

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058323.D
 Acq On : 24 Sep 2019 3:21
 Operator : JC/SP
 Sample : K4997-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-11-091919

Quant Time: Sep 24 09:16:30 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

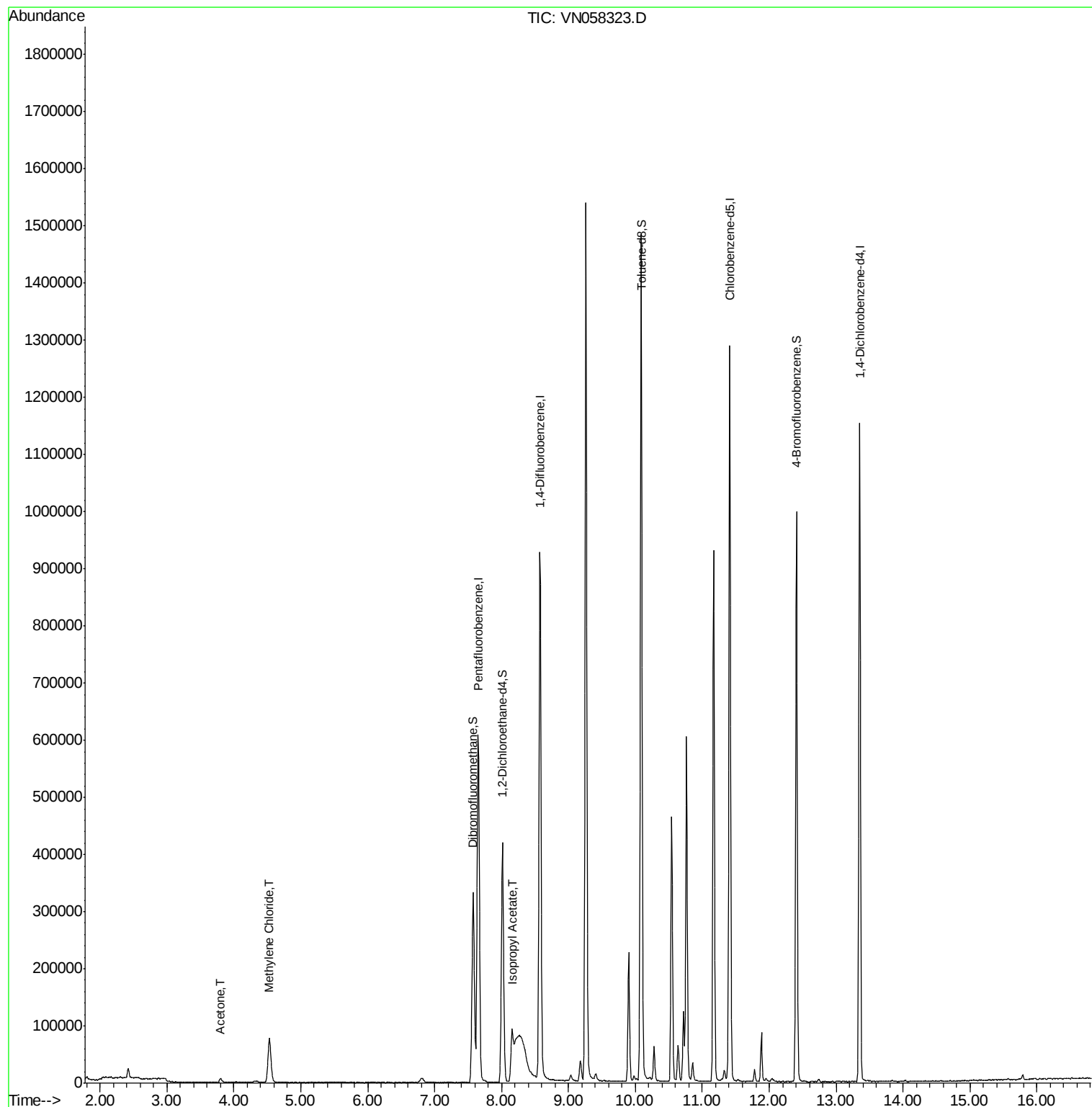
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	470755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	795909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	701159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	288652	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	364317	55.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.12%	
35) Dibromofluoromethane	7.58	113	247493	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
50) Toluene-d8	10.09	98	1019322	54.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.14%	
62) 4-Bromofluorobenzene	12.41	95	333938	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
Target Compounds						
16) Acetone	3.80	43	12118	5.445	ug/l	92
20) Methylene Chloride	4.53	84	56960	14.460	ug/l	98
43) Isopropyl Acetate	8.16	43	130019	11.688	ug/l #	81

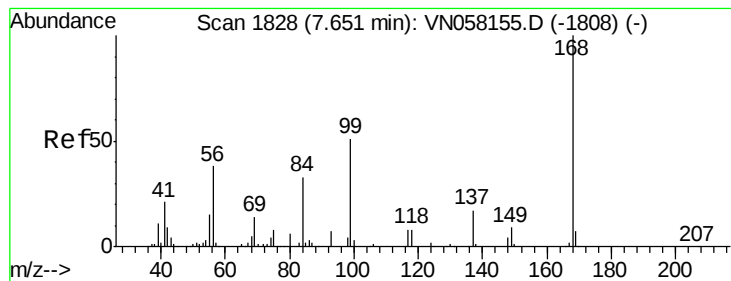
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092319\
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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: VN058323.D

Acq: 24 Sep 2019 3:21

Instrument :

MSVOA_N

ClientSampleId :

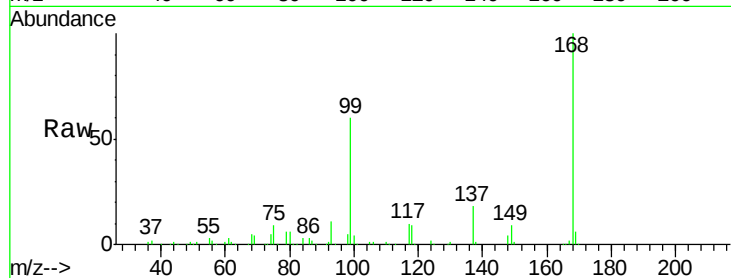
WC-11-091919

Tot Ion:168 Resp: 470755

Ion Ratio Lower Upper

168 100

99 60.0 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

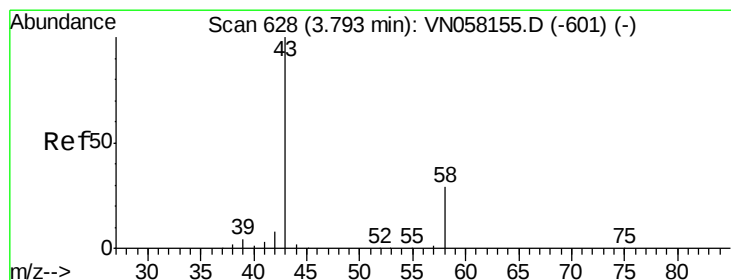
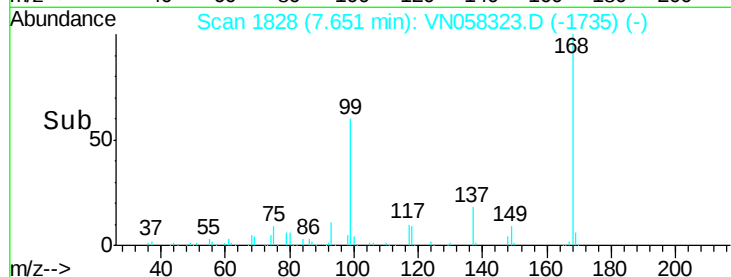
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.445 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058323.D

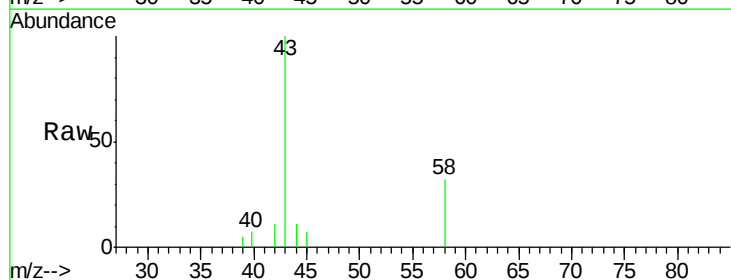
Acq: 24 Sep 2019 3:21

Tgt Ion: 43 Resp: 12118

Ion Ratio Lower Upper

43 100

58 33.4 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

5000

4000

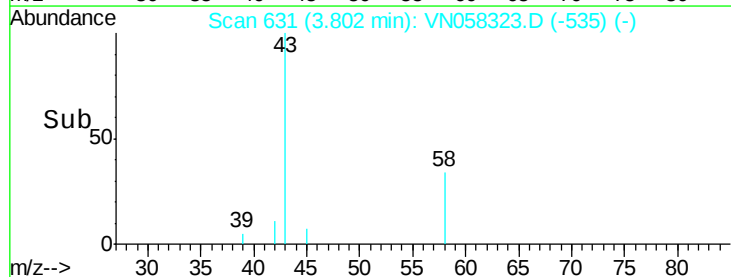
3000

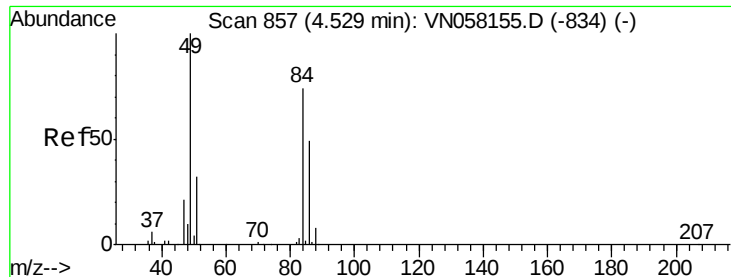
2000

1000

0

Time-->

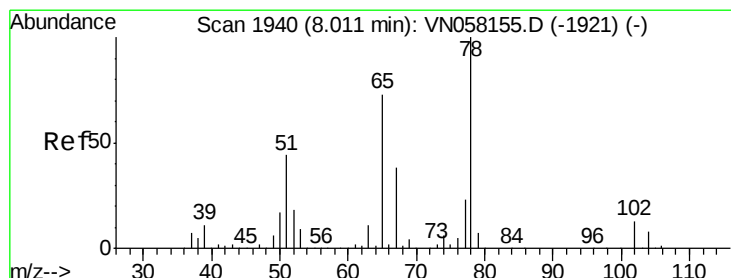
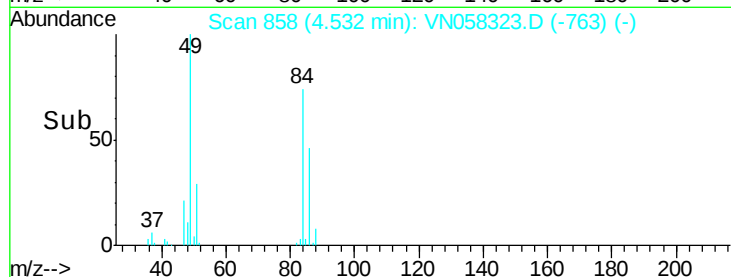
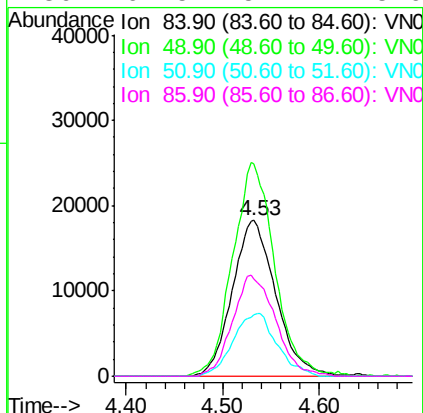
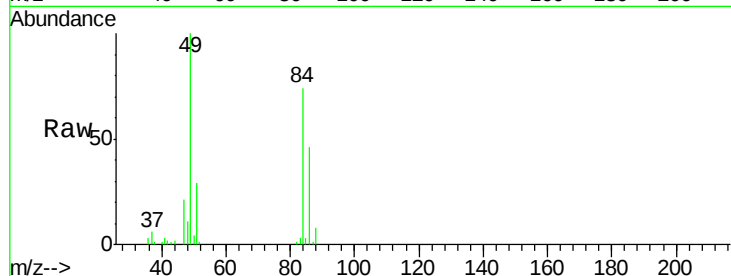




#20
Methvlene Chloride
Concen: 14.460 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN058323.D
Acq: 24 Sep 2019 3:21

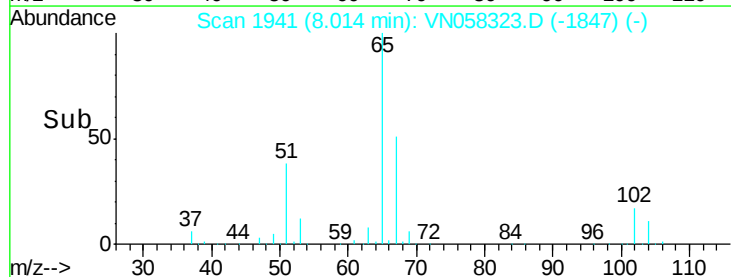
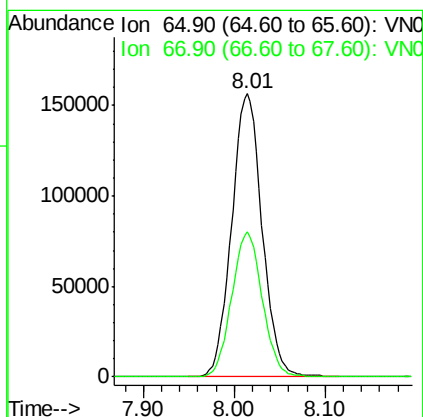
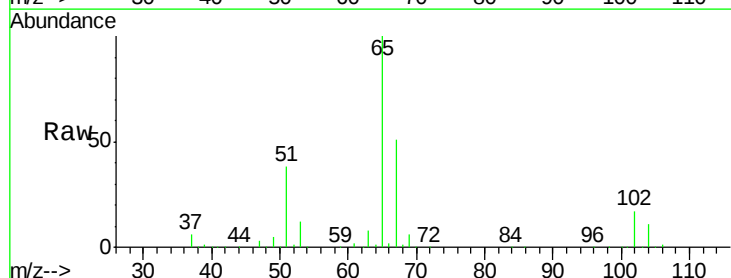
Instrument :
MSVOA_N
ClientSampleId :
WC-11-091919

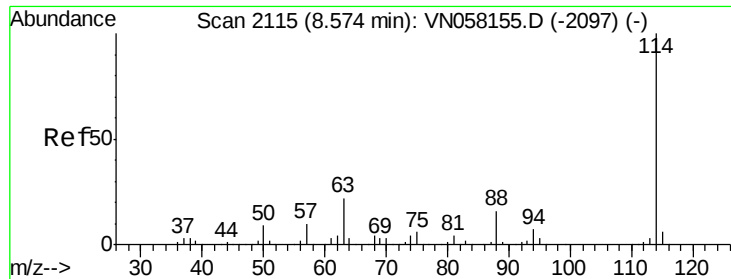
Tot Ion: 84 Resp: 56960
Ion Ratio Lower Upper
84 100
49 134.9 107.5 161.3
51 39.6 33.9 50.9
86 62.5 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 55.564 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058323.D
Acq: 24 Sep 2019 3:21

Tgt Ion: 65 Resp: 364317
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4

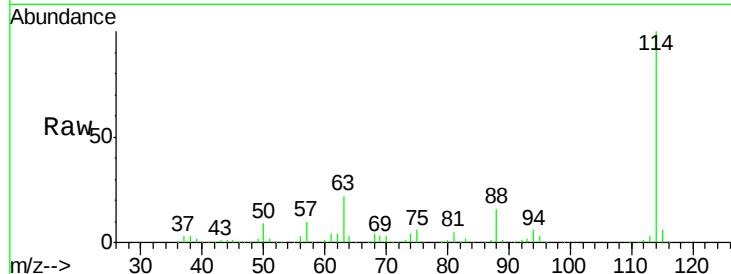




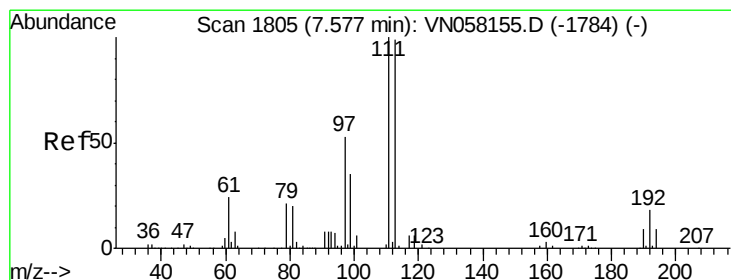
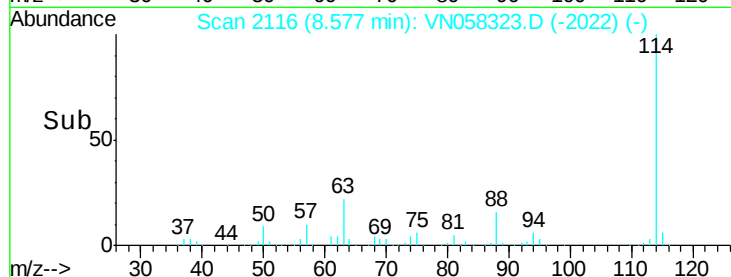
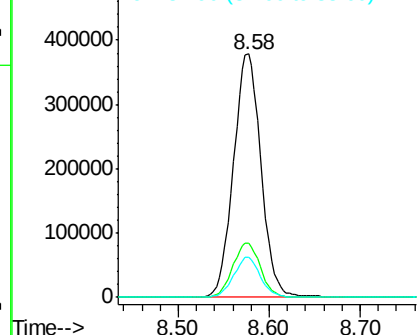
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058323.D
 Acq: 24 Sep 2019 3:21

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-11-091919

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	44.2
88	16.4	0.0	31.6

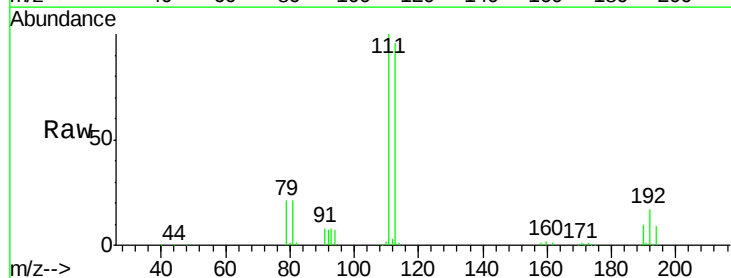


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

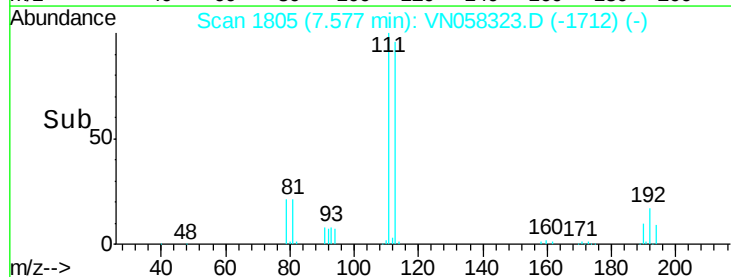
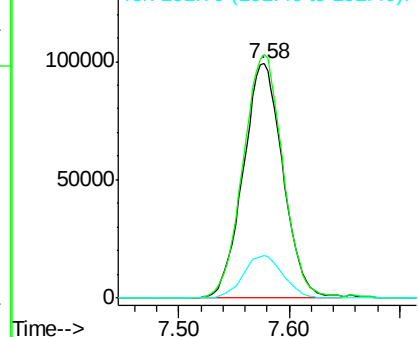


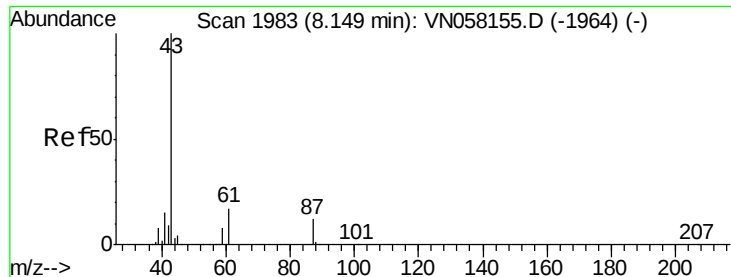
#35
 Dibromofluoromethane
 Concen: 51.151 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058323.D
 Acq: 24 Sep 2019 3:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.8	122.6
192	18.3	14.5	21.7



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.688 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN058323.D

Acq: 24 Sep 2019 3:21

Instrument :

MSVOA_N

ClientSampleId :

WC-11-091919

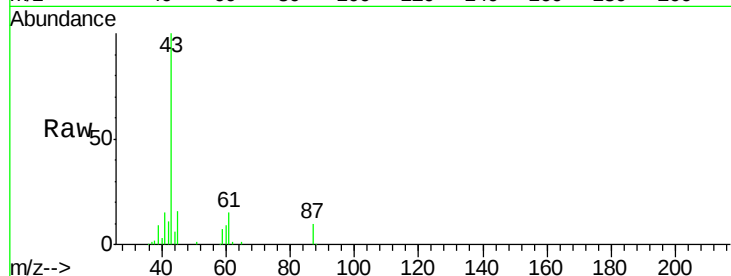
Tot Ion: 43 Resp: 130019

Ion Ratio Lower Upper

43 100

61 12.6 19.7 29.5#

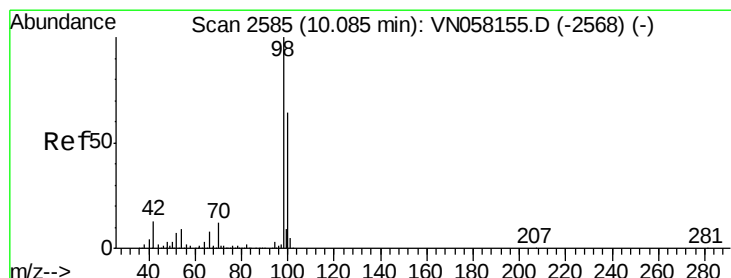
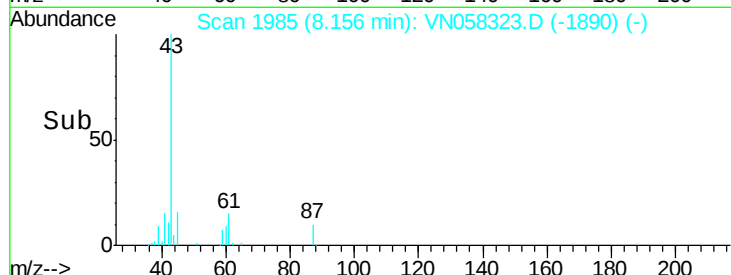
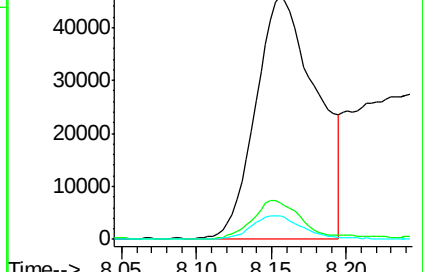
87 8.1 9.4 14.2#



Abundance Ion 43.00 (42.70 to 43.70): VN058155.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN058155.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN058155.D (-1964) (-)



#50

Toluene-d8

Concen: 54.071 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058323.D

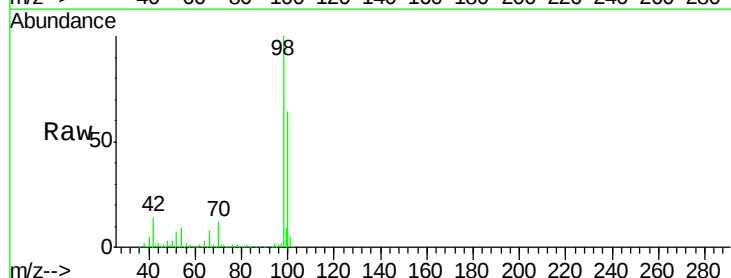
Acq: 24 Sep 2019 3:21

Tgt Ion: 98 Resp: 1019322

Ion Ratio Lower Upper

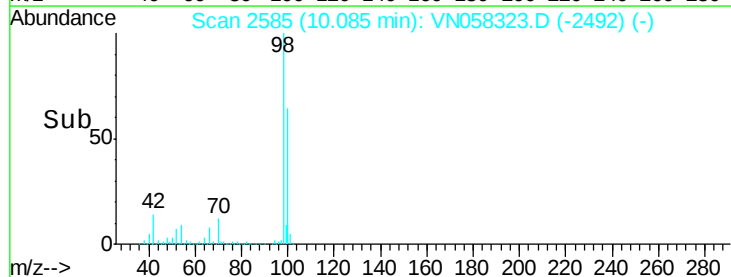
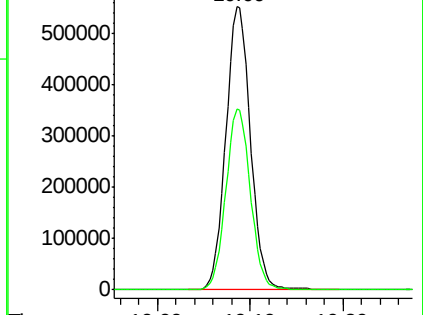
98 100

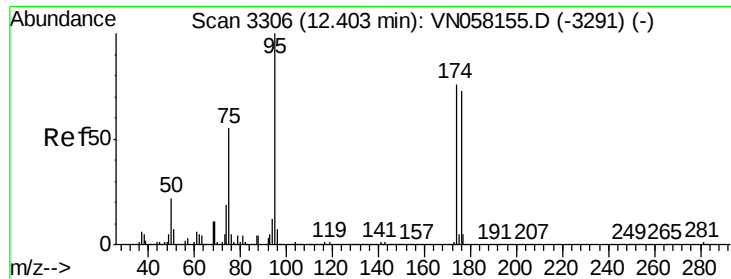
100 63.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN058155.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN058155.D (-2568) (-)

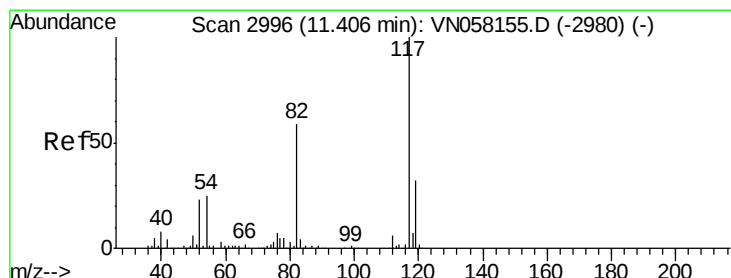
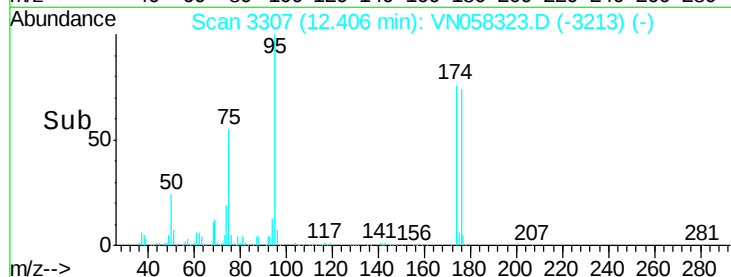
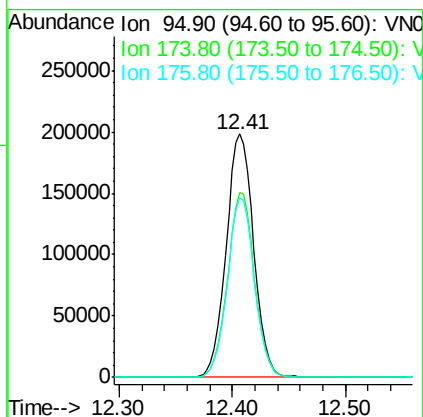
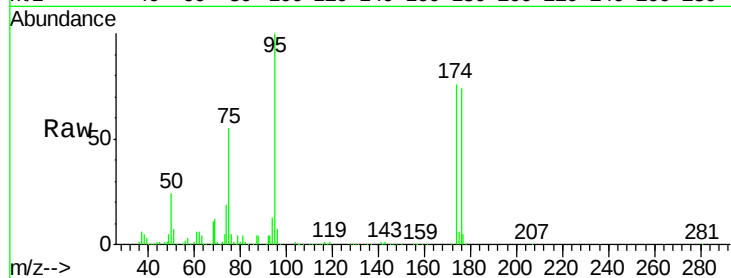




#62
4-Bromofluorobenzene
Concen: 47.687 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058323.D
Acq: 24 Sep 2019 3:21

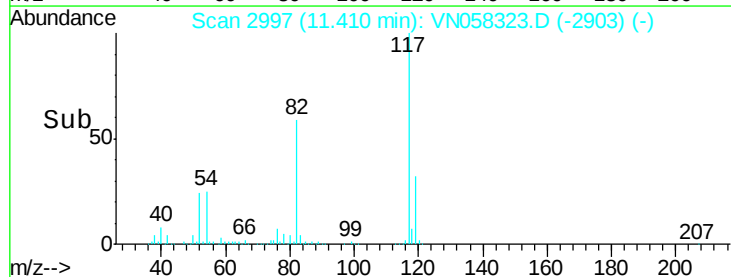
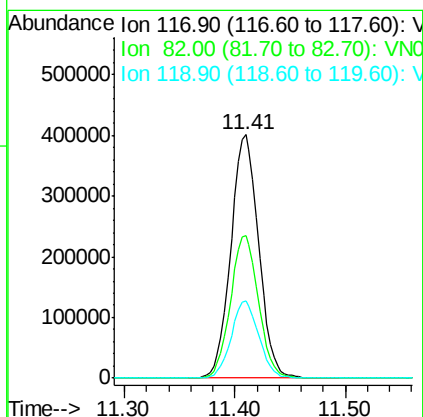
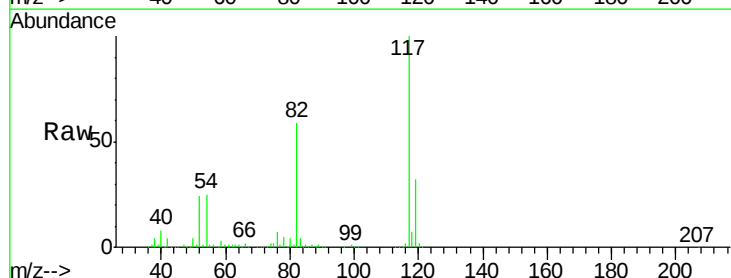
Instrument :
MSVOA_N
ClientSampled :
WC-11-091919

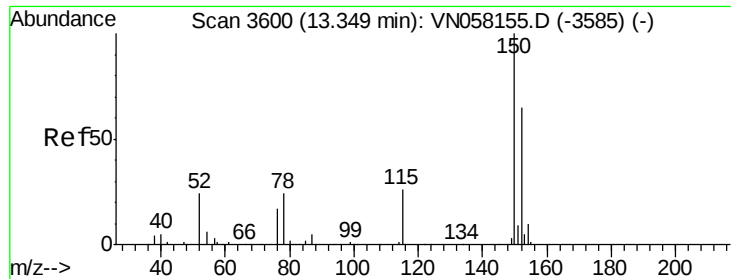
Tot Ion: 95 Resp: 333938
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.2
176 72.3 0.0 148.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058323.D
Acq: 24 Sep 2019 3:21

Tgt Ion: 117 Resp: 701159
Ion Ratio Lower Upper
117 100
82 58.8 46.9 70.3
119 31.8 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: VN058323.D

Acq: 24 Sep 2019 3:21

Instrument :

MSVOA_N

ClientSampleId :

WC-11-091919

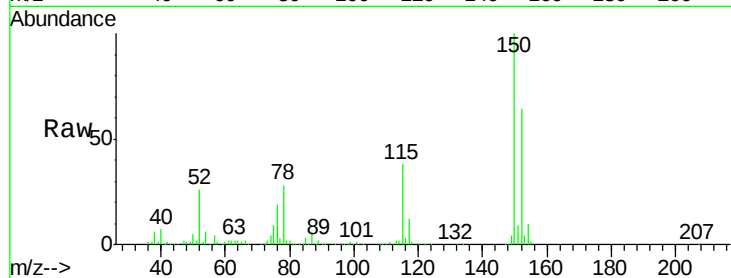
Tot Ion:152 Resp: 288652

Ion Ratio Lower Upper

152 100

115 60.6 30.1 90.3

150 159.2 0.0 346.4



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

