

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058281.D
 Acq On : 23 Sep 2019 11:06
 Operator : JC/SP
 Sample : K4975-10 25X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20190918

Quant Time: Sep 24 08:23:08 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

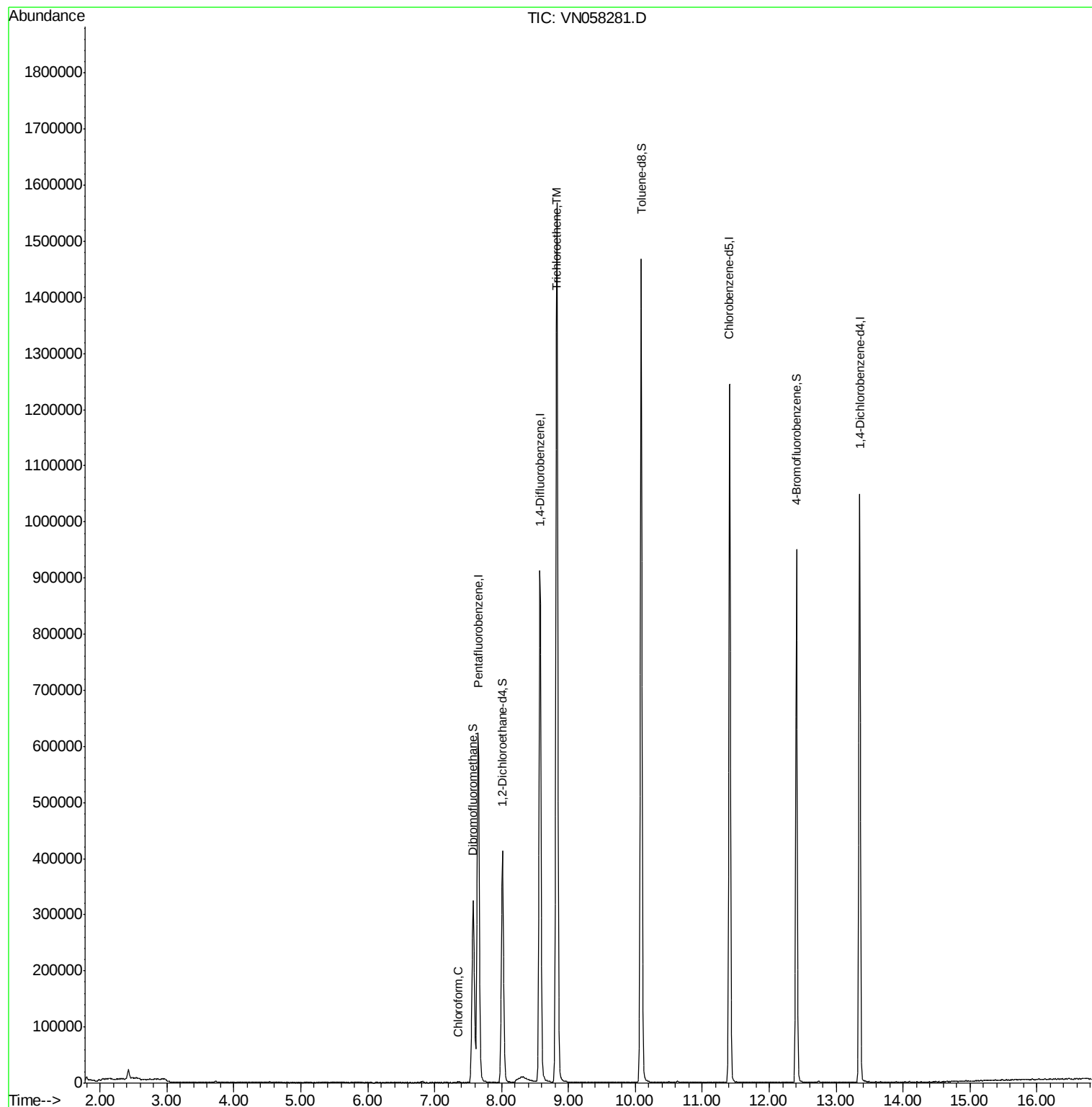
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	479529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	787699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	674144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	264433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	360034	53.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.82%	
35) Dibromofluoromethane	7.58	113	250462	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
50) Toluene-d8	10.09	98	999162	53.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.10%	
62) 4-Bromofluorobenzene	12.41	95	311345	44.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.84%	
Target Compounds						
30) Chloroform	7.35	83	2305	0.249	ug/l #	80
44) Trichloroethene	8.82	130	544775	128.309	ug/l	99

(#) = 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# 1829

Delta R.T. 0.00 min

Lab File: VN058281.D

Acq: 23 Sep 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

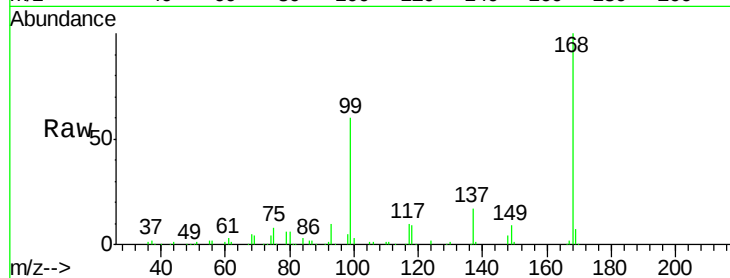
RE108D2-20190918

Tot Ion:168 Resp: 479529

Ion Ratio Lower Upper

168 100

99 60.4 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN058155.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN058155.D (-1808) (-)

7.65

200000

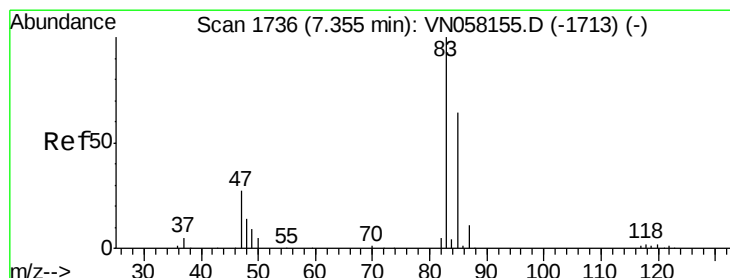
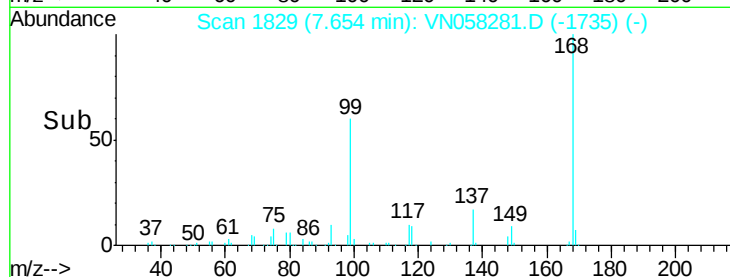
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 0.249 ug/l

RT: 7.35 min Scan# 1735

Delta R.T. -0.00 min

Lab File: VN058281.D

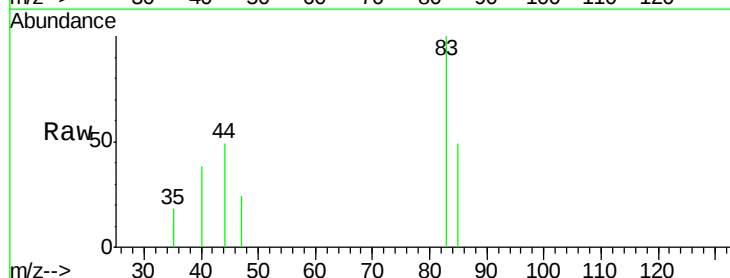
Acq: 23 Sep 2019 11:06

Tgt Ion: 83 Resp: 2305

Ion Ratio Lower Upper

83 100

85 48.8 51.4 77.2#



Abundance Ion 82.90 (82.60 to 83.60): VN058155.D (-1713) (-)

Ion 84.90 (84.60 to 85.60): VN058155.D (-1713) (-)

7.35

1000

800

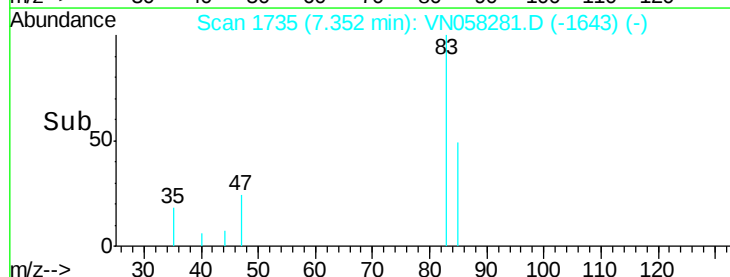
600

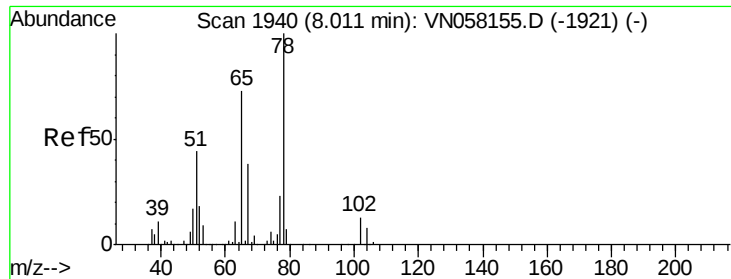
400

200

0

Time-->

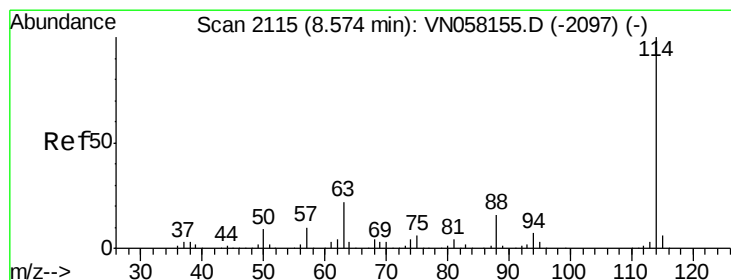
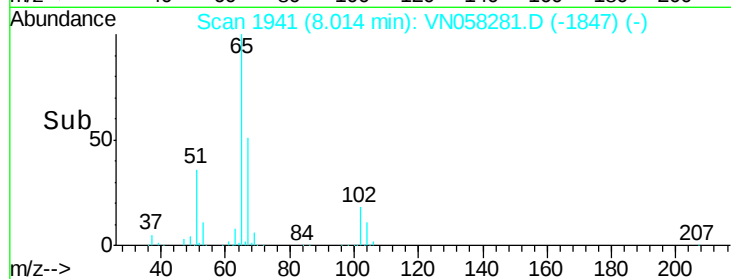
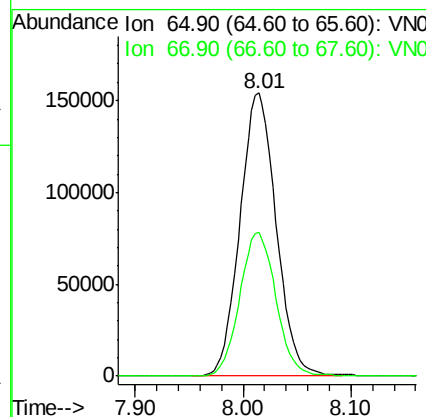
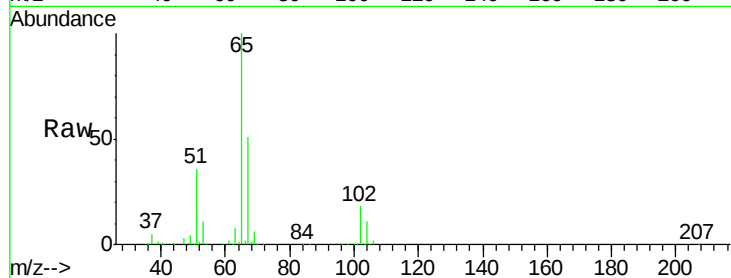




#33
 1,2-Dichloroethane-d4
 Concen: 53.906 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058281.D
 Acq: 23 Sep 2019 11:06

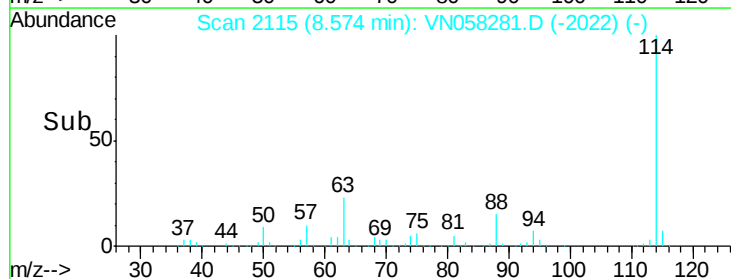
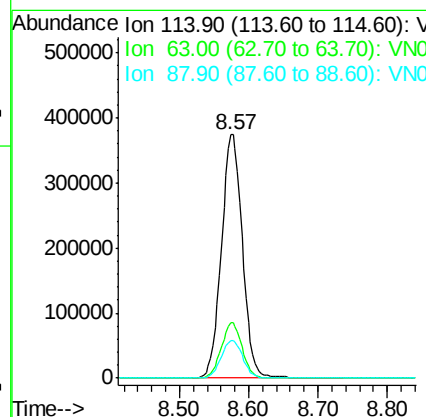
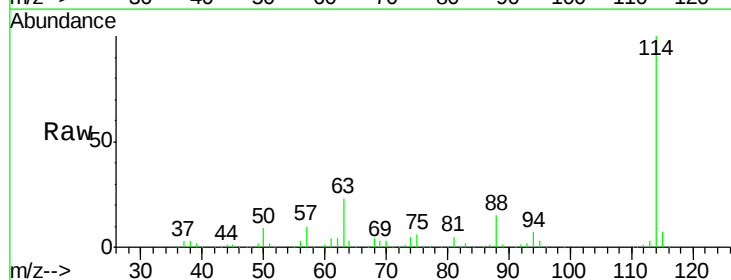
Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20190918

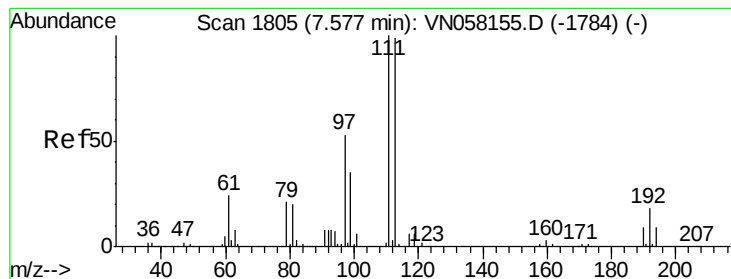
Tot Ion: 65 Resp: 360034
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058281.D
 Acq: 23 Sep 2019 11:06

Tgt Ion: 114 Resp: 787699
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 44.2
 88 15.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 52.304 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058281.D

Acq: 23 Sep 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20190918

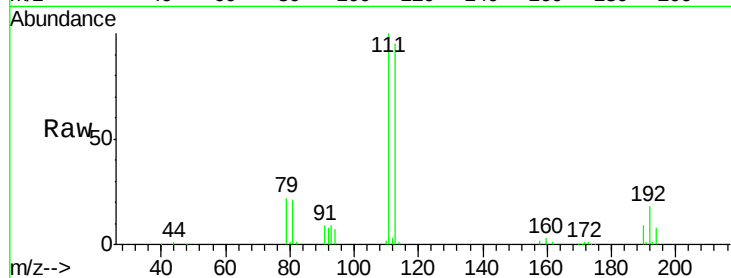
Tot Ion:113 Resp: 250462

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.6

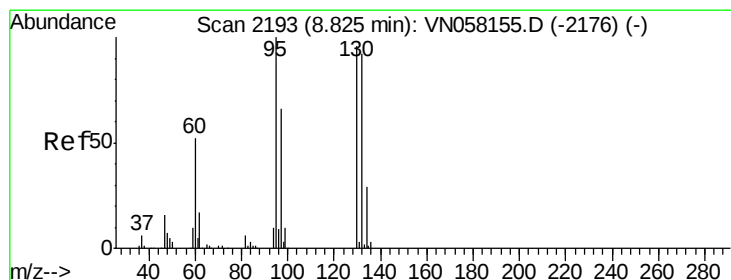
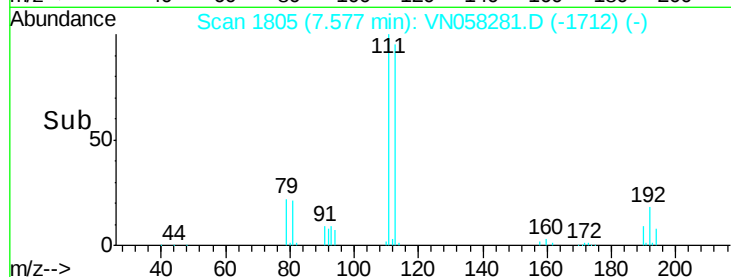
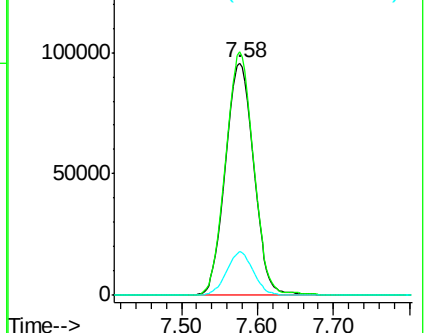
192 17.7 14.5 21.7



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: 128.309 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN058281.D

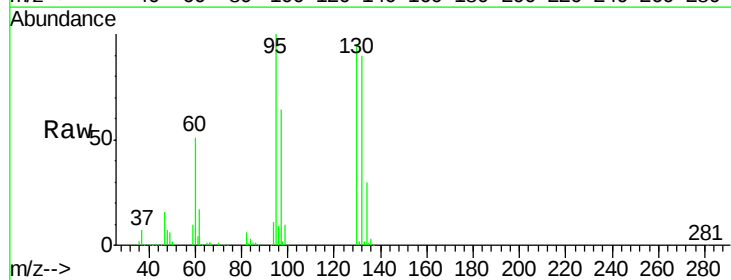
Acq: 23 Sep 2019 11:06

Tgt Ion:130 Resp: 544775

Ion Ratio Lower Upper

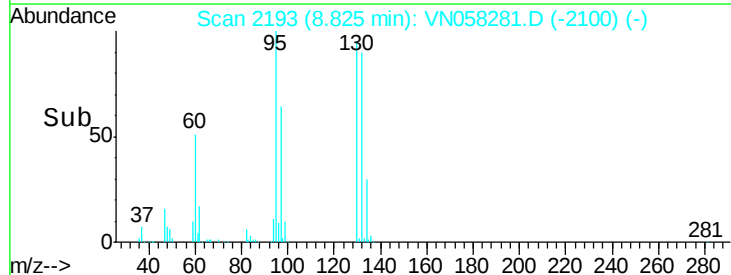
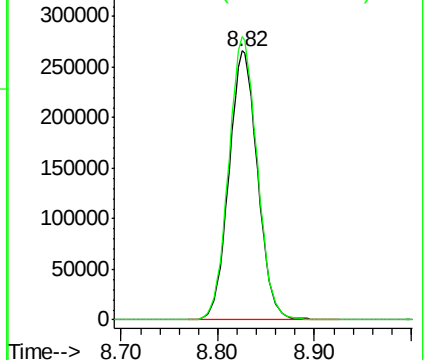
130 100

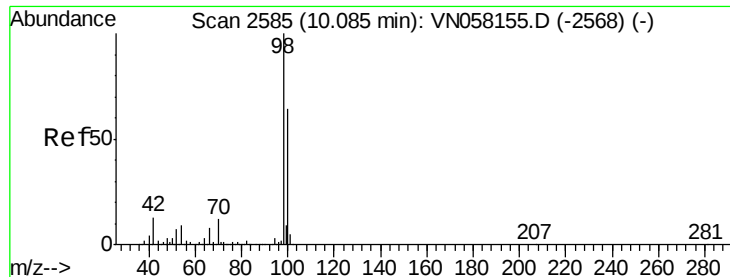
95 105.3 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 53.554 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058281.D

Acq: 23 Sep 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

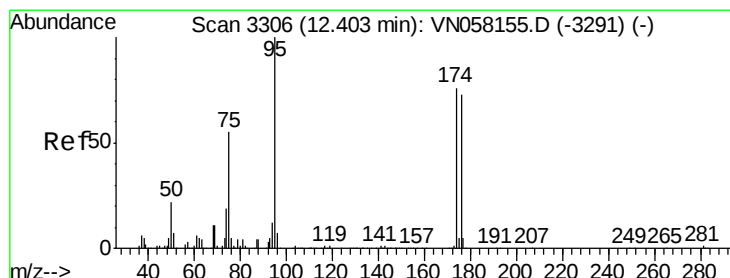
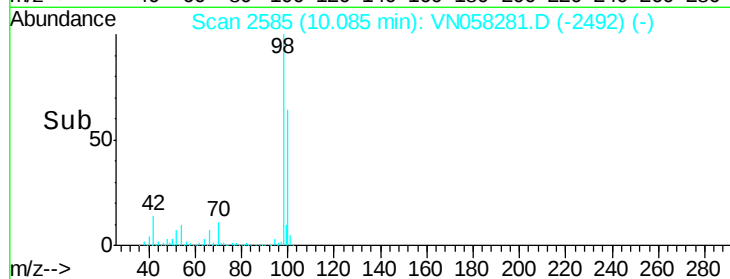
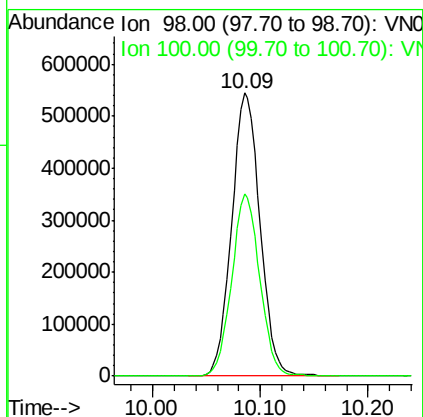
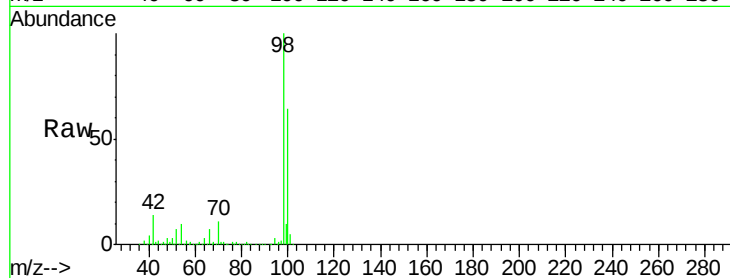
RE108D2-20190918

Tot Ion: 98 Resp: 999162

Ion Ratio Lower Upper

98 100

100 63.6 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.924 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058281.D

Acq: 23 Sep 2019 11:06

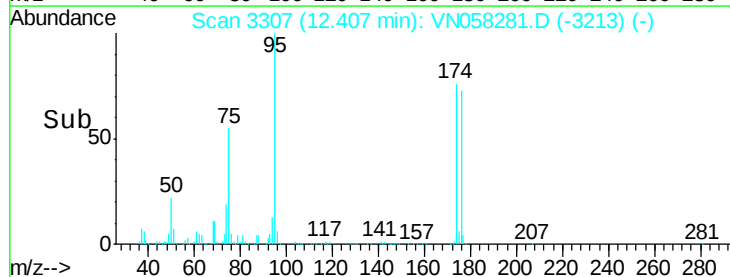
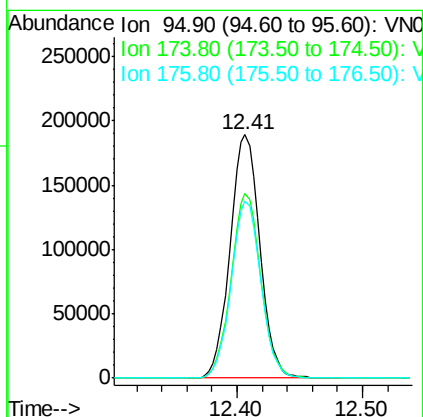
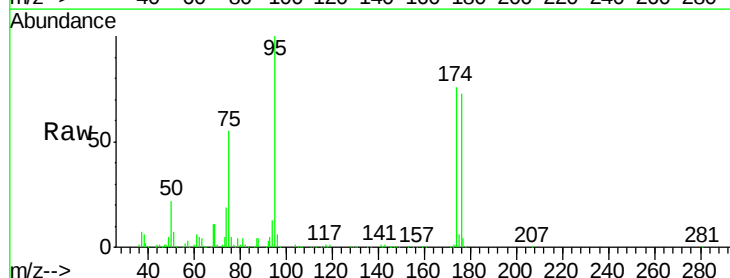
Tgt Ion: 95 Resp: 311345

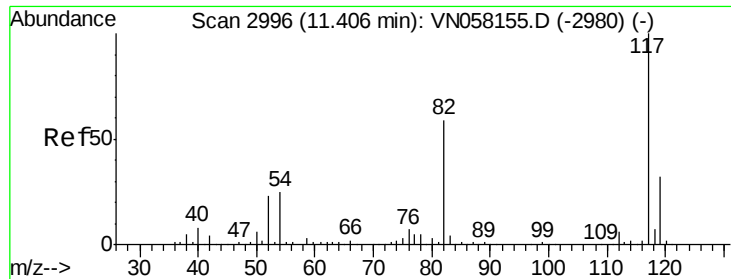
Ion Ratio Lower Upper

95 100

174 75.9 0.0 152.2

176 72.9 0.0 148.0

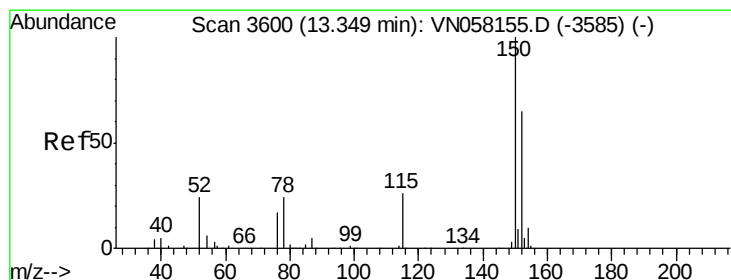
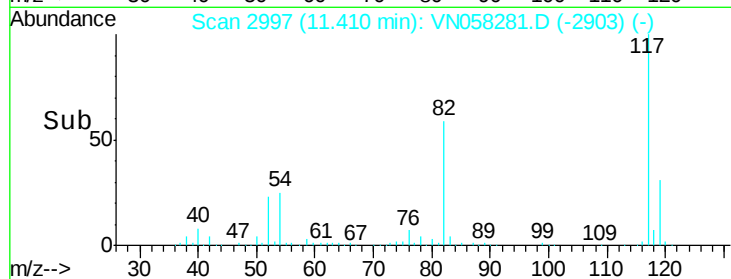
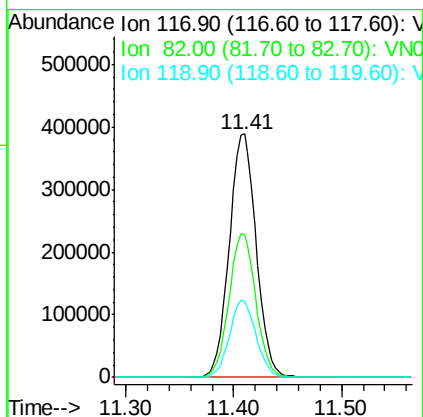
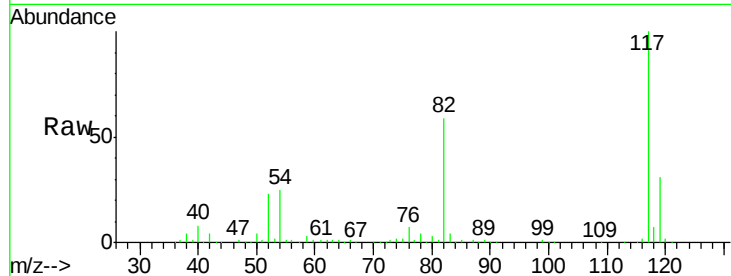




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058281.D
Acq: 23 Sep 2019 11:06

Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20190918

Tot Ion:117 Resp: 674144
Ion Ratio Lower Upper
117 100
82 58.8 46.9 70.3
119 31.1 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058281.D
Acq: 23 Sep 2019 11:06

Tgt Ion:152 Resp: 264433
Ion Ratio Lower Upper
152 100
115 61.1 30.1 90.3
150 159.3 0.0 346.4

