

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056137.D
 Acq On : 8 Jun 2019 8:17
 Operator : JC/SP
 Sample : K3158-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-060619

Quant Time: Jun 10 02:07:12 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

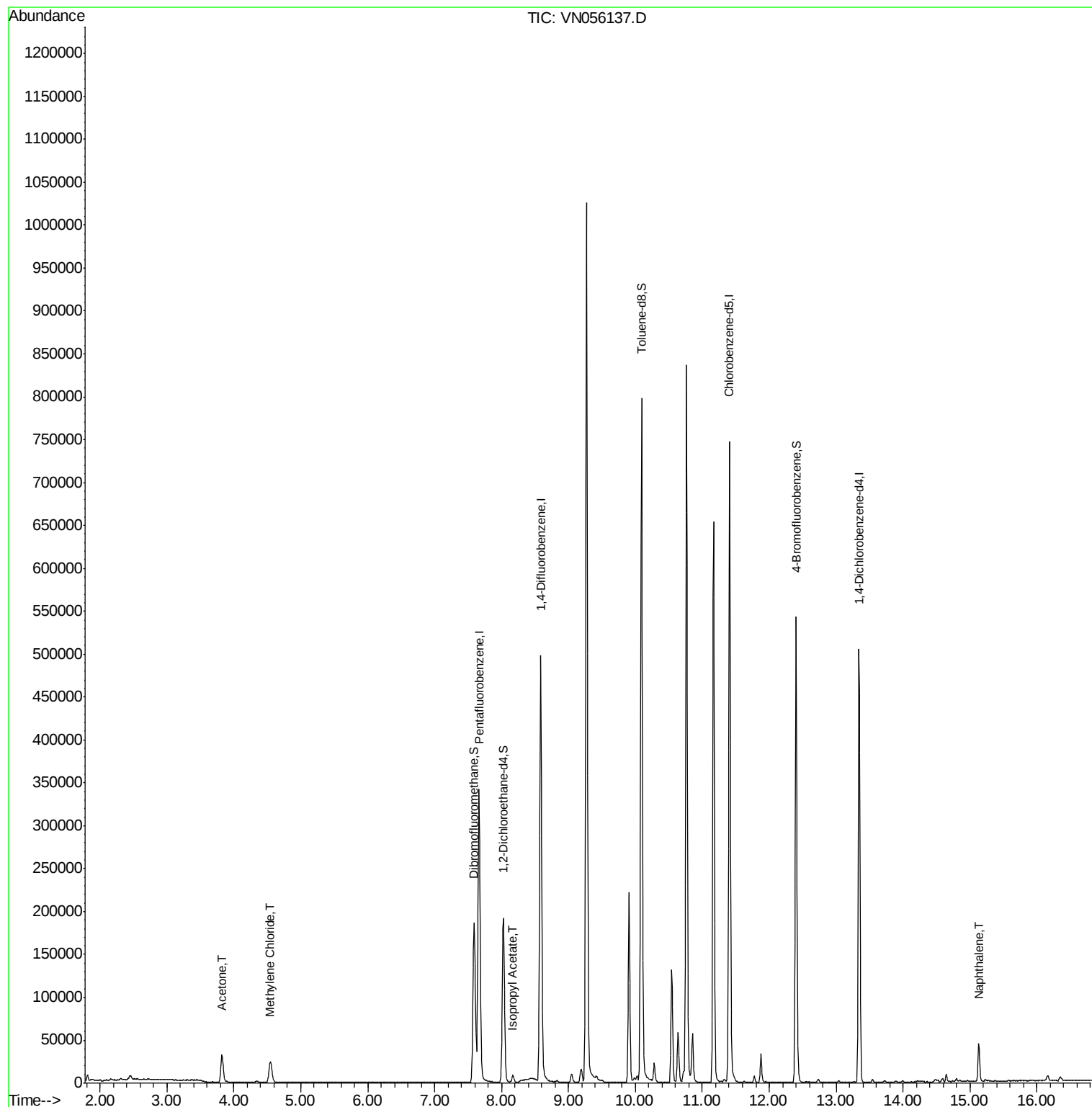
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	323136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	497179	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	478785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	158991	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	162440	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
35) Dibromofluoromethane	7.59	113	141479	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
50) Toluene-d8	10.09	98	604657	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
62) 4-Bromofluorobenzene	12.40	95	194145	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
Target Compounds						
16) Acetone	3.82	43	53082	34.592	ug/l	96
20) Methylene Chloride	4.54	84	20440	6.465	ug/l	96
43) Isopropyl Acetate	8.17	43	9832	1.595	ug/l #	88
95) Naphthalene	15.13	128	43180	9.092	ug/l	99

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

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QLast Update : Tue Jun 04 11:02:09 2019
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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: VN056137.D

Acq: 8 Jun 2019 8:17

Instrument :

MSVOA_N

ClientSampleId :

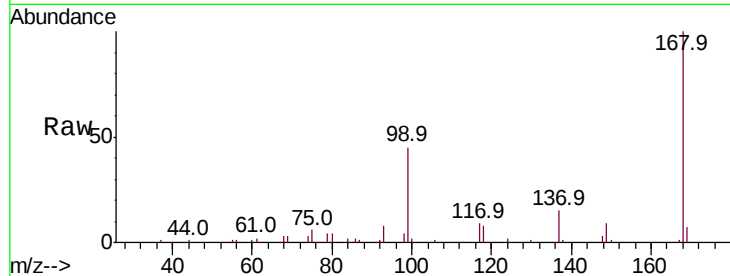
OK-03-060619

Tot Ion:168 Resp: 323136

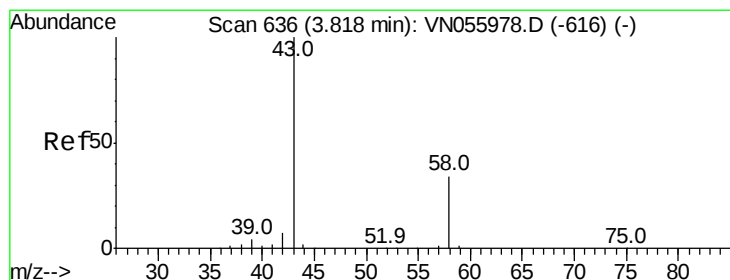
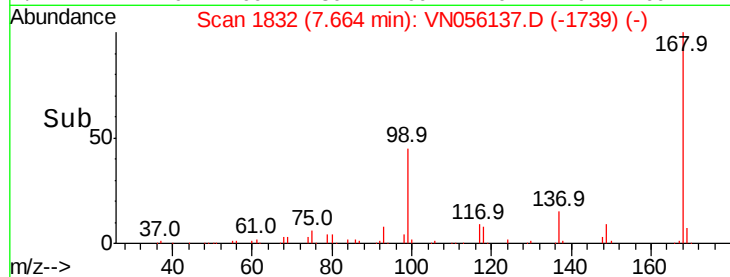
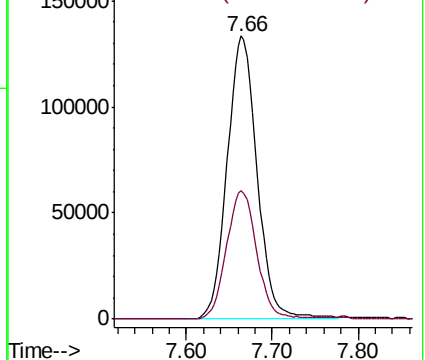
Ion Ratio Lower Upper

168 100

99 45.3 37.2 55.8



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



#16

Acetone

Concen: 34.592 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056137.D

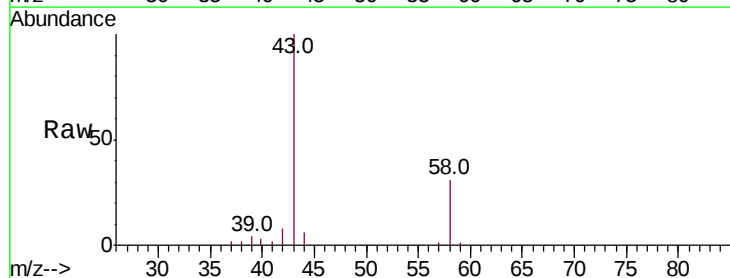
Acq: 8 Jun 2019 8:17

Tgt Ion: 43 Resp: 53082

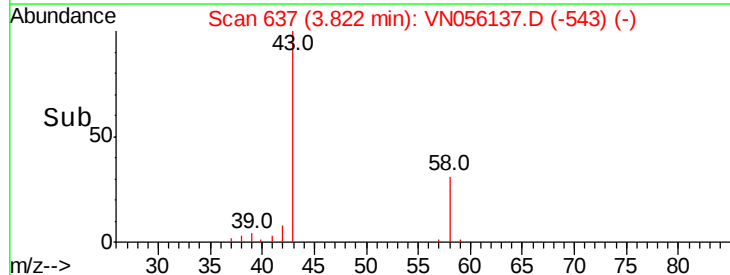
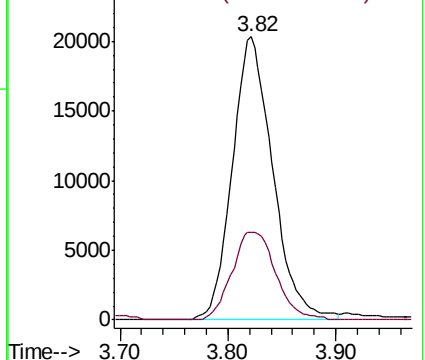
Ion Ratio Lower Upper

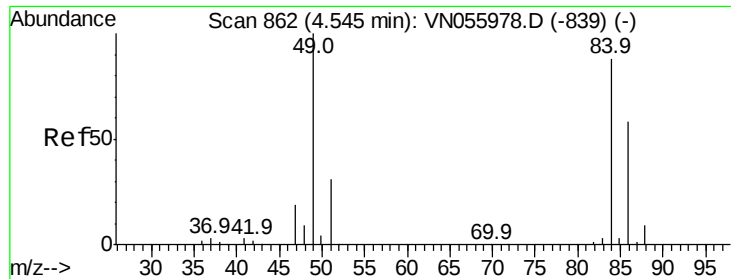
43 100

58 30.9 26.6 39.8



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





#20

Methylene Chloride

Concen: 6.465 ug/l

RT: 4.54 min Scan# 861

Delta R.T. -0.00 min

Lab File: VN056137.D

Acq: 8 Jun 2019 8:17

Instrument :

MSVOA_N

ClientSampled :

OK-03-060619

Tot Ion: 84 Resp: 20440

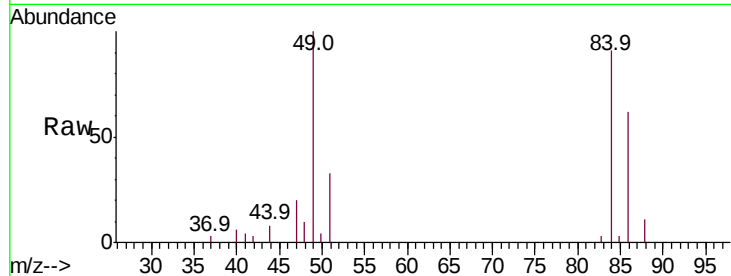
Ion Ratio Lower Upper

84 100

49 110.2 93.5 140.3

51 36.3 28.6 43.0

86 68.3 52.6 79.0

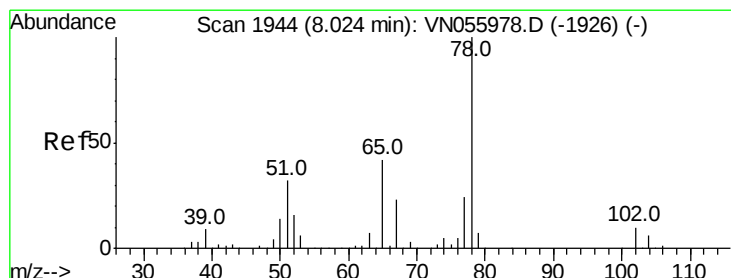
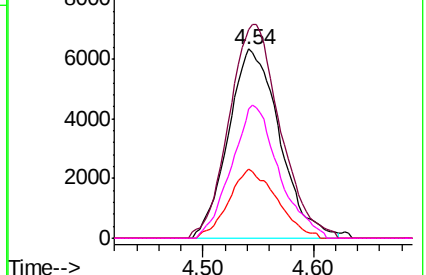
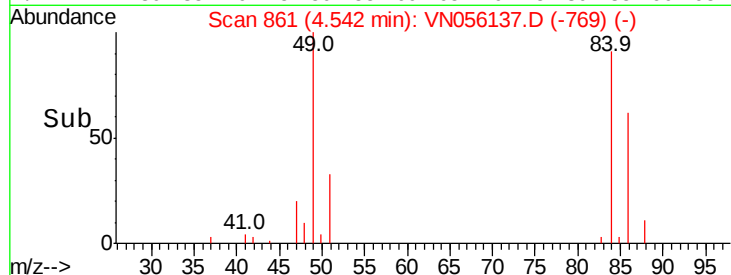


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 50.629 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056137.D

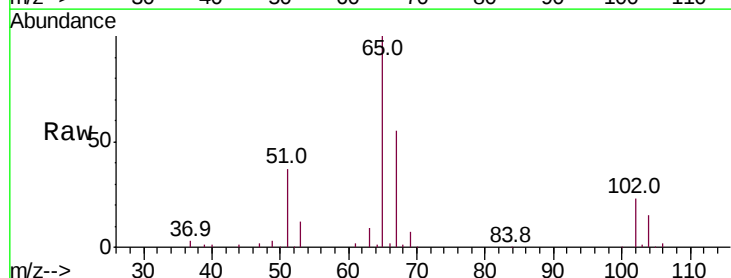
Acq: 8 Jun 2019 8:17

Tgt Ion: 65 Resp: 162440

Ion Ratio Lower Upper

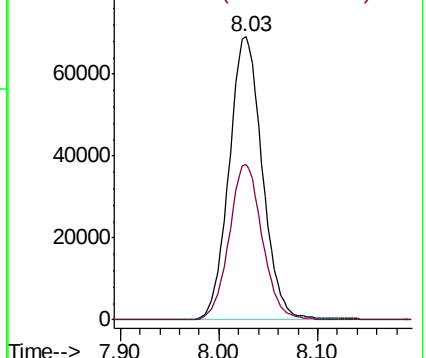
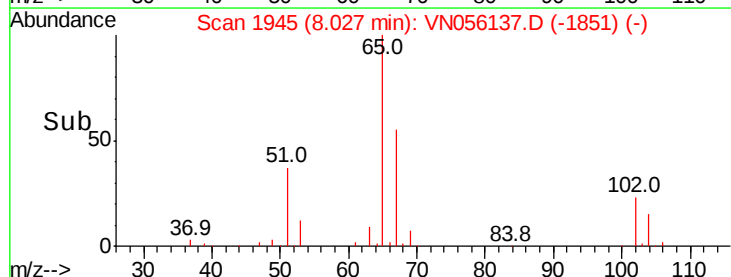
65 100

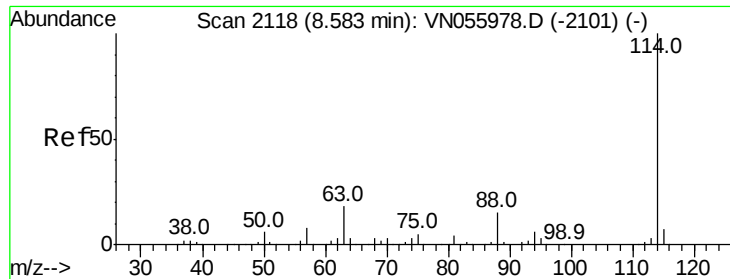
67 54.9 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

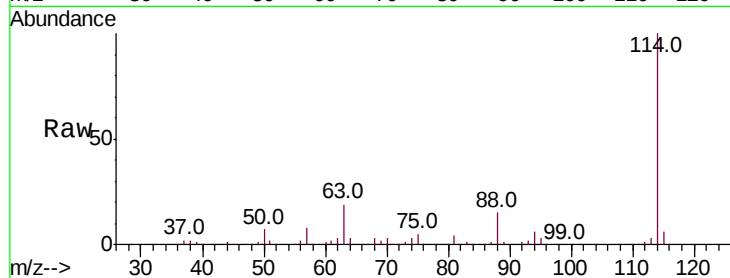




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056137.D
Acq: 8 Jun 2019 8:17

Instrument :
MSVOA_N
ClientSampleId :
OK-03-060619

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	39.2
88	14.8	0.0	31.0

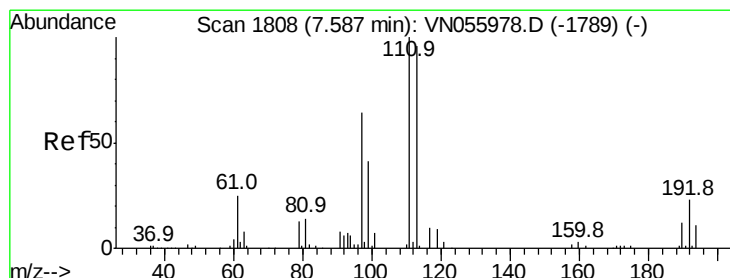
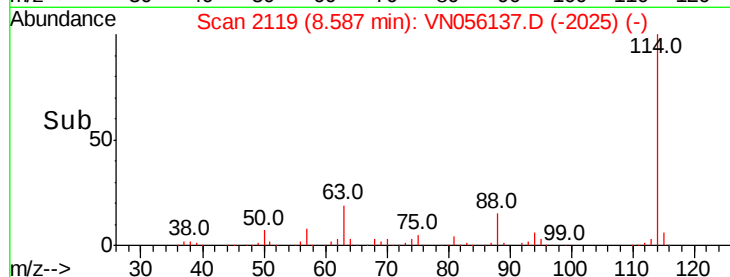
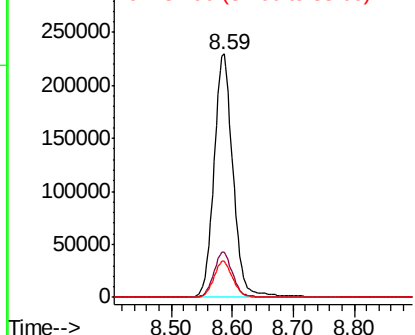


Abundance

Ion 113.90 (113.60 to 114.60): V

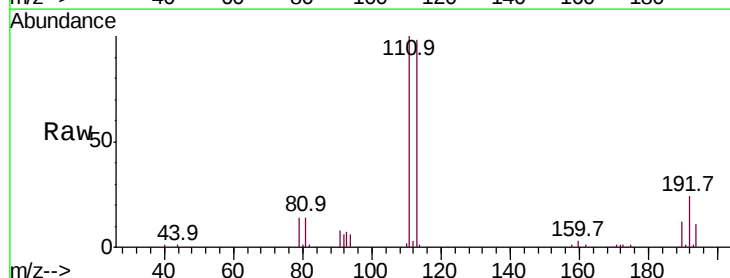
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
Dibromofluoromethane
Concen: 46.381 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056137.D
Acq: 8 Jun 2019 8:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.9	122.9
192	24.3	19.5	29.3

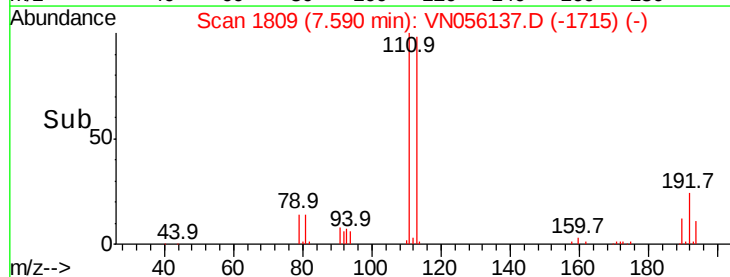
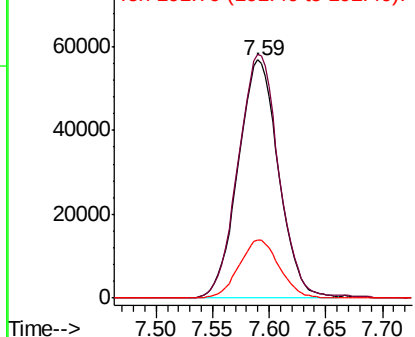


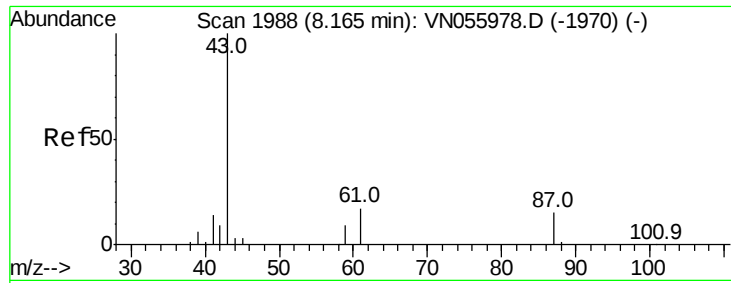
Abundance

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: 1.595 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN056137.D

Acq: 8 Jun 2019 8:17

Instrument :

MSVOA_N

ClientSampleId :

OK-03-060619

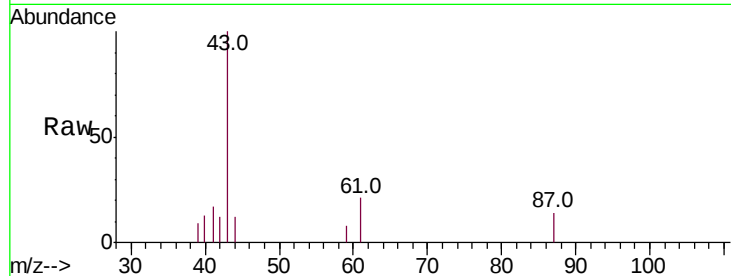
Tot Ion: 43 Resp: 9832

Ion Ratio Lower Upper

43 100

61 19.5 22.2 33.4#

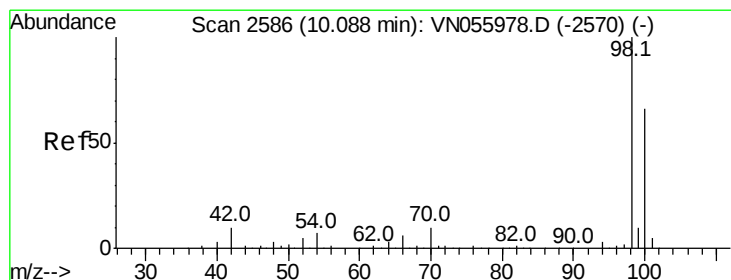
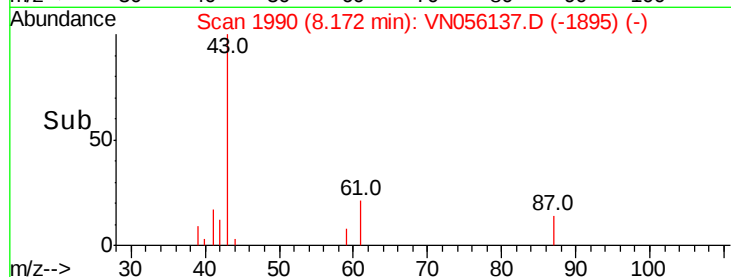
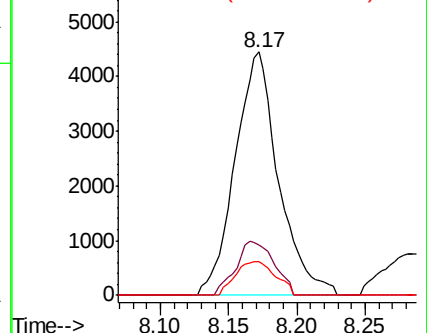
87 12.8 11.4 17.2



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: 51.514 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056137.D

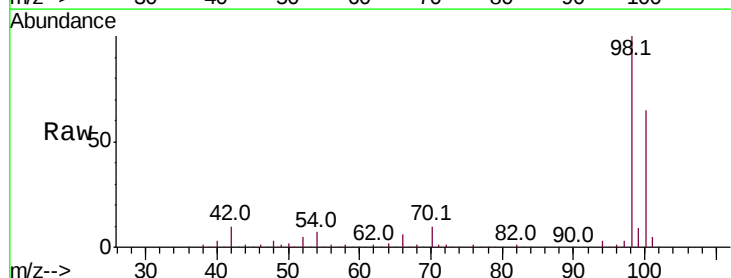
Acq: 8 Jun 2019 8:17

Tgt Ion: 98 Resp: 604657

Ion Ratio Lower Upper

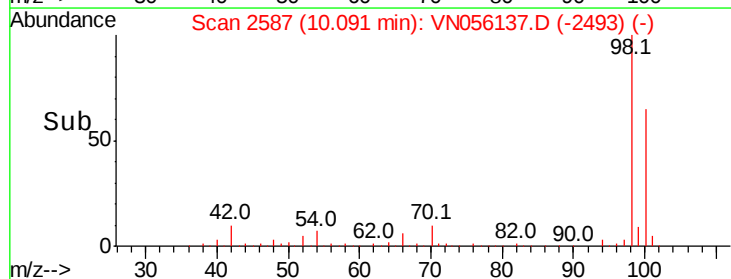
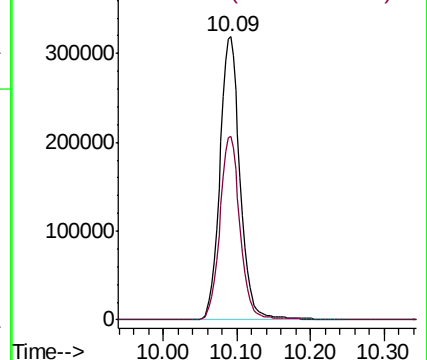
98 100

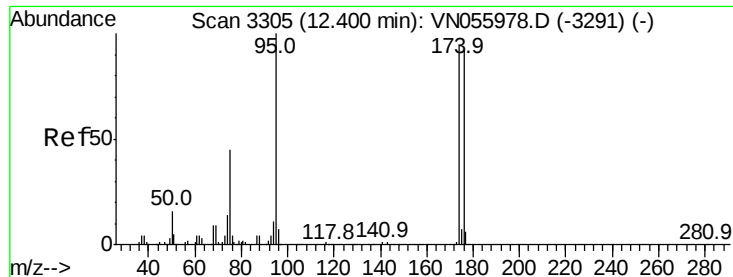
100 64.4 51.9 77.9



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: 48.637 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056137.D

Acq: 8 Jun 2019 8:17

Instrument :

MSVOA_N

ClientSampleId :

OK-03-060619

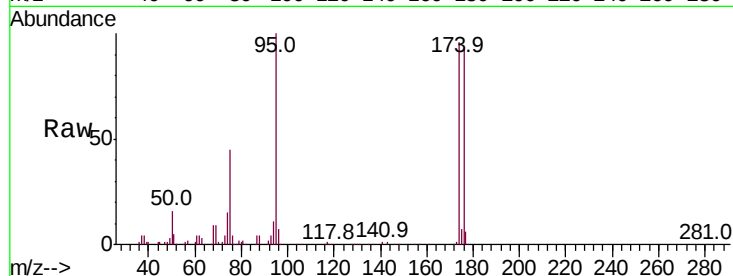
Tot Ion: 95 Resp: 194145

Ion Ratio Lower Upper

95 100

174 96.5 0.0 191.0

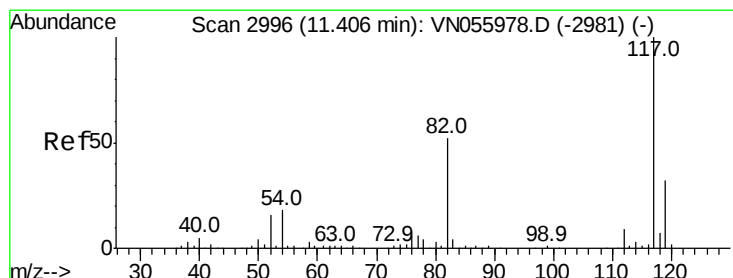
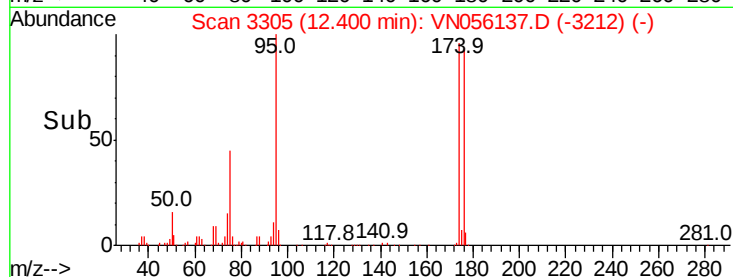
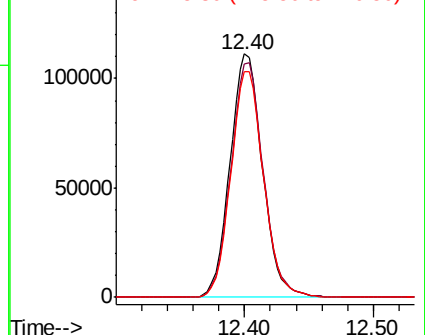
176 93.5 0.0 185.2



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

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: VN056137.D

Acq: 8 Jun 2019 8:17

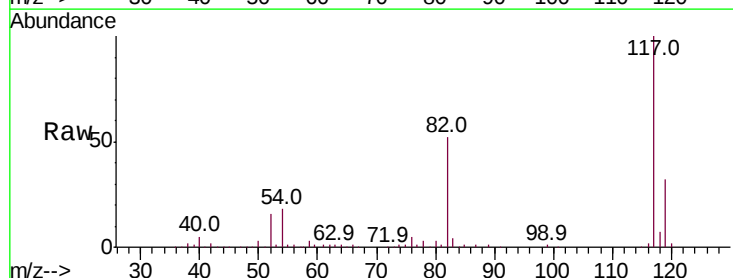
Tgt Ion: 117 Resp: 478785

Ion Ratio Lower Upper

117 100

82 52.0 41.8 62.8

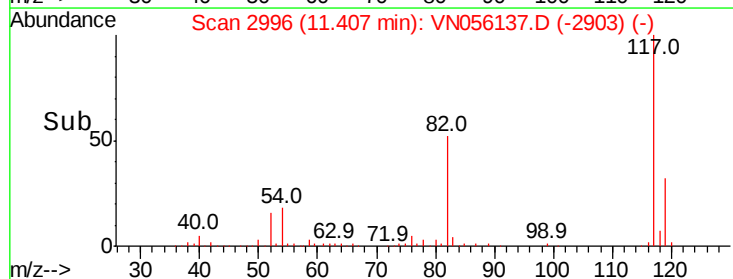
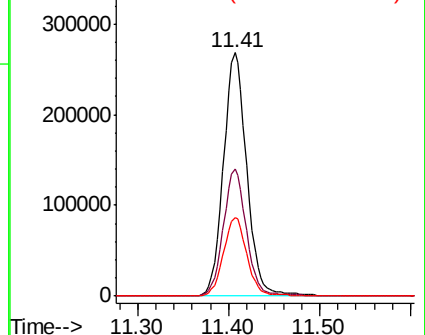
119 32.3 25.4 38.0

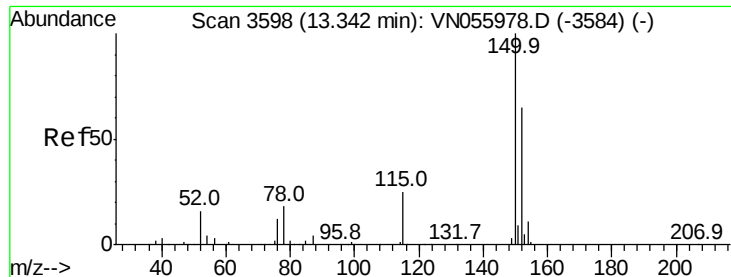


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

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: VN056137.D

Acq: 8 Jun 2019 8:17

Instrument :

MSVOA_N

ClientSampleId :

OK-03-060619

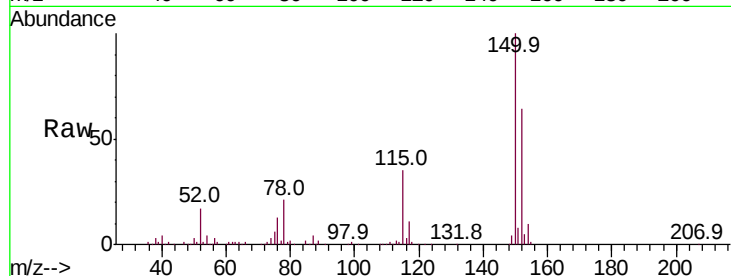
Tot Ion:152 Resp: 158991

Ion Ratio Lower Upper

152 100

115 54.1 27.0 81.0

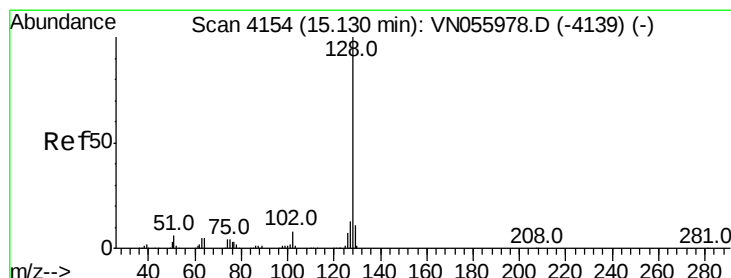
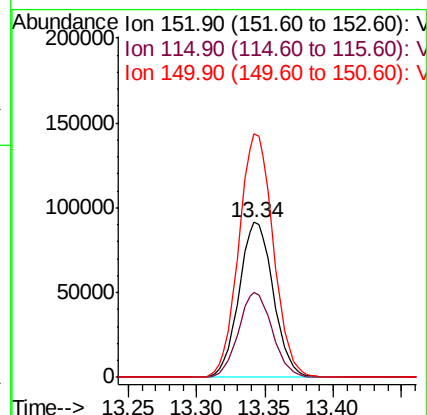
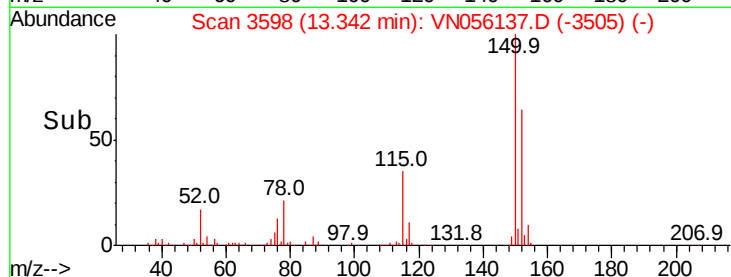
150 158.3 0.0 343.2



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: 9.092 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056137.D

Acq: 8 Jun 2019 8:17

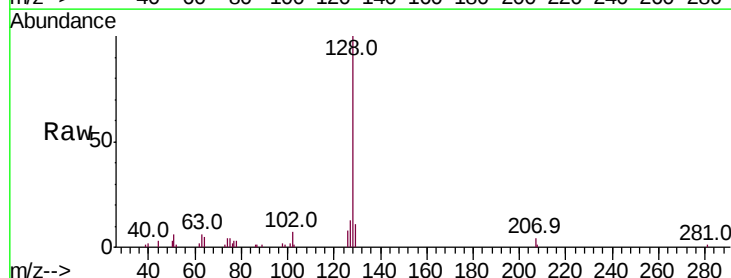
Tgt Ion:128 Resp: 43180

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.2 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

