

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056095.D
 Acq On : 7 Jun 2019 13:16
 Operator : JC/SP
 Sample : PB120364TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120364TB

Quant Time: Jun 08 05:43:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

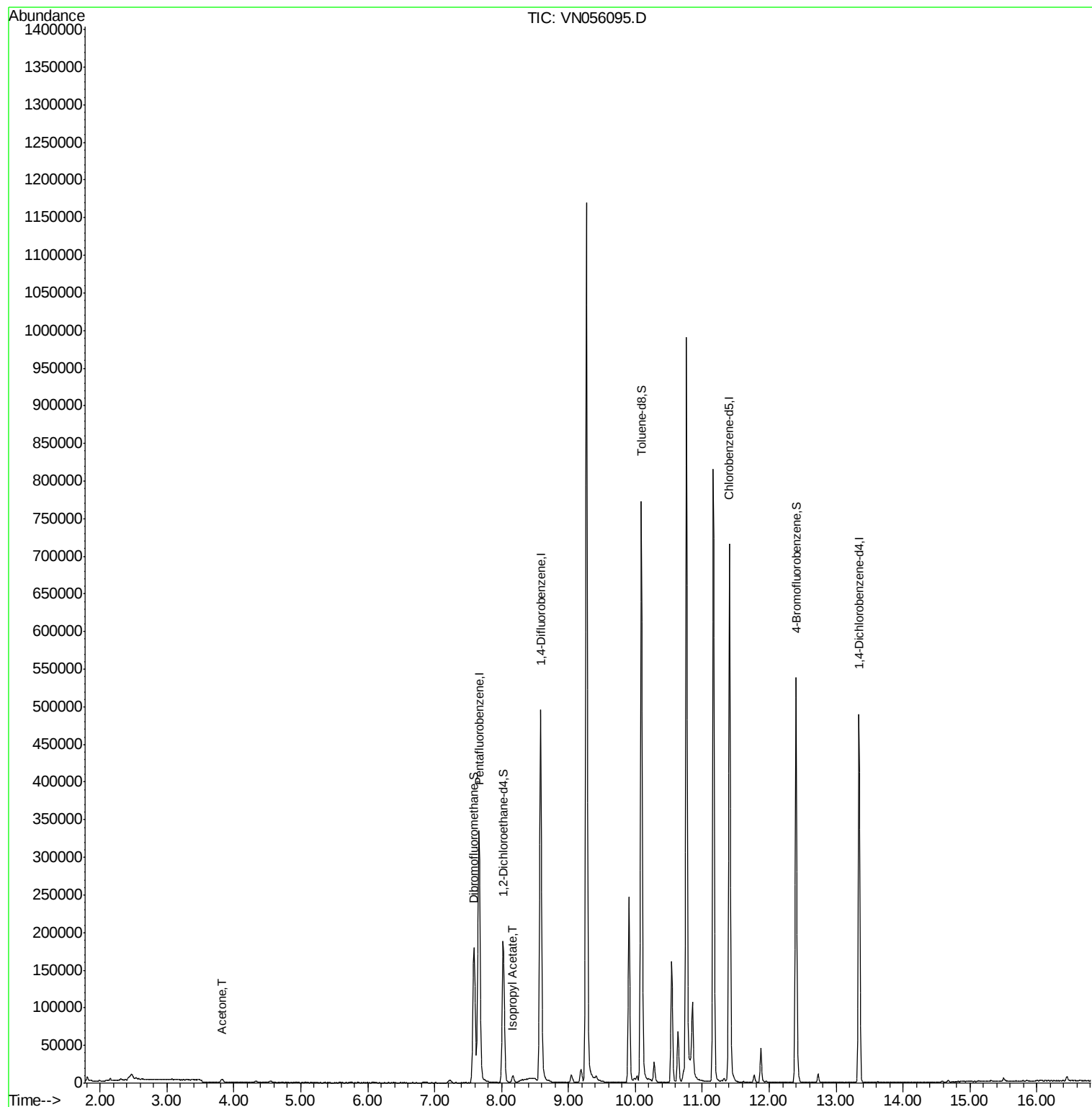
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	319948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	488771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	465227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149151	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	157597	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
35) Dibromofluoromethane	7.59	113	139706	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
50) Toluene-d8	10.09	98	586926	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.40	95	187602	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
Target Compounds						
16) Acetone	3.82	43	8321	5.477	ug/l	97
43) Isopropyl Acetate	8.17	43	11627	1.919	ug/l #	88

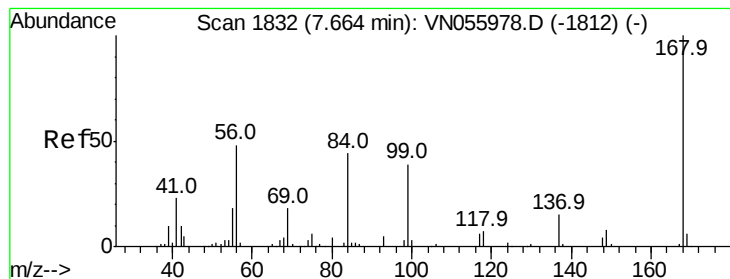
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056095.D

Acq: 7 Jun 2019 13:16

Instrument :

MSVOA_N

ClientSampled :

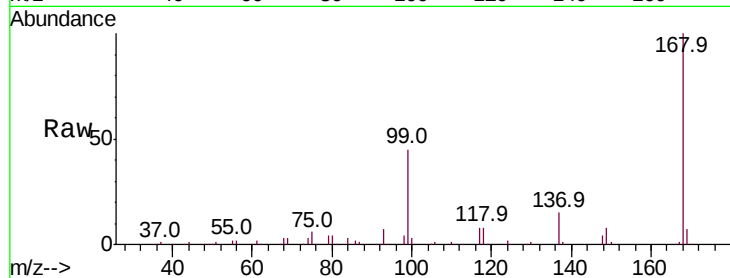
PB120364TB

Tot Ion:168 Resp: 319948

Ion Ratio Lower Upper

168 100

99 45.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

100000

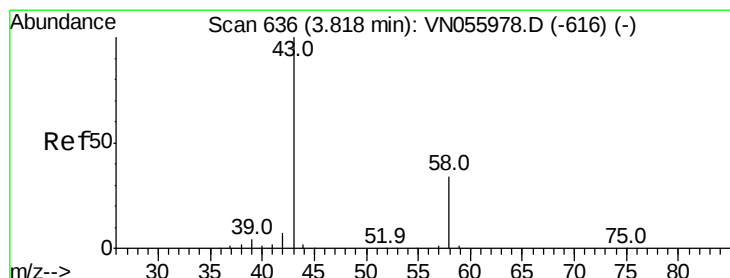
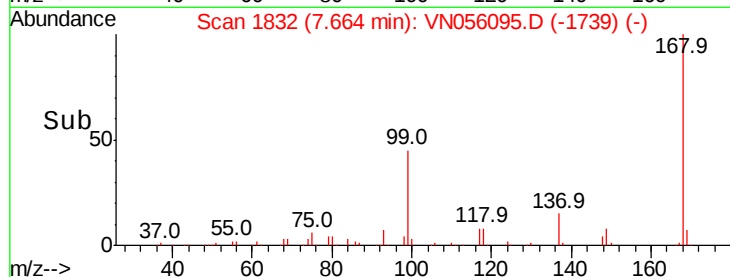
50000

0

Time-->

7.60

7.70



#16

Acetone

Concen: 5.477 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056095.D

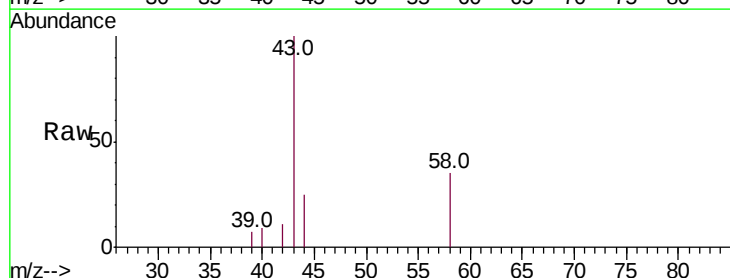
Acq: 7 Jun 2019 13:16

Tgt Ion: 43 Resp: 8321

Ion Ratio Lower Upper

43 100

58 34.9 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

3000

2000

1000

0

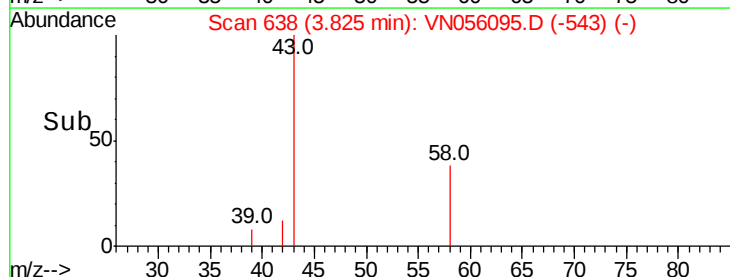
Time-->

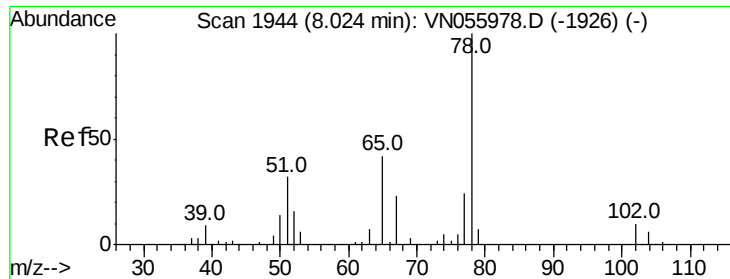
3.75

3.80

3.85

3.90

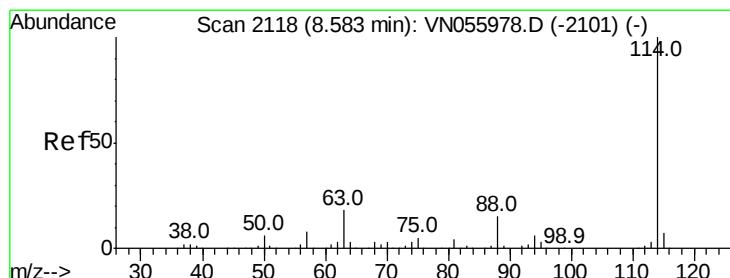
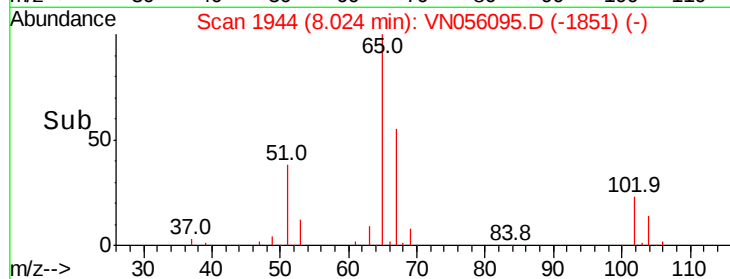
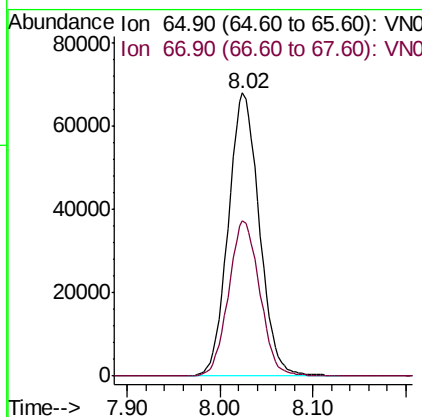
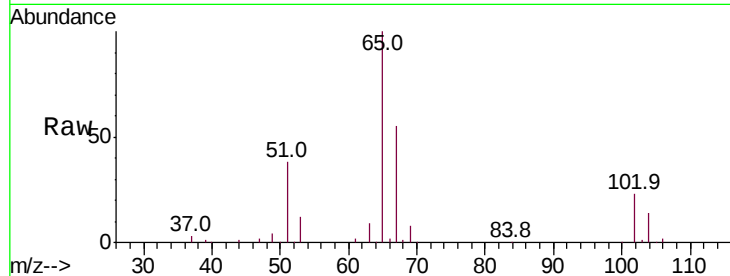




#33
 1,2-Dichloroethane-d4
 Concen: 49.609 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN056095.D
 Acq: 7 Jun 2019 13:16

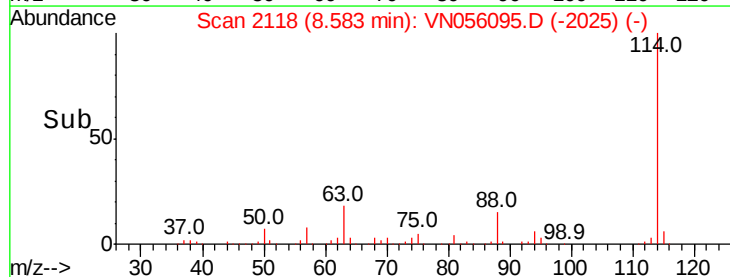
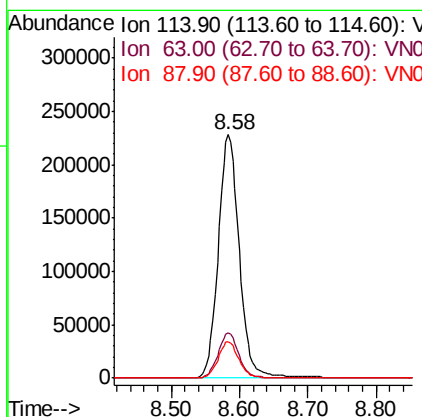
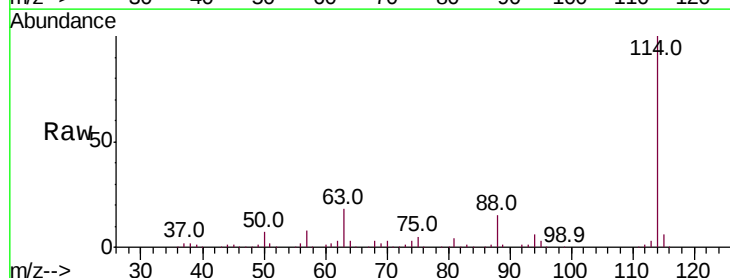
Instrument :
 MSVOA_N
 ClientSampleId :
 PB120364TB

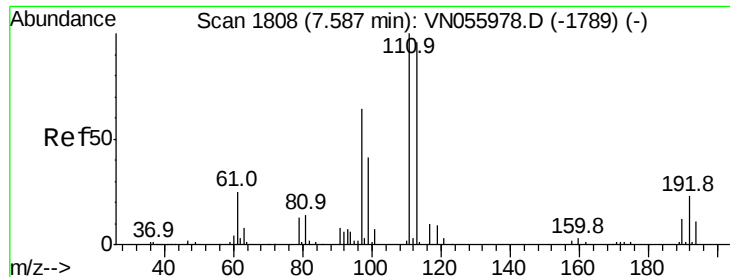
Tot Ion: 65 Resp: 157597
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056095.D
 Acq: 7 Jun 2019 13:16

Tgt Ion: 114 Resp: 488771
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.2
 88 15.1 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.588 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VN056095.D

Acq: 7 Jun 2019 13:16

Instrument :

MSVOA_N

ClientSampleId :

PB120364TB

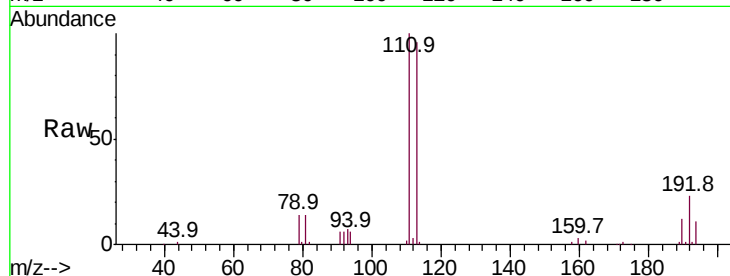
Tot Ion:113 Resp: 139706

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

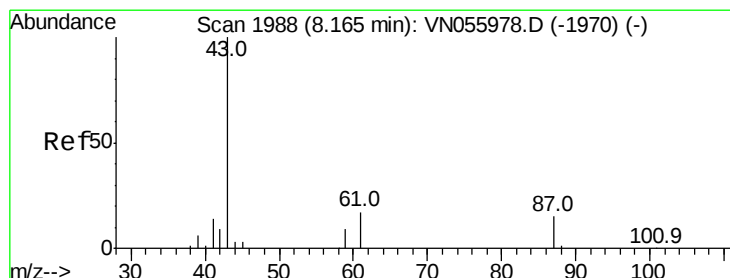
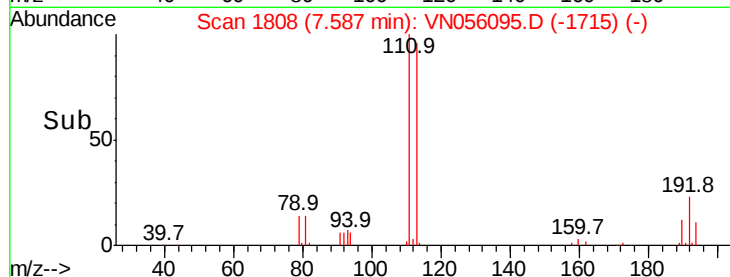
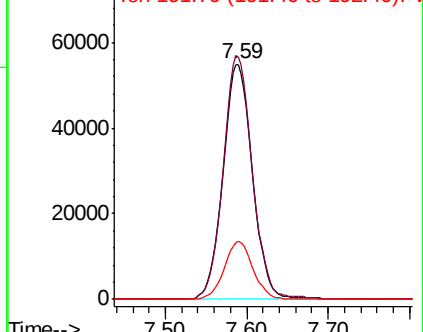
192 23.7 19.5 29.3



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: 1.919 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056095.D

Acq: 7 Jun 2019 13:16

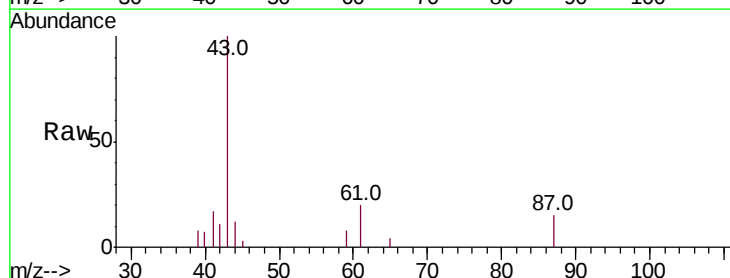
Tgt Ion: 43 Resp: 11627

Ion Ratio Lower Upper

43 100

61 19.3 22.2 33.4#

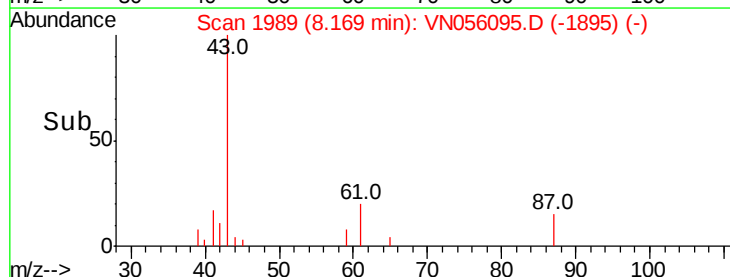
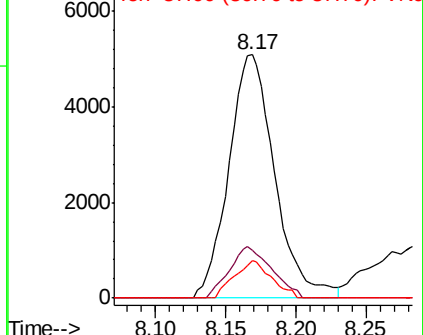
87 12.4 11.4 17.2

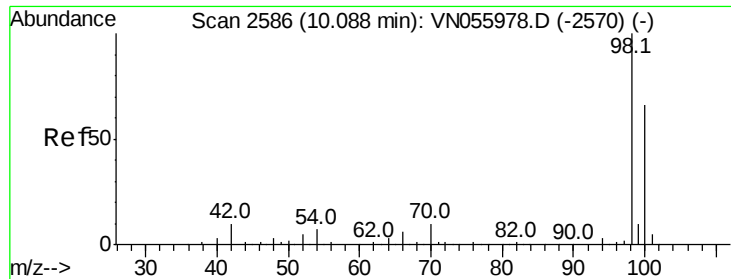


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 50.863 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056095.D

Acq: 7 Jun 2019 13:16

Instrument :

MSVOA_N

ClientSampleId :

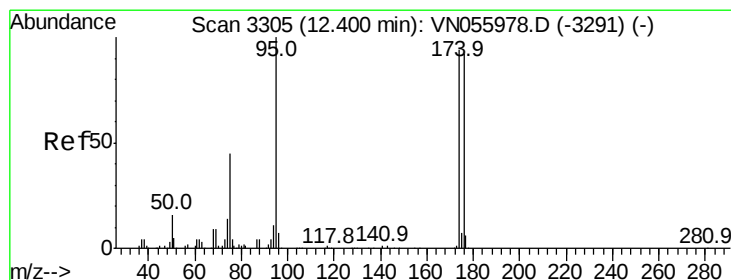
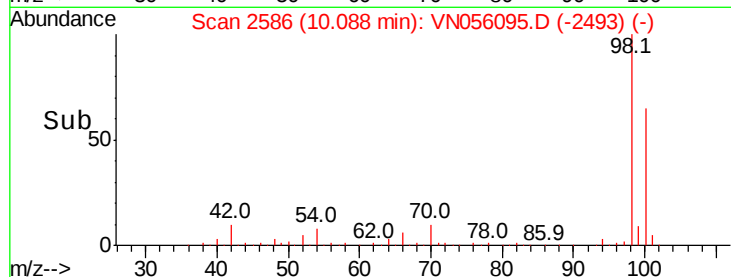
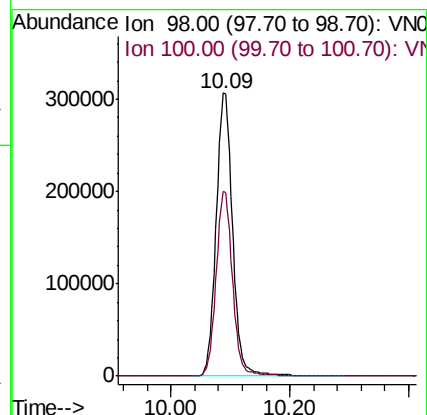
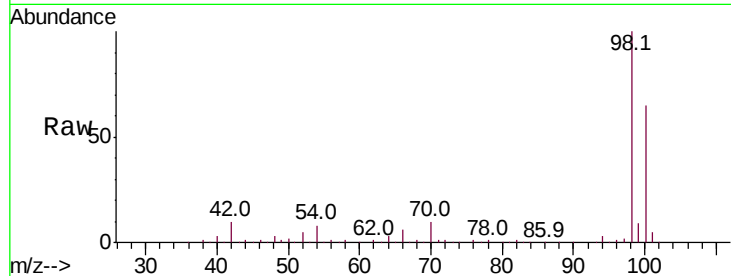
PB120364TB

Tot Ion: 98 Resp: 586926

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 47.806 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056095.D

Acq: 7 Jun 2019 13:16

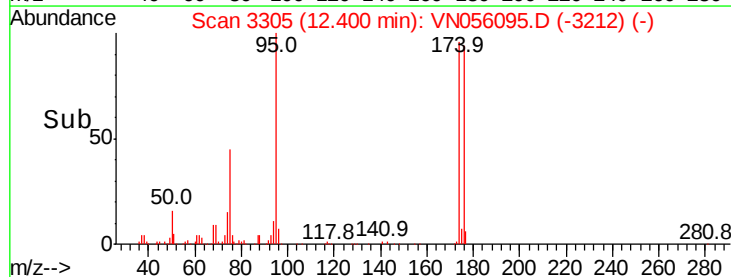
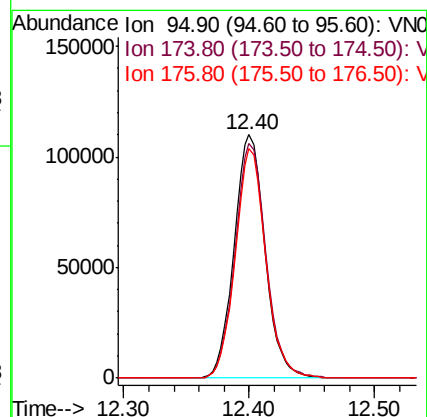
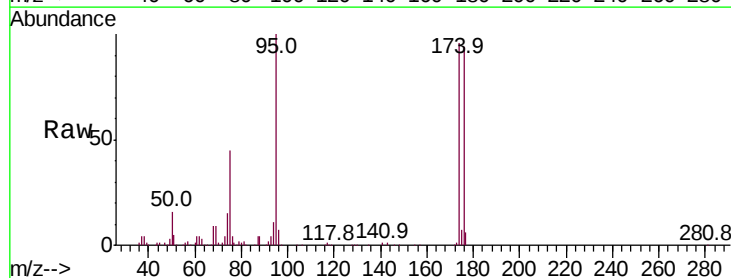
Tgt Ion: 95 Resp: 187602

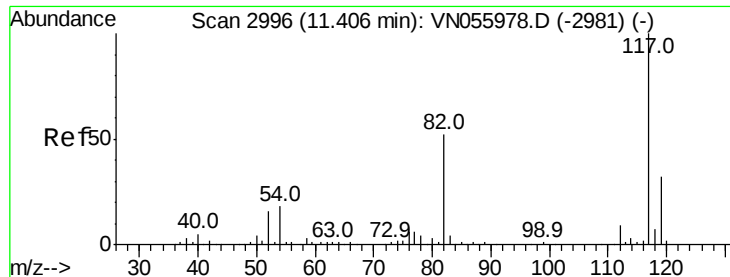
Ion Ratio Lower Upper

95 100

174 96.9 0.0 191.0

176 93.1 0.0 185.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056095.D

Acq: 7 Jun 2019 13:16

Instrument :

MSVOA_N

ClientSampleId :

PB120364TB

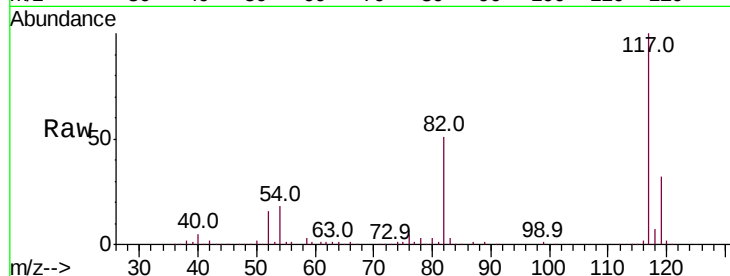
Tot Ion:117 Resp: 465227

Ion Ratio Lower Upper

117 100

82 51.4 41.8 62.8

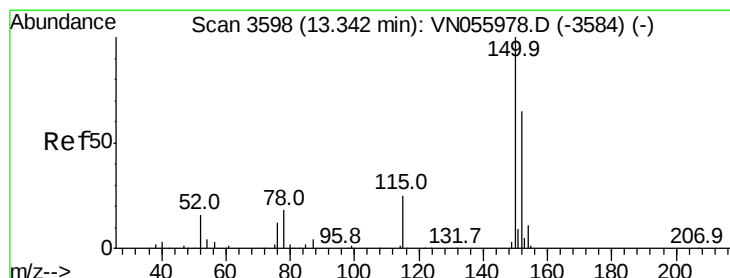
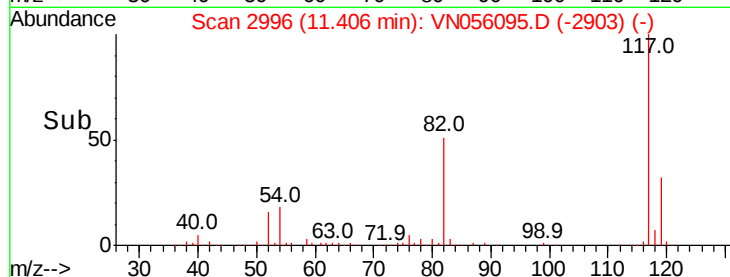
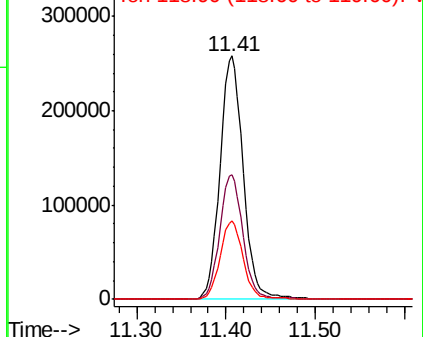
119 32.2 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056095.D

Acq: 7 Jun 2019 13:16

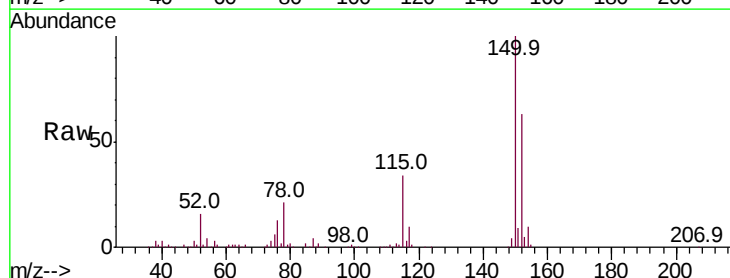
Tgt Ion:152 Resp: 149151

Ion Ratio Lower Upper

152 100

115 53.1 27.0 81.0

150 156.9 0.0 343.2



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

