

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054342.D
 Acq On : 16 Mar 2019 17:40
 Operator : JC/SP
 Sample : K1960-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-16-10.5-031419

Quant Time: Mar 18 06:51:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

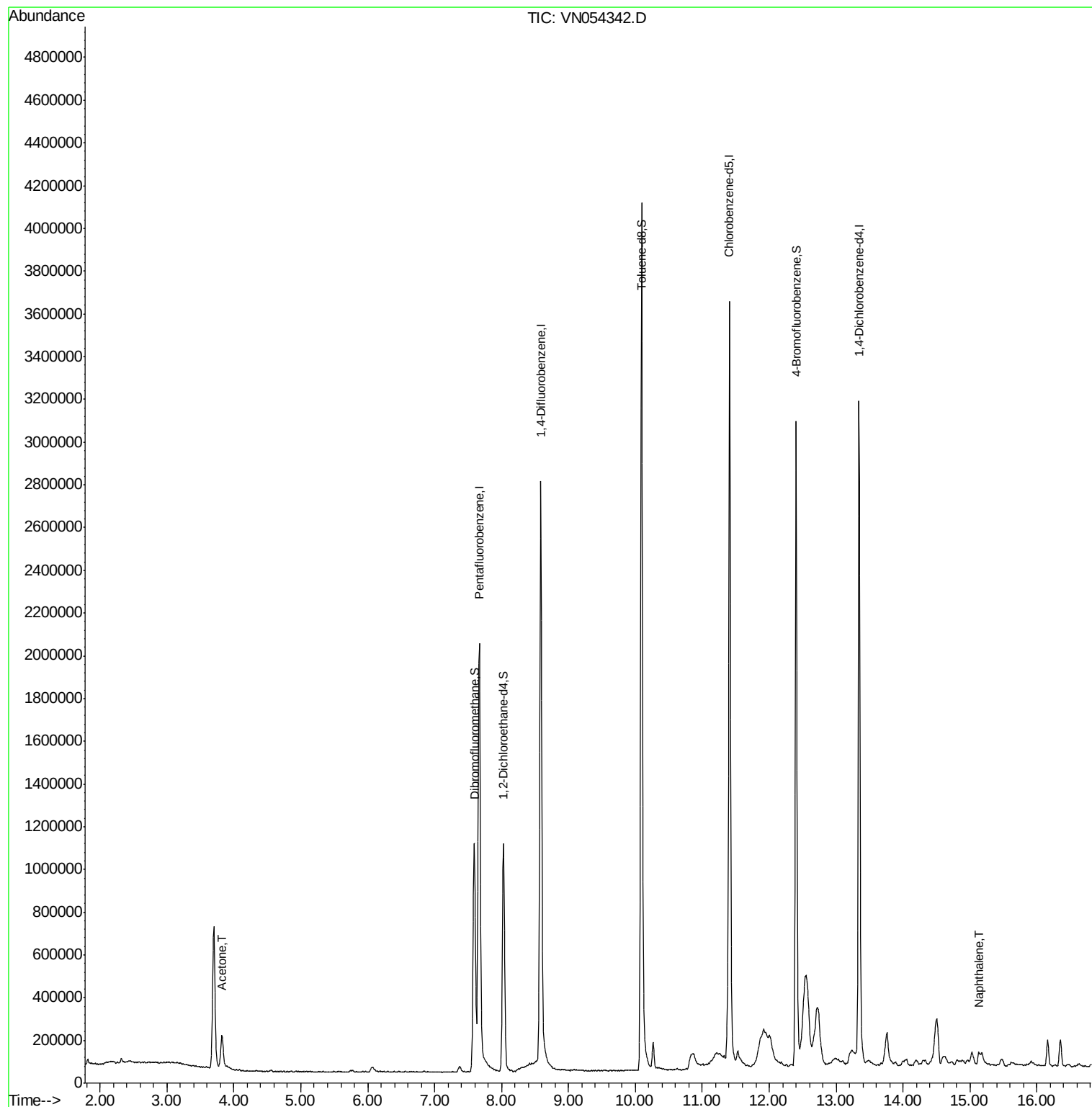
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	2011976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2838462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2349339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	912987	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	926128	43.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.68%	
35) Dibromofluoromethane	7.59	113	820711	44.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.66%	
50) Toluene-d8	10.09	98	3261535	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
62) 4-Bromofluorobenzene	12.40	95	989545	41.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.66%	
Target Compounds						
16) Acetone	3.82	43	245960	40.203	ug/l	97
95) Naphthalene	15.13	128	56190	4.776	ug/l	96

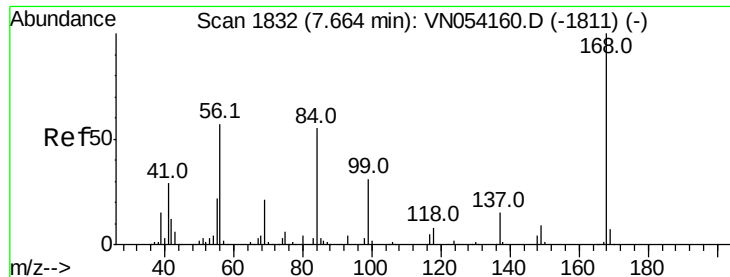
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054342.D

Acq: 16 Mar 2019 17:40

Instrument :

MSVOA_N

ClientSampleId :

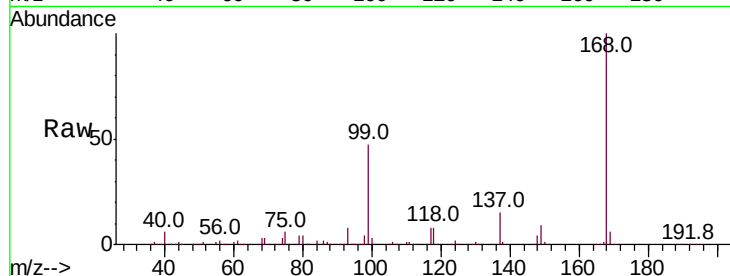
T11-MW-16-10.5-031419

Tot Ion:168 Resp: 2011976

Ion Ratio Lower Upper

168 100

99 47.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

800000

600000

400000

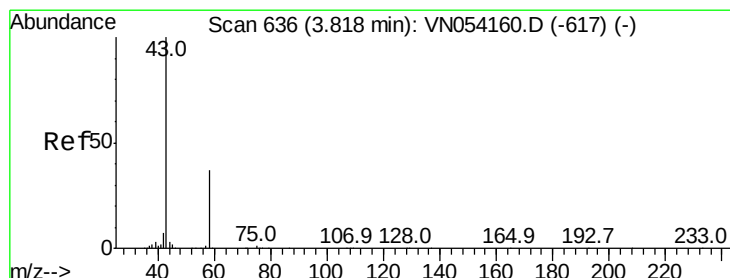
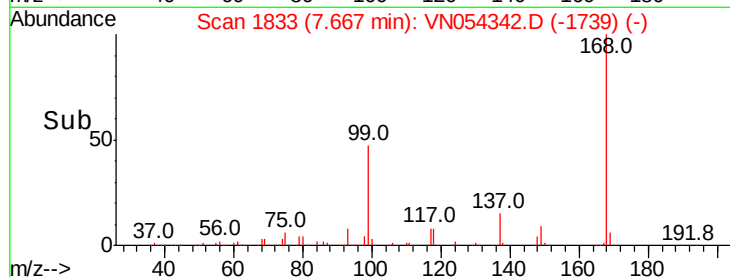
200000

0

7.60

7.80

Time-->



#16

Acetone

Concen: 40.203 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054342.D

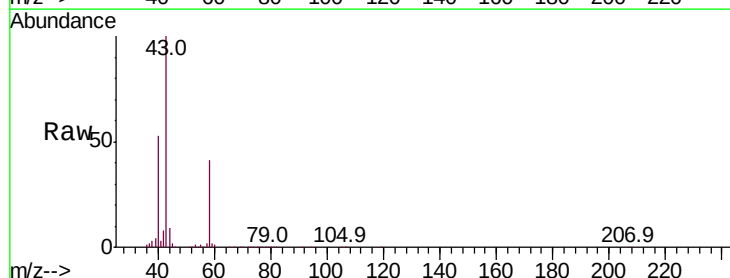
Acq: 16 Mar 2019 17:40

Tgt Ion: 43 Resp: 245960

Ion Ratio Lower Upper

43 100

58 39.2 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

400000

300000

200000

100000

0

3.70

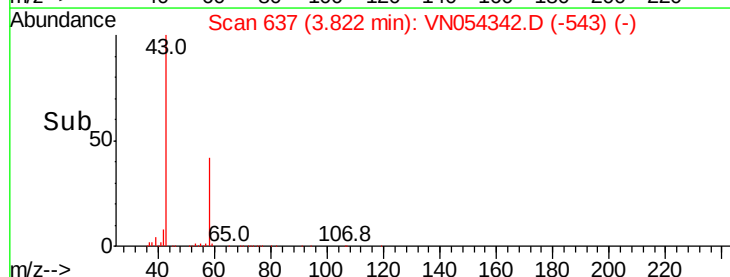
3.75

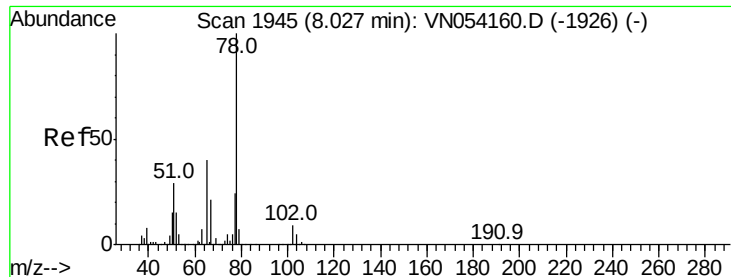
3.80

3.85

3.90

Time-->





#33

1,2-Dichloroethane-d4

Concen: 43.343 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054342.D

Acq: 16 Mar 2019 17:40

Instrument :

MSVOA_N

ClientSampleId :

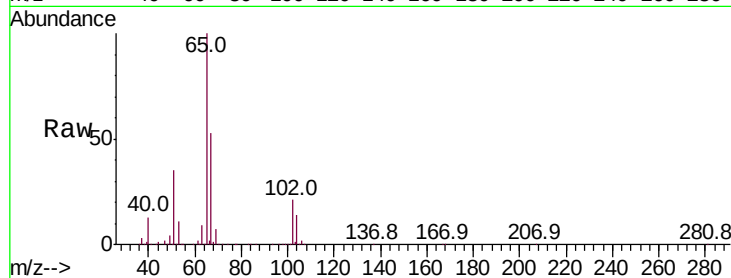
T11-MW-16-10.5-031419

Tot Ion: 65 Resp: 926128

Ion Ratio Lower Upper

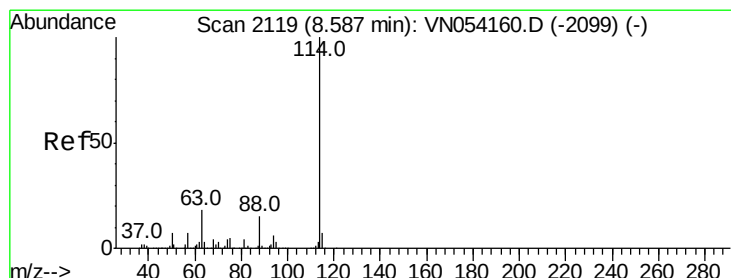
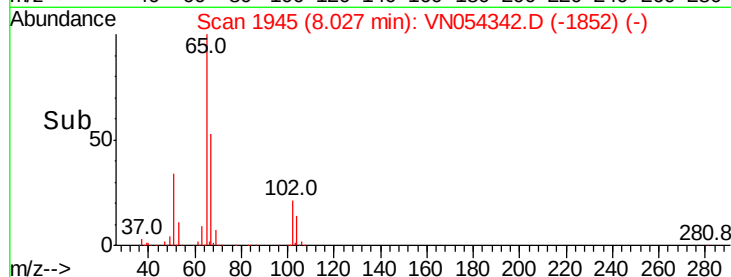
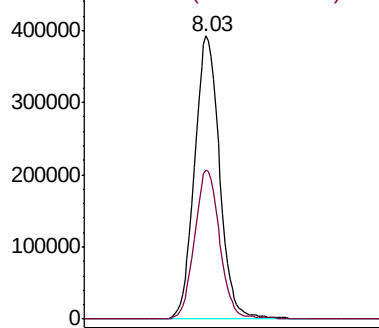
65 100

67 53.3 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054342.D

Acq: 16 Mar 2019 17:40

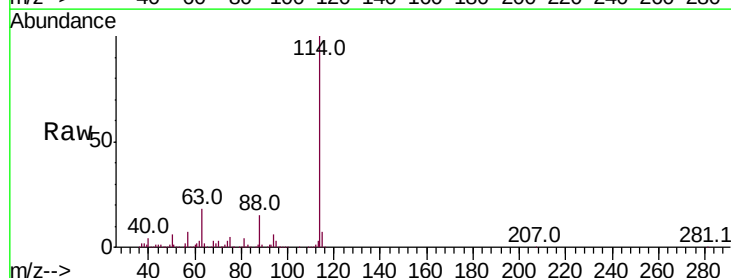
Tgt Ion: 114 Resp: 2838462

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.2

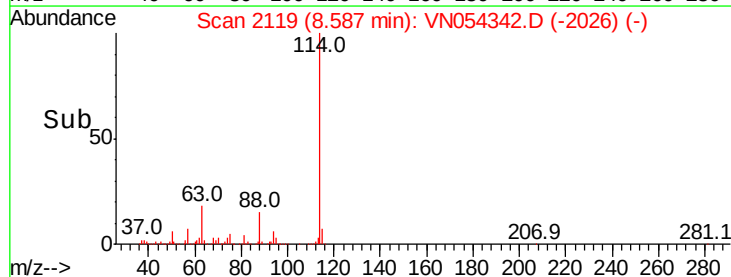
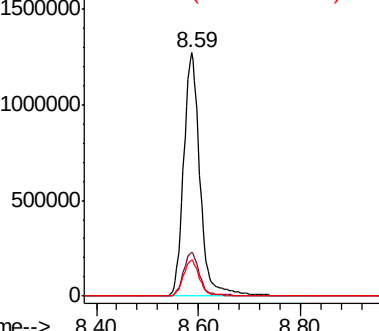
88 14.7 0.0 30.2

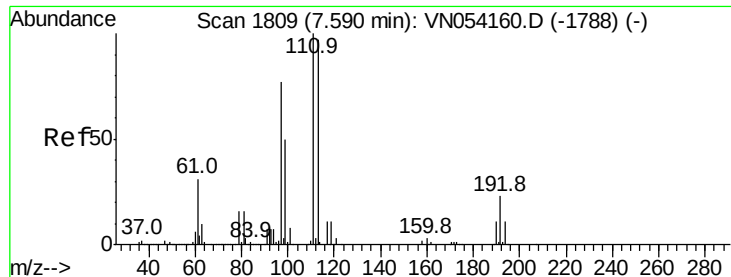


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

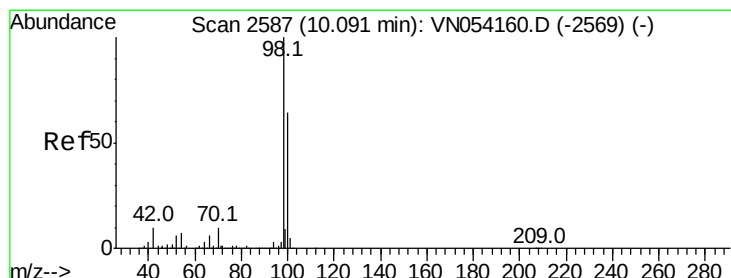
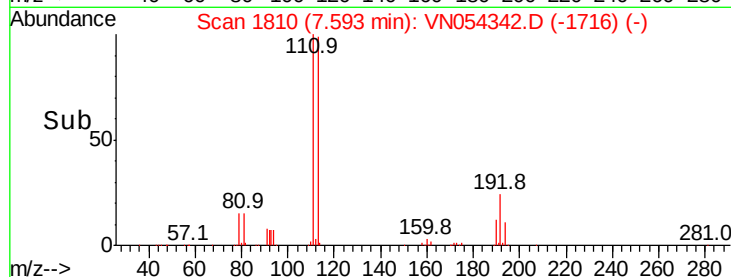
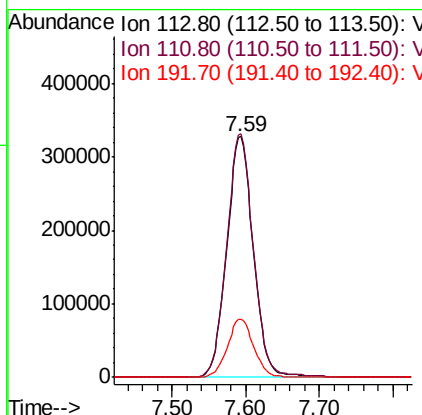
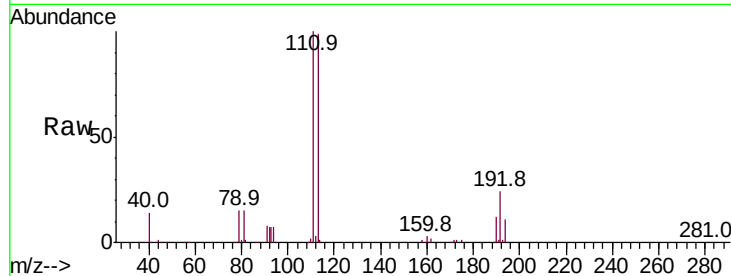




#35
 Dibromofluoromethane
 Concen: 44.831 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054342.D
 Acq: 16 Mar 2019 17:40

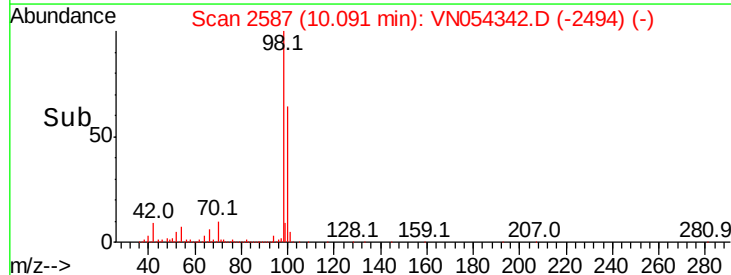
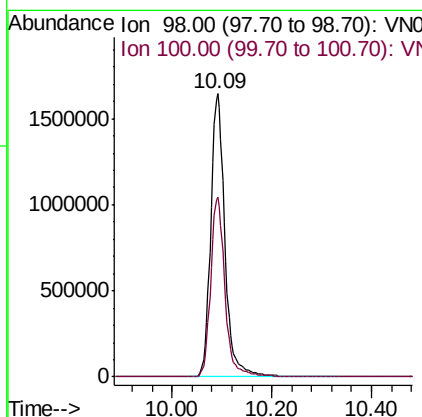
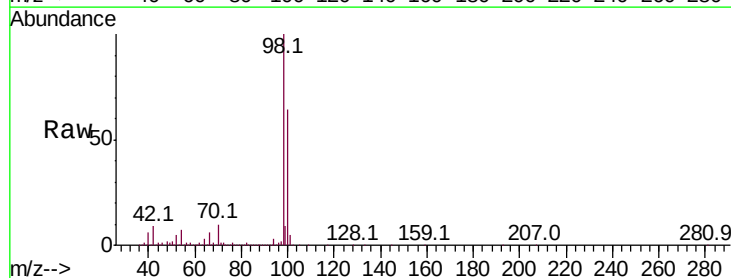
Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-16-10.5-031419

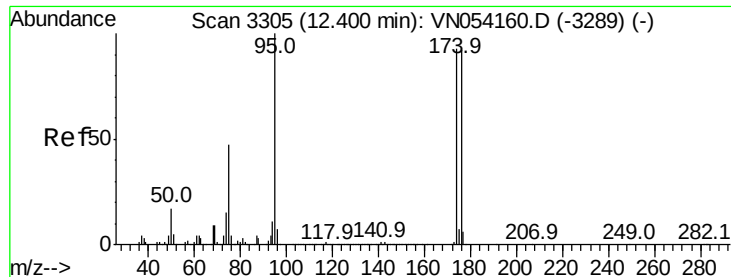
Tot Ion:113 Resp: 820711
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.4
 192 23.8 19.2 28.8



#50
 Toluene-d8
 Concen: 48.240 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN054342.D
 Acq: 16 Mar 2019 17:40

Tgt Ion: 98 Resp: 3261535
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.2 76.8

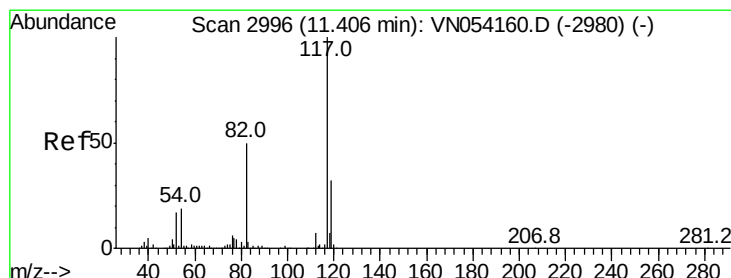
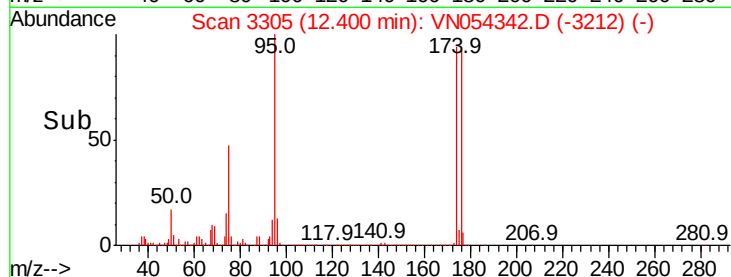
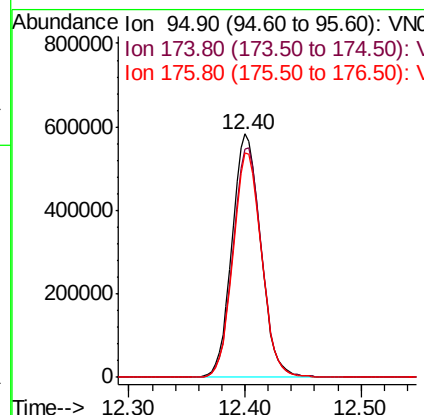
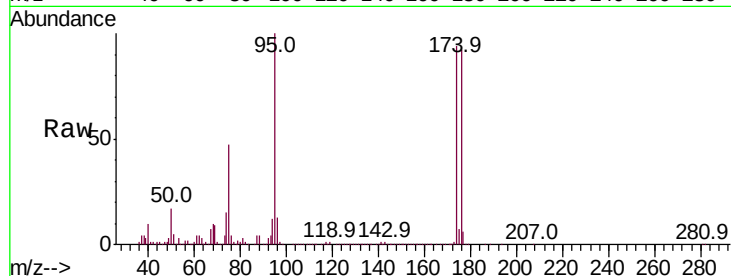




#62
4-Bromofluorobenzene
Concen: 41.829 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054342.D
Acq: 16 Mar 2019 17:40

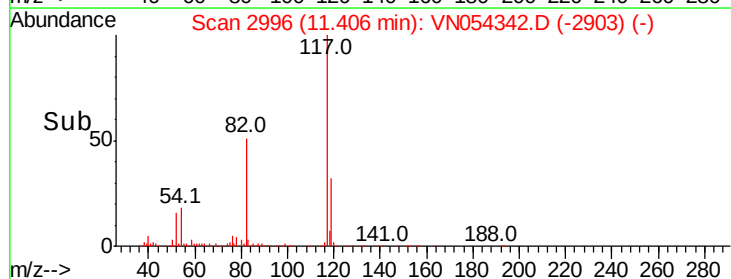
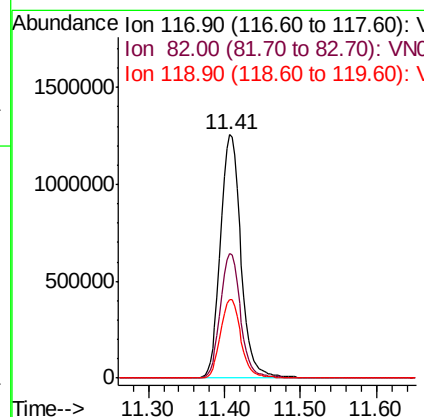
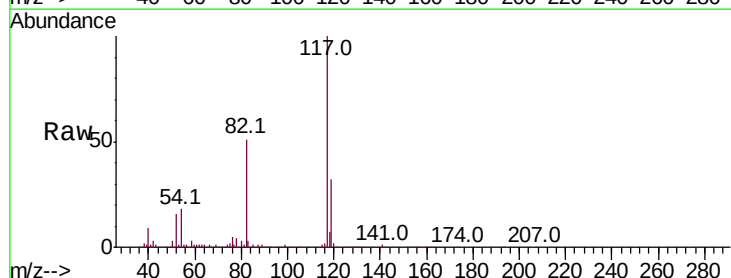
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-16-10.5-031419

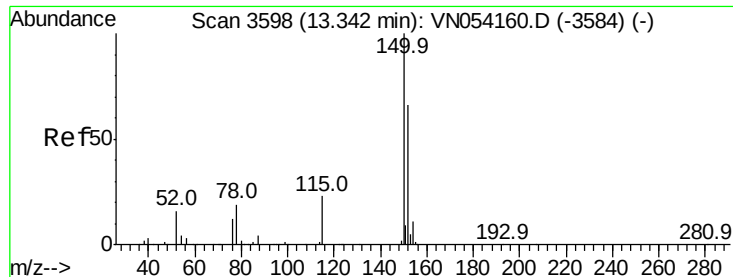
Tot Ion	95	Resp	989545
Ion Ratio	100		
174	94.3	0.0	191.0
176	91.8	0.0	187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054342.D
Acq: 16 Mar 2019 17:40

Tgt Ion	117	Resp	2349339
Ion Ratio	100		
82	51.4	40.0	60.0
119	32.3	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054342.D

Acq: 16 Mar 2019 17:40

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-16-10.5-031419

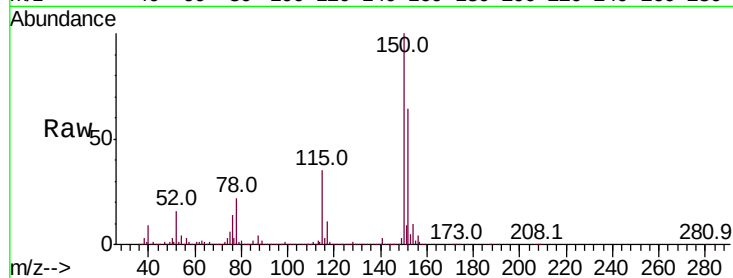
Tot Ion:152 Resp: 912987

Ion Ratio Lower Upper

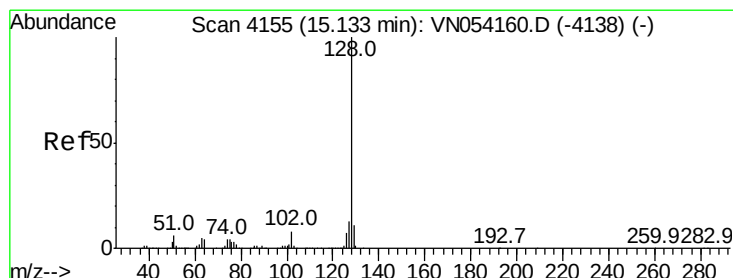
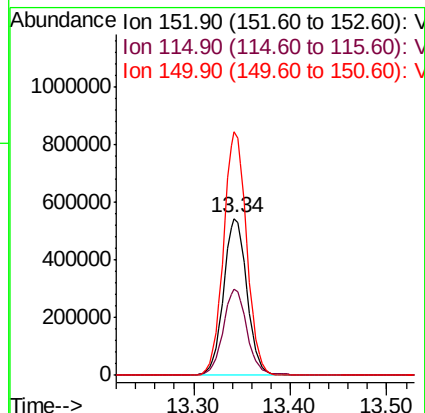
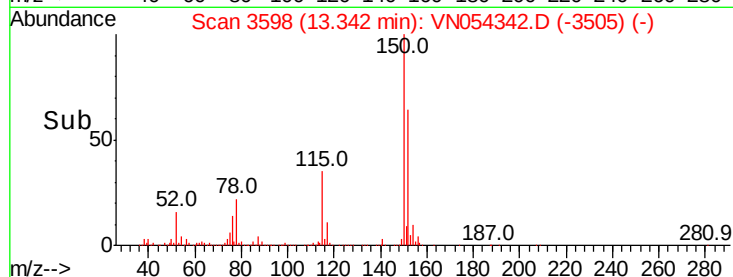
152 100

115 56.0 27.2 81.6

150 152.7 0.0 349.2



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



#95

Naphthalene

Concen: 4.776 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054342.D

Acq: 16 Mar 2019 17:40

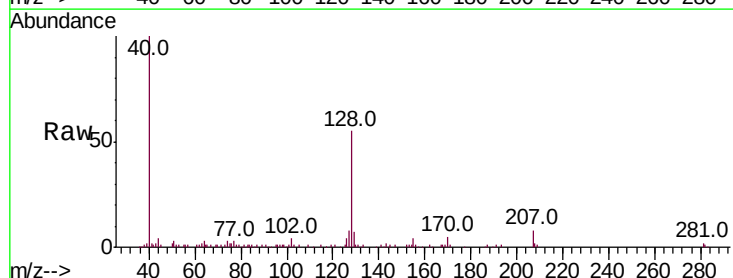
Tgt Ion:128 Resp: 56190

Ion Ratio Lower Upper

128 100

127 14.9 10.1 15.1

129 11.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

