

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101819\
 Data File : VN058867.D
 Acq On : 18 Oct 2019 18:39
 Operator : JC/SP
 Sample : K5452-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-MMW0423

Quant Time: Oct 21 10:54:01 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

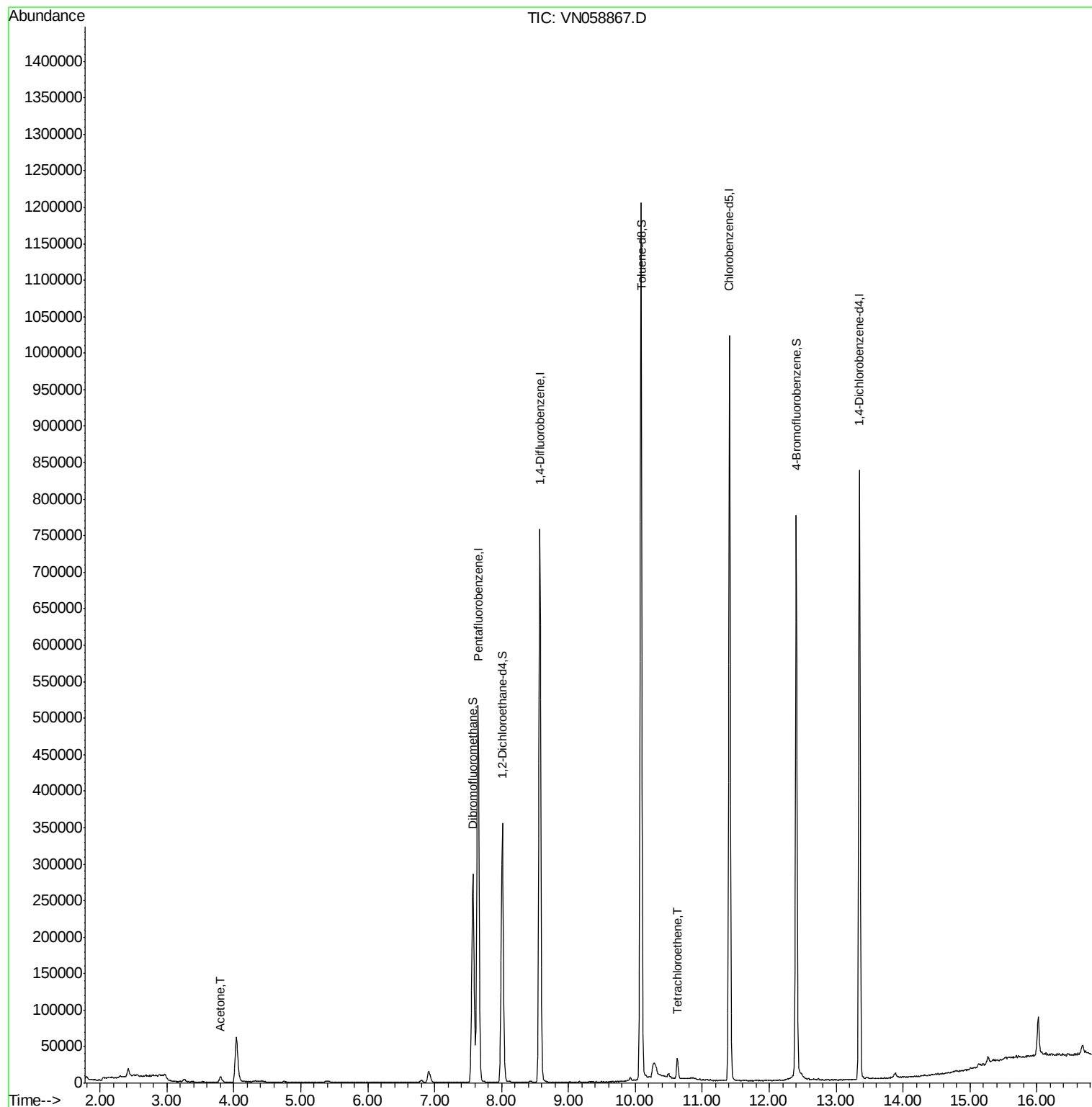
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	405801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	637978	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	565563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	208112	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	306551	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
35) Dibromofluoromethane	7.57	113	215525	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
50) Toluene-d8	10.09	98	815135	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.40	95	256803	42.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.90%	
Target Compounds						
16) Acetone	3.80	43	12882	4.380	ug/l	93
64) Tetrachloroethene	10.62	164	6237	1.575	ug/l	91

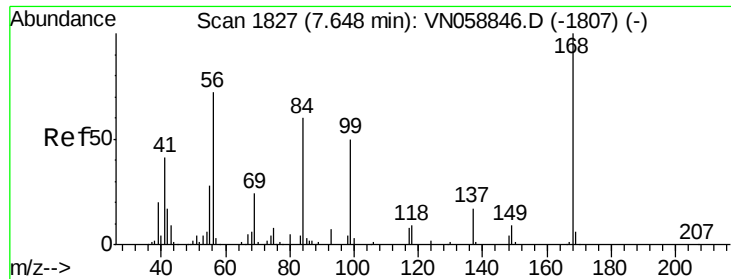
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101819\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058867.D

Acq: 18 Oct 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

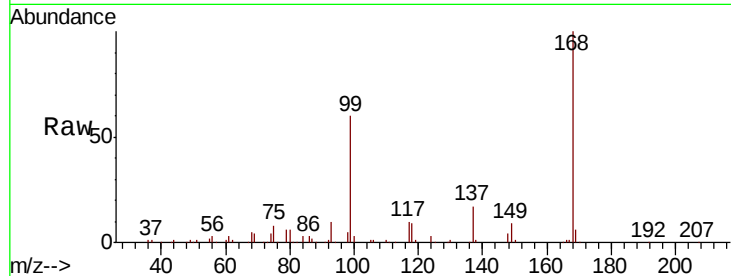
FA19-MMW0423

Tot Ion:168 Resp: 405801

Ion Ratio Lower Upper

168 100

99 59.9 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

200000

150000

100000

50000

0

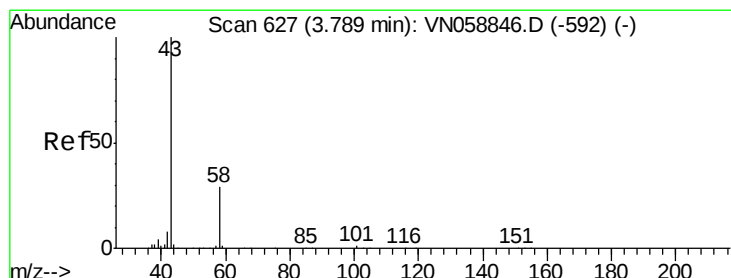
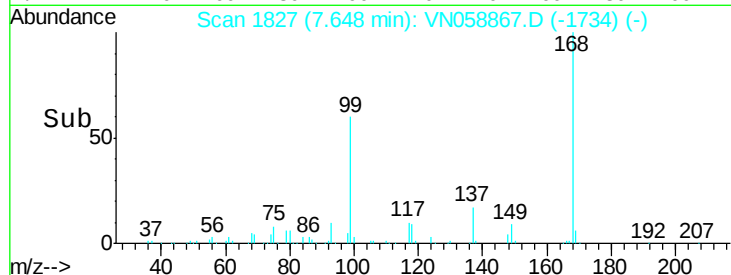
7.65

7.60

7.70

7.80

Time-->



#16

Acetone

Concen: 4.380 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058867.D

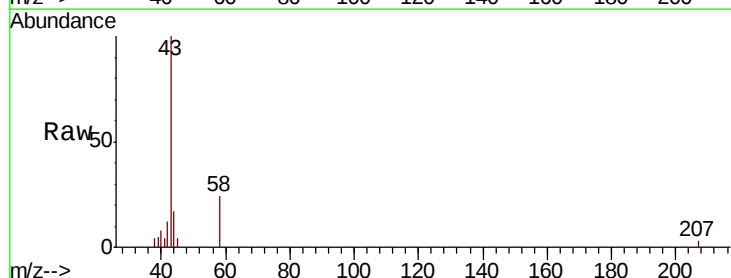
Acq: 18 Oct 2019 18:39

Tgt Ion: 43 Resp: 12882

Ion Ratio Lower Upper

43 100

58 25.1 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

6000

5000

4000

3000

2000

1000

0

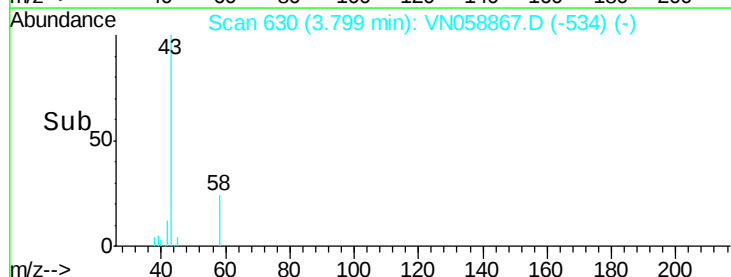
3.80

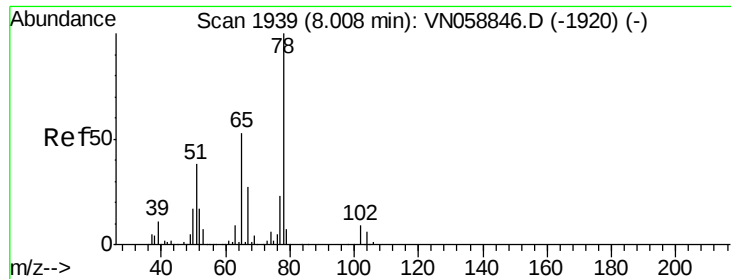
3.75

3.85

3.90

Time-->

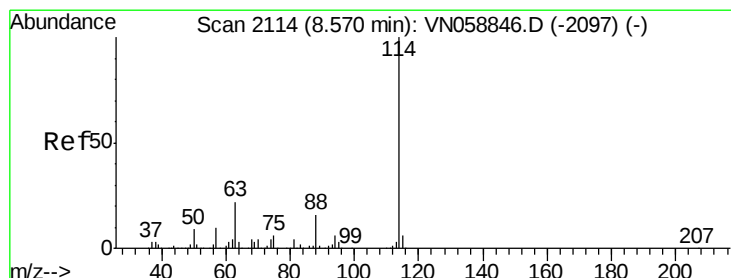
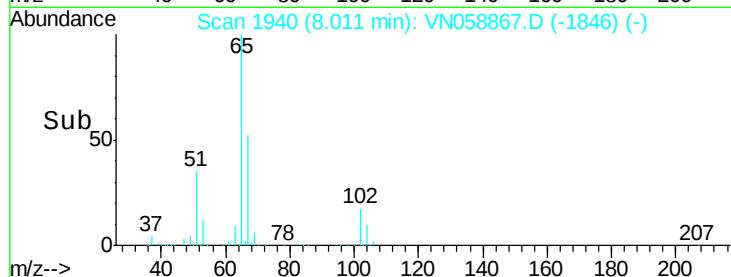
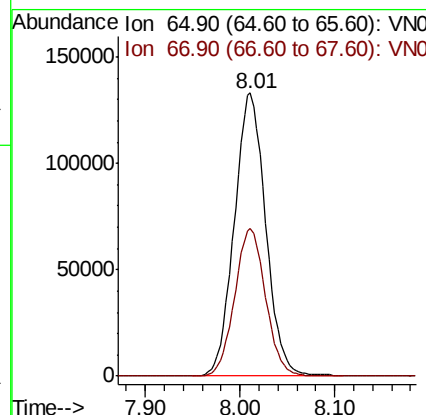
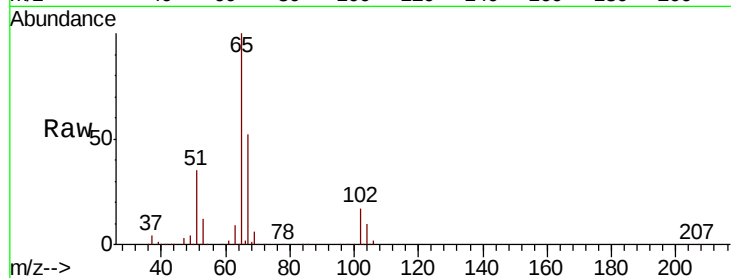




#33
 1,2-Dichloroethane-d4
 Concen: 51.506 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058867.D
 Acq: 18 Oct 2019 18:39

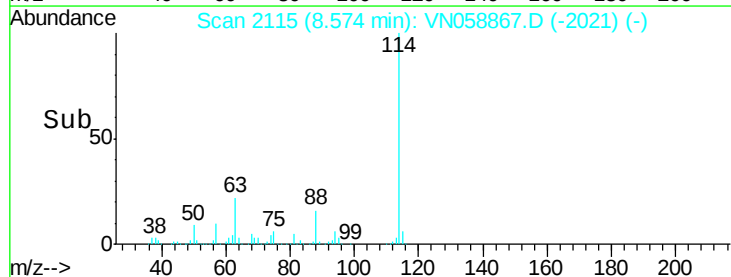
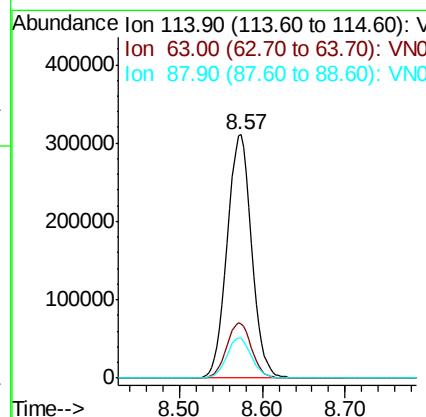
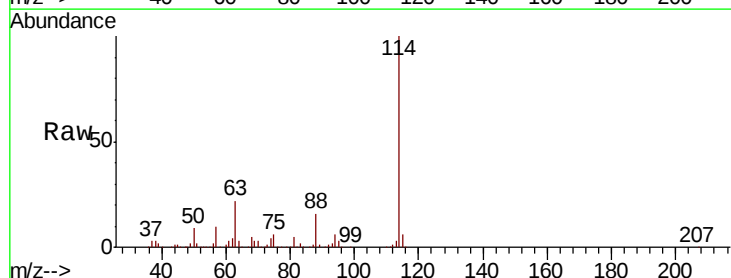
Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-MMW0423

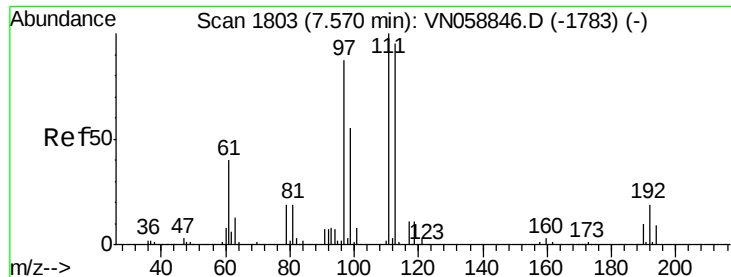
Tot Ion: 65 Resp: 306551
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058867.D
 Acq: 18 Oct 2019 18:39

Tgt Ion: 114 Resp: 637978
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.4
 88 16.3 0.0 31.4

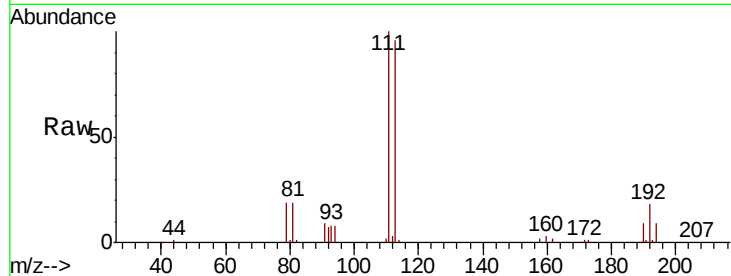




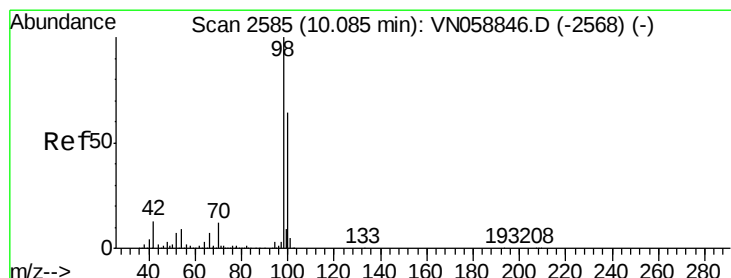
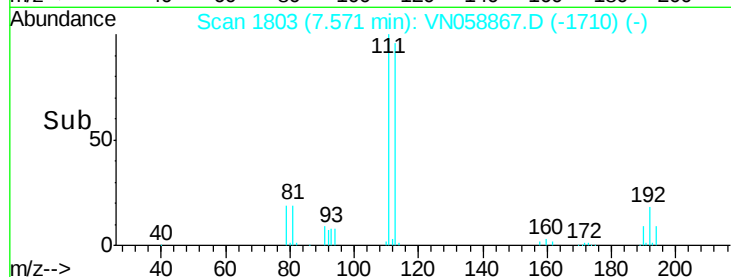
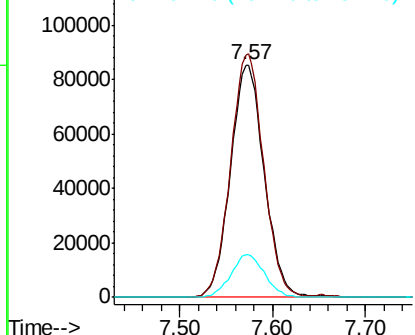
#35
Dibromofluoromethane
Concen: 51.382 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN058867.D
Acq: 18 Oct 2019 18:39

Instrument :
MSVOA_N
ClientSampleId :
FA19-MMW0423

Tot Ion:113 Resp: 21525
Ion Ratio Lower Upper
113 100
111 102.6 82.0 123.0
192 18.4 15.0 22.6

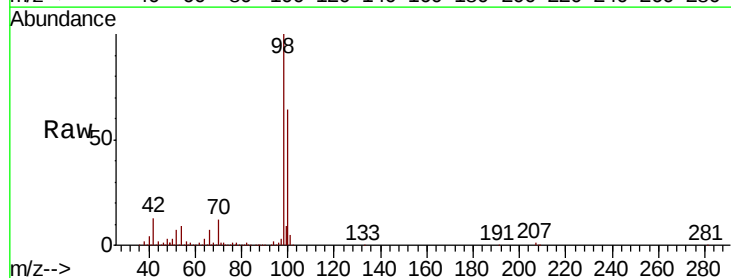


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

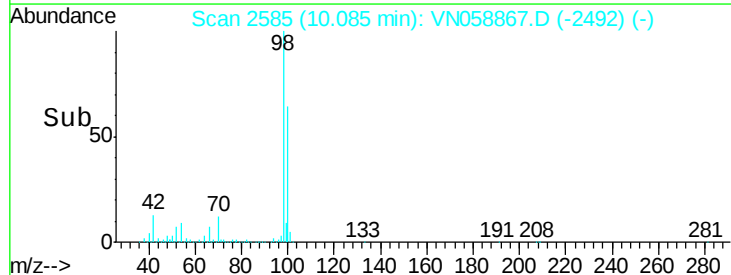
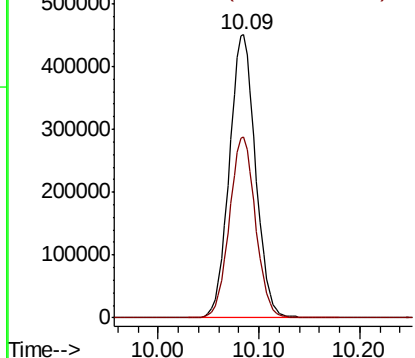


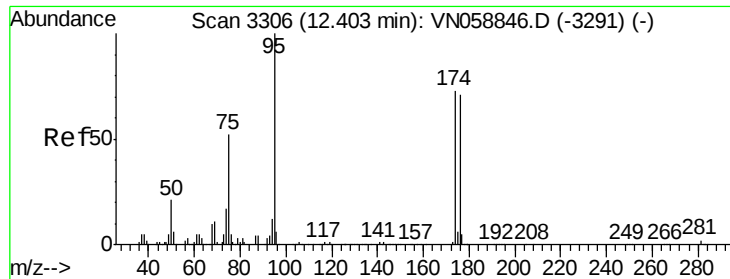
#50
Toluene-d8
Concen: 50.062 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058867.D
Acq: 18 Oct 2019 18:39

Tgt Ion: 98 Resp: 815135
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.948 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058867.D

Acq: 18 Oct 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

FA19-MMW0423

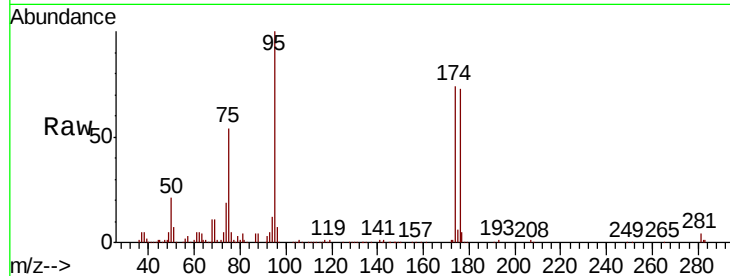
Tot Ion: 95 Resp: 256803

Ion Ratio Lower Upper

95 100

174 75.4 0.0 147.6

176 74.2 0.0 143.2



Abundance Ion 94.90 (94.60 to 95.60): VN058867.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058867.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058867.D (-3213) (-)

12.40

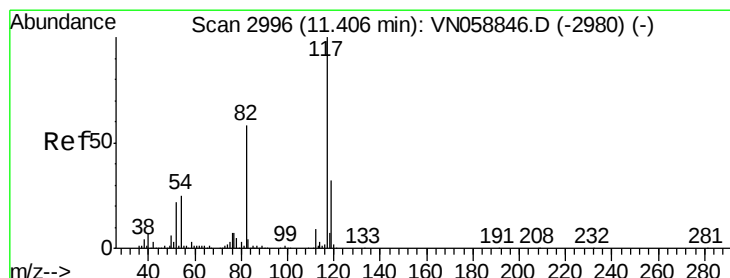
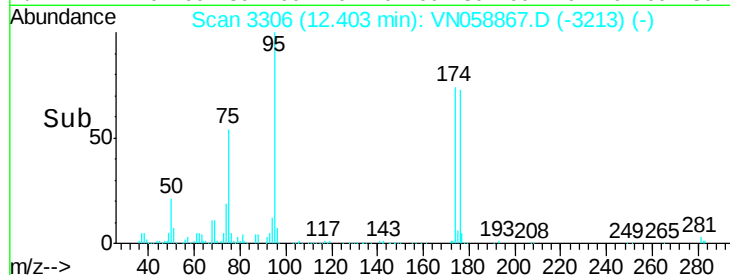
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058867.D

Acq: 18 Oct 2019 18:39

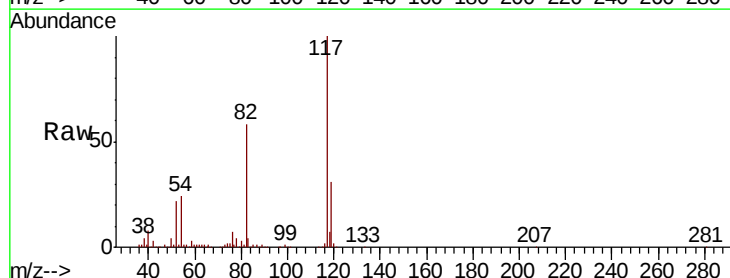
Tgt Ion: 117 Resp: 565563

Ion Ratio Lower Upper

117 100

82 58.2 46.6 69.8

119 31.5 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): VN058867.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058867.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058867.D (-2903) (-)

11.41

400000

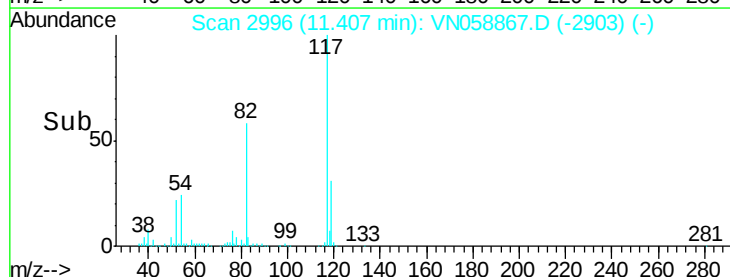
300000

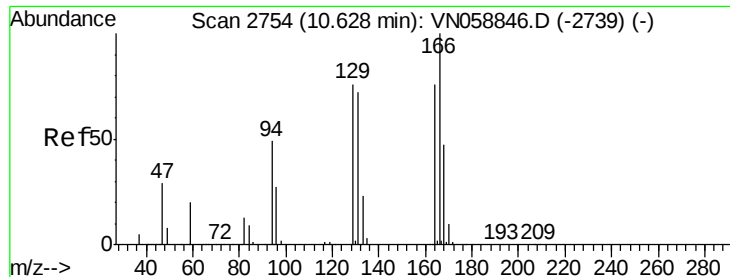
200000

100000

0

Time--> 11.30 11.40 11.50





#64

Tetrachloroethene

Concen: 1.575 ug/l

RT: 10.62 min Scan# 2752

Delta R.T. -0.01 min

Lab File: VN058867.D

Acq: 18 Oct 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

FA19-MMW0423

Tot Ion:164 Resp: 6237

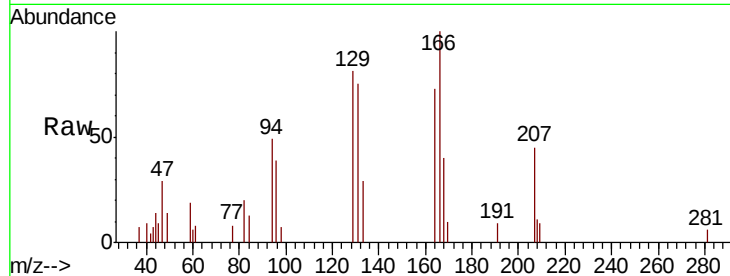
Ion Ratio Lower Upper

164 100

166 137.5 104.8 157.2

129 111.5 79.3 118.9

131 103.6 75.8 113.6

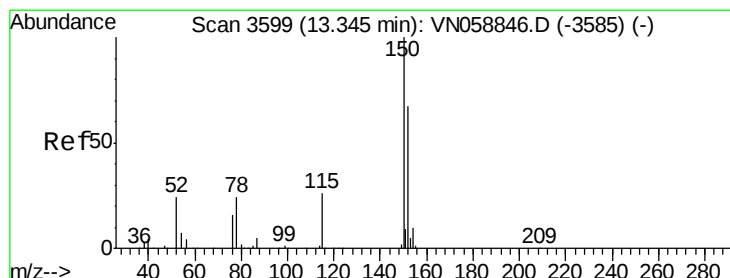
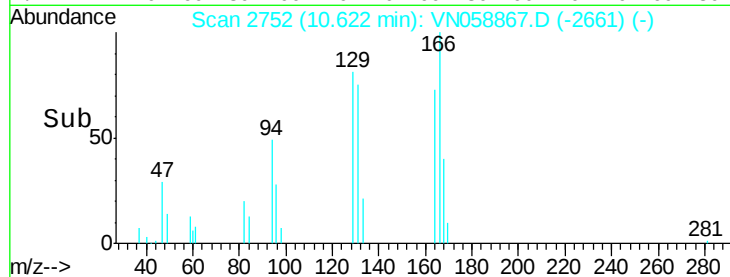
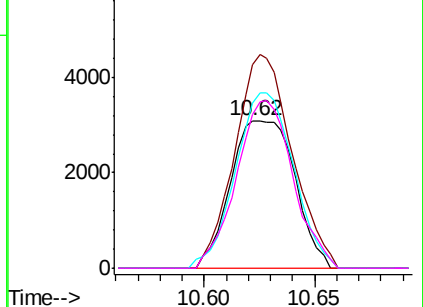


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN058867.D

Acq: 18 Oct 2019 18:39

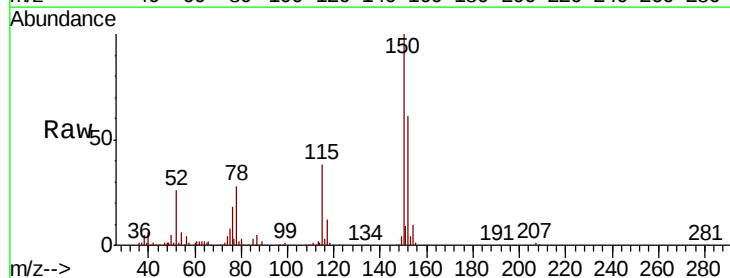
Tgt Ion:152 Resp: 208112

Ion Ratio Lower Upper

152 100

115 61.3 30.5 91.5

150 160.7 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

