

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060519\
 Data File : VN056011.D
 Acq On : 5 Jun 2019 16:23
 Operator : JC/SP
 Sample : K3151-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-06-060419-C

Quant Time: Jun 06 12:07:35 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

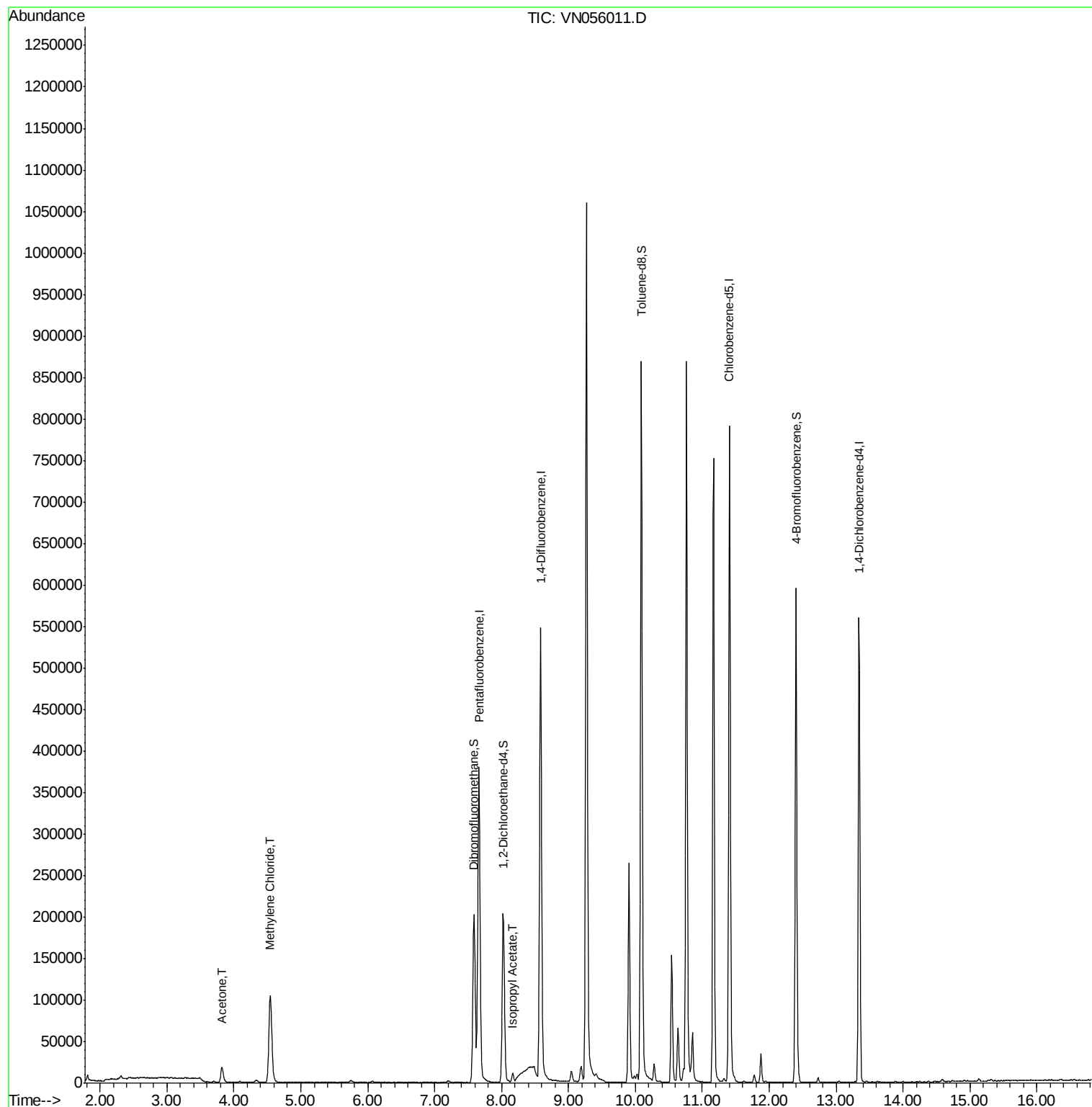
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	363423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	556931	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	524464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	177680	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	175584	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
35) Dibromofluoromethane	7.59	113	158258	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.64%	
50) Toluene-d8	10.09	98	665301	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.40	95	217354	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
Target Compounds						
16) Acetone	3.82	43	33324	19.309	ug/l	97
20) Methylene Chloride	4.54	84	88528	24.898	ug/l	96
43) Isopropyl Acetate	8.17	43	11904	1.724	ug/l #	91

(#) = 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: VN056011.D

Acq: 5 Jun 2019 16:23

Instrument :

MSVOA_N

ClientSampleId :

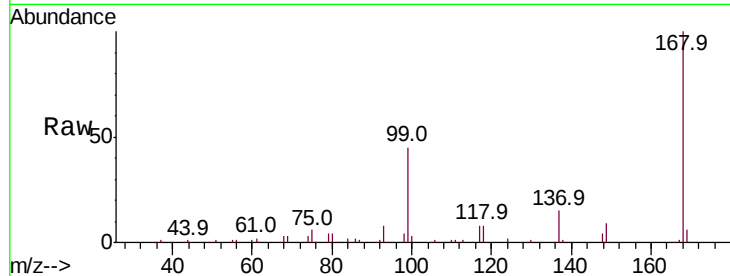
AU-06-060419-C

Tot Ion:168 Resp: 363423

Ion Ratio Lower Upper

168 100

99 45.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

150000

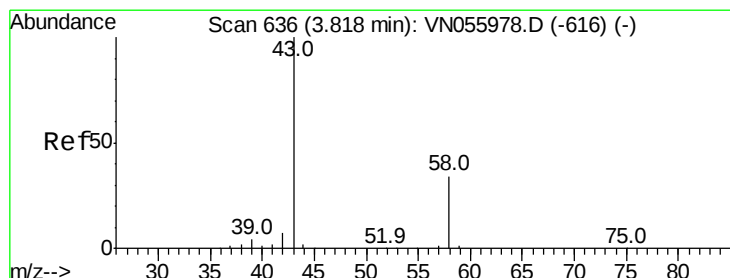
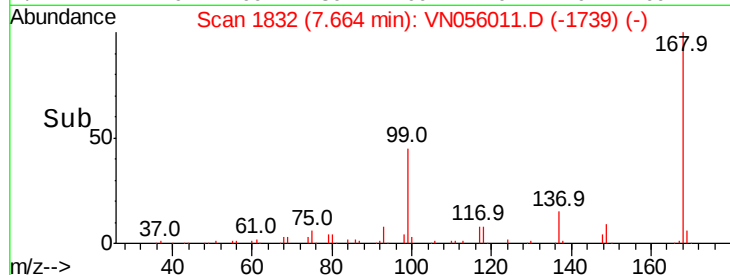
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 19.309 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056011.D

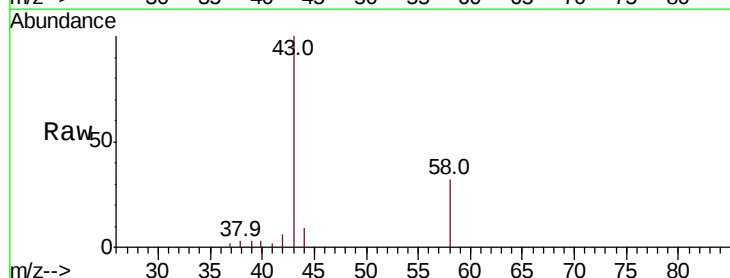
Acq: 5 Jun 2019 16:23

Tgt Ion: 43 Resp: 33324

Ion Ratio Lower Upper

43 100

58 31.8 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-616) (-)

3.82

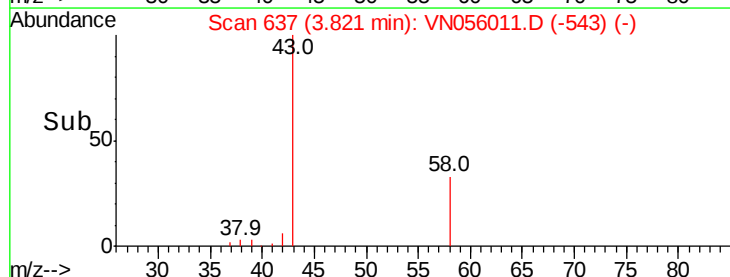
10000

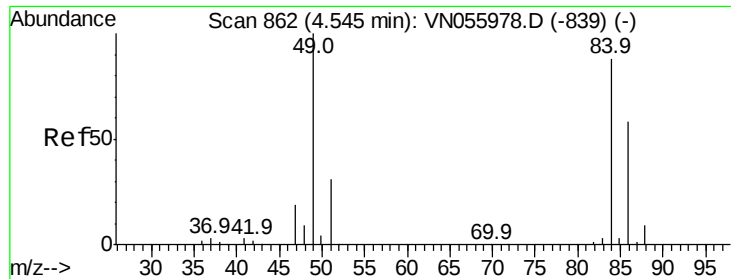
5000

0

3.70 3.80 3.90

Time-->





#20

Methylene Chloride

Concen: 24.898 ug/l

RT: 4.54 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN056011.D

Acq: 5 Jun 2019 16:23

Instrument :

MSVOA_N

ClientSampleId :

AU-06-060419-C

Tot Ion: 84 Resp: 88528

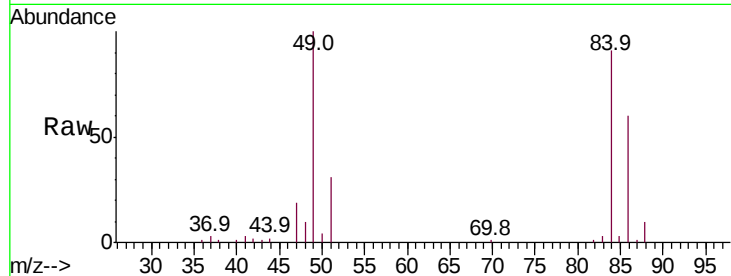
Ion Ratio Lower Upper

84 100

49 109.6 93.5 140.3

51 33.7 28.6 43.0

86 65.7 52.6 79.0

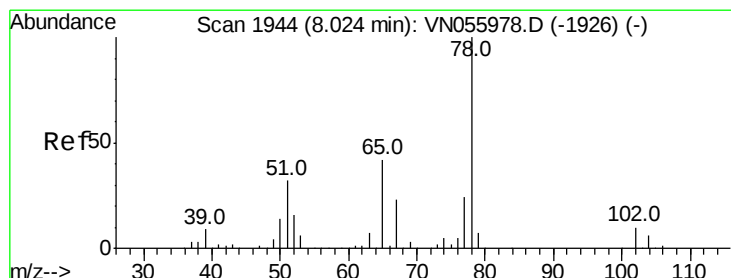
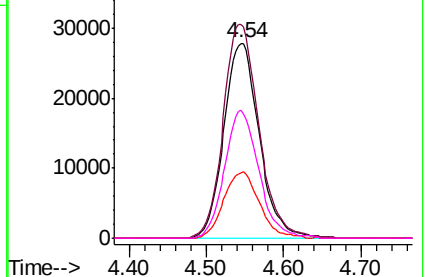
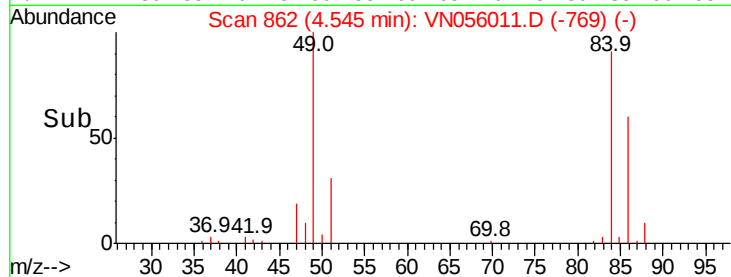


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 48.659 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN056011.D

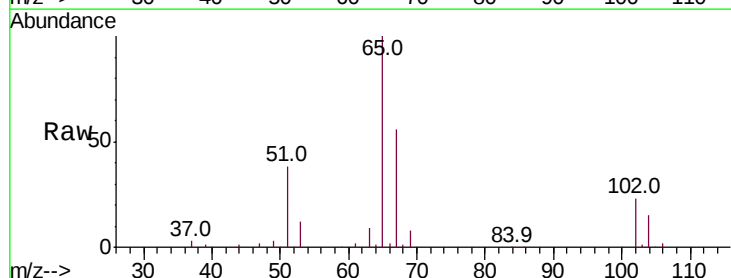
Acq: 5 Jun 2019 16:23

Tgt Ion: 65 Resp: 175584

Ion Ratio Lower Upper

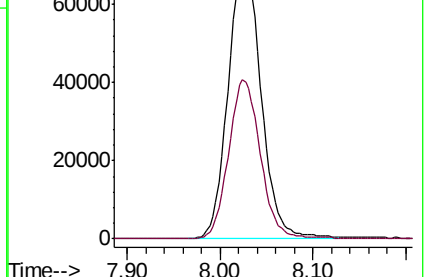
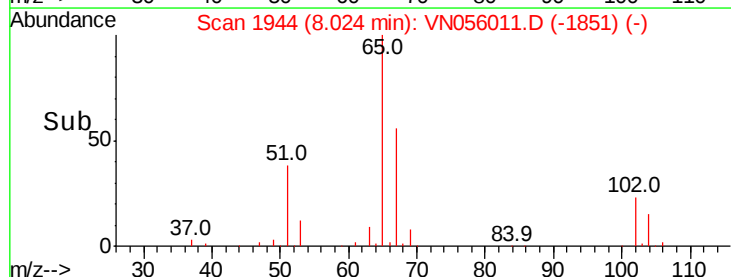
65 100

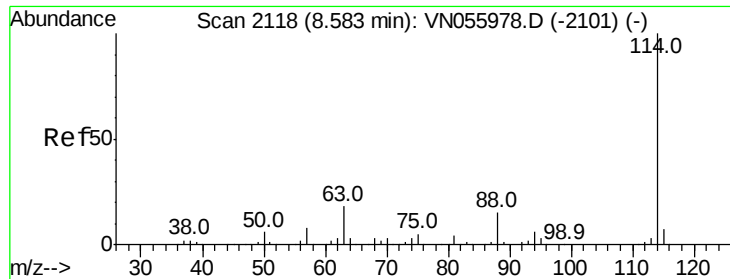
67 55.4 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

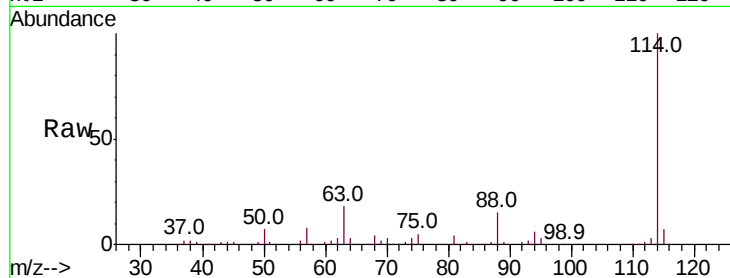




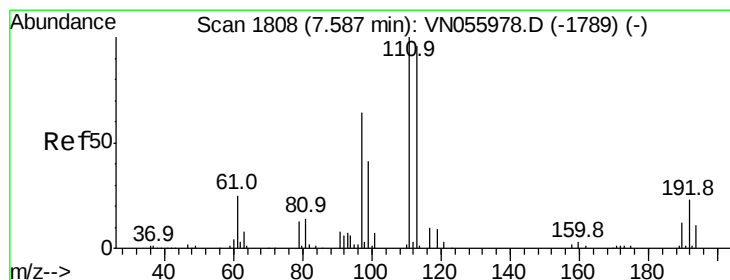
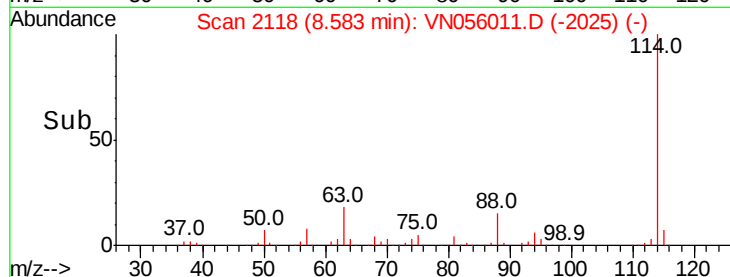
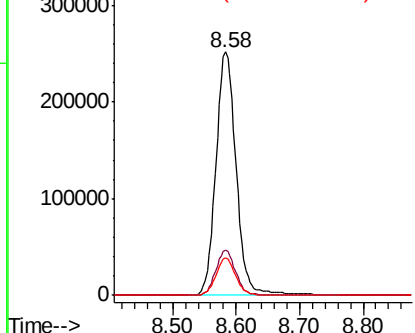
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056011.D
 Acq: 5 Jun 2019 16:23

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-06-060419-C

Tot Ion:114 Resp: 556931
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.2
 88 15.2 0.0 31.0

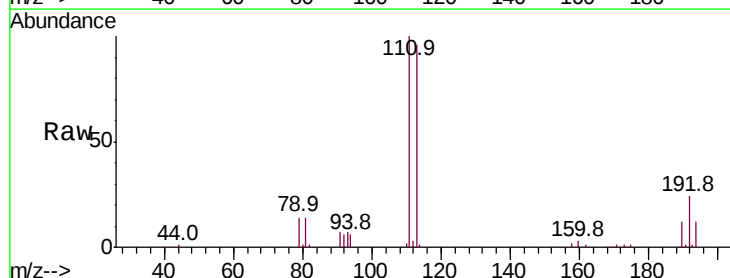


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

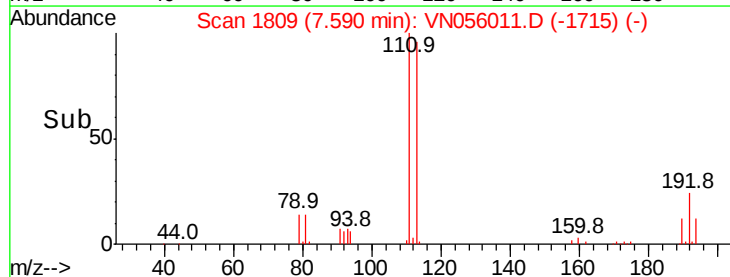
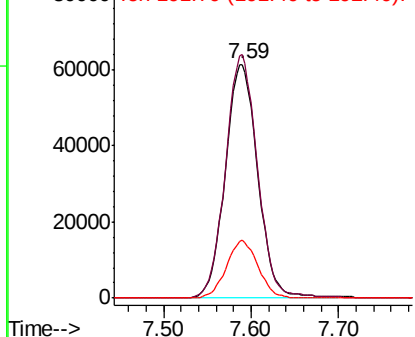


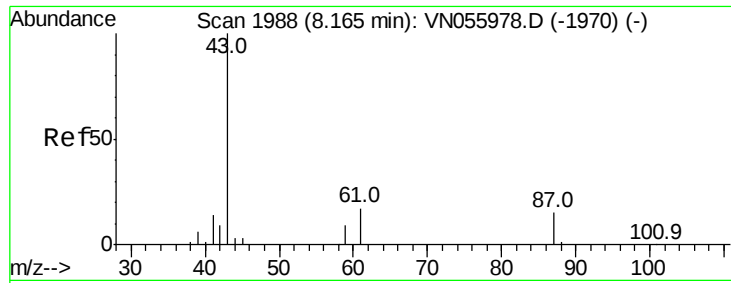
#35
 Dibromofluoromethane
 Concen: 46.316 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056011.D
 Acq: 5 Jun 2019 16:23

Tgt Ion:113 Resp: 158258
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.9 122.9
 192 24.1 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: 1.724 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056011.D

Acq: 5 Jun 2019 16:23

Instrument :

MSVOA_N

ClientSampleId :

AU-06-060419-C

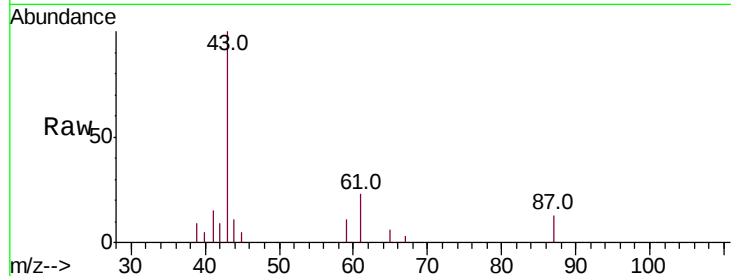
Tot Ion: 43 Resp: 11904

Ion Ratio Lower Upper

43 100

61 20.7 22.2 33.4#

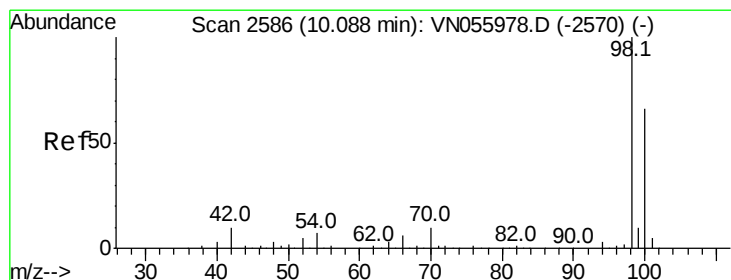
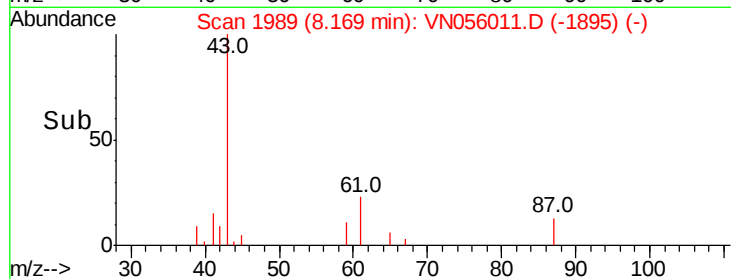
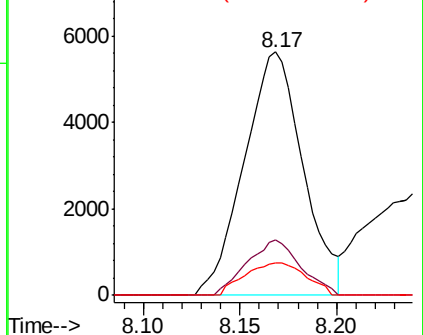
87 13.9 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)



#50

Toluene-d8

Concen: 50.599 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056011.D

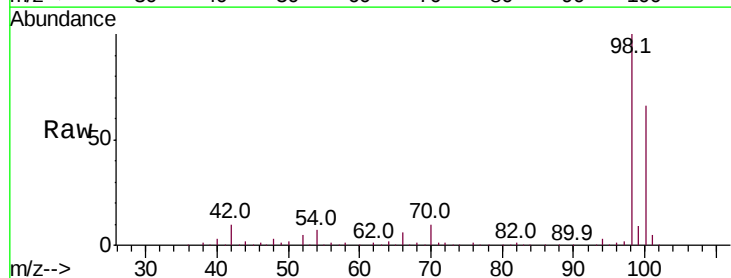
Acq: 5 Jun 2019 16:23

Tgt Ion: 98 Resp: 665301

Ion Ratio Lower Upper

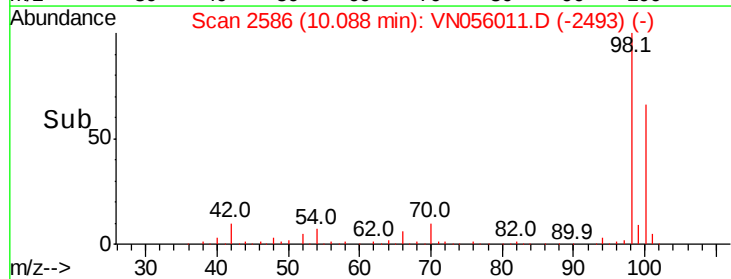
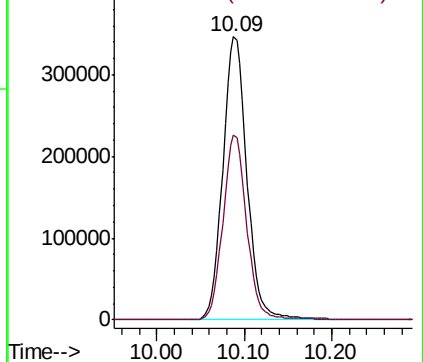
98 100

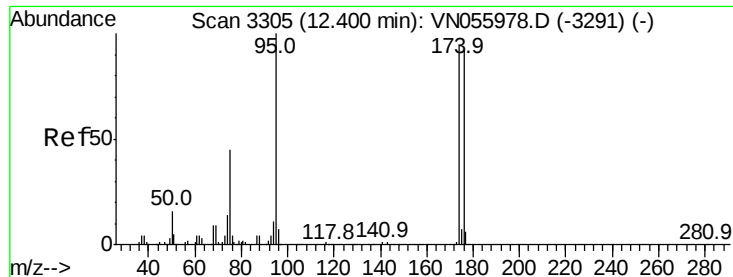
100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: 48.609 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056011.D

Acq: 5 Jun 2019 16:23

Instrument :

MSVOA_N

ClientSampleId :

AU-06-060419-C

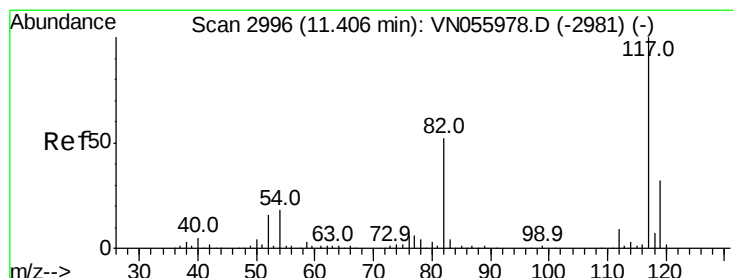
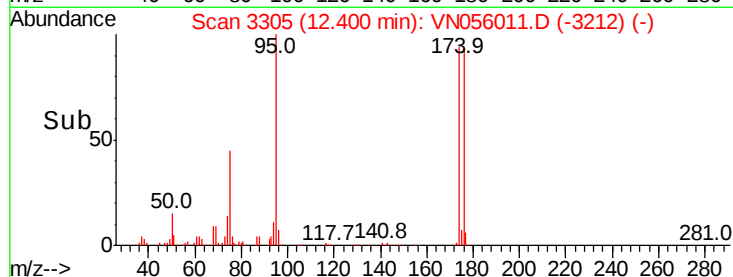
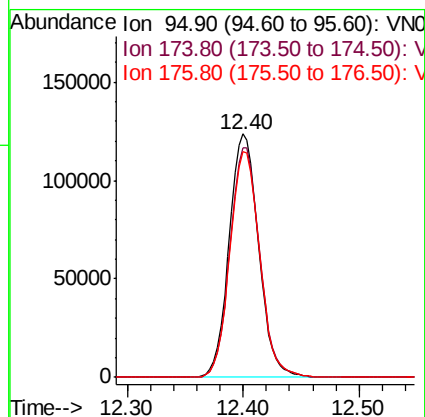
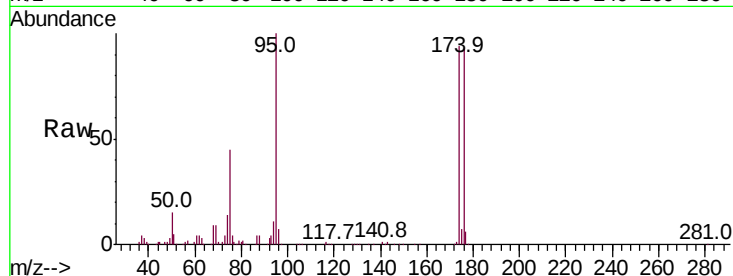
Tot Ion: 95 Resp: 217354

Ion Ratio Lower Upper

95 100

174 95.3 0.0 191.0

176 93.6 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: VN056011.D

Acq: 5 Jun 2019 16:23

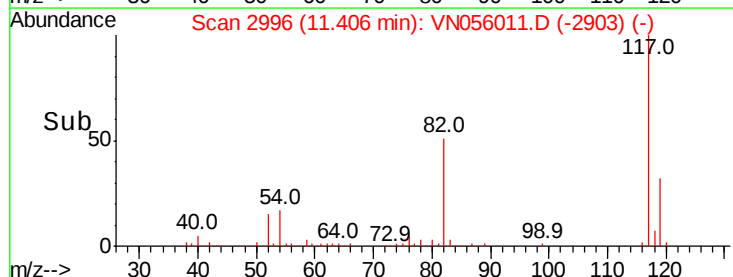
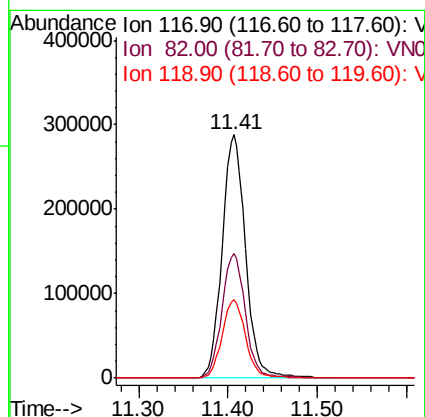
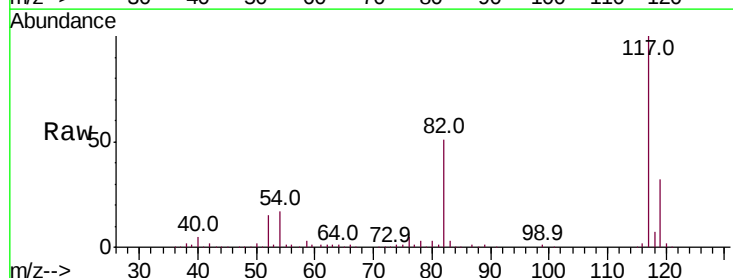
Tgt Ion: 117 Resp: 524464

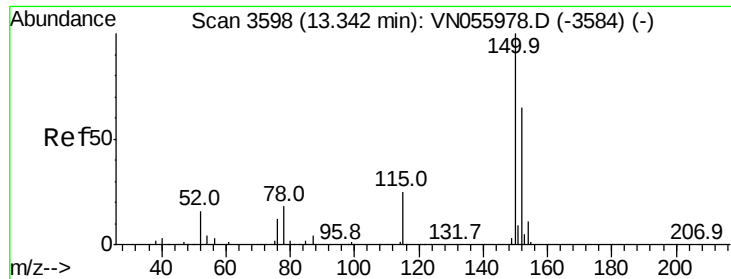
Ion Ratio Lower Upper

117 100

82 51.2 41.8 62.8

119 32.2 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056011.D

Acq: 5 Jun 2019 16:23

Instrument :

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ClientSampleId :

AU-06-060419-C

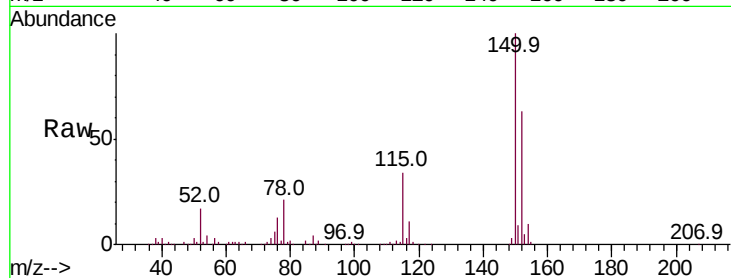
Tot Ion:152 Resp: 177680

Ion Ratio Lower Upper

152 100

115 52.5 27.0 81.0

150 155.8 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

