

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091819\
 Data File : VN058183.D
 Acq On : 18 Sep 2019 23:08
 Operator : JC/SP
 Sample : K4940-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 13159

Quant Time: Sep 19 07:34:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 02:07:09 2019
 Response via : Initial Calibration

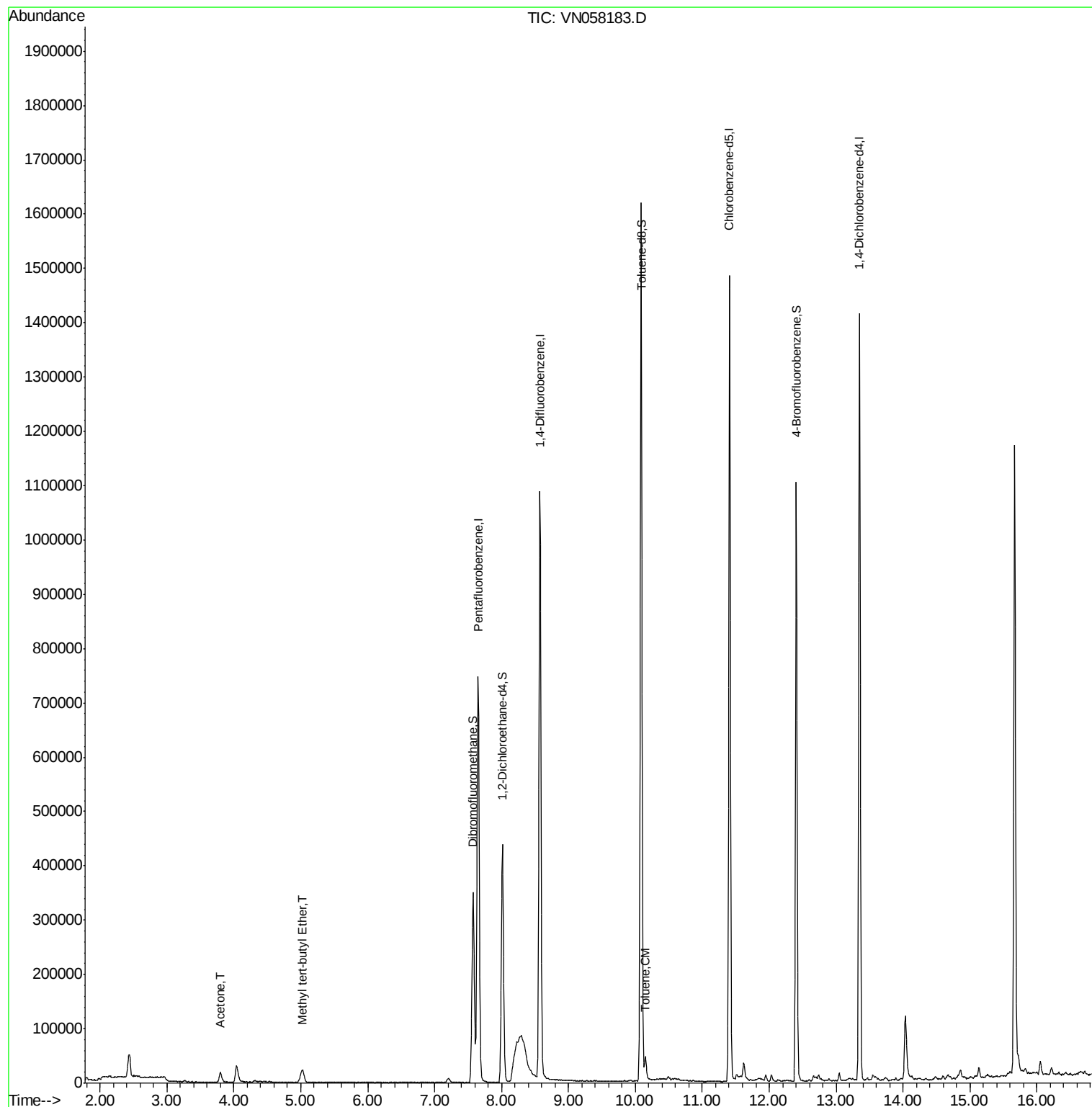
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	594034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	950284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	813254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	359157	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	380647	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
35) Dibromofluoromethane	7.58	113	269197	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
50) Toluene-d8	10.08	98	1114484	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.41	95	373823	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.42%	
Target Compounds						
16) Acetone	3.80	43	31570	11.241	ug/l	98
19) Methyl tert-butyl Ether	5.02	73	39833	2.199	ug/l	99
52) Toluene	10.15	92	14993	1.143	ug/l	86

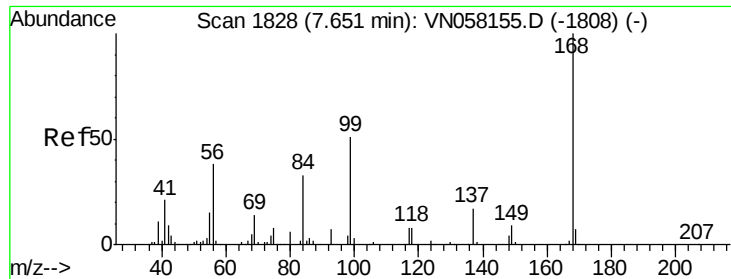
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091819\
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Quant Title : SW846 8260
QLast Update : Thu Sep 19 02:07:09 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: VN058183.D

Acq: 18 Sep 2019 23:08

Instrument :

MSVOA_N

ClientSampled :

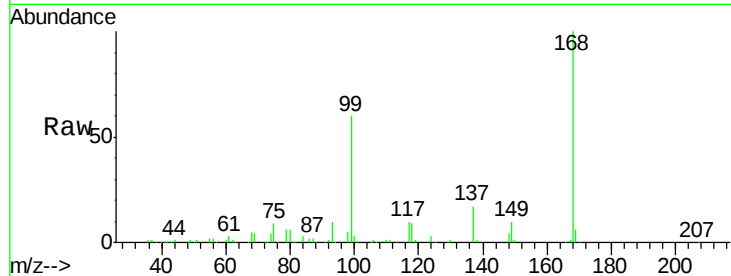
13159

Tot Ion:168 Resp: 594034

Ion Ratio Lower Upper

168 100

99 60.1 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

150000

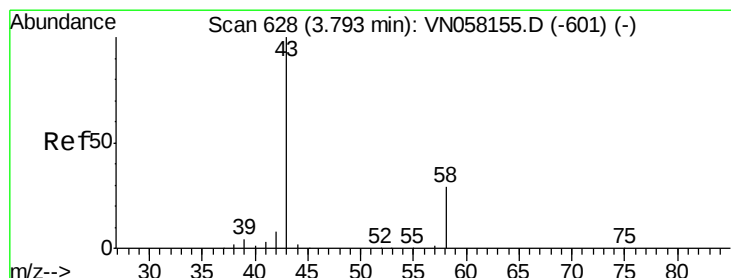
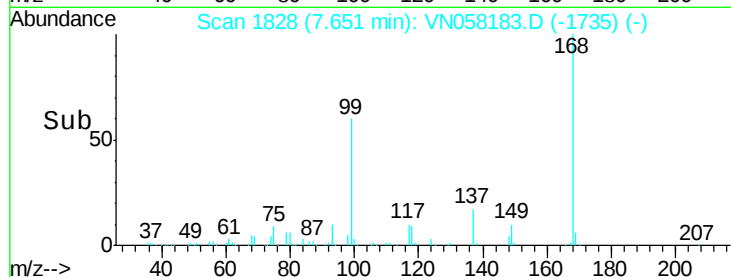
100000

50000

0

Time-->

7.50 7.60 7.70 7.80



#16

Acetone

Concen: 11.241 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058183.D

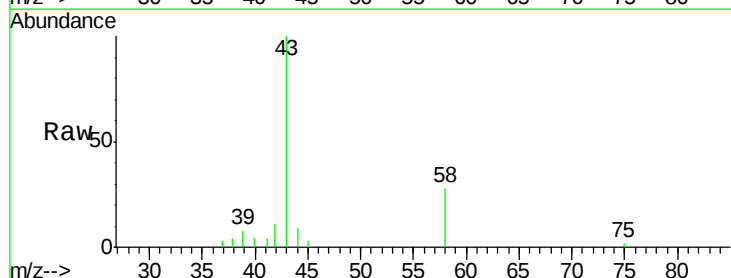
Acq: 18 Sep 2019 23:08

Tgt Ion: 43 Resp: 31570

Ion Ratio Lower Upper

43 100

58 28.5 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

12000

10000

8000

6000

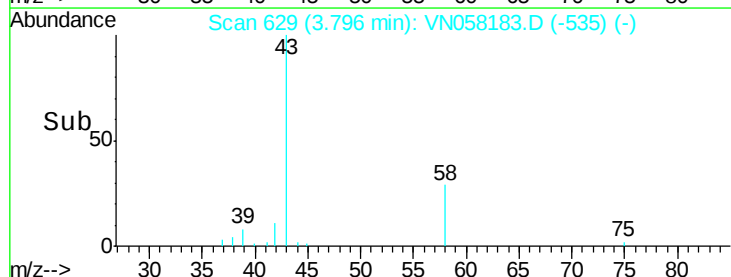
4000

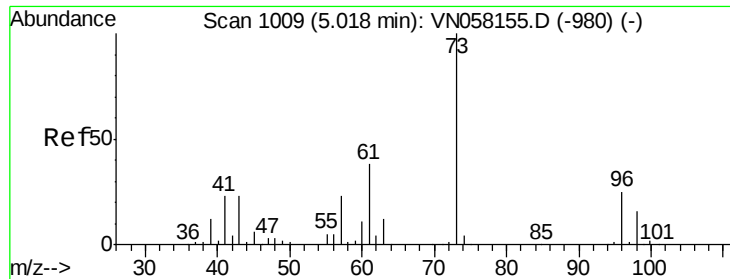
2000

0

Time-->

3.70 3.75 3.80 3.85 3.90

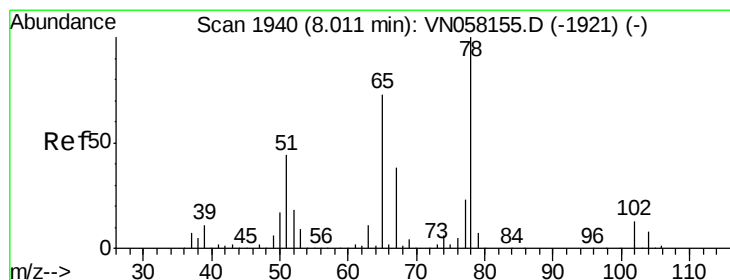
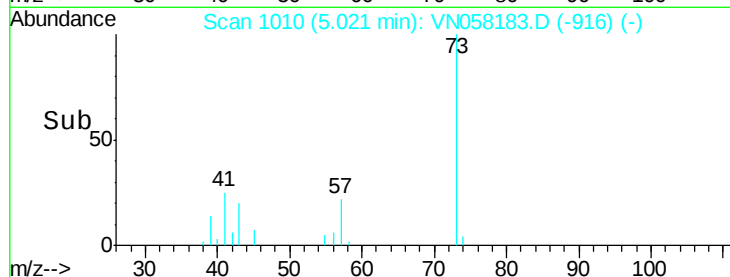
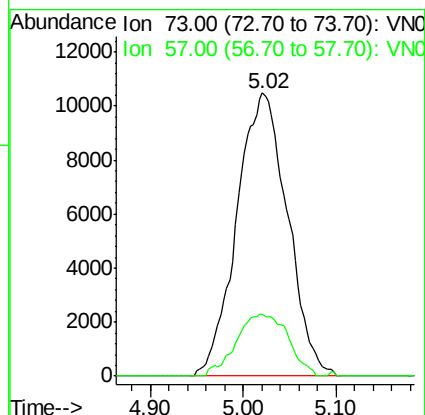
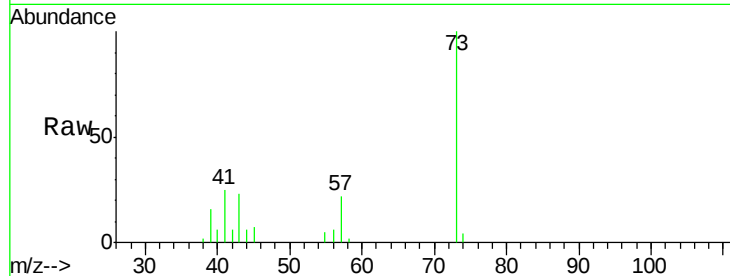




#19
Methvl tert-butvl Ether
Concen: 2.199 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN058183.D
Acq: 18 Sep 2019 23:08

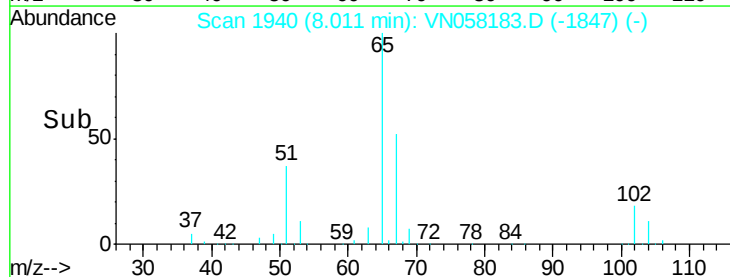
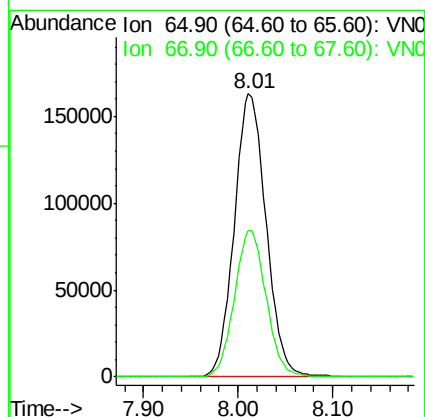
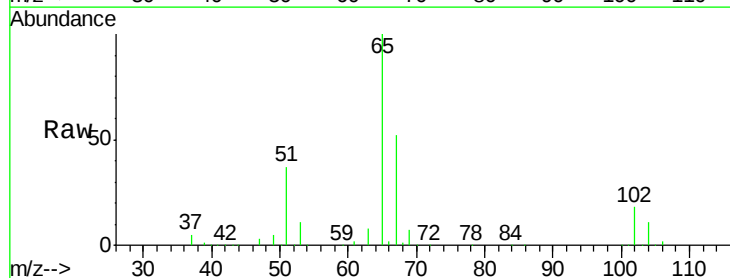
Instrument :
MSVOA_N
ClientSampleId :
13159

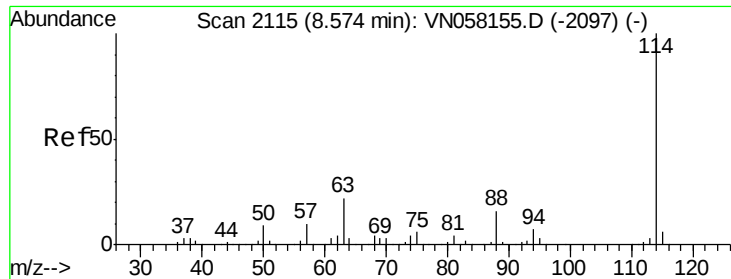
Tot Ion: 73 Resp: 39833
Ion Ratio Lower Upper
73 100
57 22.0 18.1 27.1



#33
1,2-Dichloroethane-d4
Concen: 46.007 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN058183.D
Acq: 18 Sep 2019 23:08

Tgt Ion: 65 Resp: 380647
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4

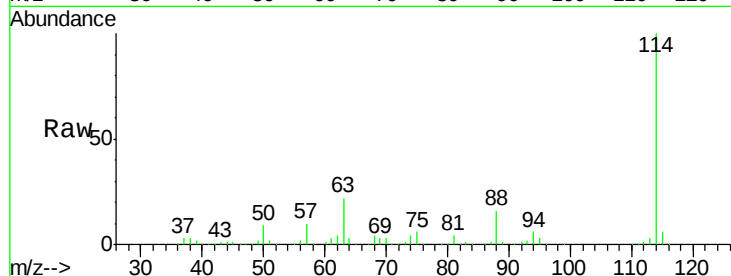




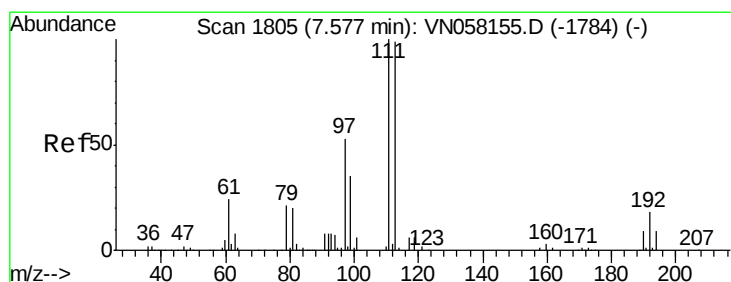
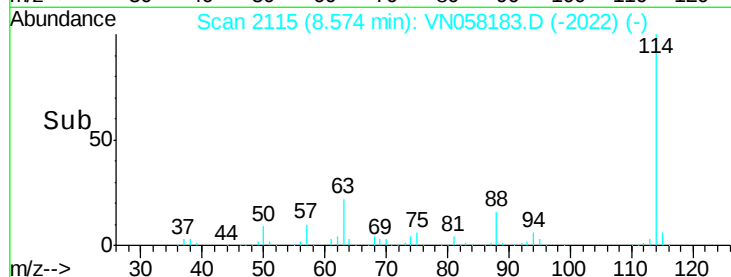
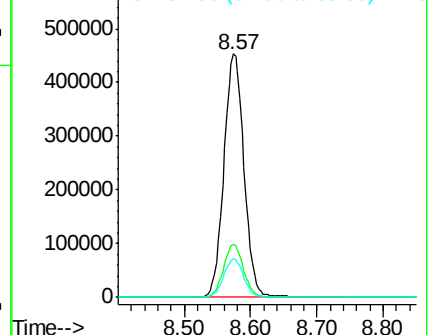
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058183.D
 Acq: 18 Sep 2019 23:08

Instrument :
 MSVOA_N
 ClientSampleId :
 13159

Tot Ion:114 Resp: 950284
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 44.2
 88 15.8 0.0 31.6

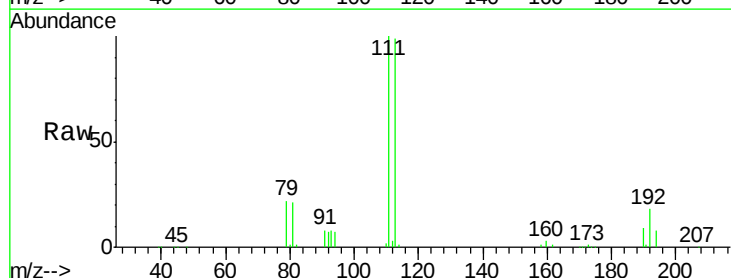


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

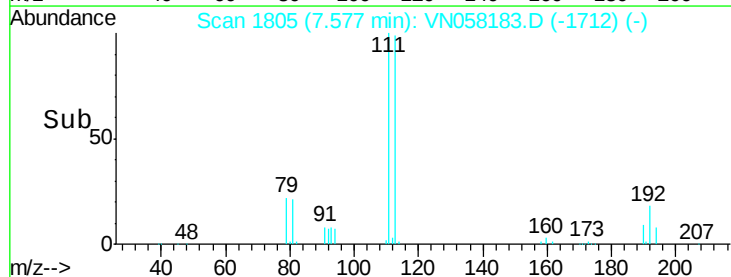
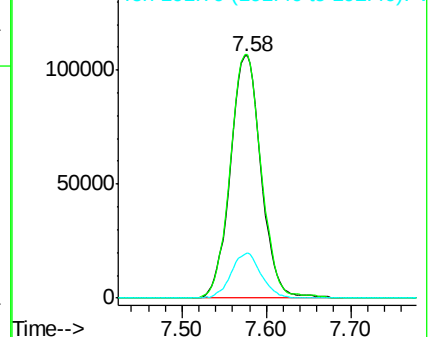


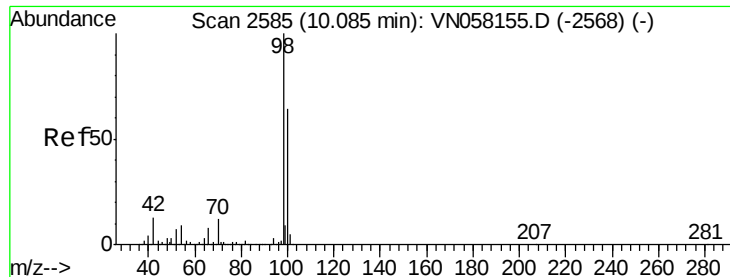
#35
 Dibromofluoromethane
 Concen: 46.599 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN058183.D
 Acq: 18 Sep 2019 23:08

Tgt Ion:113 Resp: 269197
 Ion Ratio Lower Upper
 113 100
 111 101.4 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





#50

Toluene-d8

Concen: 49.515 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058183.D

Acq: 18 Sep 2019 23:08

Instrument :

MSVOA_N

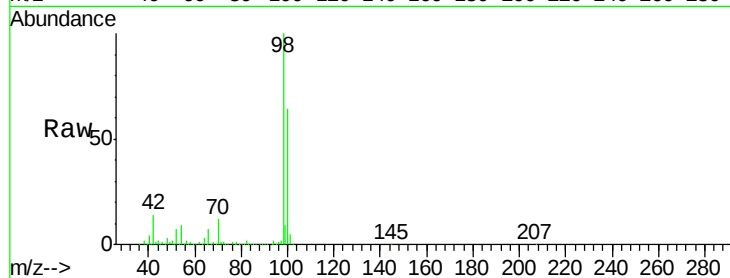
ClientSampleId :
13159

Tot Ion: 98 Resp: 1114484

Ion Ratio Lower Upper

98 100

100 63.4 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) (-)

10.08

600000

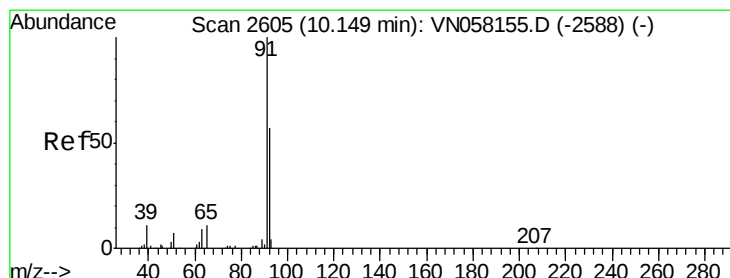
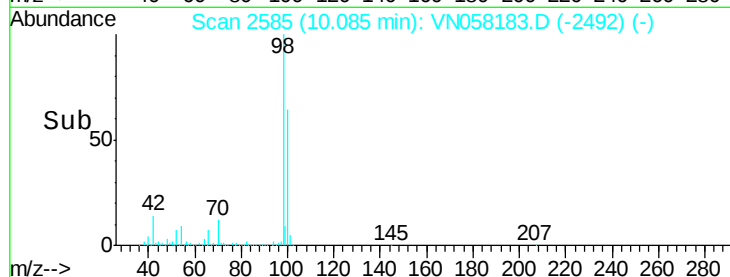
400000

200000

0

10.00 10.10 10.20

Time-->



#52

Toluene

Concen: 1.143 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN058183.D

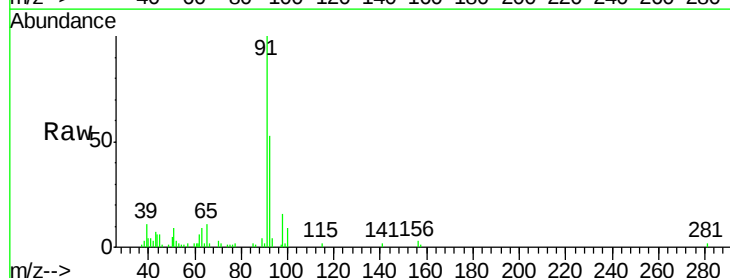
Acq: 18 Sep 2019 23:08

Tgt Ion: 92 Resp: 14993

Ion Ratio Lower Upper

92 100

91 195.3 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VN058155.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN058155.D (-2588) (-)

10.15

15000

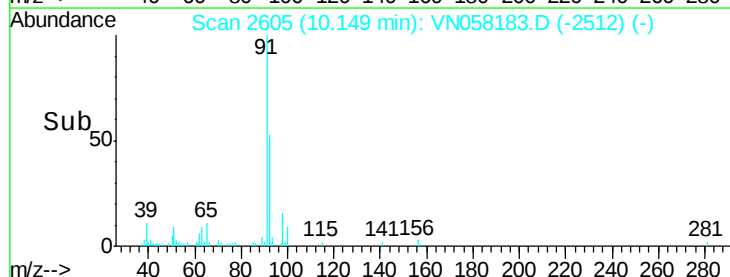
10000

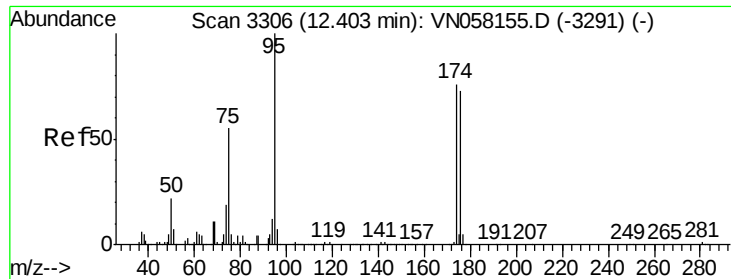
5000

0

10.10 10.15 10.20

Time-->





#62

4-Bromofluorobenzene

Concen: 44.711 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058183.D

Acq: 18 Sep 2019 23:08

Instrument :

MSVOA_N

ClientSampleId :
13159

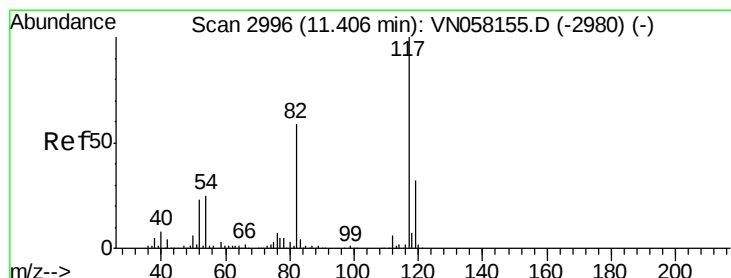
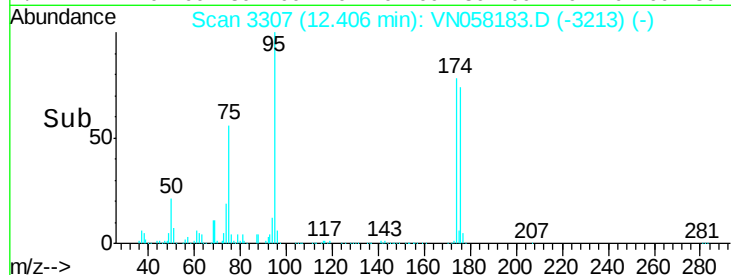
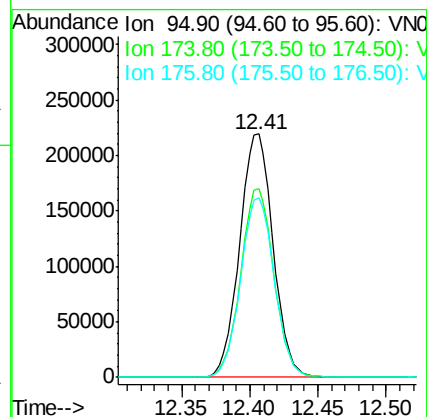
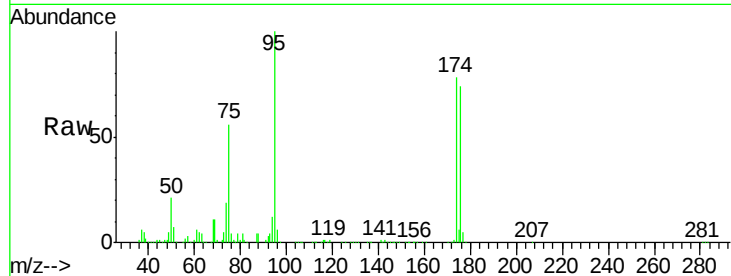
Tot Ion: 95 Resp: 373823

Ion Ratio Lower Upper

95 100

174 76.8 0.0 152.2

176 74.2 0.0 148.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN058183.D

Acq: 18 Sep 2019 23:08

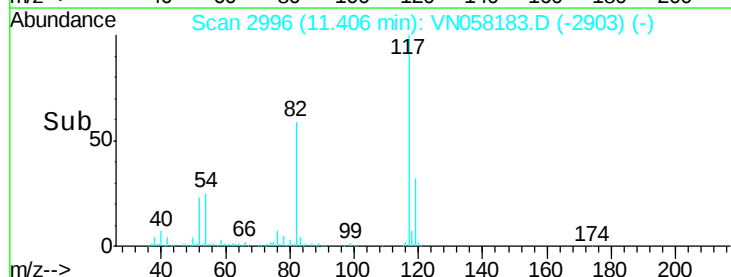
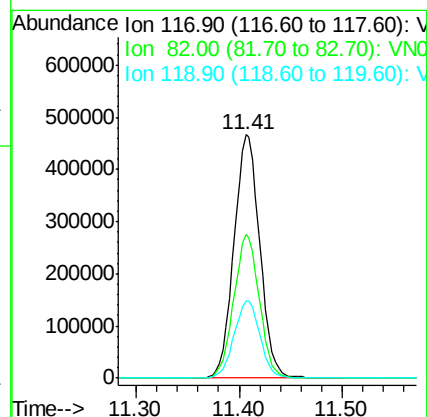
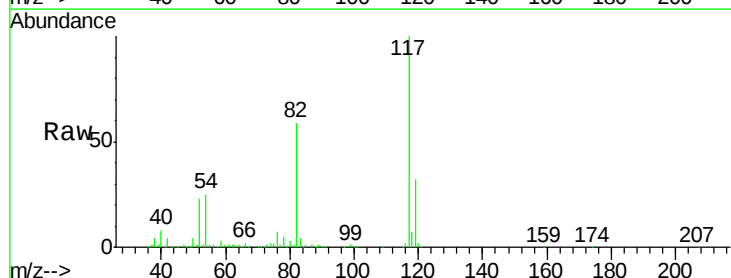
Tgt Ion: 117 Resp: 813254

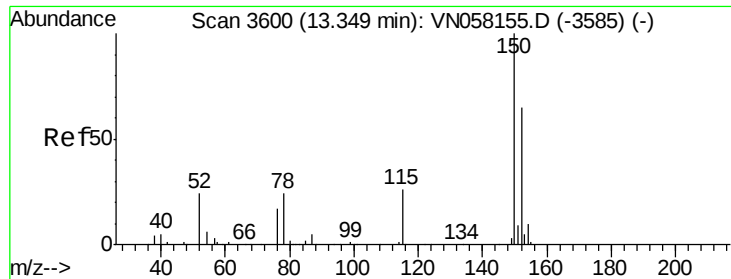
Ion Ratio Lower Upper

117 100

82 58.9 46.9 70.3

119 31.6 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058183.D

Acq: 18 Sep 2019 23:08

Instrument :

MSVOA_N

ClientSampleId :

13159

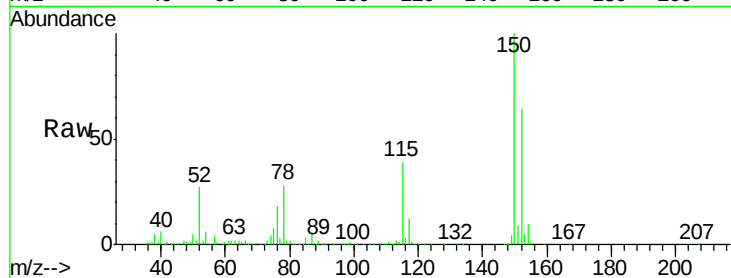
Tot Ion:152 Resp: 359157

Ion Ratio Lower Upper

152 100

115 60.2 30.1 90.3

150 157.2 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

