

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101819\
 Data File : VN058870.D
 Acq On : 18 Oct 2019 19:45
 Operator : JC/SP
 Sample : K5452-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-JBW7812B

Quant Time: Oct 21 08:49:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

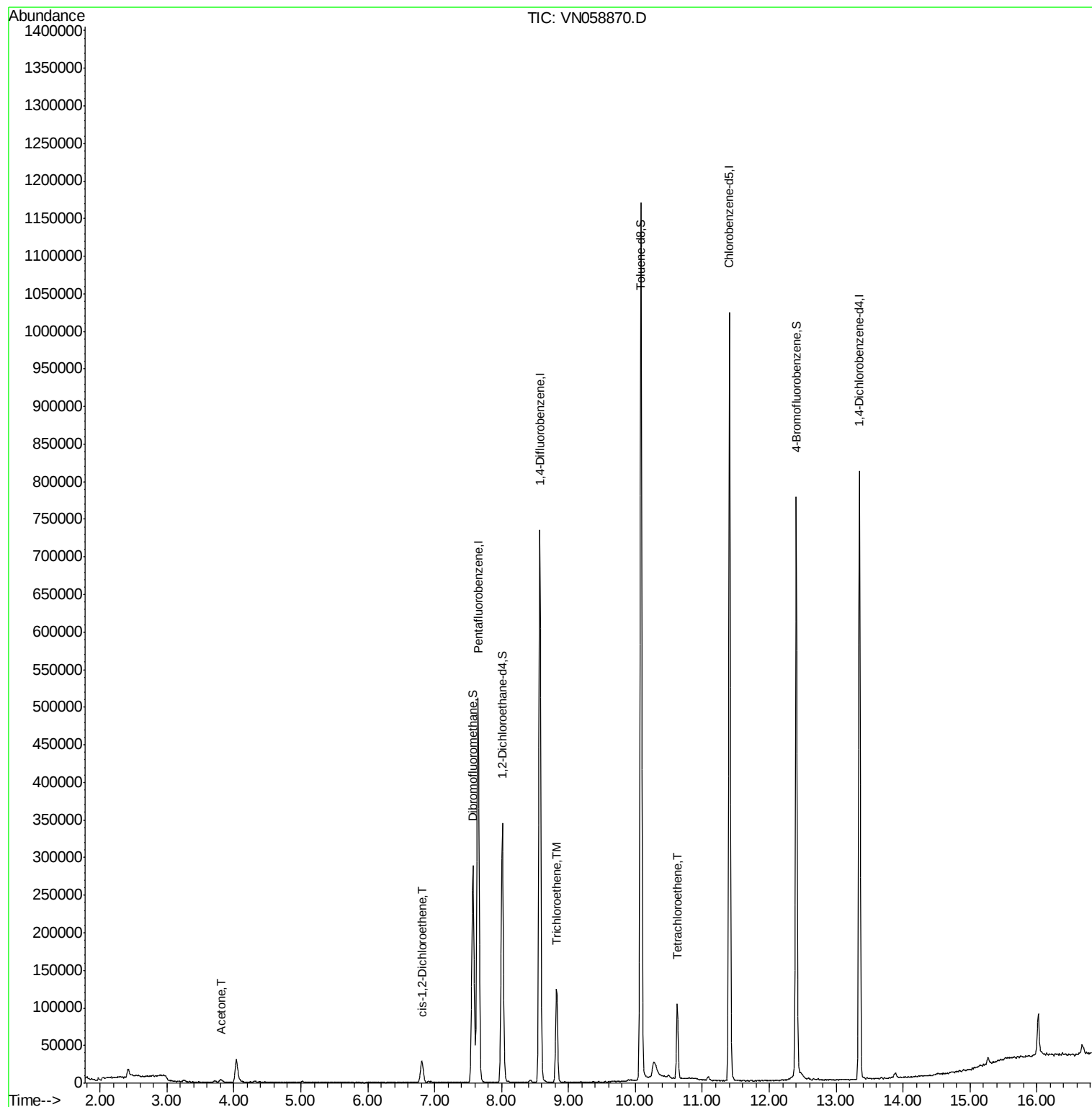
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	389126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	625832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	562153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	207268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	302076	52.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.86%	
35) Dibromofluoromethane	7.57	113	215639	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
50) Toluene-d8	10.08	98	805725	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.40	95	253302	43.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.36%	
Target Compounds						
16) Acetone	3.80	43	8040	2.851	ug/l	89
27) cis-1,2-Dichloroethene	6.81	96	18718	3.868	ug/l	85
44) Trichloroethene	8.82	130	45104	9.841	ug/l	99
64) Tetrachloroethene	10.63	164	21831	5.545	ug/l	96

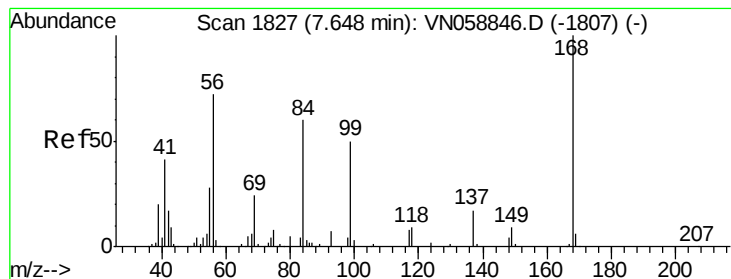
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058870.D

Acq: 18 Oct 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

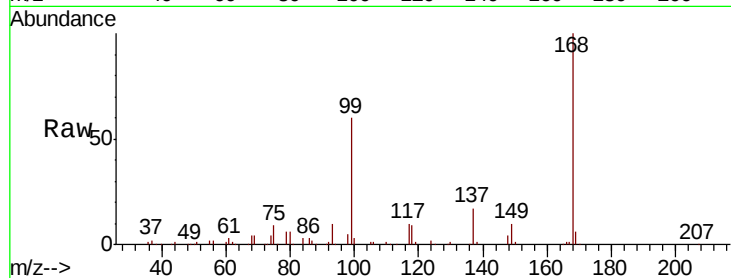
FA19-JBW7812B

Tot Ion:168 Resp: 389126

Ion Ratio Lower Upper

168 100

99 59.7 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

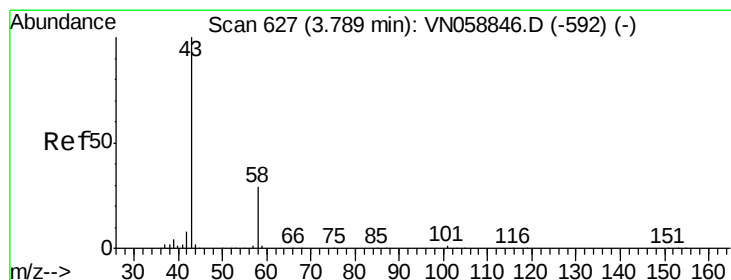
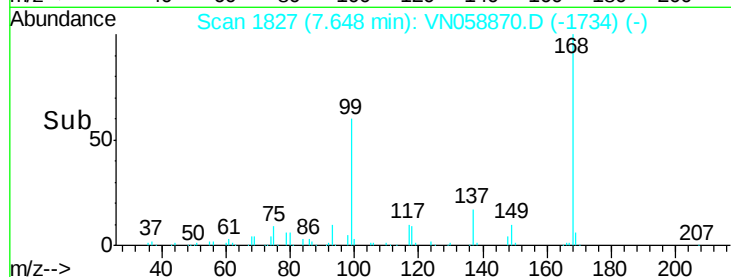
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 2.851 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058870.D

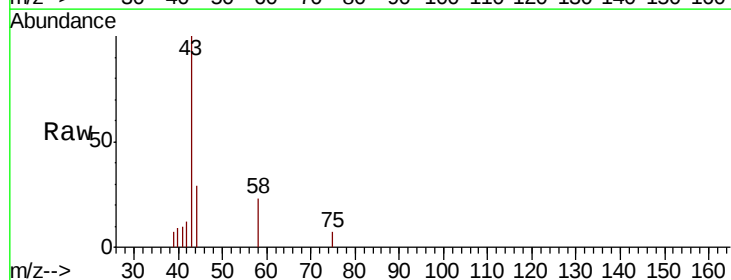
Acq: 18 Oct 2019 19:45

Tgt Ion: 43 Resp: 8040

Ion Ratio Lower Upper

43 100

58 23.2 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

3000

2500

2000

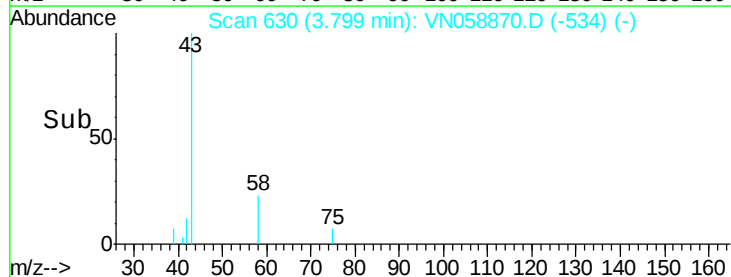
1500

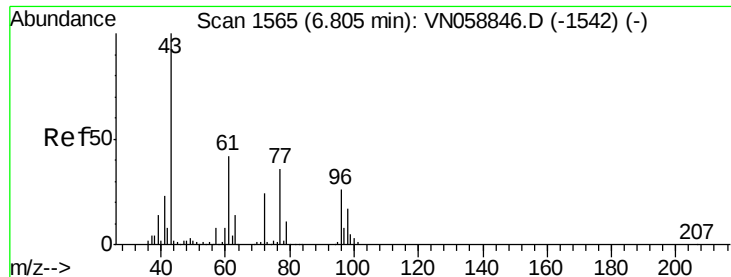
1000

500

0

Time--> 3.70 3.75 3.80 3.85 3.90





#27

cis-1,2-Dichloroethene

Concen: 3.868 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.01 min

Lab File: VN058870.D

Acq: 18 Oct 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7812B

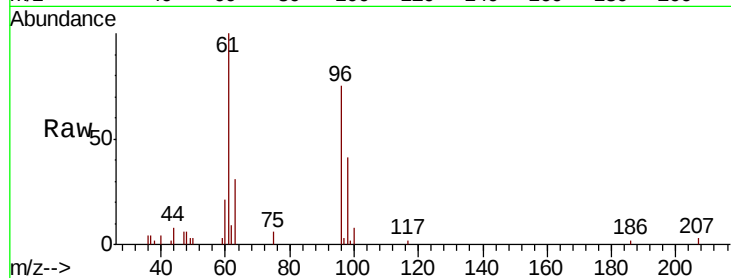
Tot Ion: 96 Resp: 18718

Ion Ratio Lower Upper

96 100

61 138.1 0.0 325.0

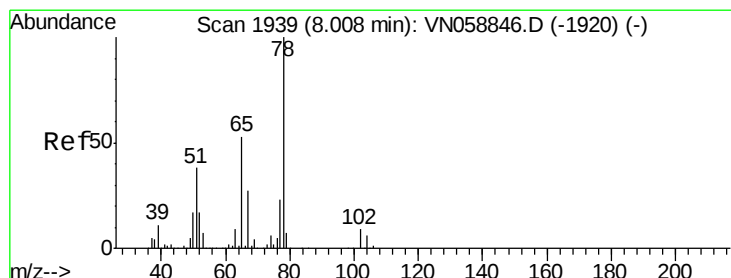
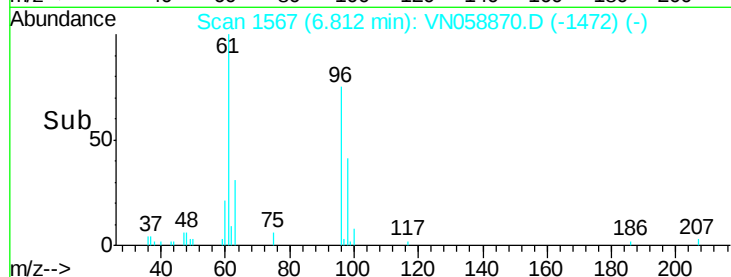
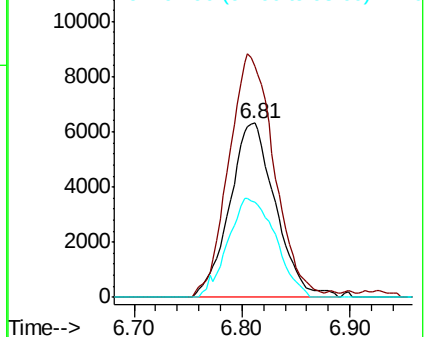
98 58.8 0.0 128.0



Abundance Ion 95.90 (95.60 to 96.60): VN058870.D (-1472) (-)

Ion 60.90 (60.60 to 61.60): VN058870.D (-1472) (-)

Ion 97.90 (97.60 to 98.60): VN058870.D (-1472) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.930 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058870.D

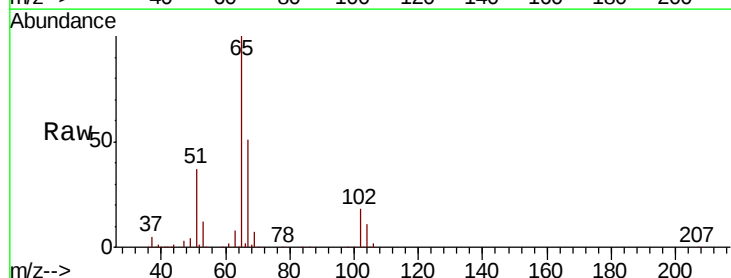
Acq: 18 Oct 2019 19:45

Tgt Ion: 65 Resp: 302076

Ion Ratio Lower Upper

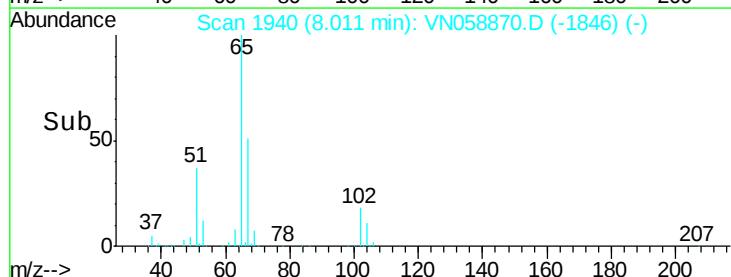
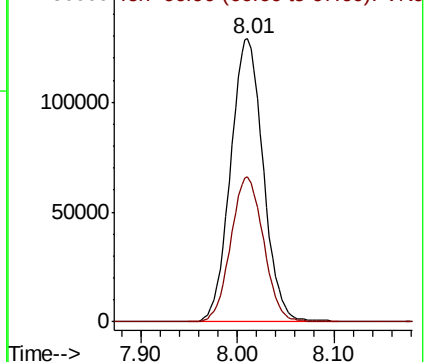
65 100

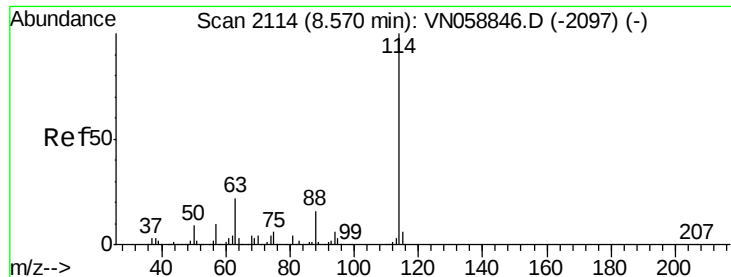
67 51.4 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VN058870.D (-1846) (-)

Ion 66.90 (66.60 to 67.60): VN058870.D (-1846) (-)

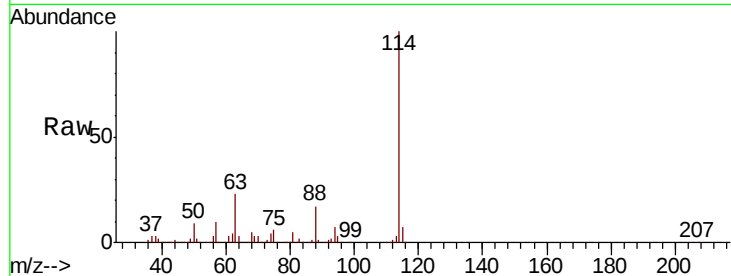




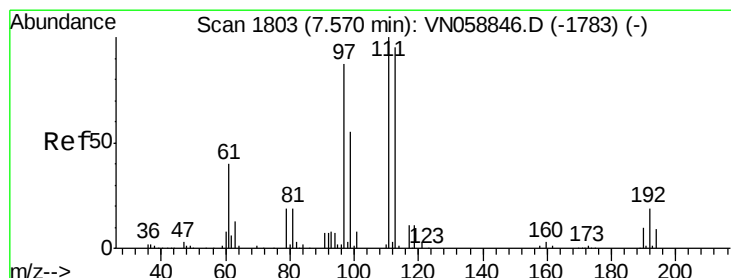
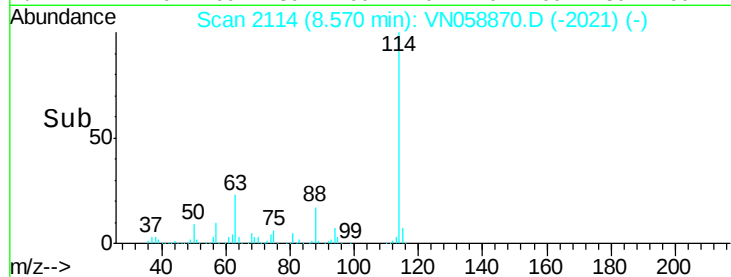
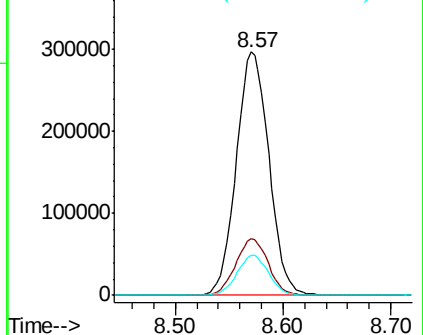
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VN058870.D
Acq: 18 Oct 2019 19:45

Instrument :
MSVOA_N
ClientSampleId :
FA19-JBW7812B

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	44.4
88	16.5	0.0	31.4

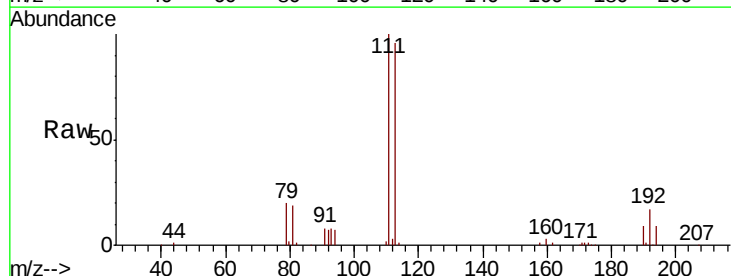


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

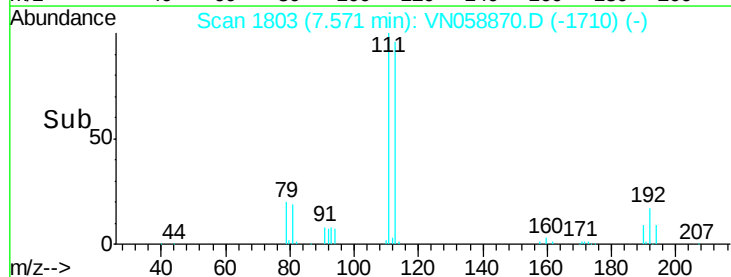
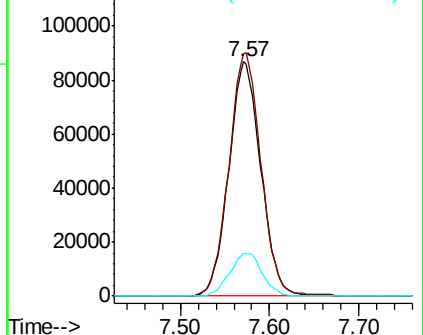


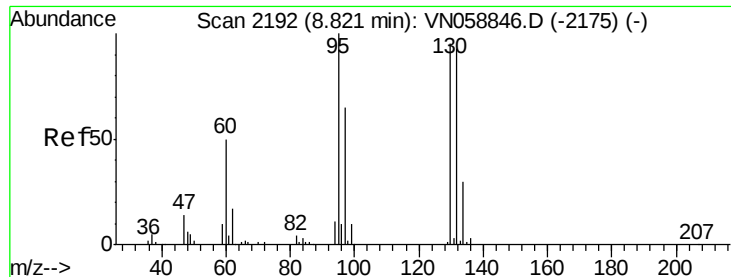
#35
Dibromofluoromethane
Concen: 52.407 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN058870.D
Acq: 18 Oct 2019 19:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.0	123.0
192	18.5	15.0	22.6



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





#44

Trichloroethene

Concen: 9.841 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN058870.D

Acq: 18 Oct 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

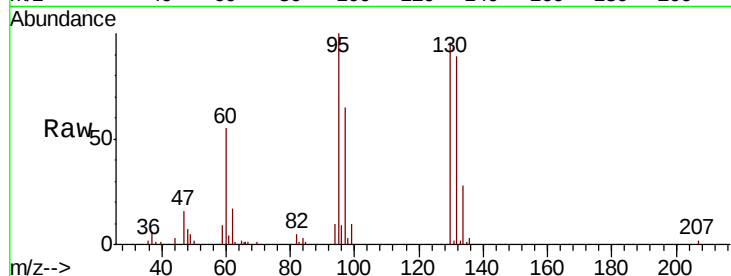
FA19-JBW7812B

Tot Ion:130 Resp: 45104

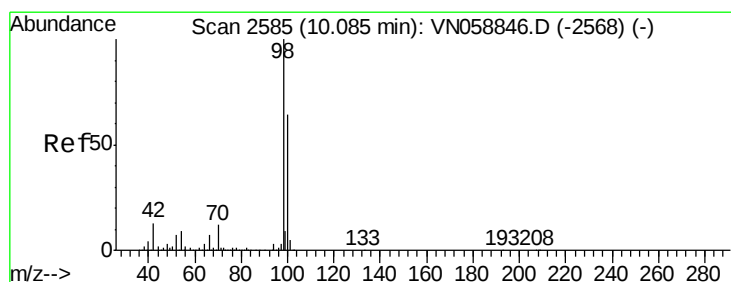
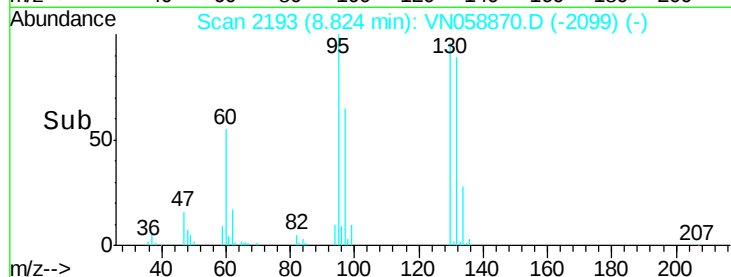
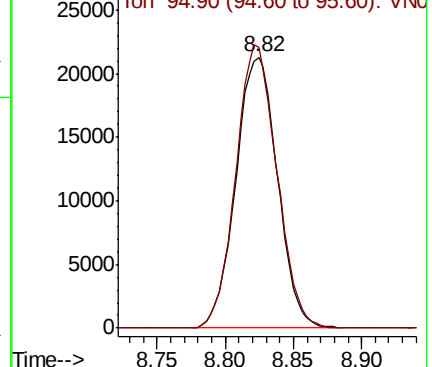
Ion Ratio Lower Upper

130 100

95 103.8 0.0 209.6



Abundance Ion 129.80 (129.50 to 130.50): VN058870.D (-2099) (-)



#50

Toluene-d8

Concen: 50.444 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN058870.D

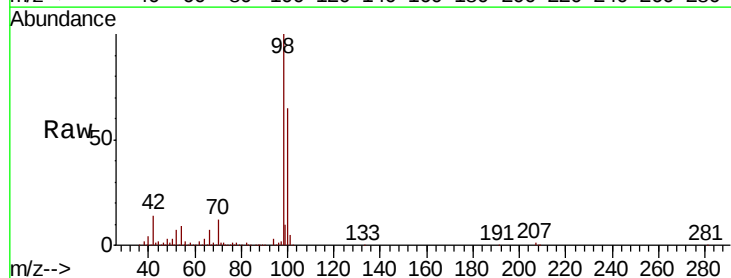
Acq: 18 Oct 2019 19:45

Tgt Ion: 98 Resp: 805725

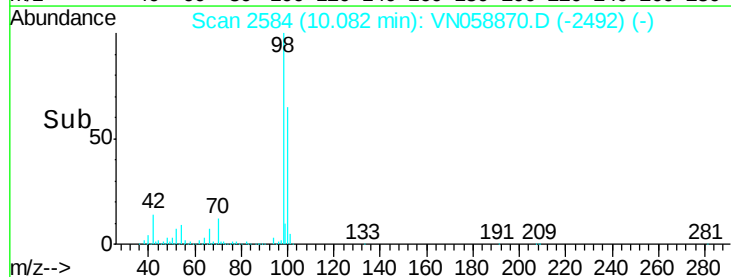
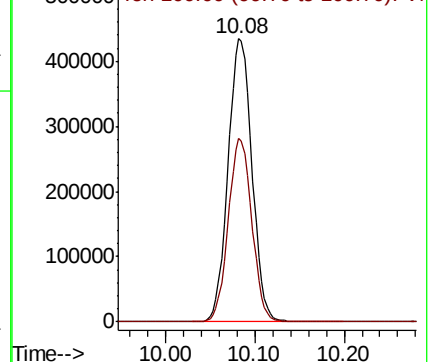
Ion Ratio Lower Upper

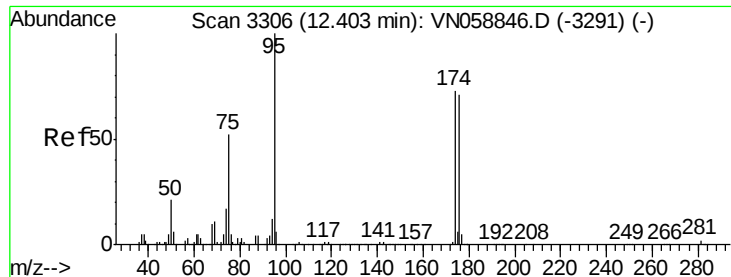
98 100

100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN058870.D (-2492) (-)





#62

4-Bromofluorobenzene

Concen: 43.185 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058870.D

Acq: 18 Oct 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7812B

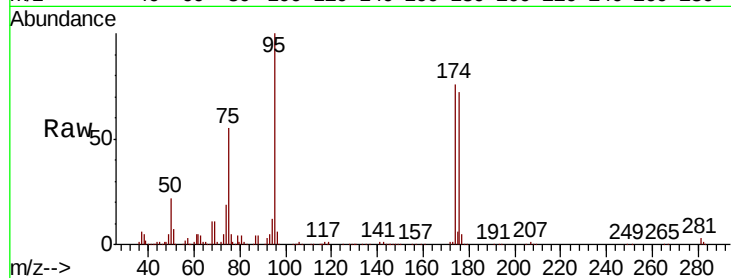
Tot Ion: 95 Resp: 253302

Ion Ratio Lower Upper

95 100

174 76.5 0.0 147.6

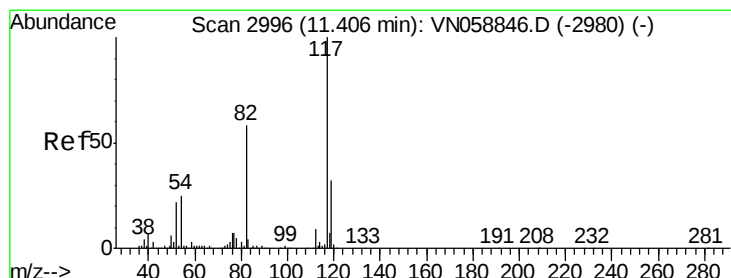
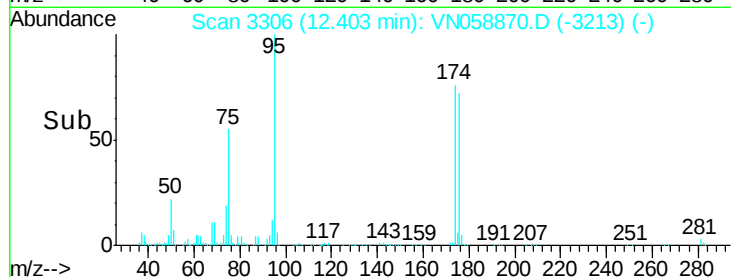
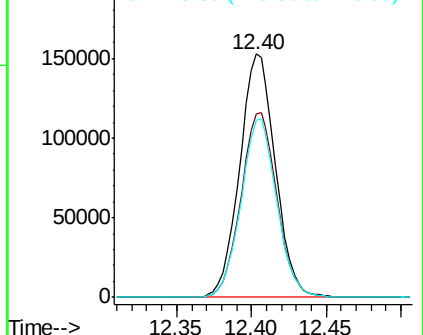
176 73.7 0.0 143.2



Abundance Ion 94.90 (94.60 to 95.60): VN058870.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058870.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058870.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058870.D

Acq: 18 Oct 2019 19:45

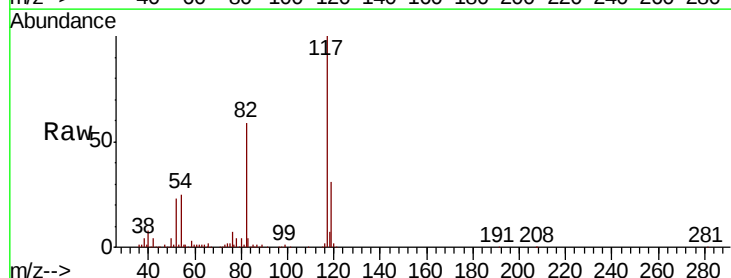
Tgt Ion: 117 Resp: 562153

Ion Ratio Lower Upper

117 100

82 58.7 46.6 69.8

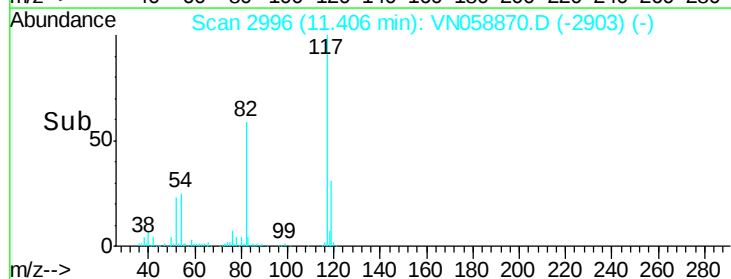
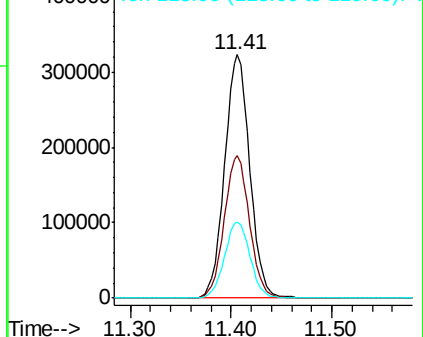
119 31.5 25.6 38.4

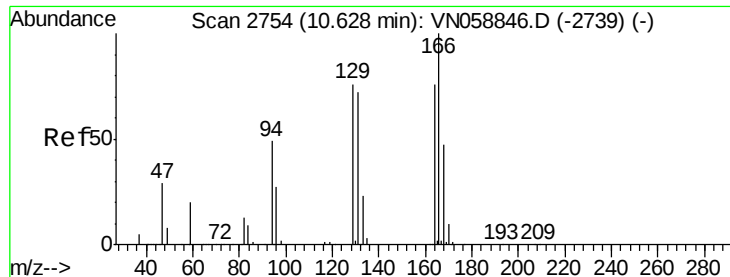


Abundance Ion 116.90 (116.60 to 117.60): VN058870.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058870.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058870.D (-2903) (-)





#64

Tetrachloroethene

Concen: 5.545 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. -0.00 min

Lab File: VN058870.D

Acq: 18 Oct 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7812B

Tot Ion:164 Resp: 21831

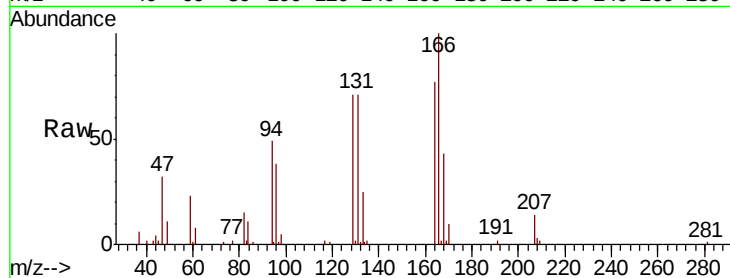
Ion Ratio Lower Upper

164 100

166 129.3 104.8 157.2

129 91.9 79.3 118.9

131 91.5 75.8 113.6

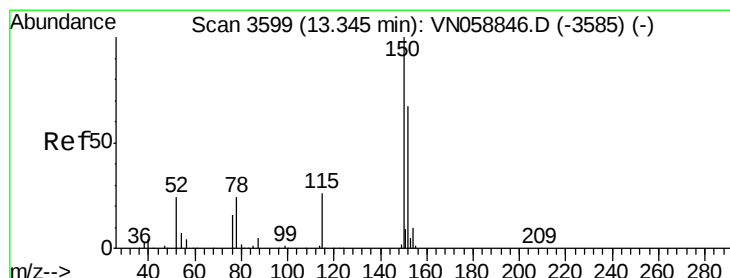
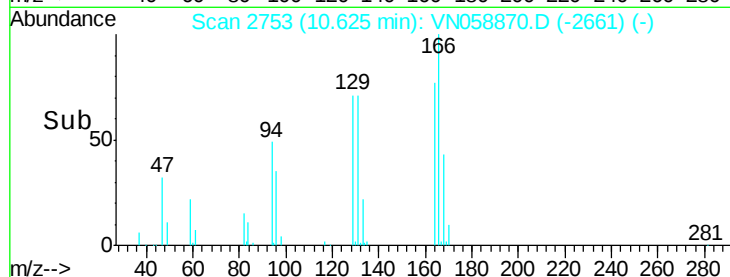
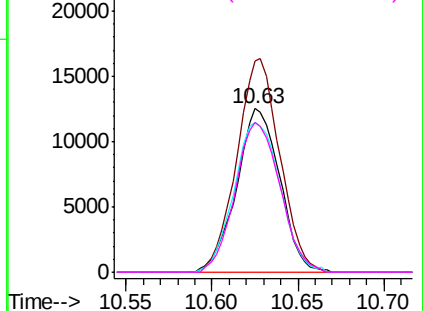


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058870.D

Acq: 18 Oct 2019 19:45

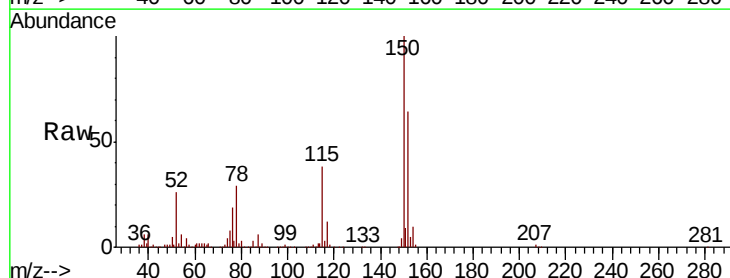
Tgt Ion:152 Resp: 207268

Ion Ratio Lower Upper

152 100

115 60.7 30.5 91.5

150 158.4 0.0 344.4



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

