

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092019\
 Data File : VN058255.D
 Acq On : 20 Sep 2019 17:04
 Operator : JC/SP
 Sample : K4975-05DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D2-20190917DL

Quant Time: Sep 23 05:26:19 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

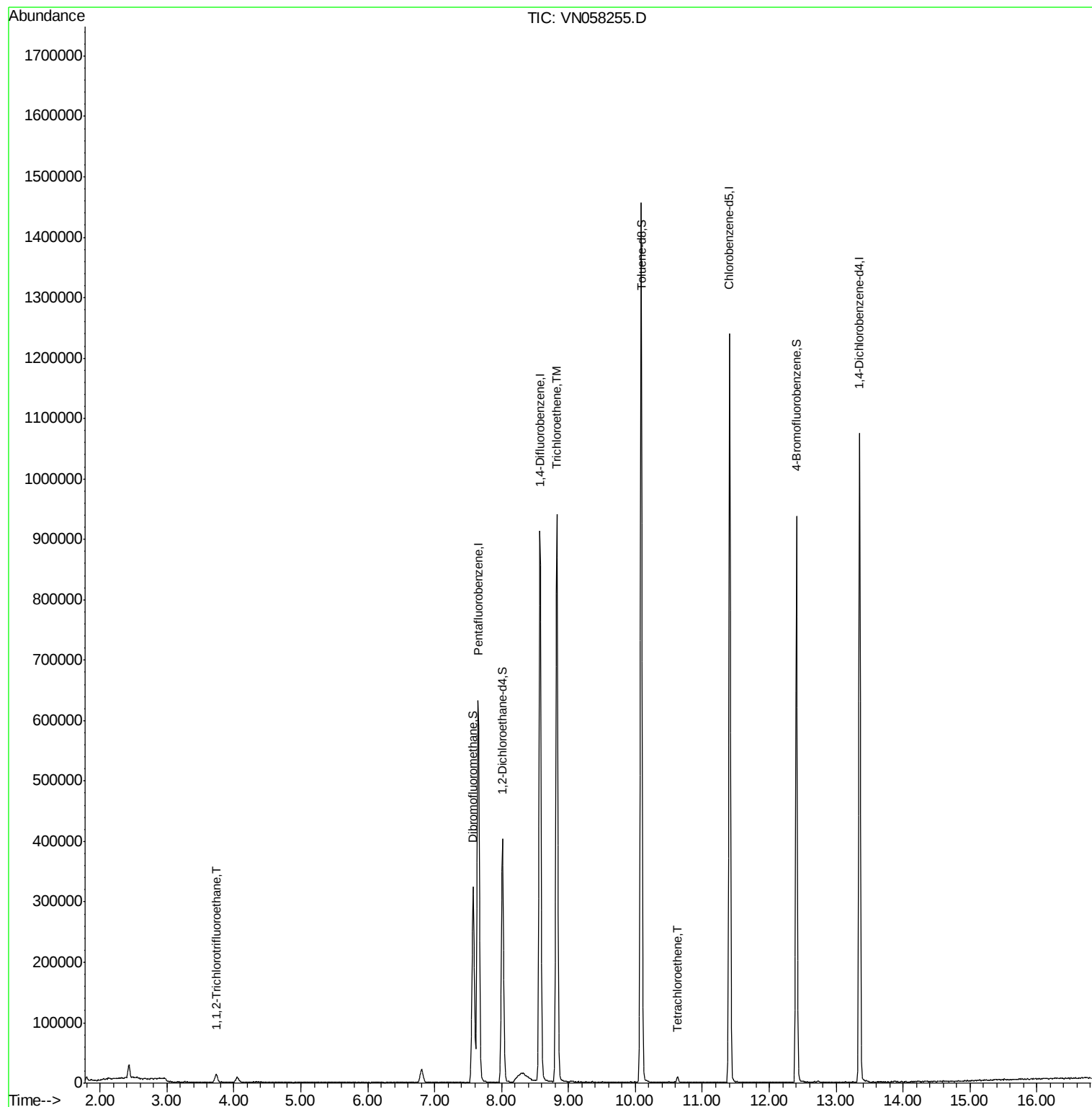
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	487831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	800581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	679043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	269562	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	350702	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
35) Dibromofluoromethane	7.58	113	244591	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
50) Toluene-d8	10.08	98	1004306	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
62) 4-Bromofluorobenzene	12.41	95	315518	44.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.58%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.74	101	7908	2.005	ug/l	95
44) Trichloroethene	8.82	130	327427	75.877	ug/l	98
64) Tetrachloroethene	10.63	164	2409	0.728	ug/l #	86

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

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QLast Update : Thu Sep 19 09:27:53 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058255.D

Acq: 20 Sep 2019 17:04

Instrument :

MSVOA_N

ClientSampleId :

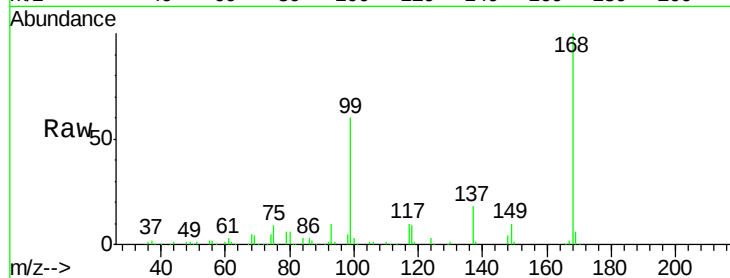
RE120D2-20190917DL

Tot Ion:168 Resp: 487831

Ion Ratio Lower Upper

168 100

99 60.1 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

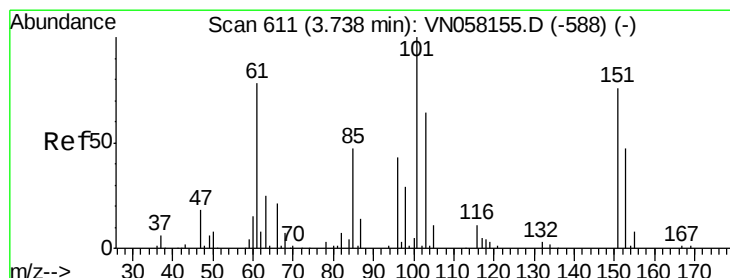
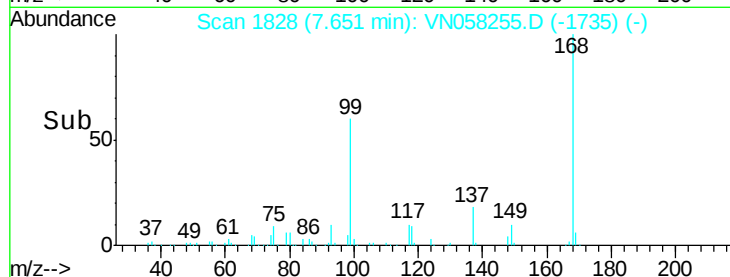
100000

50000

0

7.60 7.70 7.80

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.005 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN058255.D

Acq: 20 Sep 2019 17:04

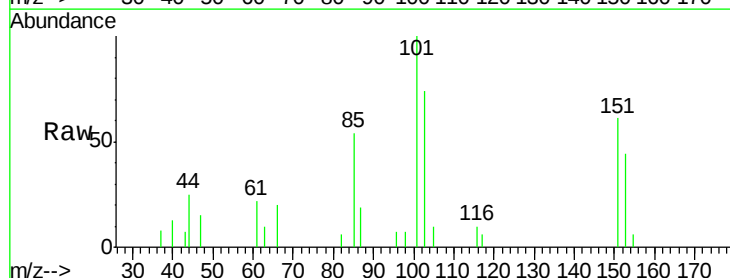
Tgt Ion:101 Resp: 7908

Ion Ratio Lower Upper

101 100

85 47.8 37.3 55.9

151 69.2 59.6 89.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VNO

Ion 150.80 (150.50 to 151.50): V

3.74

3000

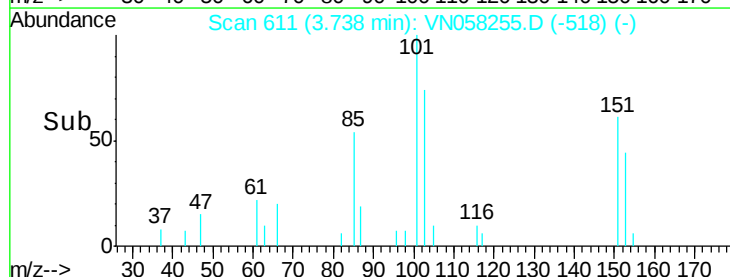
2000

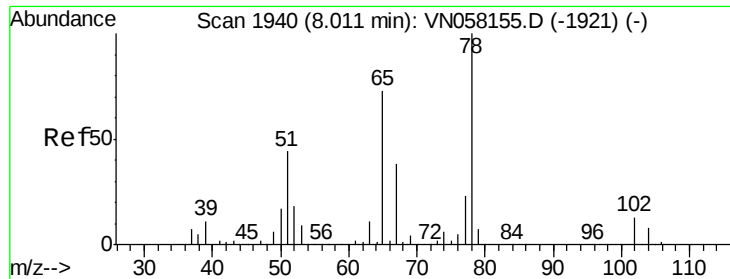
1000

0

3.65 3.70 3.75 3.80

Time-->

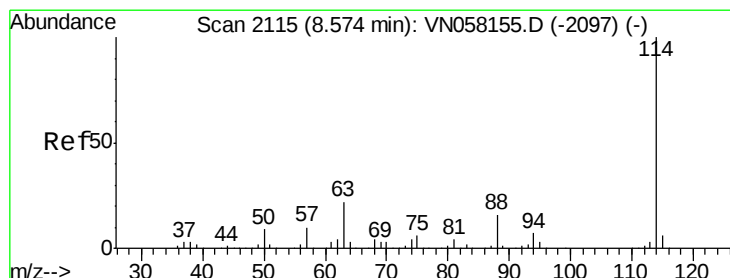
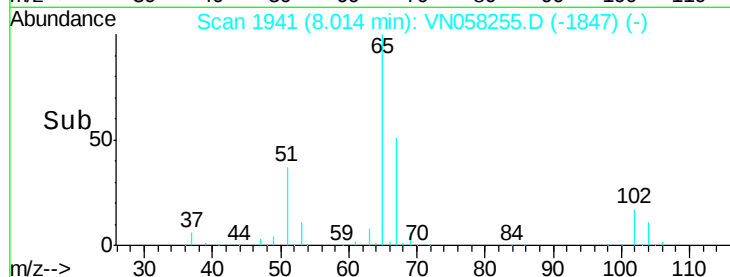
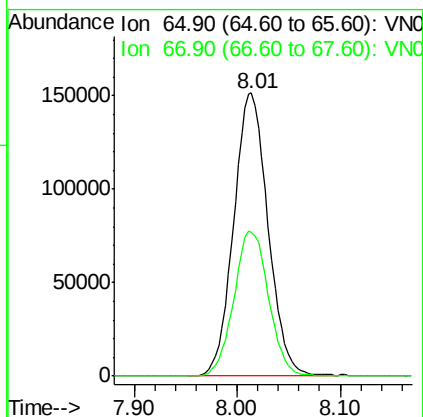
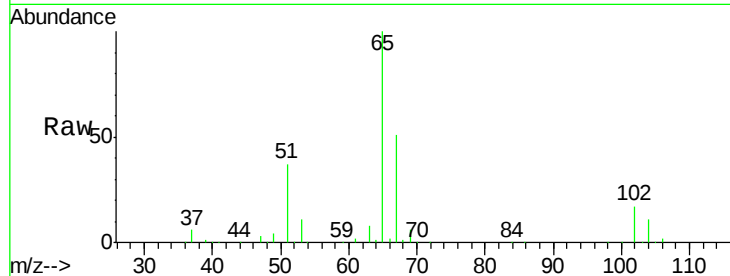




#33
 1,2-Dichloroethane-d4
 Concen: 51.615 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058255.D
 Acq: 20 Sep 2019 17:04

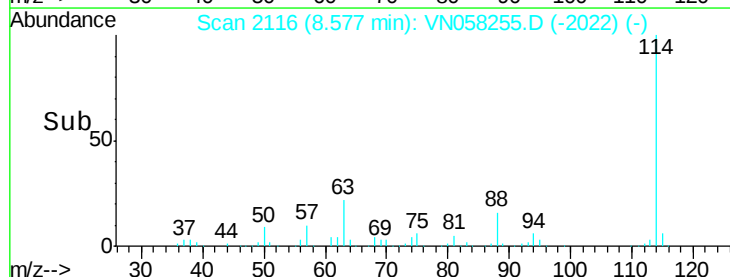
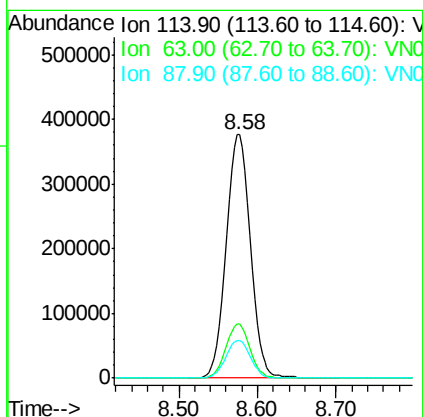
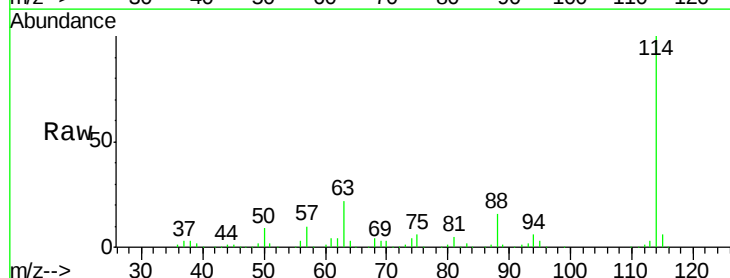
Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D2-20190917DL

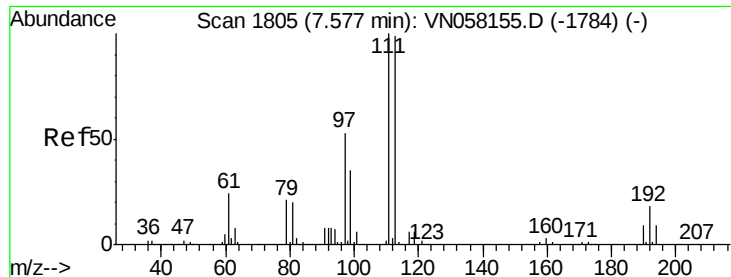
Tot Ion: 65 Resp: 350702
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058255.D
 Acq: 20 Sep 2019 17:04

Tgt Ion: 114 Resp: 800581
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.2
 88 15.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.256 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VN058255.D

Acq: 20 Sep 2019 17:04

Instrument :

MSVOA_N

ClientSampleId :

RE120D2-20190917DL

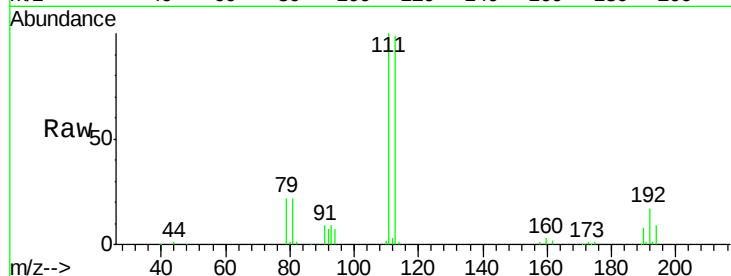
Tot Ion:113 Resp: 244591

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.6

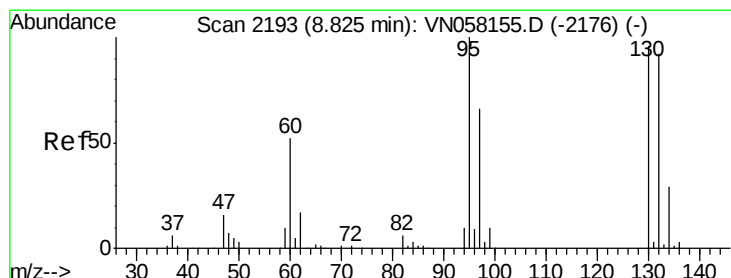
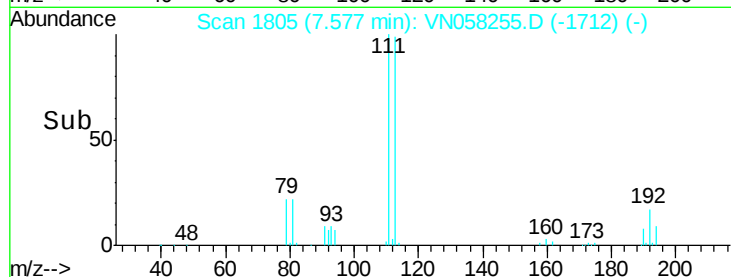
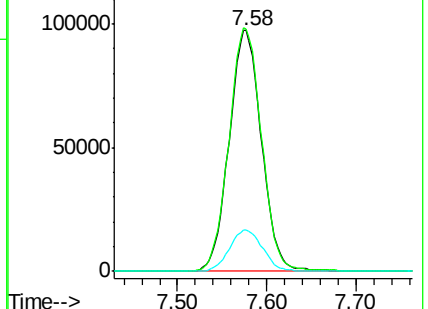
192 17.6 14.5 21.7



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: 75.877 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058255.D

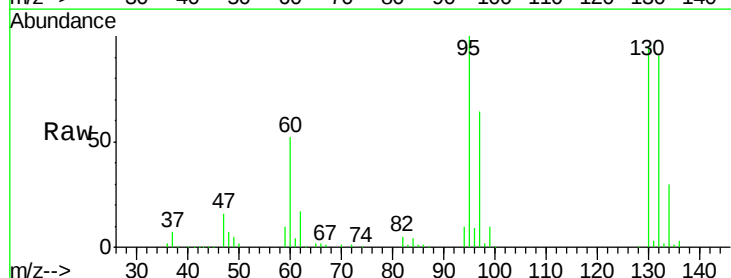
Acq: 20 Sep 2019 17:04

Tgt Ion:130 Resp: 327427

Ion Ratio Lower Upper

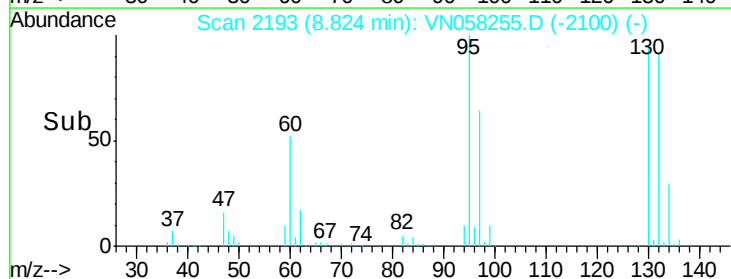
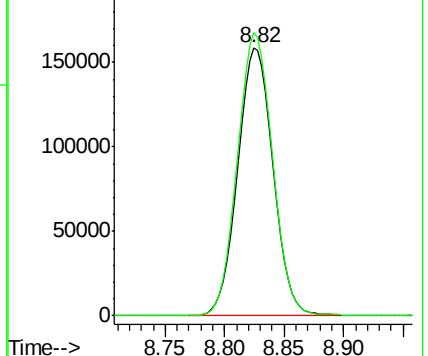
130 100

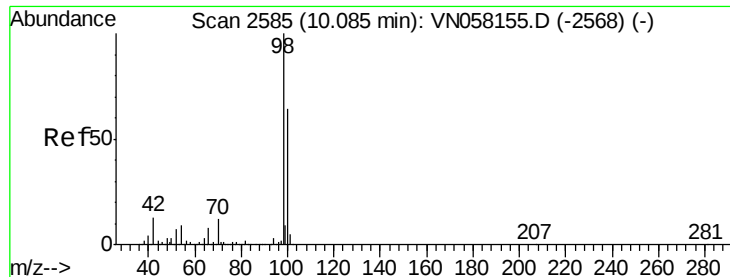
95 105.6 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 52.963 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058255.D

Acq: 20 Sep 2019 17:04

Instrument :

MSVOA_N

ClientSampleId :

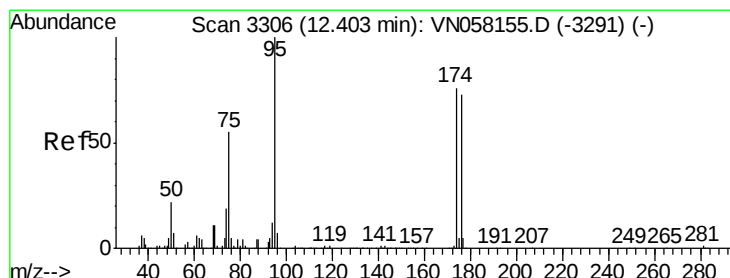
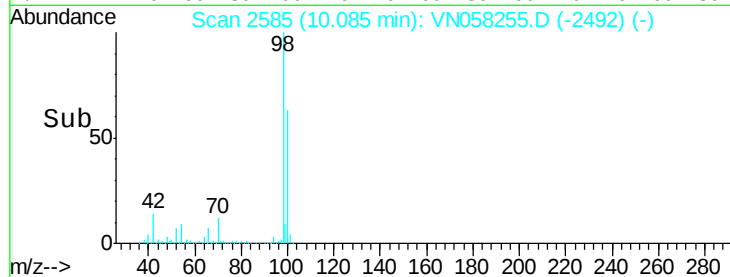
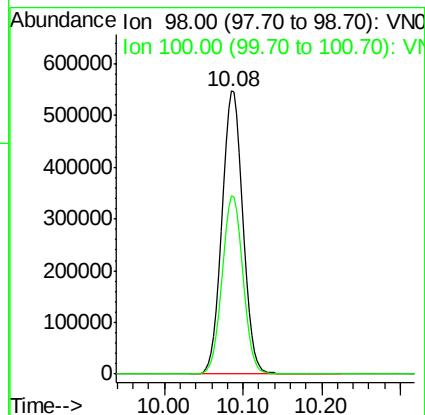
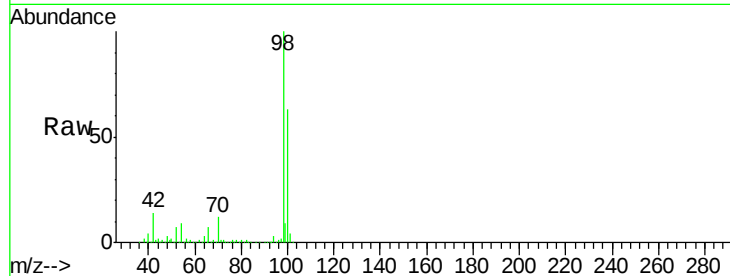
RE120D2-20190917DL

Tot Ion: 98 Resp: 1004306

Ion Ratio Lower Upper

98 100

100 62.6 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.794 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058255.D

Acq: 20 Sep 2019 17:04

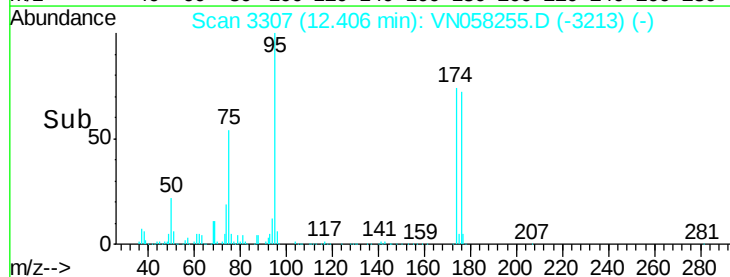
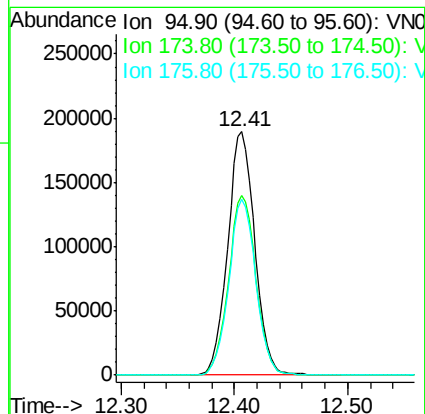
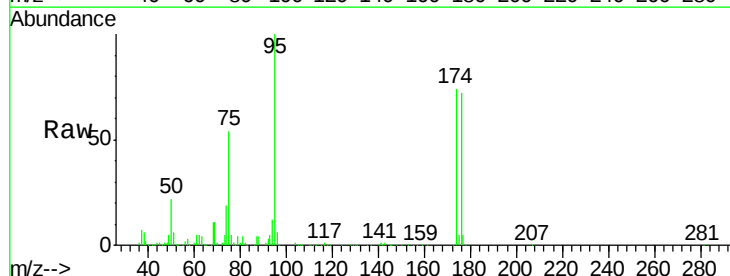
Tgt Ion: 95 Resp: 315518

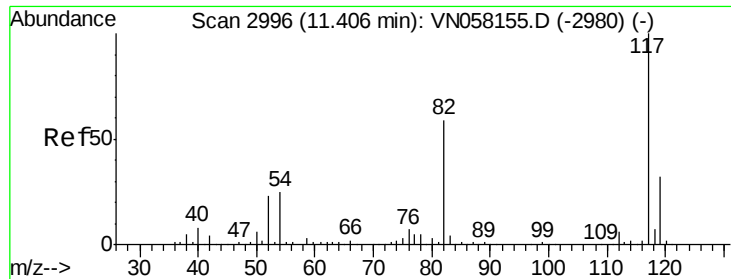
Ion Ratio Lower Upper

95 100

174 74.6 0.0 152.2

176 72.0 0.0 148.0

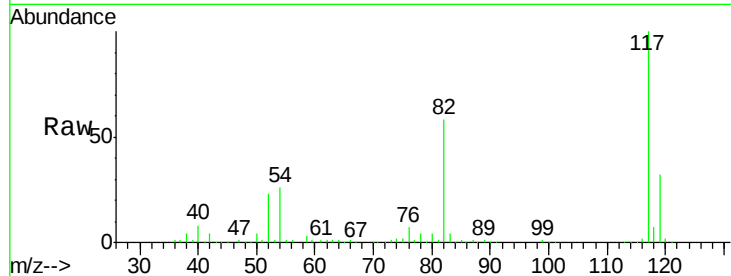




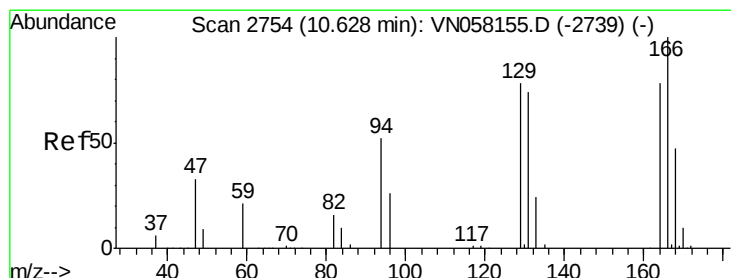
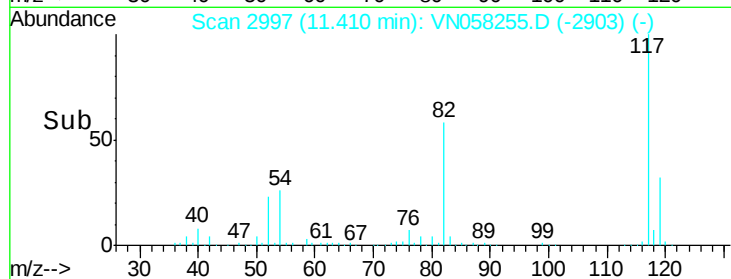
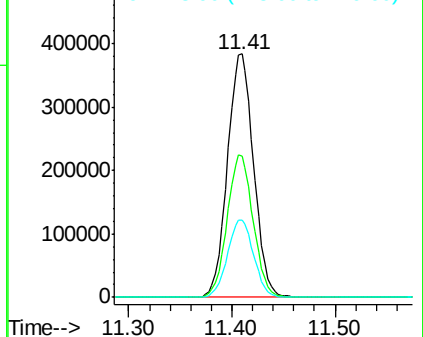
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058255.D
Acq: 20 Sep 2019 17:04

Instrument :
MSVOA_N
ClientSampleId :
RE120D2-20190917DL

Tot Ion:117 Resp: 679043
Ion Ratio Lower Upper
117 100
82 57.7 46.9 70.3
119 32.0 25.3 37.9



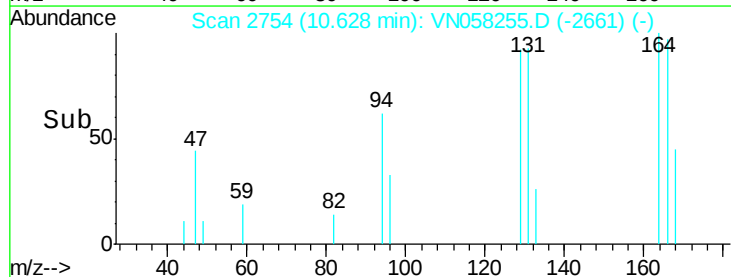
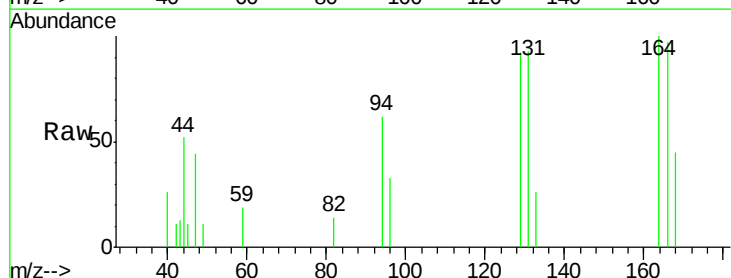
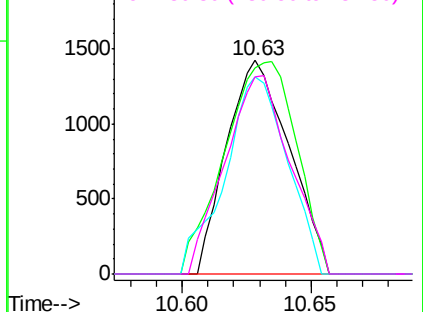
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

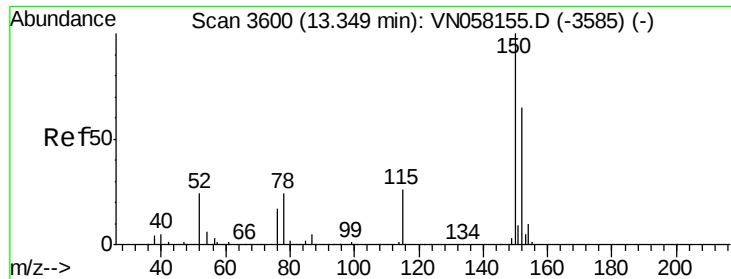


#64
Tetrachloroethene
Concen: 0.728 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058255.D
Acq: 20 Sep 2019 17:04

Tgt Ion:164 Resp: 2409
Ion Ratio Lower Upper
164 100
166 96.6 102.2 153.4#
129 92.3 79.6 119.4
131 92.6 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# 3601

Delta R.T. 0.00 min

Lab File: VN058255.D

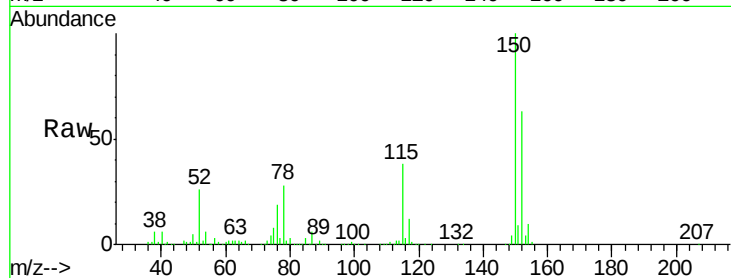
Acq: 20 Sep 2019 17:04

Instrument :

MSVOA_N

ClientSampleId :

RE120D2-20190917DL



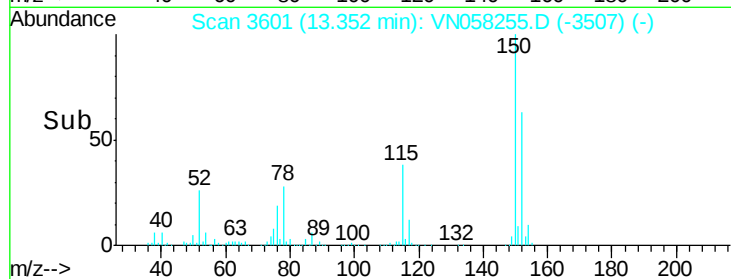
Tot Ion:152 Resp: 269562

Ion Ratio Lower Upper

152 100

115 60.5 30.1 90.3

150 158.7 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

