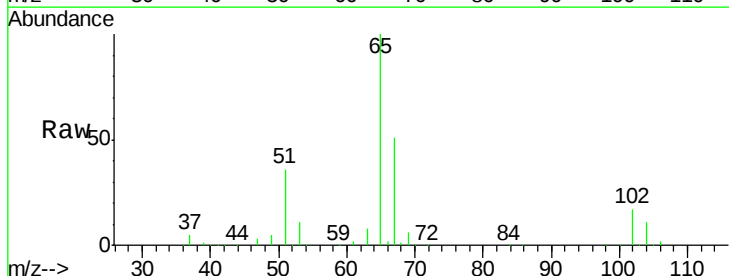
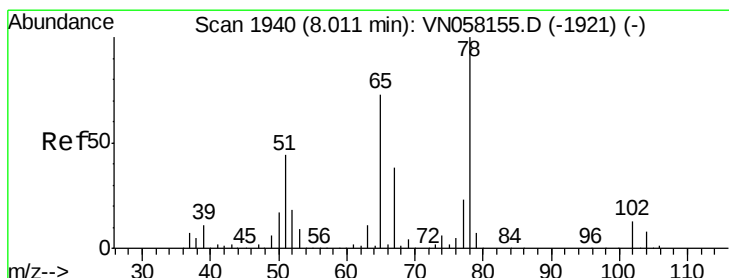
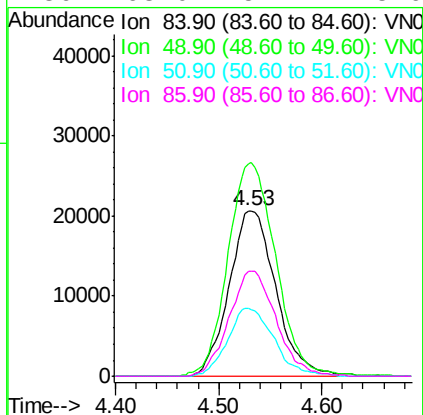
MSVOA_N

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#33

1,2-Dichloroethane-d4

Concen: 55.756 ug/l

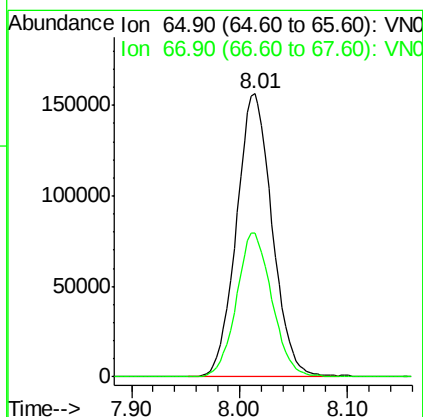
RT: 8.01 min Scan# 1941

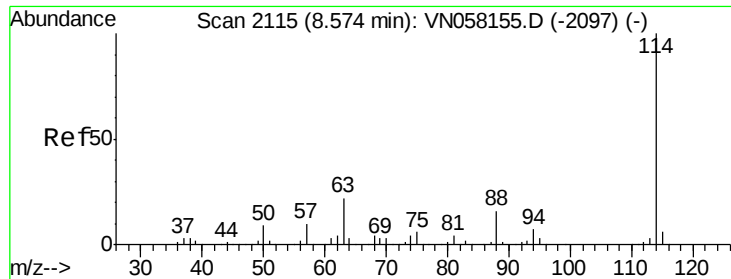
Delta R.T. 0.00 min

Lab File: VN058324.D

Acq: 24 Sep 2019 3:43

Tgt Ion:	65	Resp:	360743
Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	103.4





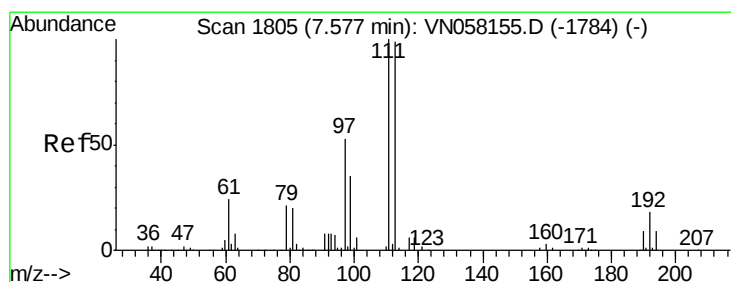
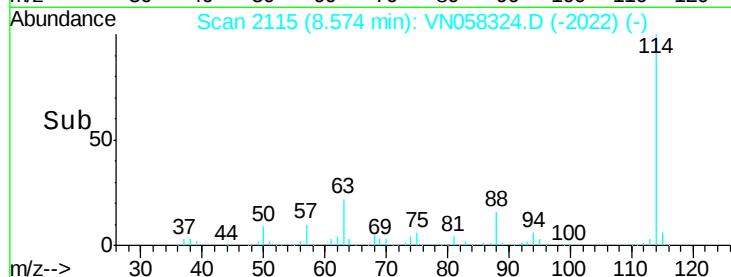
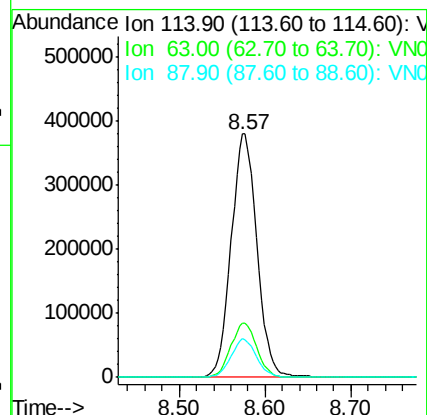
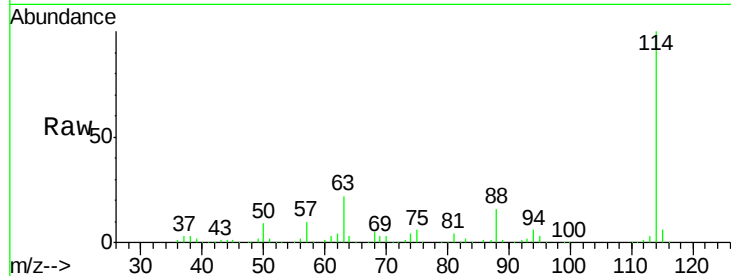
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058324.D
Acq: 24 Sep 2019 3:43

Instrument :
MSVOA_N
ClientSampleId :
WC-12-091919

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	22.3	0.0	44.2
88	15.8	0.0	31.6

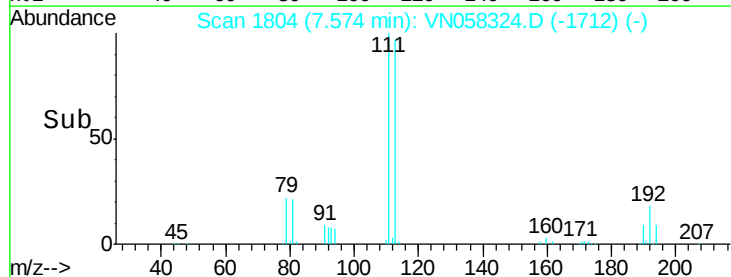
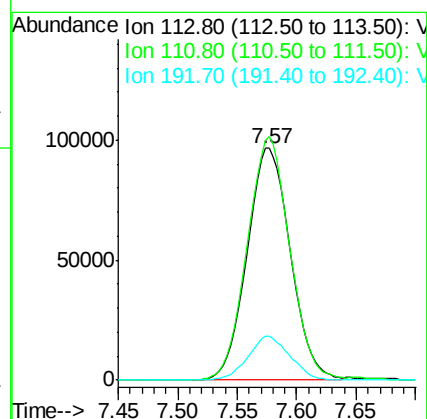
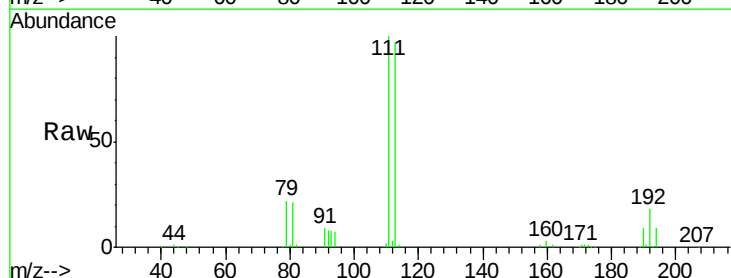
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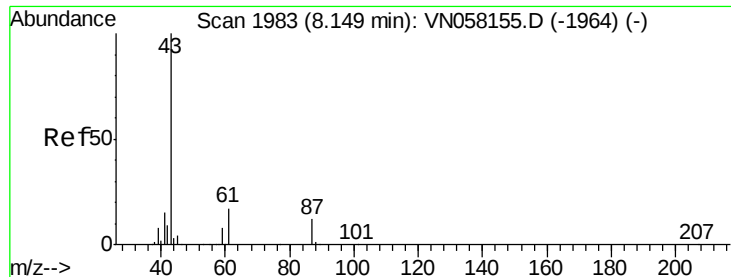
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#35
Dibromofluoromethane
Concen: 50.697 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058324.D
Acq: 24 Sep 2019 3:43

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.9	81.8	122.6
192	18.2	14.5	21.7





#43

Isopropyl Acetate

Concen: 11.841 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN058324.D

Acq: 24 Sep 2019 3:43

Instrument :

MSVOA_N

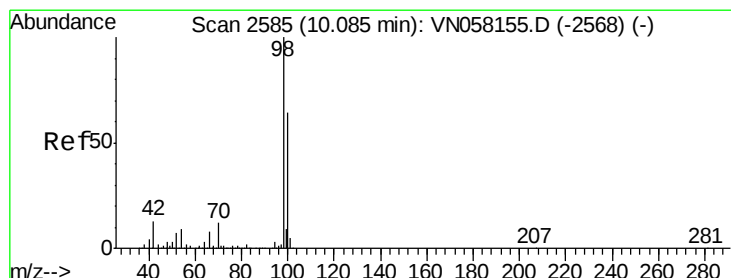
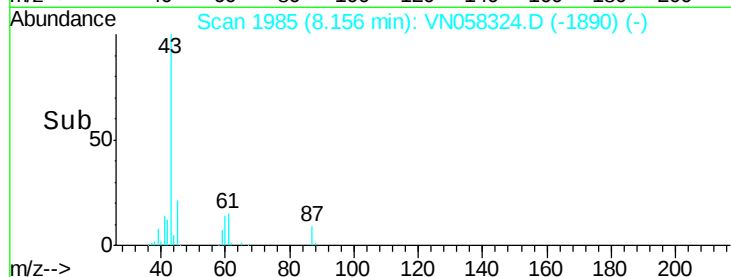
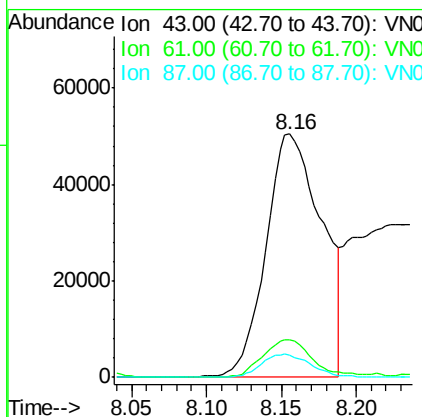
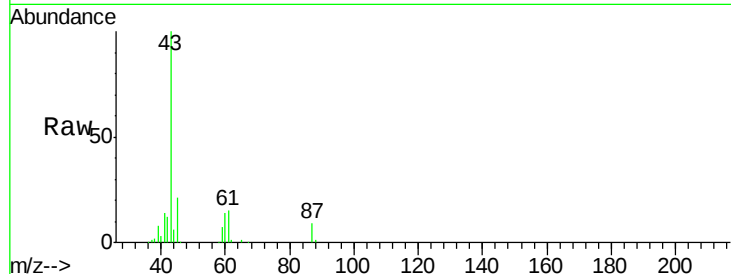
ClientSampleId :

WC-12-091919

Tot Ion:	43	Resp:	131044
Ion Ratio	Lower	Upper	
43	100		
61	13.7	19.7	29.5#
87	8.5	9.4	14.2#

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#50

Toluene-d8

Concen: 53.215 ug/l

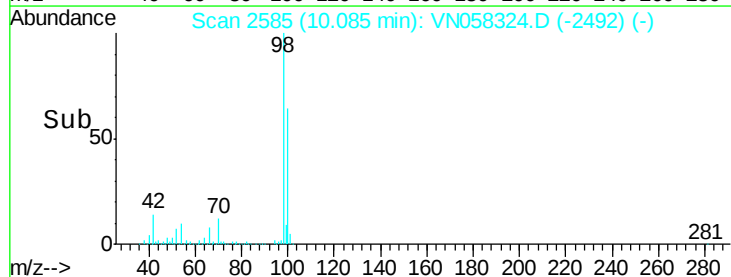
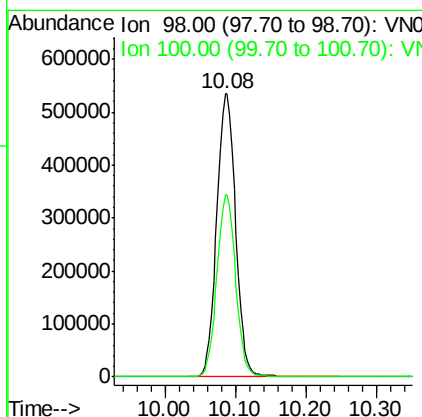
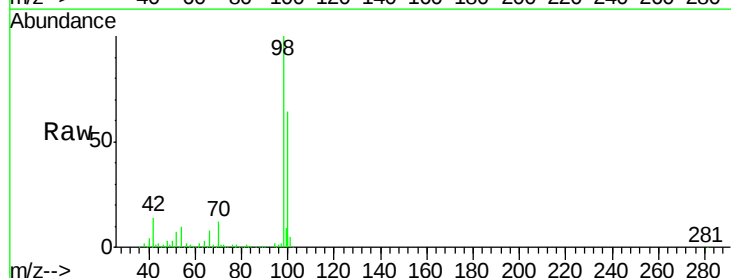
RT: 10.08 min Scan# 2585

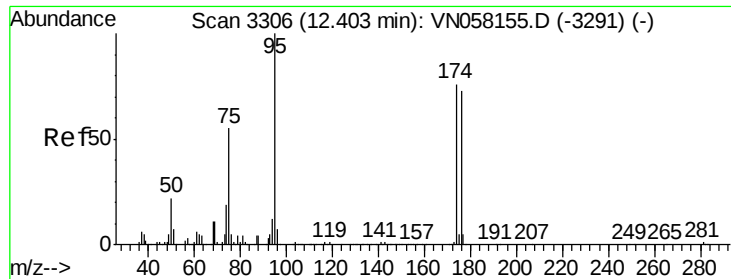
Delta R.T. -0.00 min

Lab File: VN058324.D

Acq: 24 Sep 2019 3:43

Tgt Ion:	98	Resp:	998009
Ion Ratio	Lower	Upper	
98	100		
100	63.7	51.1	76.7





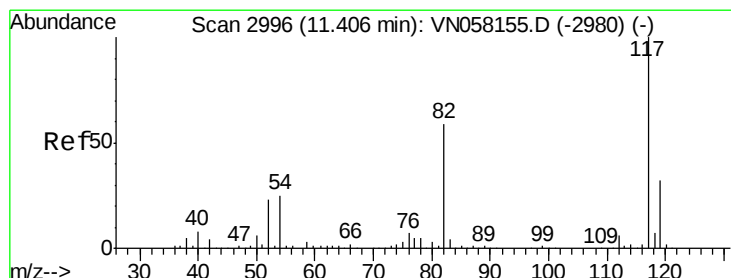
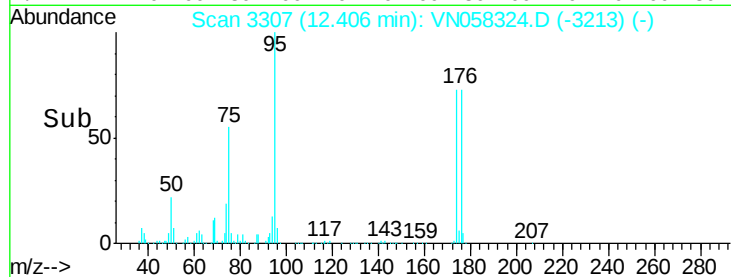
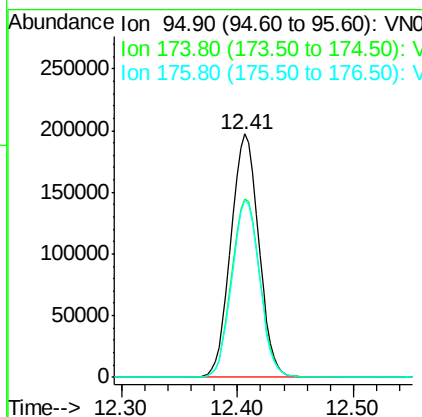
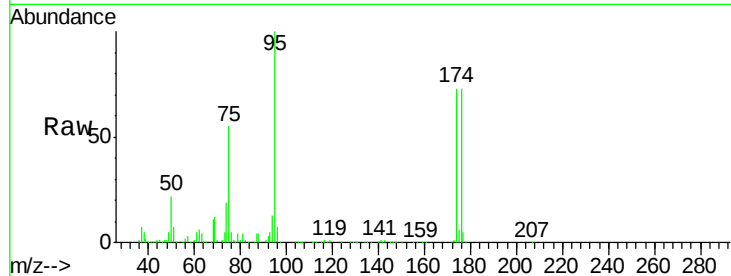
#62
4-Bromofluorobenzene
Concen: 47.167 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058324.D
Acq: 24 Sep 2019 3:43

Instrument :
MSVOA_N
ClientSampled :
WC-12-091919

Tot Ion	Ratio	Resp	Lower	Upper
95	100	328588		
174	74.2	0.0	152.2	
176	72.3	0.0	148.0	

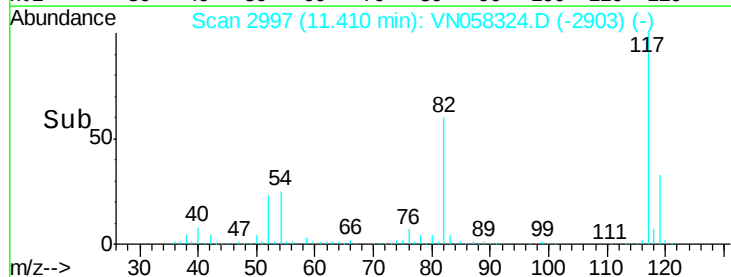
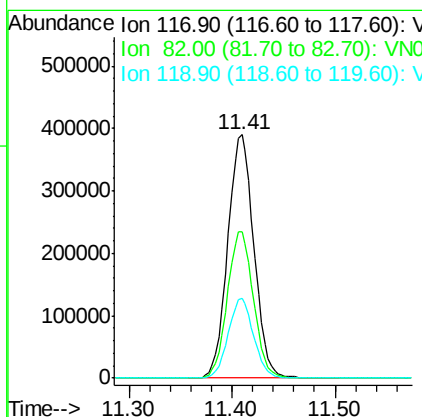
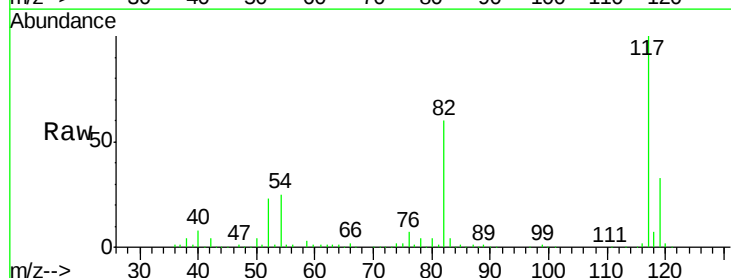
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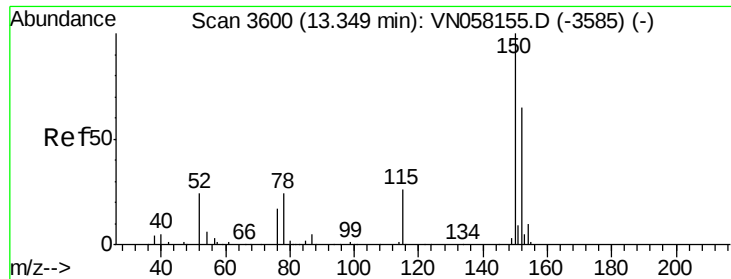
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058324.D
Acq: 24 Sep 2019 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	687860		
82	60.1	46.9	70.3	
119	32.6	25.3	37.9	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058324.D

Acq: 24 Sep 2019 3:43

Instrument :

MSVOA_N

ClientSampleId :

WC-12-091919

Tot Ion:152 Resp: 281938

Ion Ratio Lower Upper

152 100

115 62.6 30.1 90.3

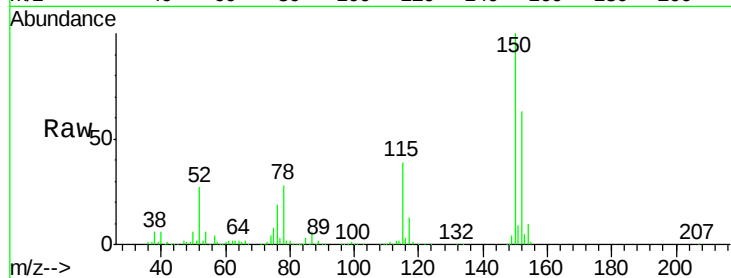
150 159.8 0.0 346.4

Manual Integrations

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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

