

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056138.D
 Acq On : 8 Jun 2019 8:42
 Operator : JC/SP
 Sample : K3160-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-060619-A

Quant Time: Jun 10 02:10:10 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

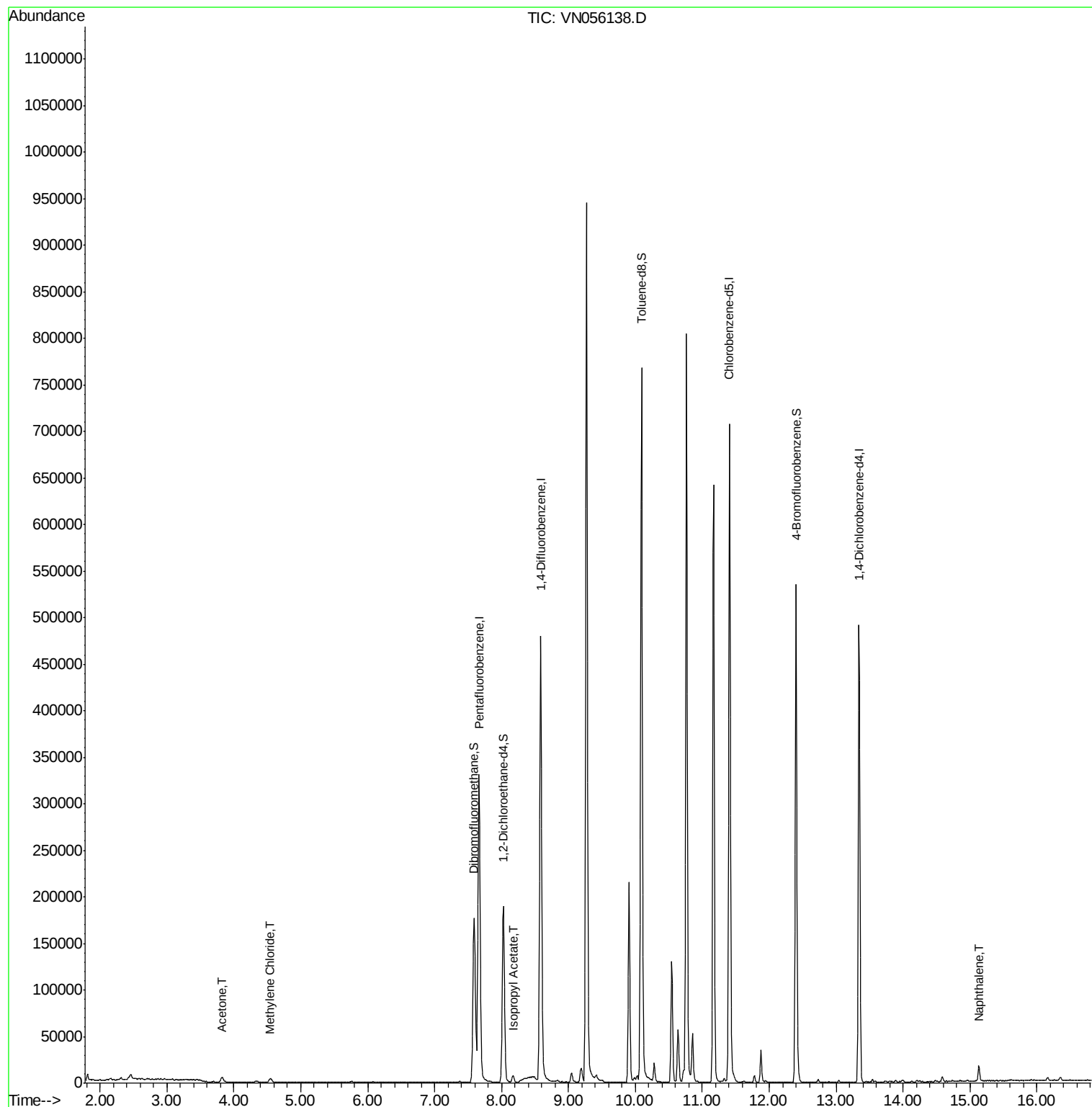
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	316084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	477473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	466550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	151134	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	158483	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
35) Dibromofluoromethane	7.59	113	136029	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
50) Toluene-d8	10.09	98	587939	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	12.40	95	186301	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
Target Compounds						
16) Acetone	3.82	43	9856	6.566	ug/l	96
20) Methylene Chloride	4.54	84	3486	1.127	ug/l	96
43) Isopropyl Acetate	8.17	43	9359	1.581	ug/l #	86
95) Naphthalene	15.13	128	15761	5.864	ug/l	97

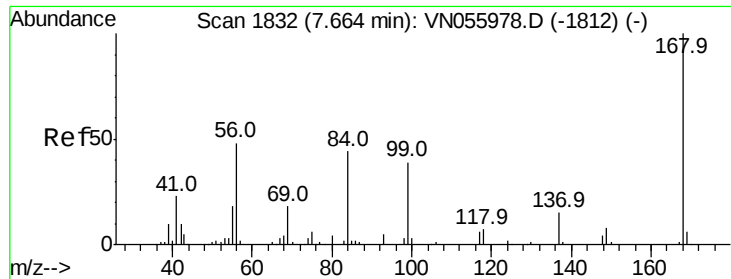
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056138.D

Acq: 8 Jun 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

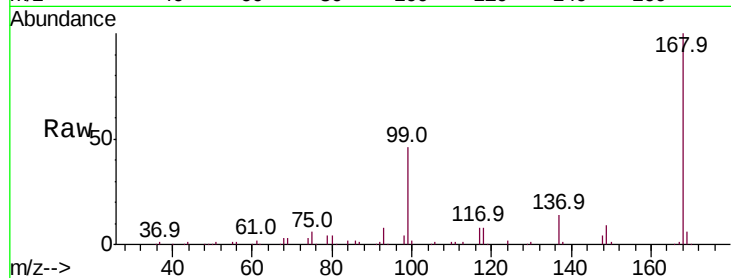
EO-02-060619-A

Tot Ion:168 Resp: 316084

Ion Ratio Lower Upper

168 100

99 45.6 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

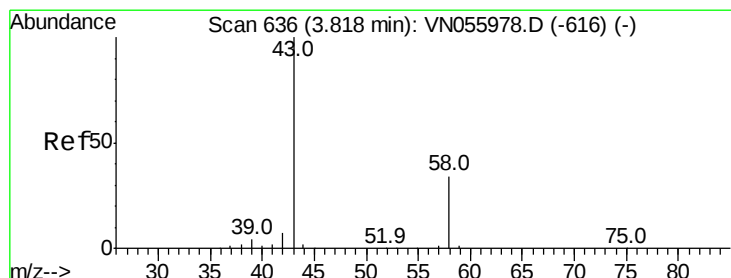
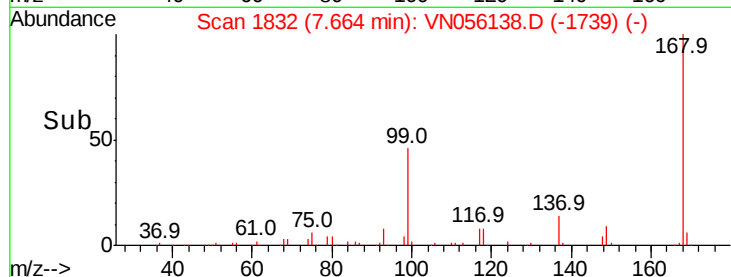
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.566 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056138.D

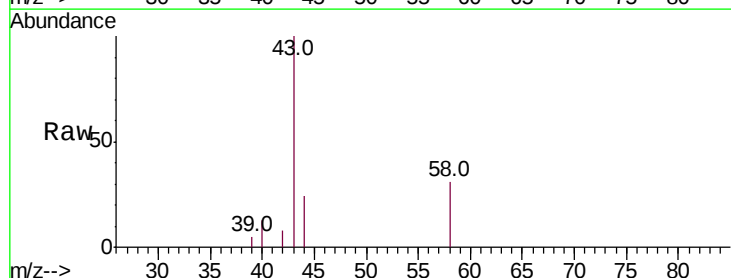
Acq: 8 Jun 2019 8:42

Tgt Ion: 43 Resp: 9856

Ion Ratio Lower Upper

43 100

58 30.7 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

4000

3000

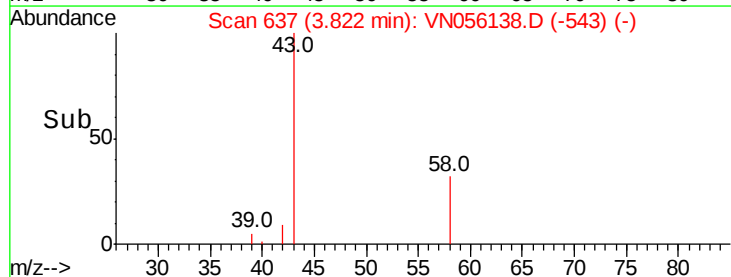
2000

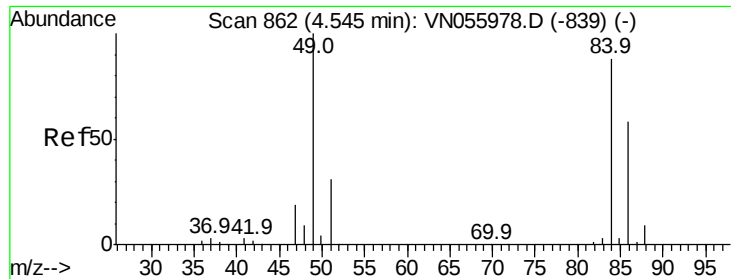
1000

0

3.75 3.80 3.85 3.90

Time-->





#20

Methylene Chloride

Concen: 1.127 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN056138.D

Acq: 8 Jun 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

EO-02-060619-A

Tot Ion: 84 Resp: 3486

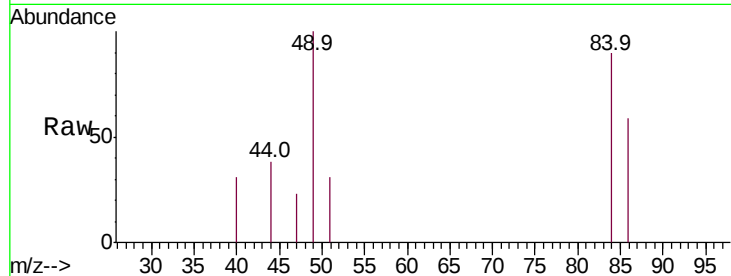
Ion Ratio Lower Upper

84 100

49 110.7 93.5 140.3

51 33.9 28.6 43.0

86 64.9 52.6 79.0

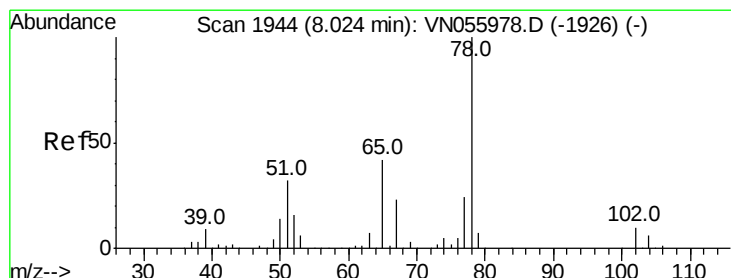
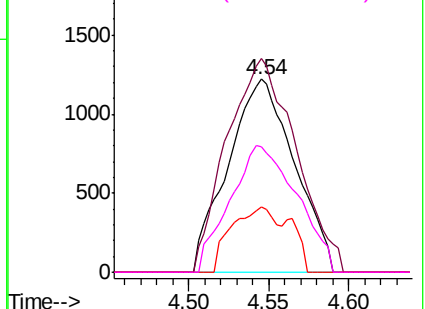
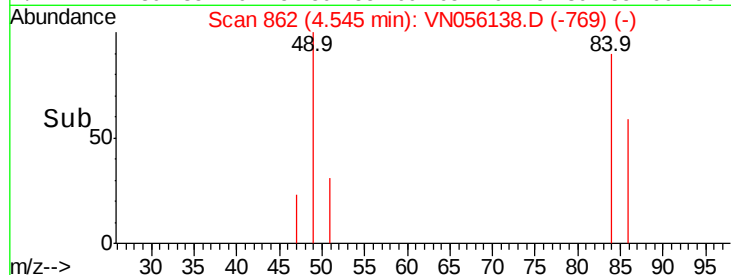


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 50.497 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056138.D

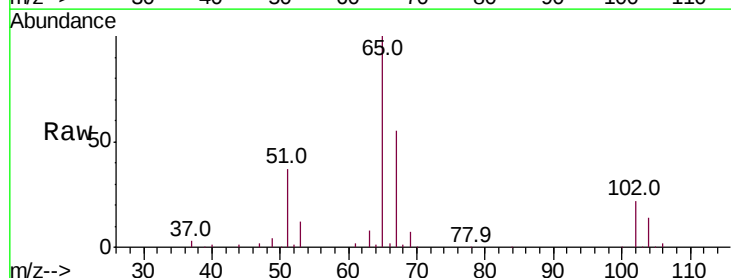
Acq: 8 Jun 2019 8:42

Tgt Ion: 65 Resp: 158483

Ion Ratio Lower Upper

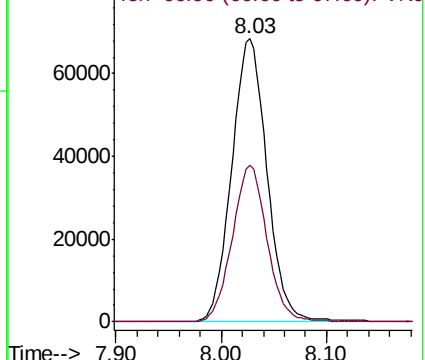
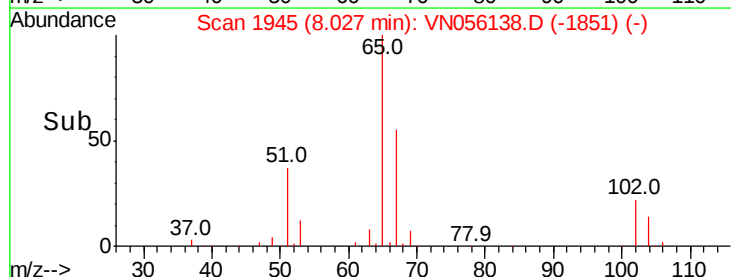
65 100

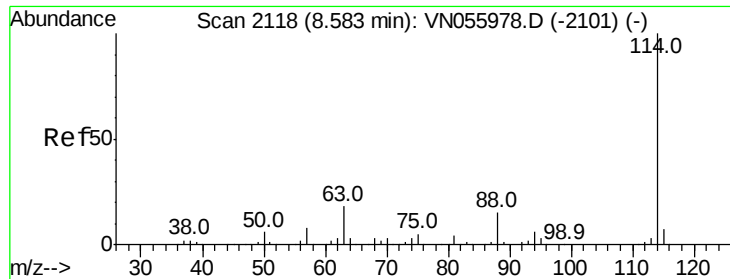
67 54.6 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

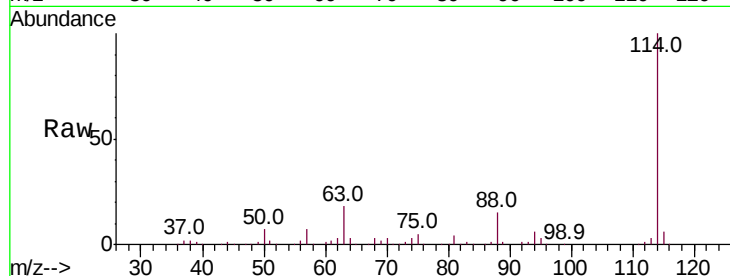




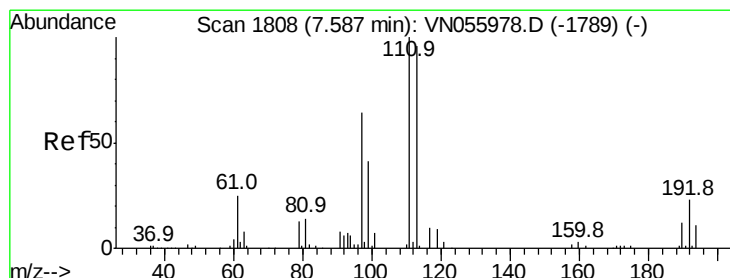
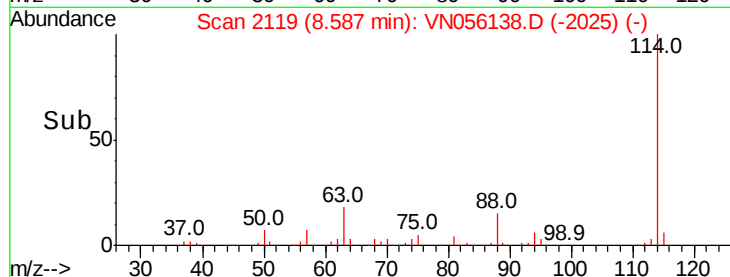
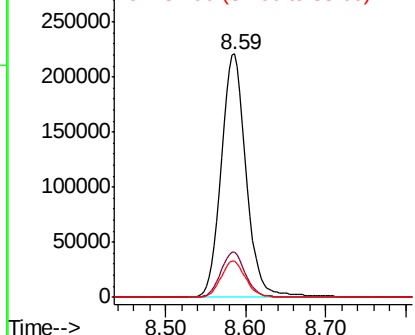
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056138.D
 Acq: 8 Jun 2019 8:42

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-060619-A

Tot Ion:114 Resp: 477473
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.2
 88 14.9 0.0 31.0

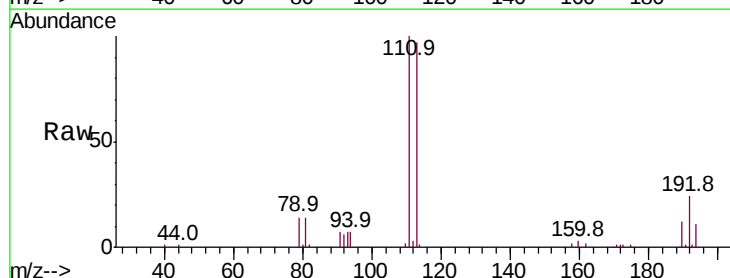


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

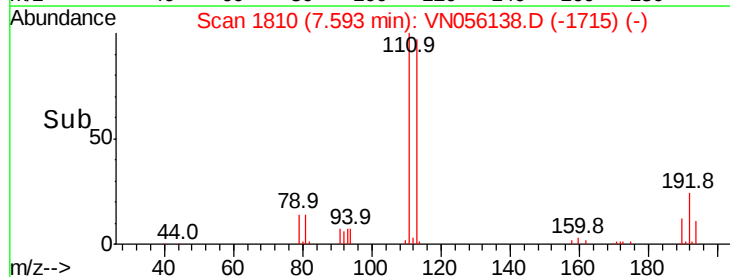
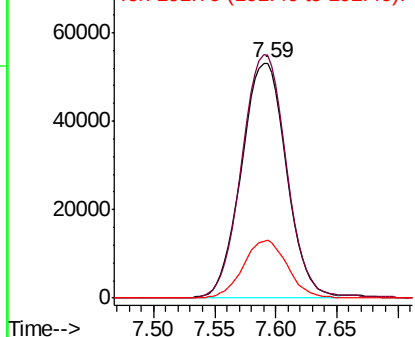


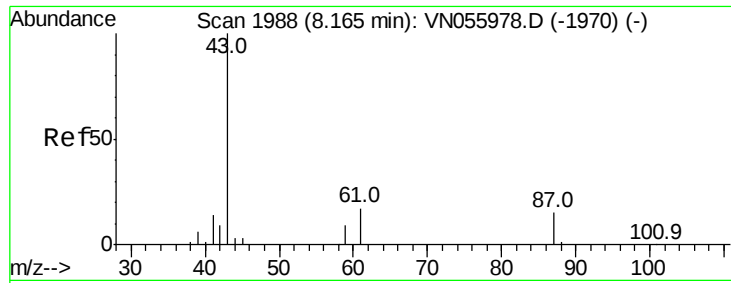
#35
 Dibromofluoromethane
 Concen: 46.435 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VN056138.D
 Acq: 8 Jun 2019 8:42

Tgt Ion:113 Resp: 136029
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.9 122.9
 192 24.0 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: 1.581 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056138.D

Acq: 8 Jun 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

EO-02-060619-A

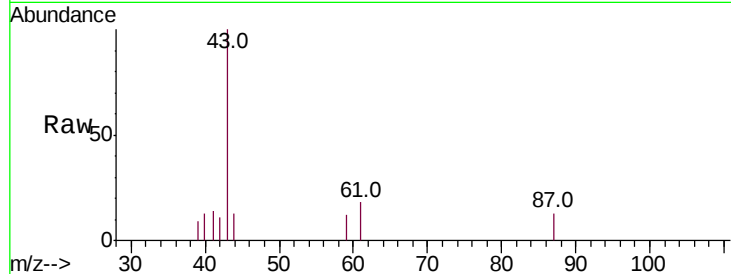
Tot Ion: 43 Resp: 9359

Ion Ratio Lower Upper

43 100

61 18.7 22.2 33.4#

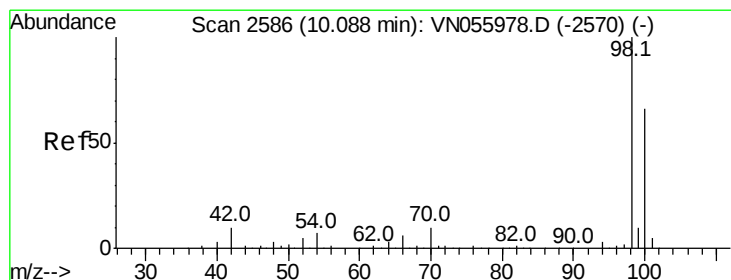
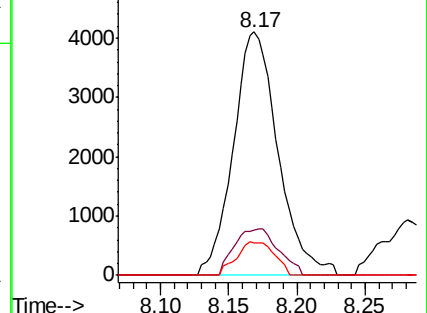
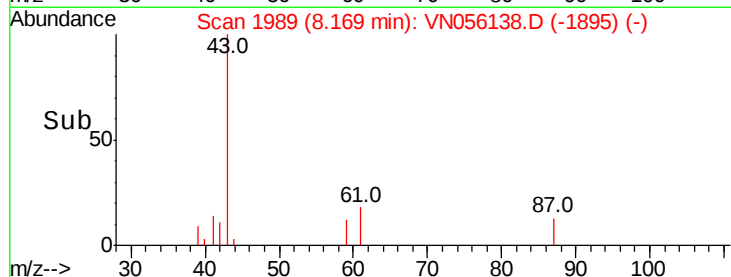
87 11.6 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 52.157 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056138.D

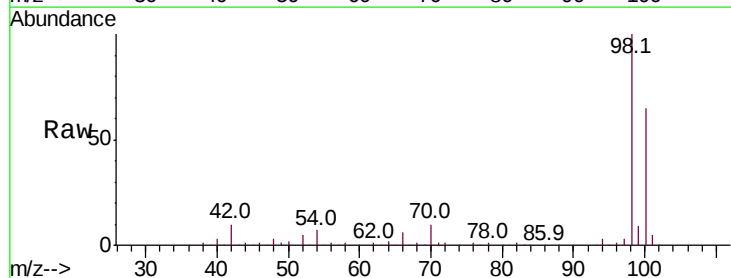
Acq: 8 Jun 2019 8:42

Tgt Ion: 98 Resp: 587939

Ion Ratio Lower Upper

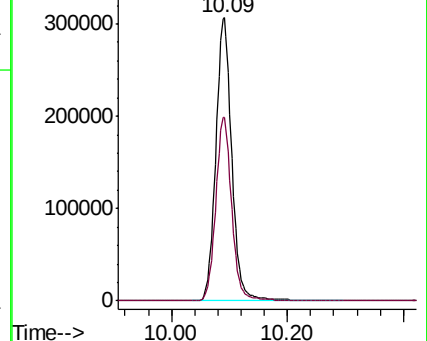
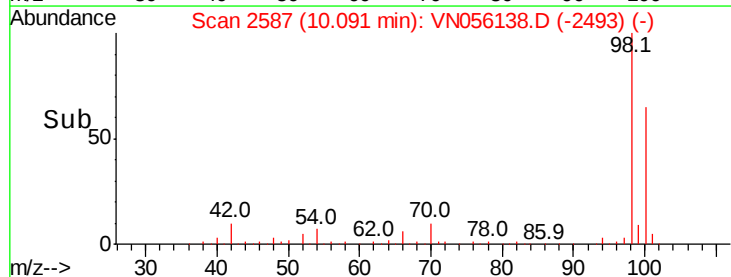
98 100

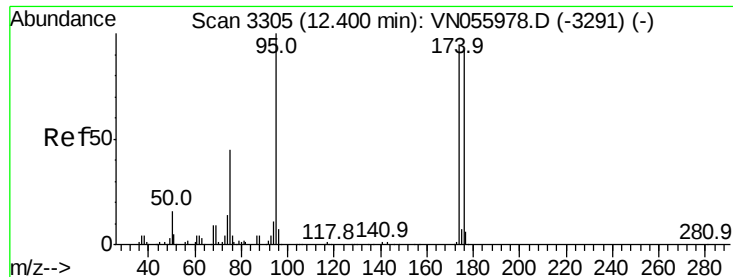
100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 48.598 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056138.D

Acq: 8 Jun 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

EO-02-060619-A

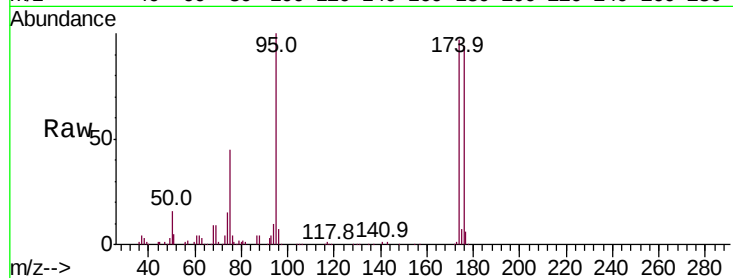
Tot Ion: 95 Resp: 186301

Ion Ratio Lower Upper

95 100

174 97.6 0.0 191.0

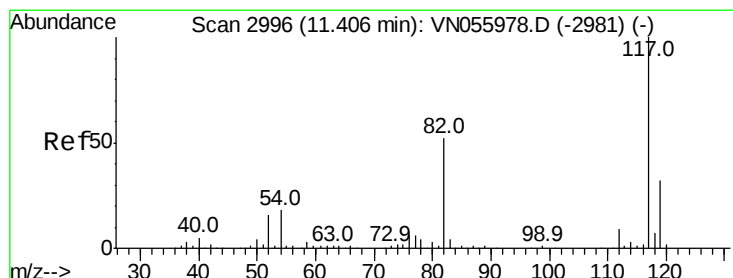
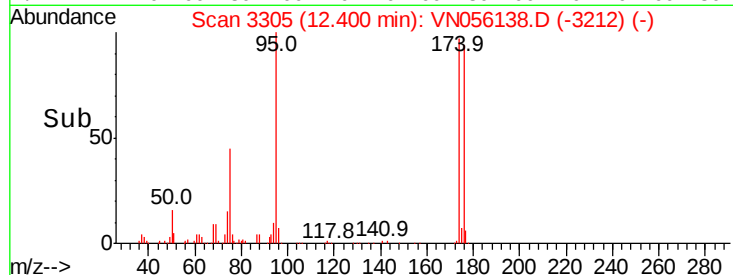
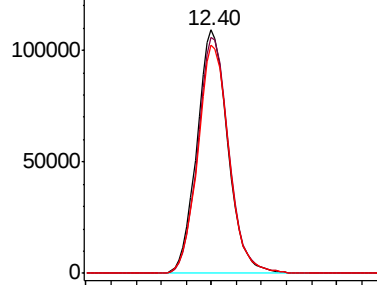
176 94.5 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

150000 Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056138.D

Acq: 8 Jun 2019 8:42

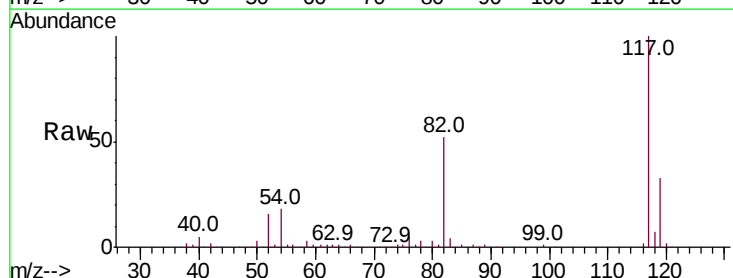
Tgt Ion: 117 Resp: 466550

Ion Ratio Lower Upper

117 100

82 51.6 41.8 62.8

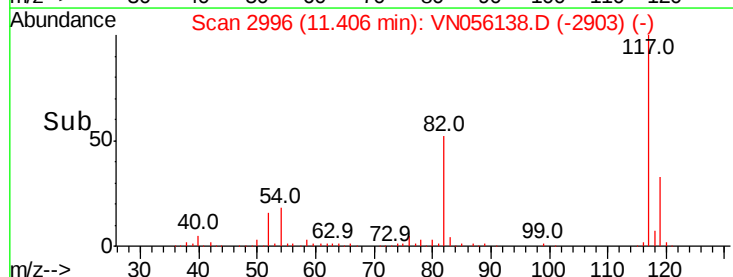
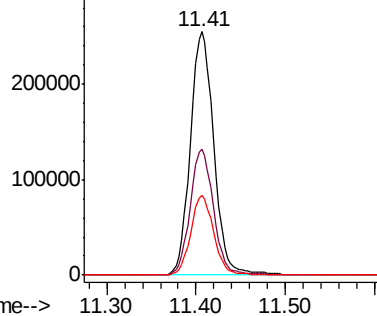
119 32.6 25.4 38.0

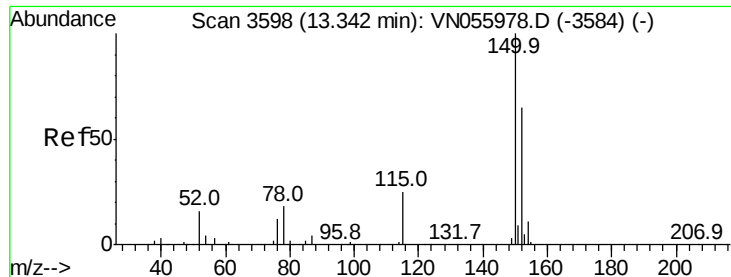


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

300000 Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056138.D

Acq: 8 Jun 2019 8:42

Instrument :

MSVOA_N

ClientSampleId :

EO-02-060619-A

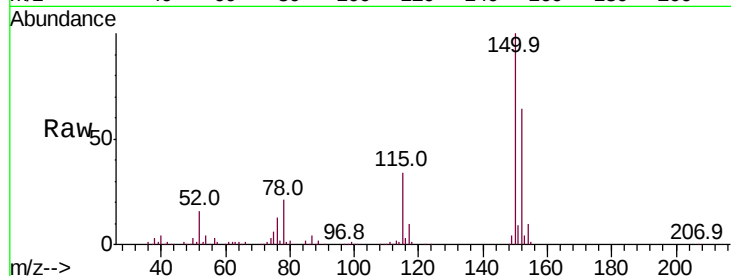
Tot Ion:152 Resp: 151134

Ion Ratio Lower Upper

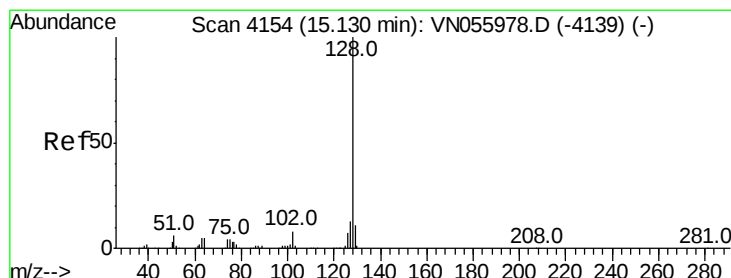
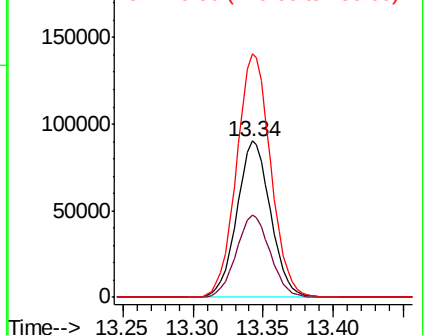
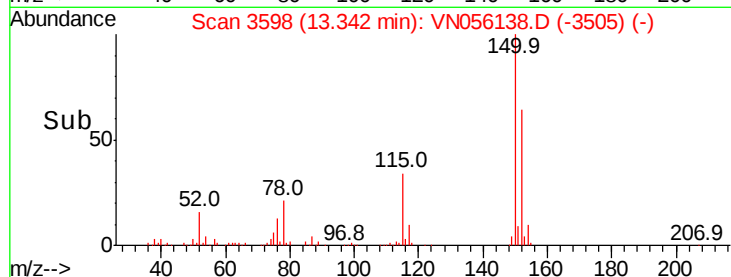
152 100

115 52.9 27.0 81.0

150 157.6 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



#95

Naphthalene

Concen: 5.864 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056138.D

Acq: 8 Jun 2019 8:42

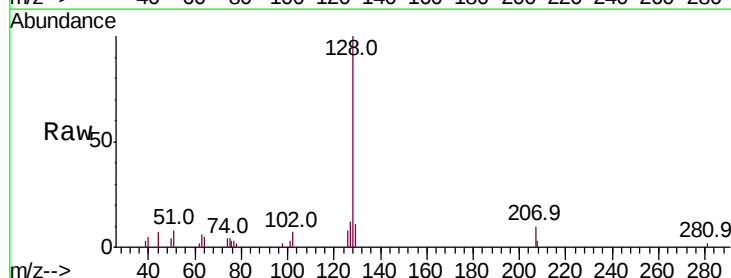
Tgt Ion:128 Resp: 15761

Ion Ratio Lower Upper

128 100

127 10.9 10.3 15.5

129 10.3 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

