

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058278.D
 Acq On : 23 Sep 2019 10:00
 Operator : JC/SP
 Sample : K4975-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB02-20190918

Quant Time: Sep 24 07:57:52 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

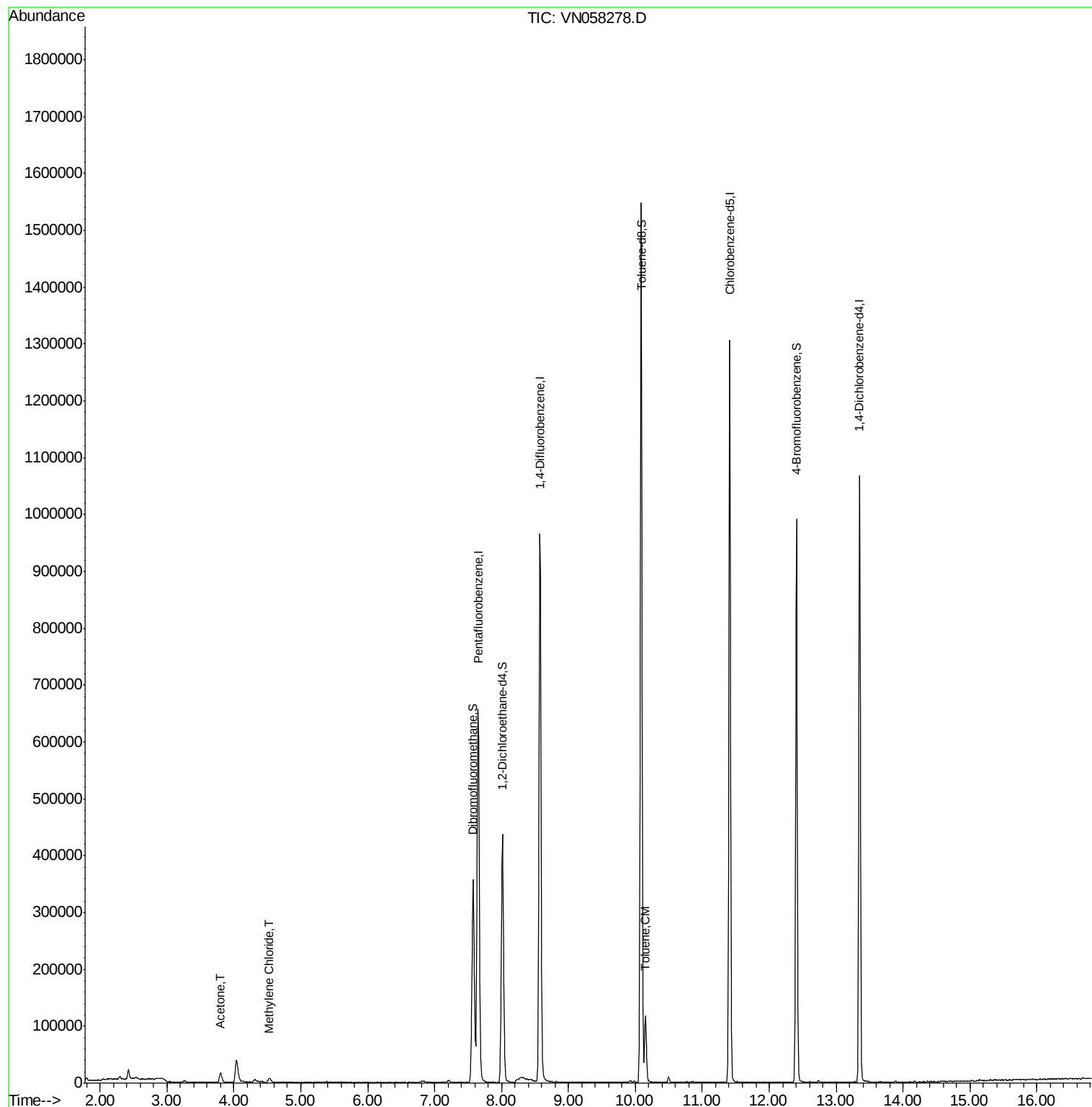
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	506434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	834876	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	708556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	269733	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	380317	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
35) Dibromofluoromethane	7.58	113	263261	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
50) Toluene-d8	10.08	98	1056213	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
62) 4-Bromofluorobenzene	12.41	95	329102	44.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.60%	
Target Compounds						
16) Acetone	3.80	43	28820	12.037	ug/l	99
20) Methylene Chloride	4.53	84	5724	1.149	ug/l #	97
52) Toluene	10.15	92	48857	4.239	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092319\
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Quant Time: Sep 24 07:57:52 2019
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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: VN058278.D

Acq: 23 Sep 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

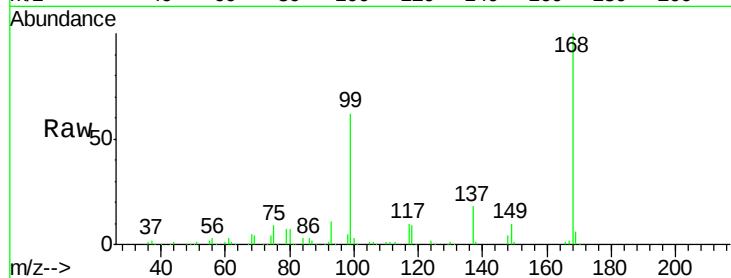
EB02-20190918

Tot Ion:168 Resp: 506434

Ion Ratio Lower Upper

168 100

99 62.1 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

250000

200000

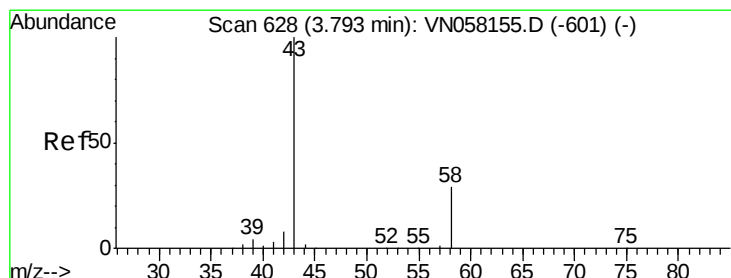
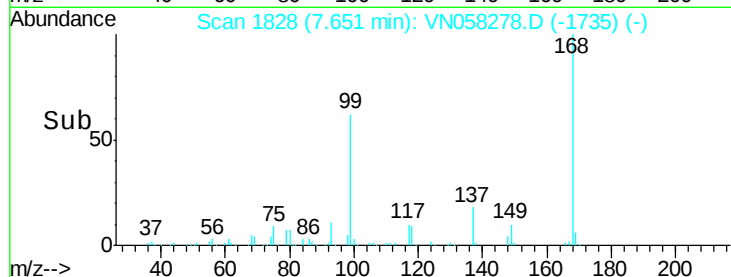
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.037 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058278.D

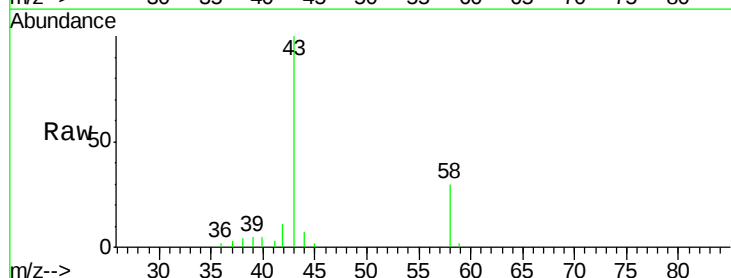
Acq: 23 Sep 2019 10:00

Tgt Ion: 43 Resp: 28820

Ion Ratio Lower Upper

43 100

58 30.0 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

12000

10000

8000

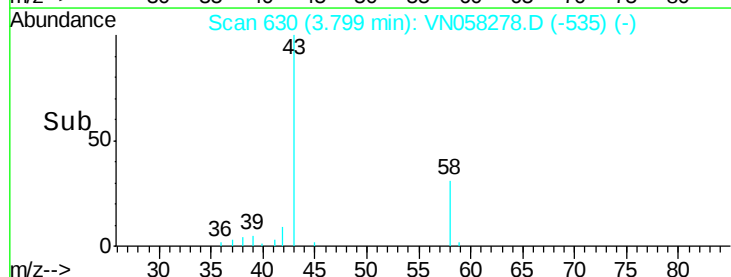
6000

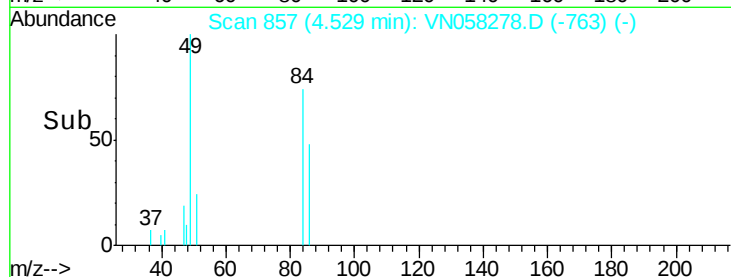
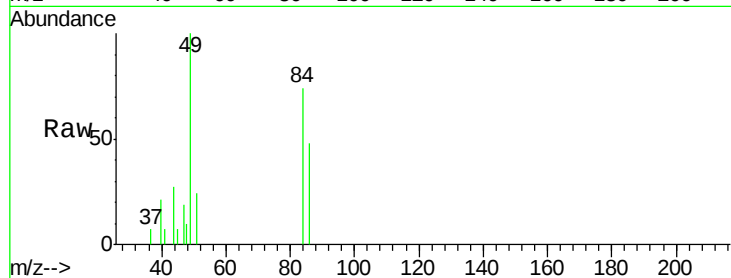
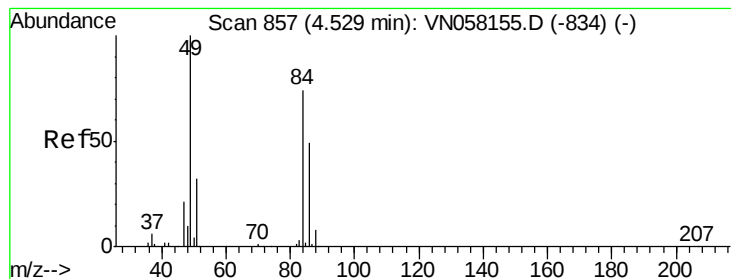
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 1.149 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058278.D

Acq: 23 Sep 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

EB02-20190918

Tot Ion: 84 Resp: 5724

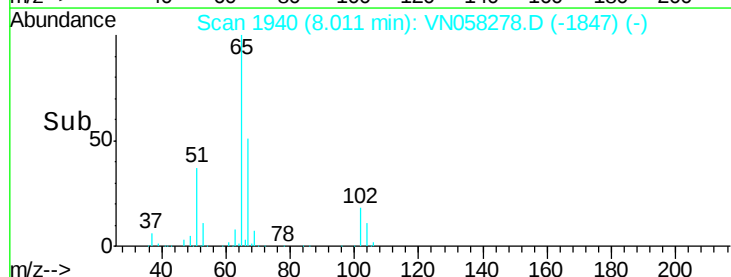
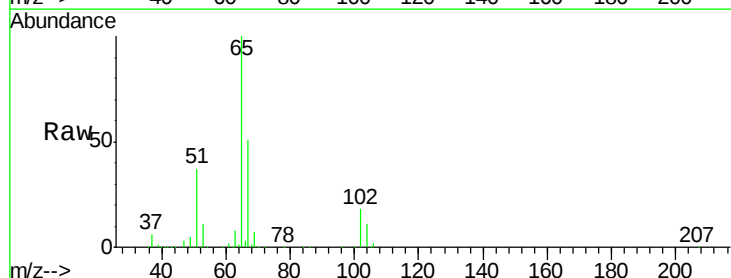
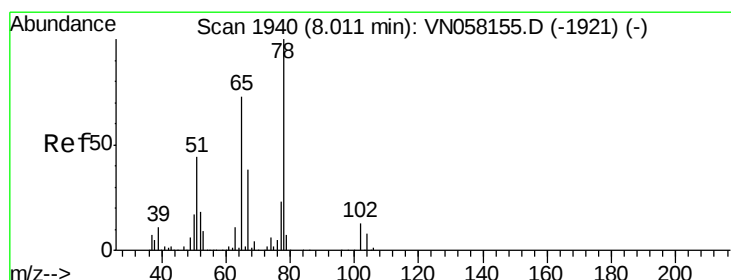
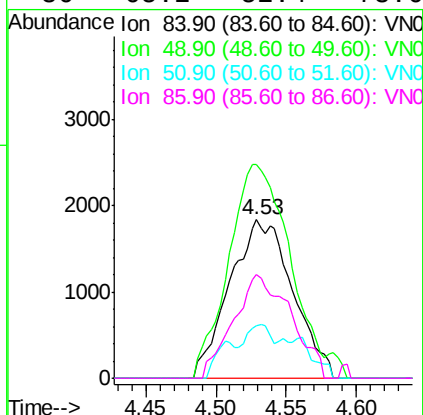
Ion Ratio Lower Upper

84 100

49 134.6 107.5 161.3

51 32.8 33.9 50.9#

86 65.2 52.4 78.6



#33

1,2-Dichloroethane-d4

Concen: 53.918 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058278.D

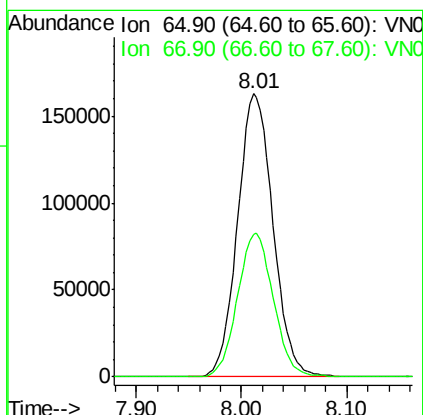
Acq: 23 Sep 2019 10:00

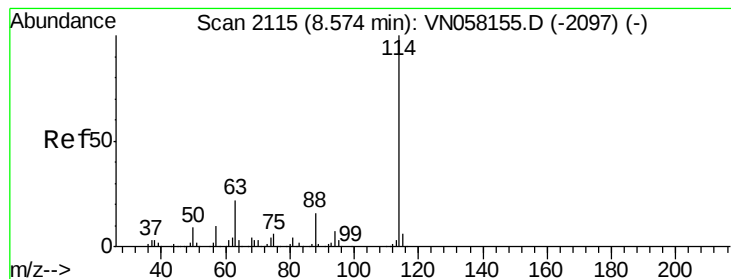
Tgt Ion: 65 Resp: 380317

Ion Ratio Lower Upper

65 100

67 51.3 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: VN058278.D

Acq: 23 Sep 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

EB02-20190918

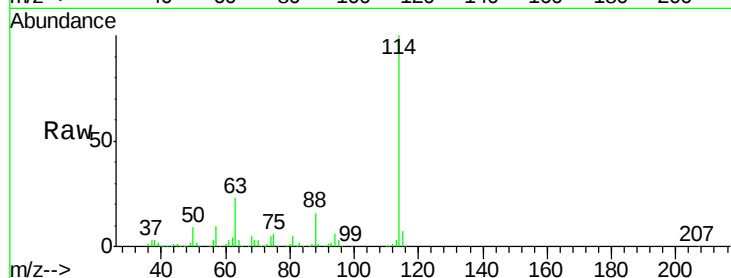
Tot Ion:114 Resp: 834876

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.2

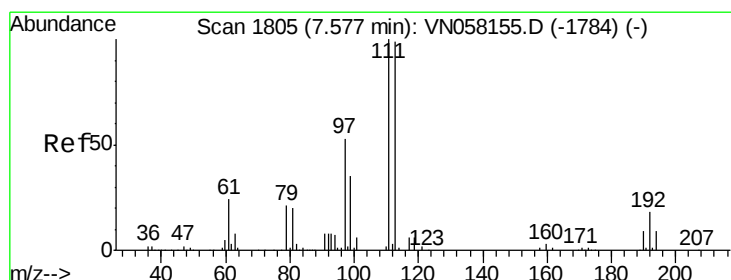
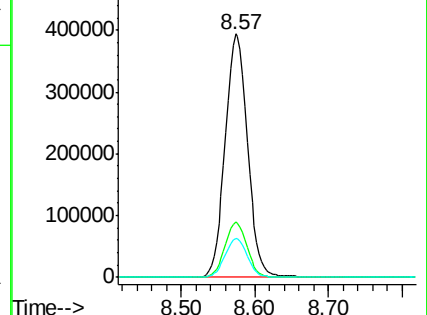
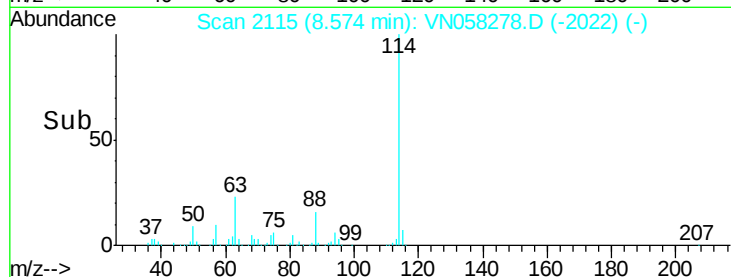
88 16.0 0.0 31.6



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: 51.870 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VN058278.D

Acq: 23 Sep 2019 10:00

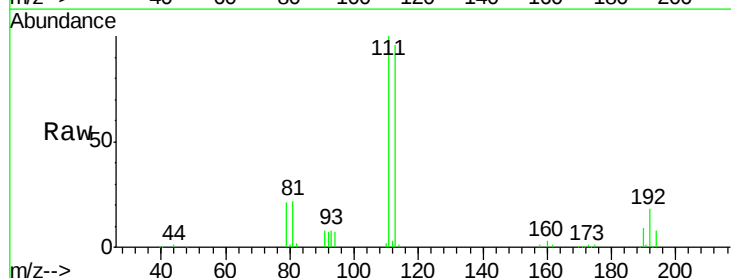
Tgt Ion:113 Resp: 263261

Ion Ratio Lower Upper

113 100

111 103.6 81.8 122.6

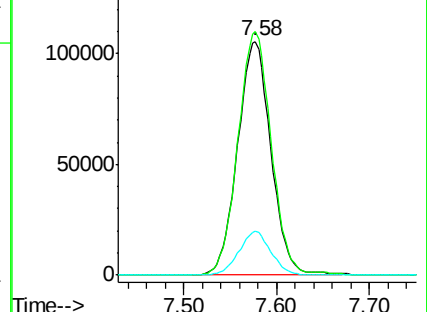
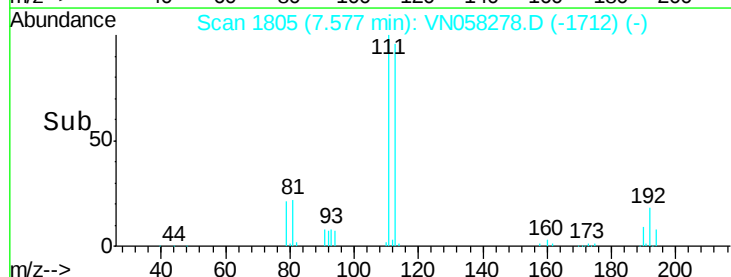
192 18.0 14.5 21.7

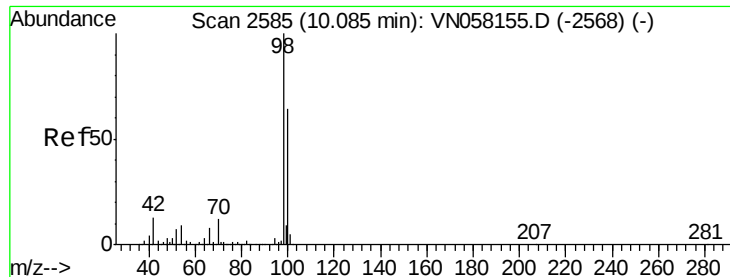


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.413 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058278.D

Acq: 23 Sep 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

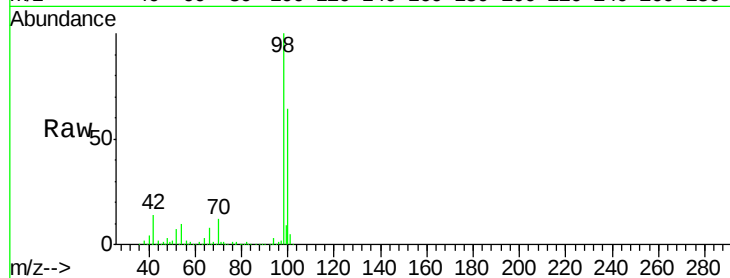
EB02-20190918

Tot Ion: 98 Resp: 1056213

Ion Ratio Lower Upper

98 100

100 64.1 51.1 76.7



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

Ion 100.00 (99.70 to 100.70): VN058278.D (-2492) (-)

10.08

600000

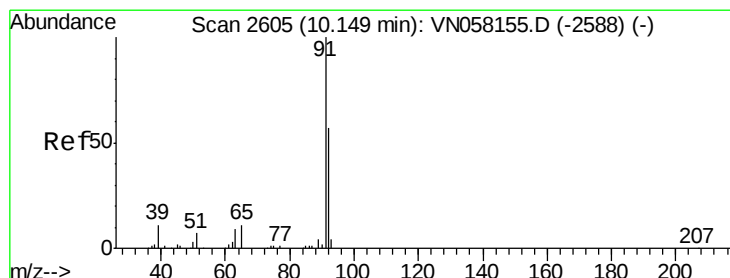
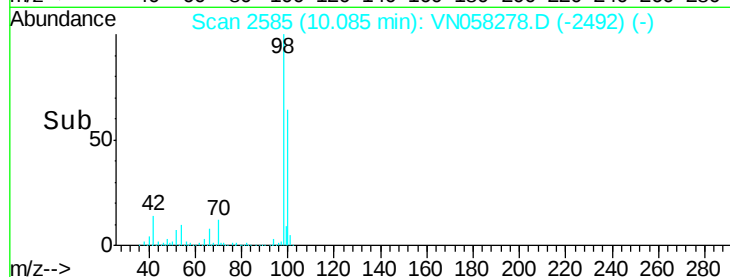
400000

200000

0

10.00 10.10 10.20

Time-->



#52

Toluene

Concen: 4.239 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058278.D

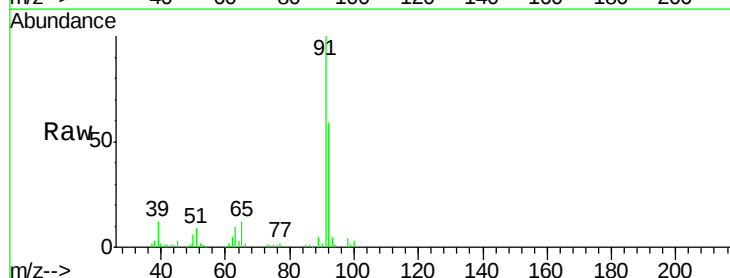
Acq: 23 Sep 2019 10:00

Tgt Ion: 92 Resp: 48857

Ion Ratio Lower Upper

92 100

91 174.0 140.2 210.2



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

Ion 91.00 (90.70 to 91.70): VN058278.D (-2512) (-)

10.15

50000

40000

30000

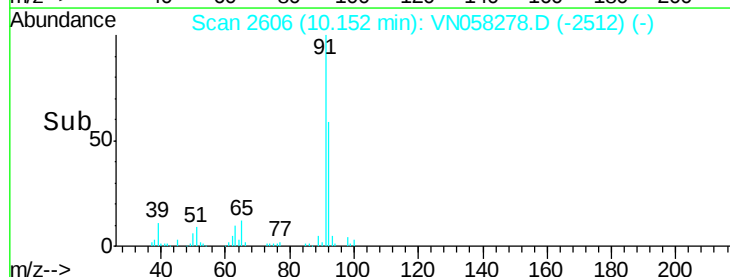
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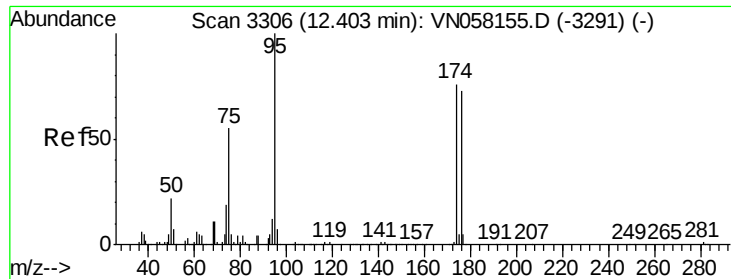
10000

0

10.10 10.15 10.20

Time-->





#62

4-Bromofluorobenzene

Concen: 44.803 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058278.D

Acq: 23 Sep 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

EB02-20190918

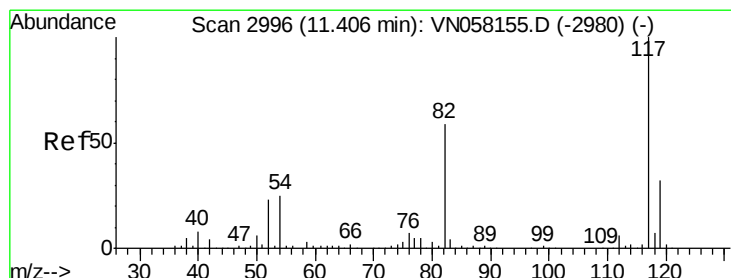
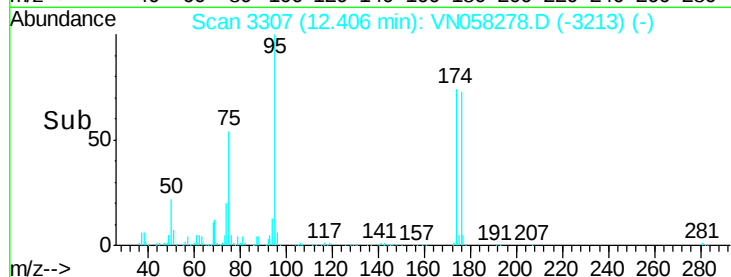
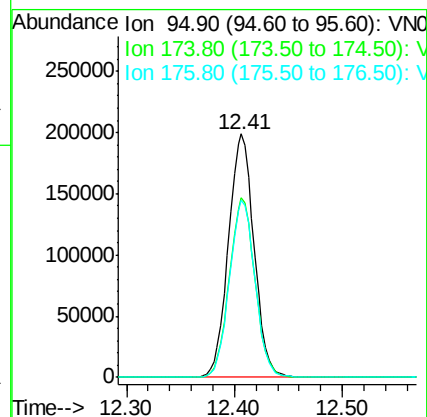
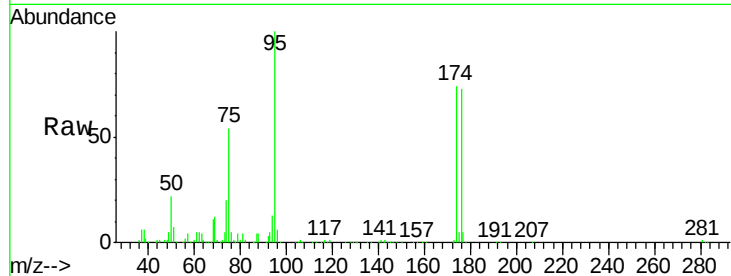
Tot Ion: 95 Resp: 329102

Ion Ratio Lower Upper

95 100

174 73.8 0.0 152.2

176 72.8 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: VN058278.D

Acq: 23 Sep 2019 10:00

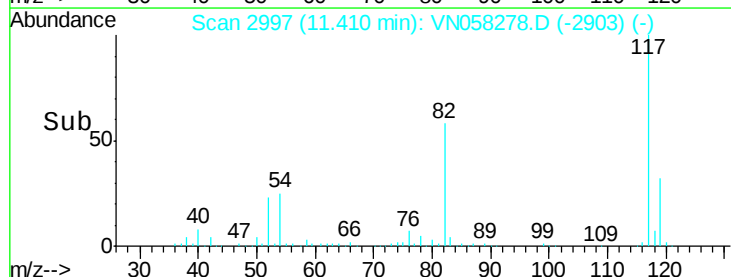
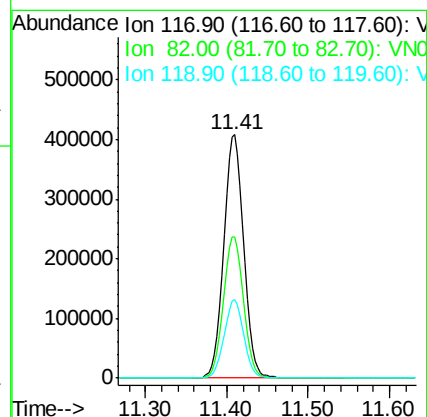
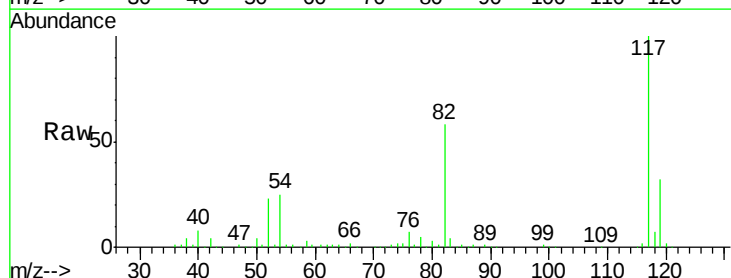
Tgt Ion: 117 Resp: 708556

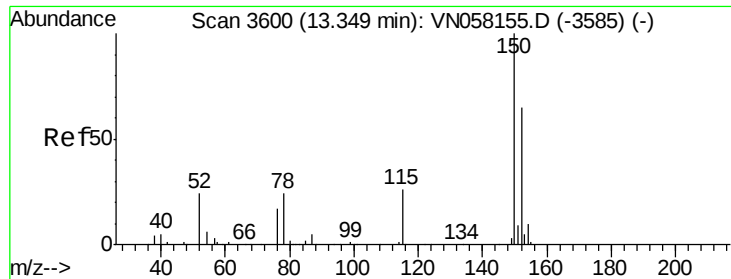
Ion Ratio Lower Upper

117 100

82 58.0 46.9 70.3

119 32.2 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: VN058278.D

Acq: 23 Sep 2019 10:00

Instrument :

MSVOA_N

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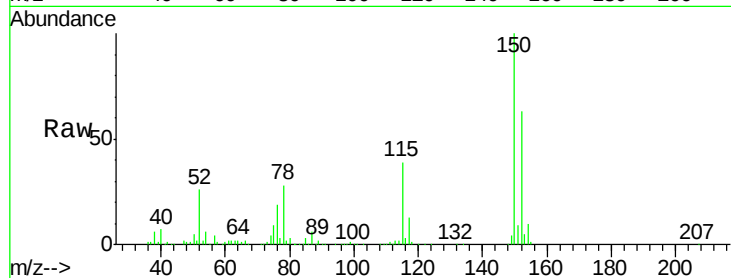
Tot Ion:152 Resp: 269733

Ion Ratio Lower Upper

152 100

115 62.2 30.1 90.3

150 157.5 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

