

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
 Data File : VN058203.D
 Acq On : 19 Sep 2019 14:31
 Operator : JC/SP
 Sample : K4896-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP03-20190912

Quant Time: Sep 20 08:01:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

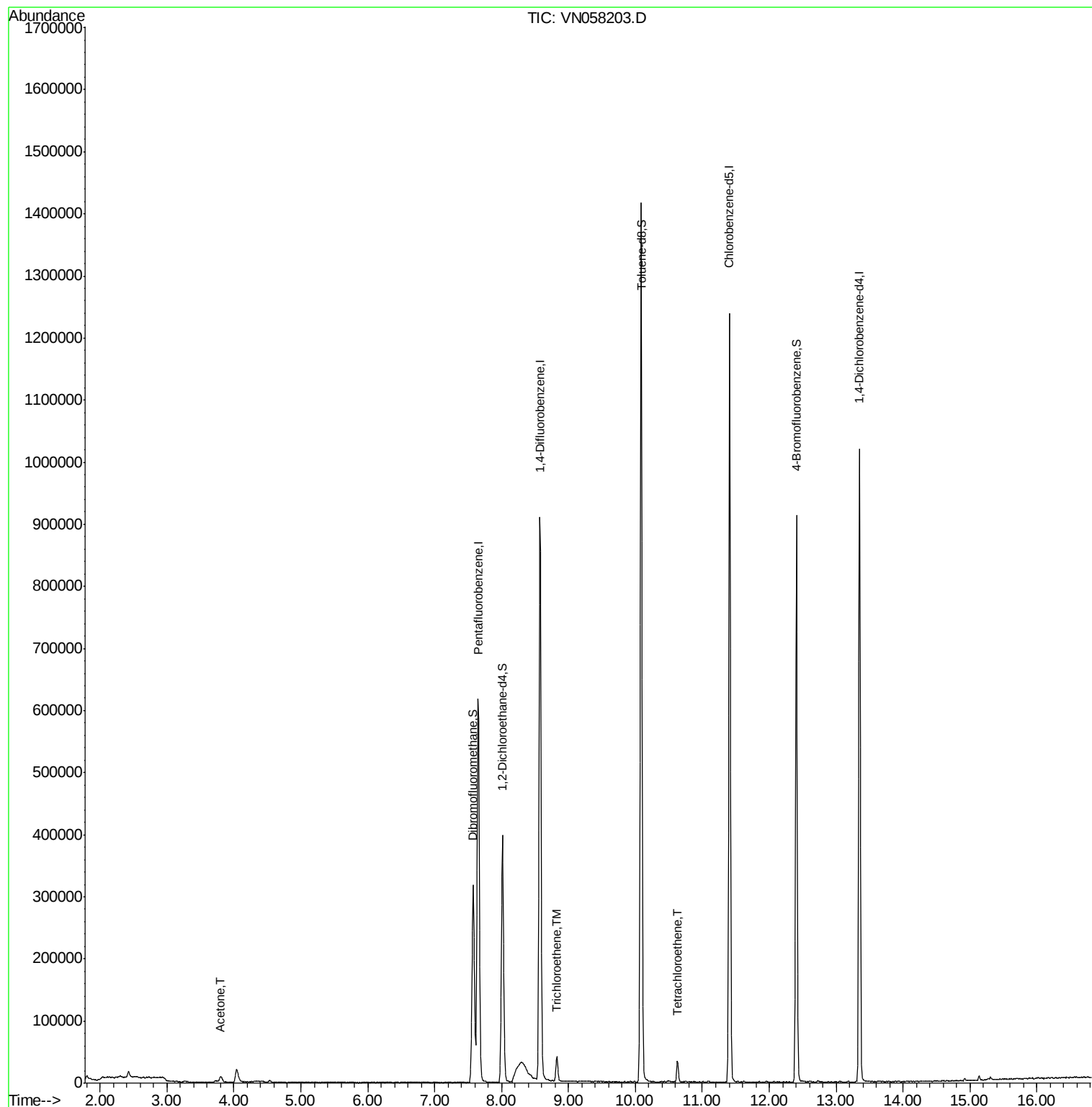
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	484181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	790272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	661126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	261923	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	343358	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
35) Dibromofluoromethane	7.58	113	238654	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
50) Toluene-d8	10.08	98	970392	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.41	95	302842	43.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.12%	
Target Compounds						
16) Acetone	3.80	43	16610	7.256	ug/l	95
44) Trichloroethene	8.82	130	13639	3.202	ug/l	98
64) Tetrachloroethene	10.63	164	7341	2.278	ug/l	94

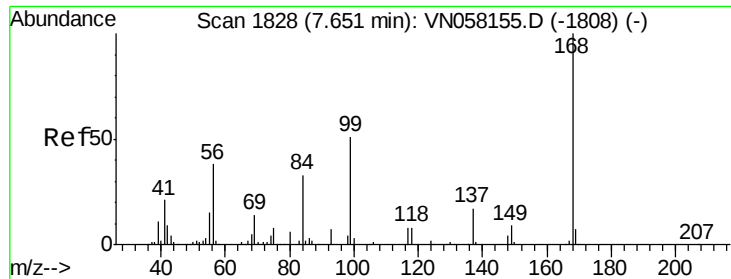
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091919\
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Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058203.D

Acq: 19 Sep 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

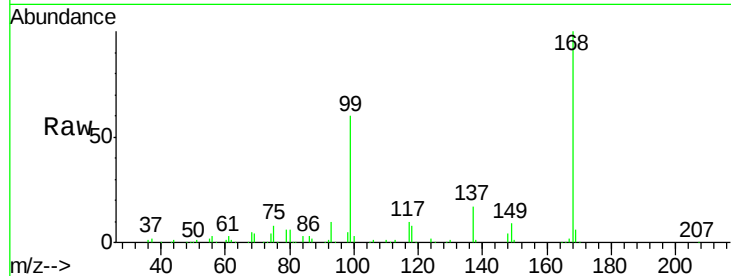
DUP03-20190912

Tot Ion:168 Resp: 484181

Ion Ratio Lower Upper

168 100

99 59.7 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

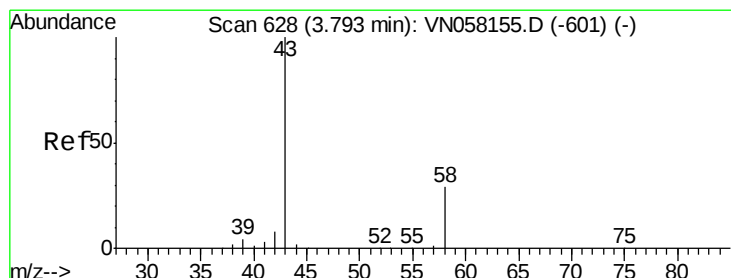
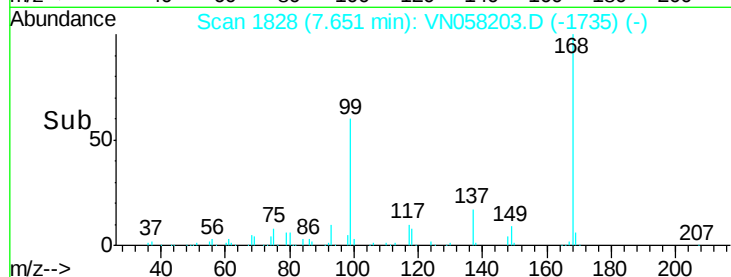
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 7.256 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058203.D

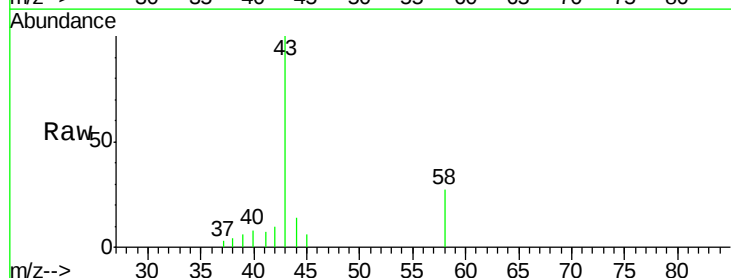
Acq: 19 Sep 2019 14:31

Tgt Ion: 43 Resp: 16610

Ion Ratio Lower Upper

43 100

58 26.6 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

6000

5000

4000

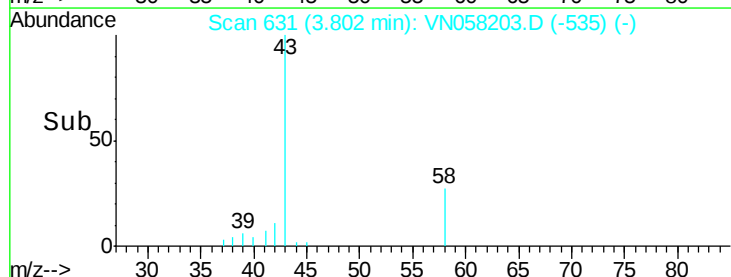
3000

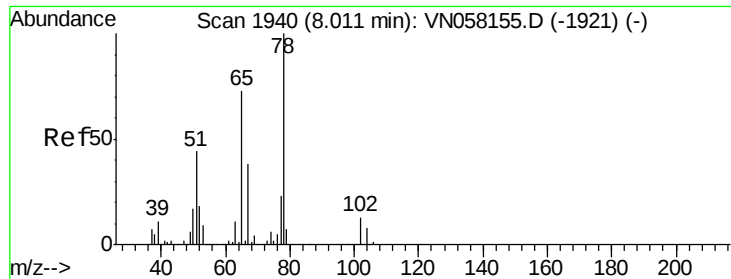
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90

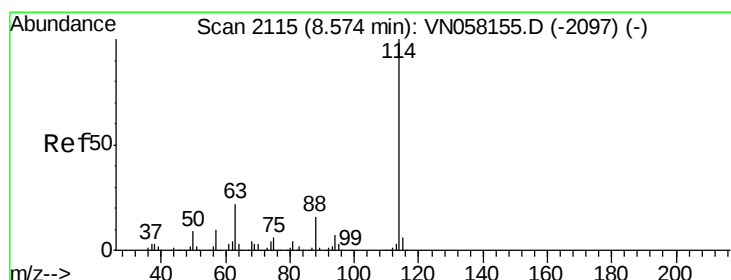
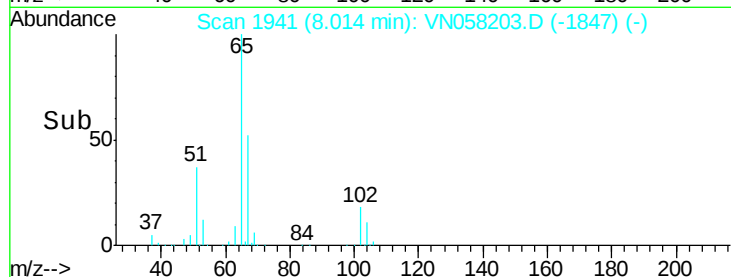
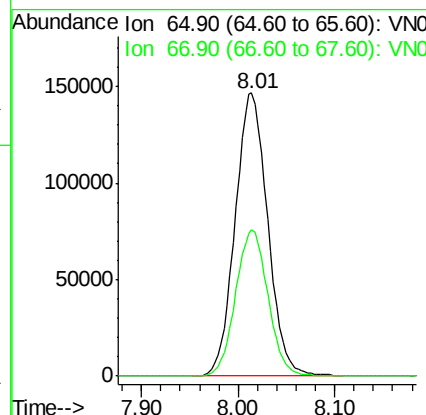
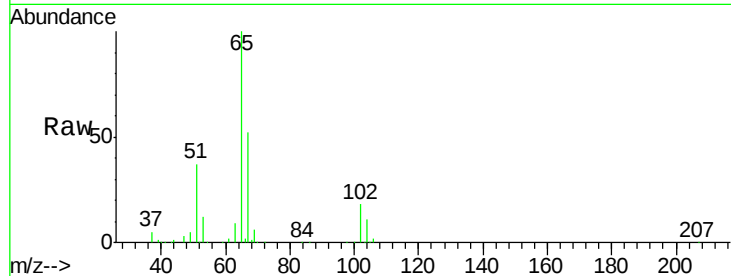




#33
 1,2-Dichloroethane-d4
 Concen: 50.916 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058203.D
 Acq: 19 Sep 2019 14:31

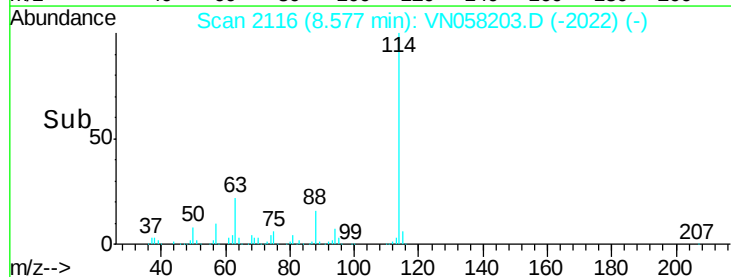
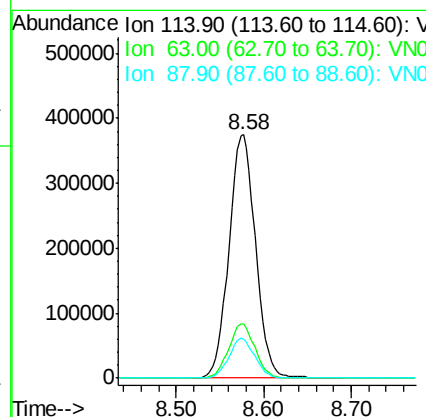
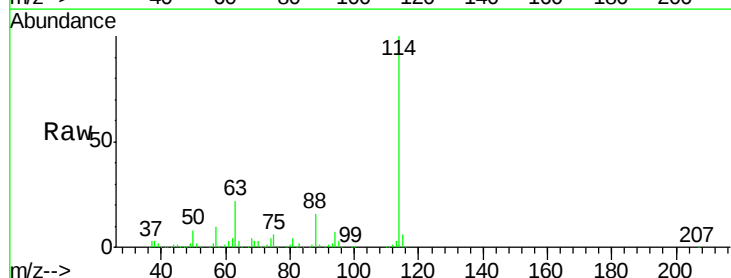
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP03-20190912

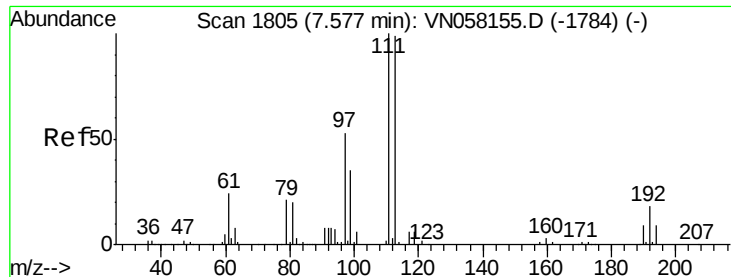
Tot Ion: 65 Resp: 343358
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058203.D
 Acq: 19 Sep 2019 14:31

Tgt Ion: 114 Resp: 790272
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.2
 88 16.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.676 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VN058203.D

Acq: 19 Sep 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

DUP03-20190912

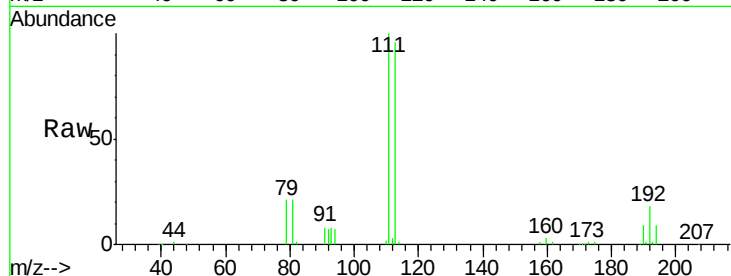
Tot Ion:113 Resp: 238654

Ion Ratio Lower Upper

113 100

111 103.9 81.8 122.6

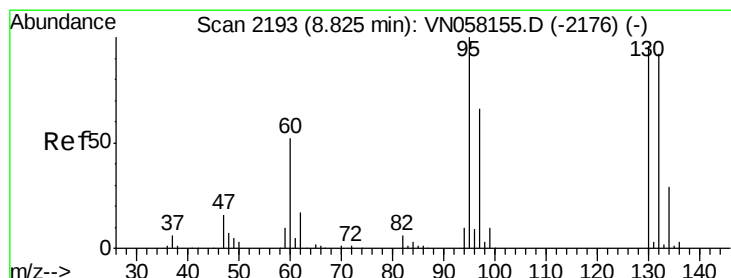
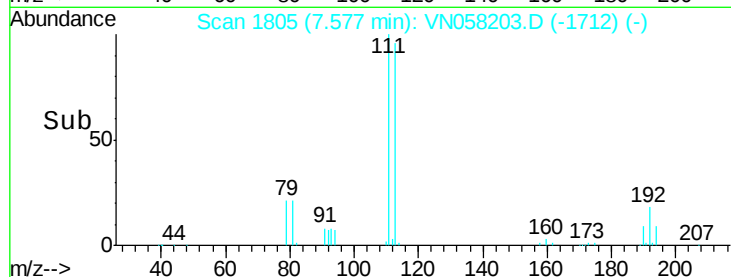
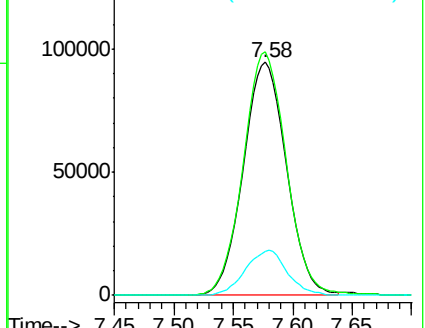
192 18.7 14.5 21.7



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: 3.202 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058203.D

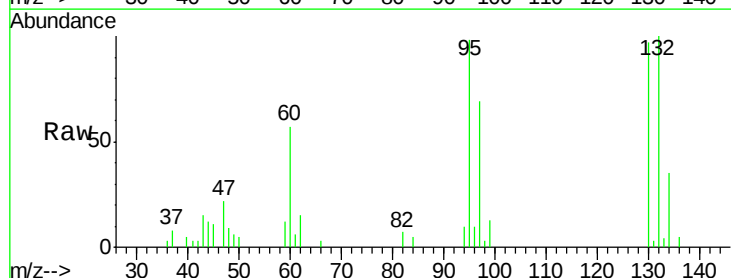
Acq: 19 Sep 2019 14:31

Tgt Ion:130 Resp: 13639

Ion Ratio Lower Upper

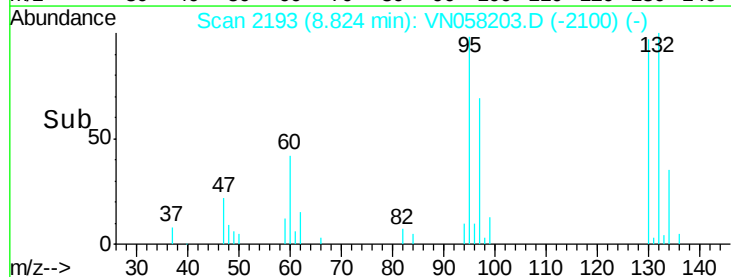
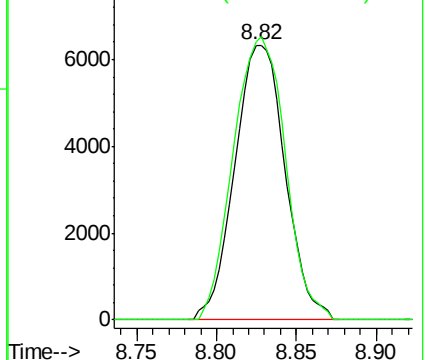
130 100

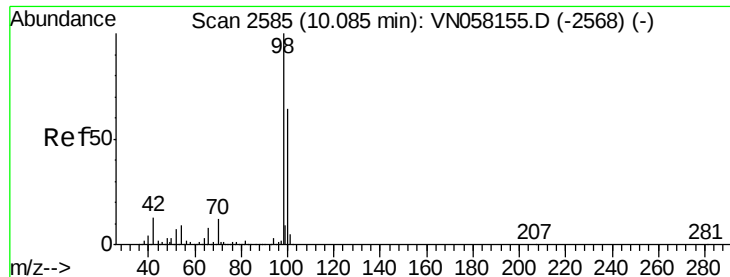
95 101.4 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 51.842 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058203.D

Acq: 19 Sep 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

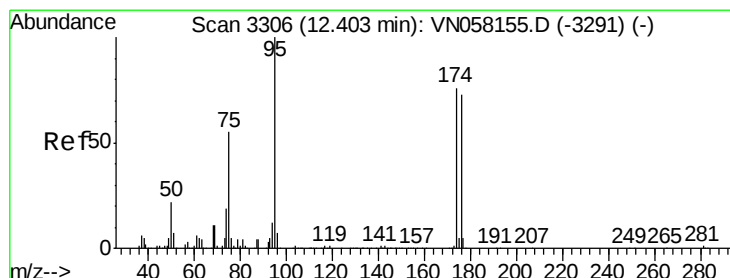
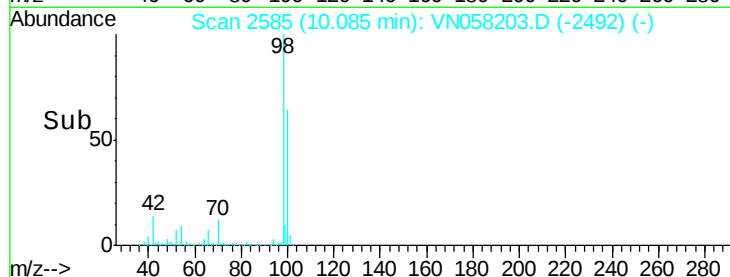
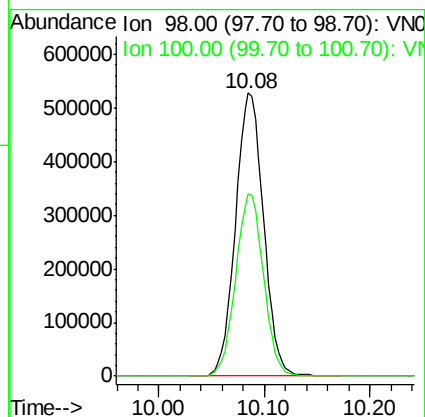
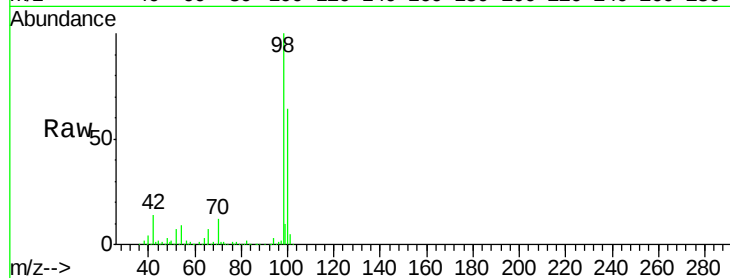
DUP03-20190912

Tot Ion: 98 Resp: 970392

Ion Ratio Lower Upper

98 100

100 64.0 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 43.555 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058203.D

Acq: 19 Sep 2019 14:31

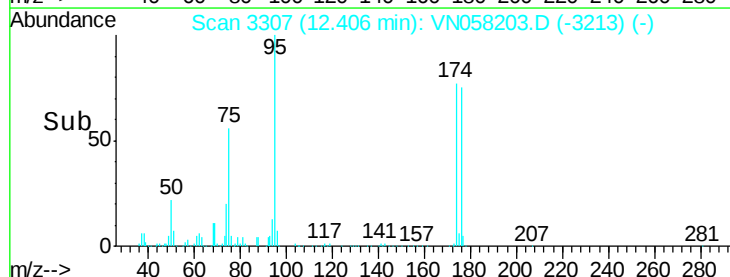
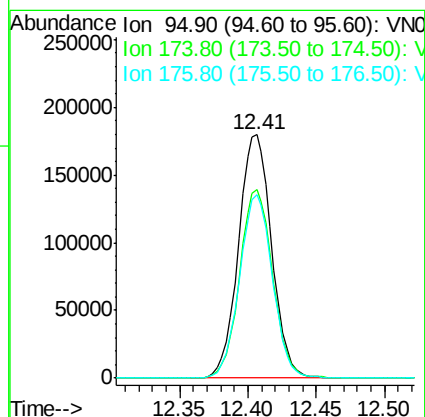
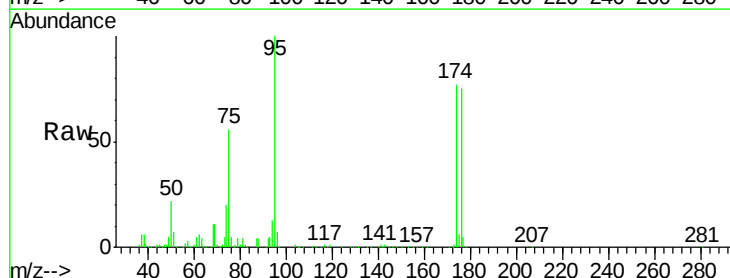
Tgt Ion: 95 Resp: 302842

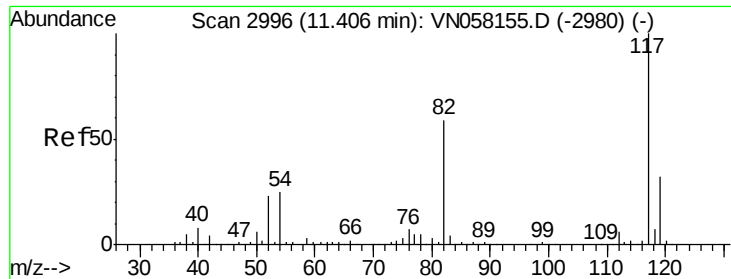
Ion Ratio Lower Upper

95 100

174 77.5 0.0 152.2

176 75.0 0.0 148.0

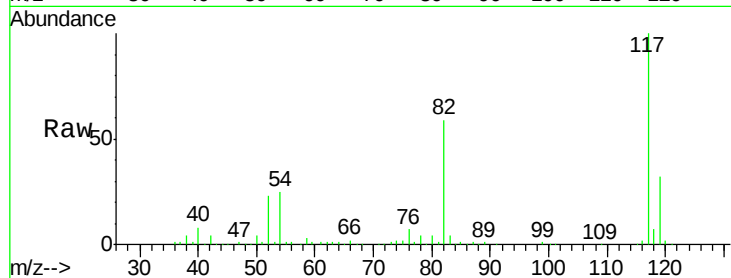




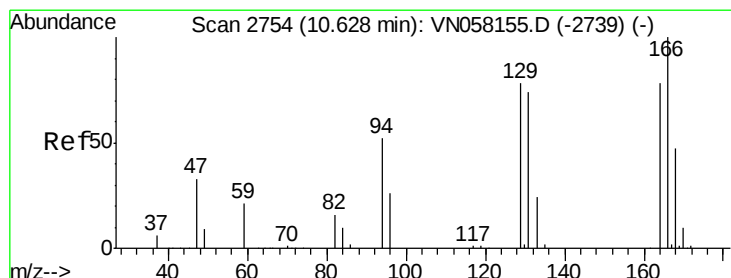
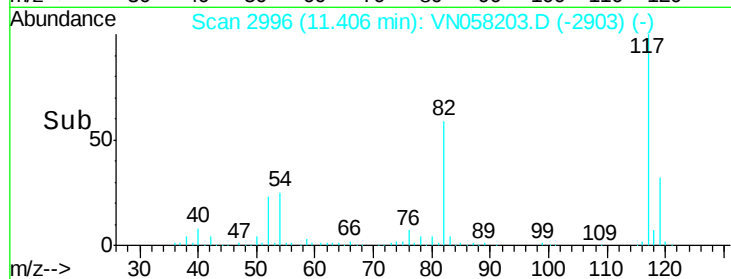
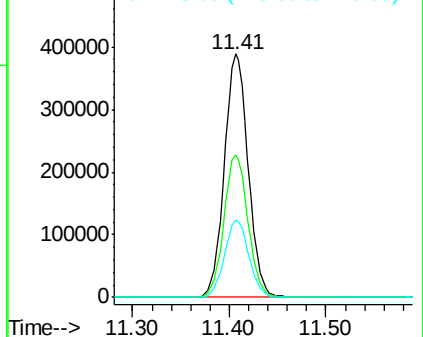
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058203.D
Acq: 19 Sep 2019 14:31

Instrument :
MSVOA_N
ClientSampled :
DUP03-20190912

Tot Ion:117 Resp: 661126
Ion Ratio Lower Upper
117 100
82 58.7 46.9 70.3
119 31.6 25.3 37.9



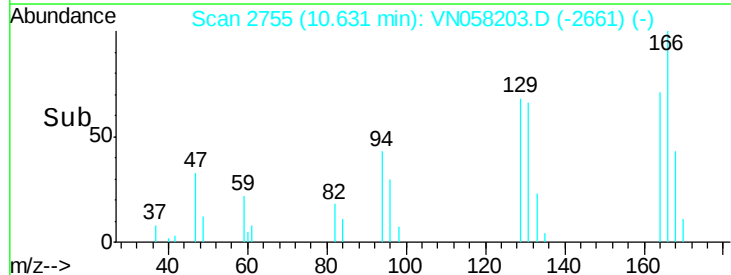
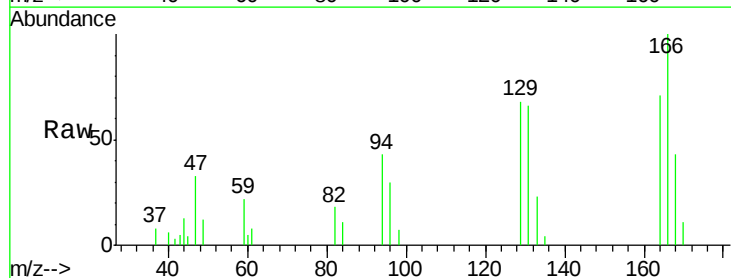
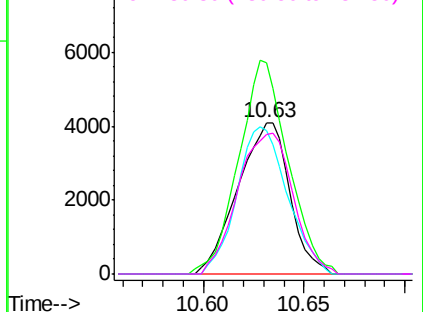
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

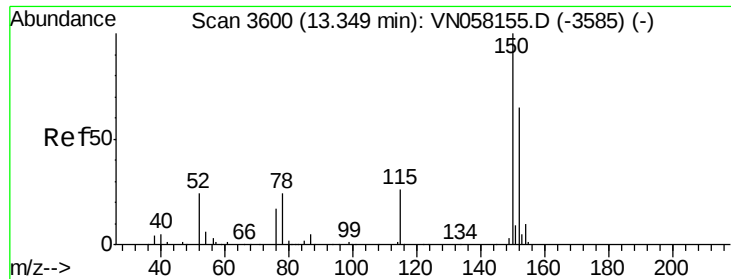


#64
Tetrachloroethene
Concen: 2.278 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN058203.D
Acq: 19 Sep 2019 14:31

Tgt Ion:164 Resp: 7341
Ion Ratio Lower Upper
164 100
166 139.9 102.2 153.4
129 95.0 79.6 119.4
131 92.3 76.0 114.0

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: VN058203.D

Acq: 19 Sep 2019 14:31

Instrument :

MSVOA_N

ClientSampleId :

DUP03-20190912

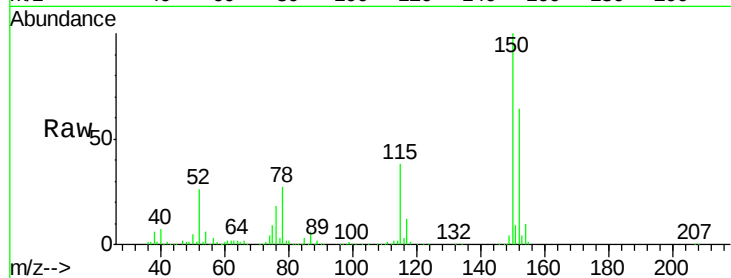
Tot Ion:152 Resp: 261923

Ion Ratio Lower Upper

152 100

115 59.6 30.1 90.3

150 156.7 0.0 346.4



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

