

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092019\
 Data File : VN058268.D
 Acq On : 20 Sep 2019 21:52
 Operator : JC/SP
 Sample : K4975-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20190917

Quant Time: Sep 21 04:36:29 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

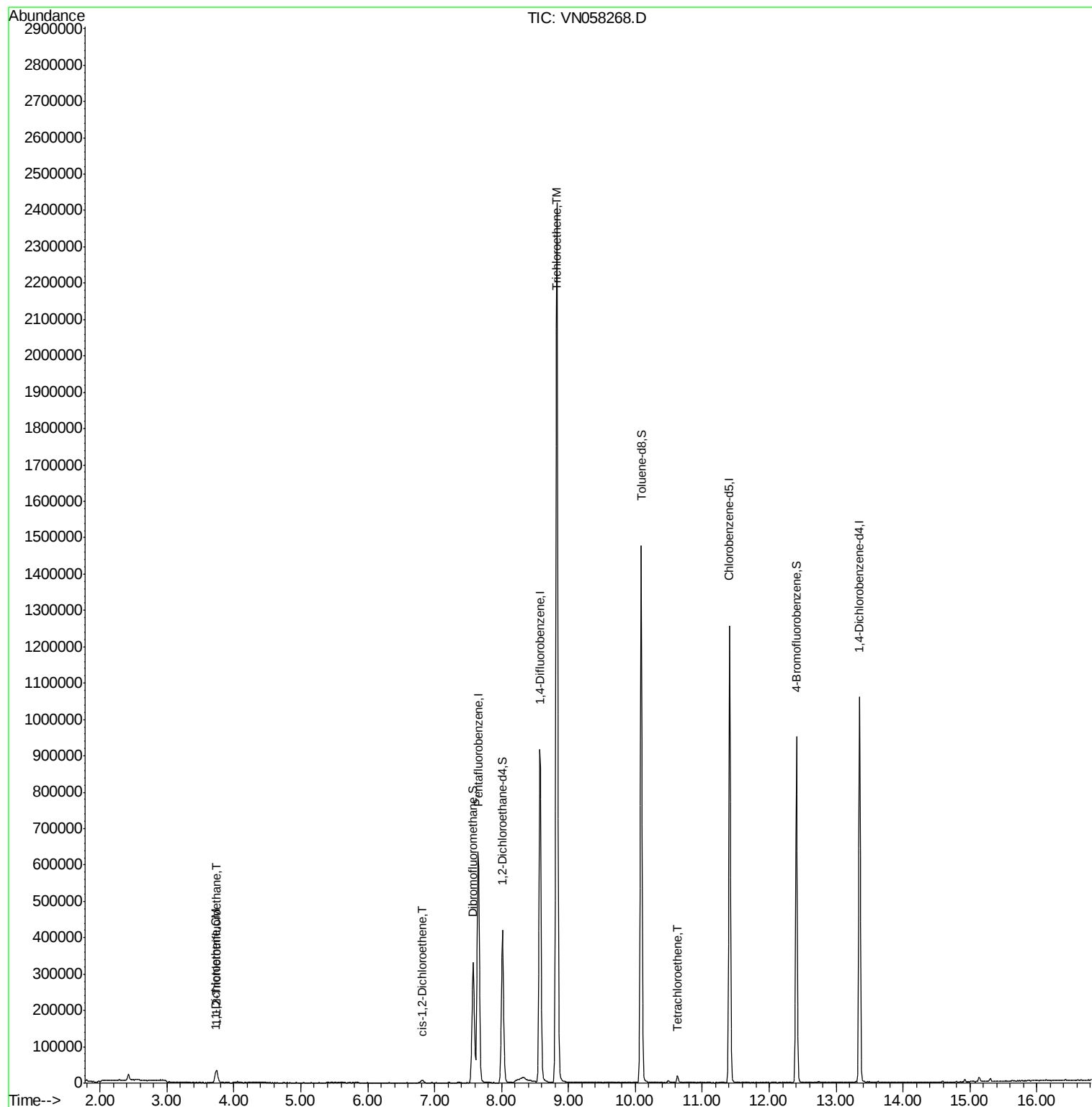
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	492300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	798524	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	681678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	265820	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	359639	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
35) Dibromofluoromethane	7.58	113	250979	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
50) Toluene-d8	10.08	98	1020245	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.88%	
62) 4-Bromofluorobenzene	12.41	95	324155	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.74	101	19276	4.843	ug/l	99
12) 1,1-Dichloroethene	3.71	96	3005	0.644	ug/l	92
27) cis-1,2-Dichloroethene	6.81	96	4097	0.821	ug/l	86
44) Trichloroethene	8.82	130	844074	196.108	ug/l	99
64) Tetrachloroethene	10.63	164	3820	1.150	ug/l	90

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

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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: VN058268.D

Acq: 20 Sep 2019 21:52

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MSVOA_N

ClientSampleId :

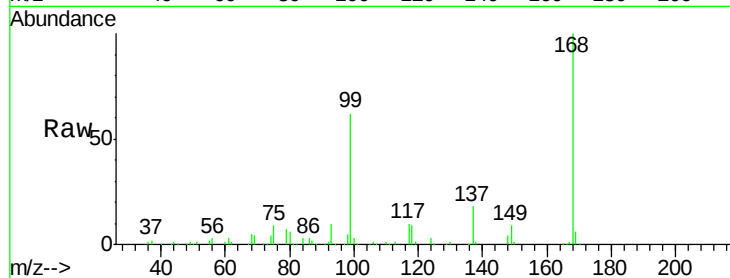
RE120D3-20190917

Tot Ion:168 Resp: 492300

Ion Ratio Lower Upper

168 100

99 61.8 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

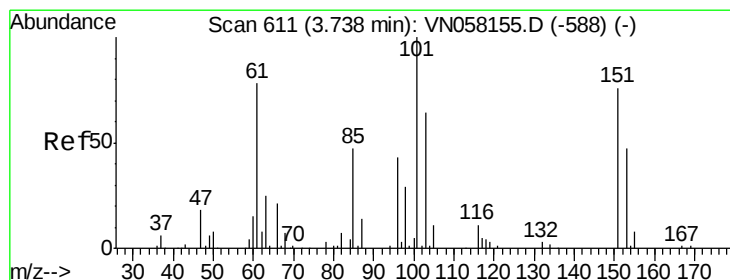
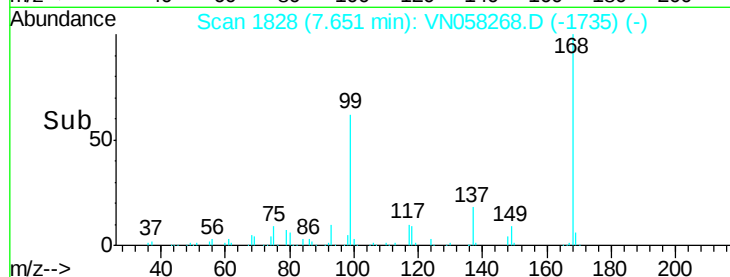
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.843 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN058268.D

Acq: 20 Sep 2019 21:52

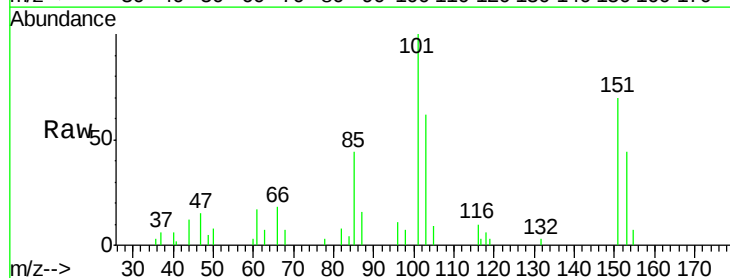
Tgt Ion:101 Resp: 19276

Ion Ratio Lower Upper

101 100

85 46.8 37.3 55.9

151 72.9 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

8000

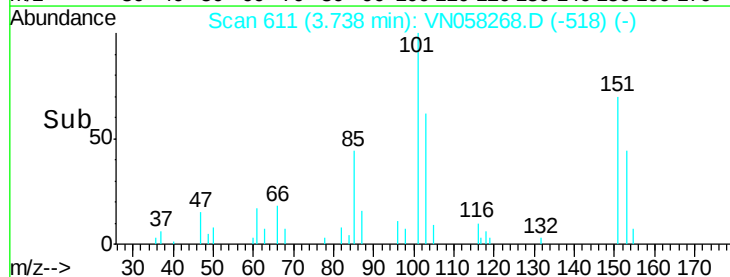
6000

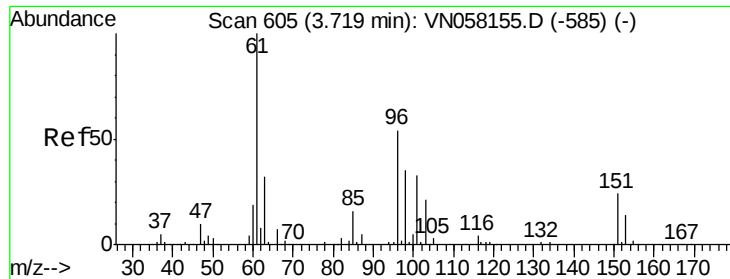
4000

2000

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.644 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.01 min

Lab File: VN058268.D

Acq: 20 Sep 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

RE120D3-20190917

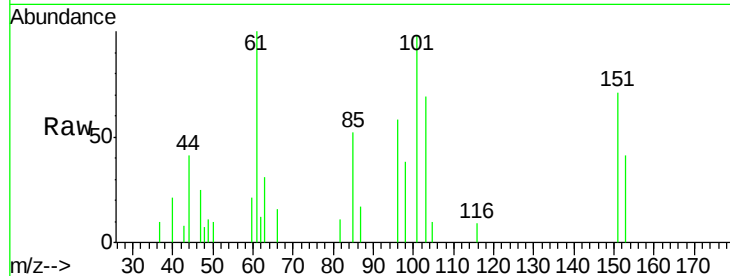
Tot Ion: 96 Resp: 3005

Ion Ratio Lower Upper

96 100

61 172.7 149.5 224.3

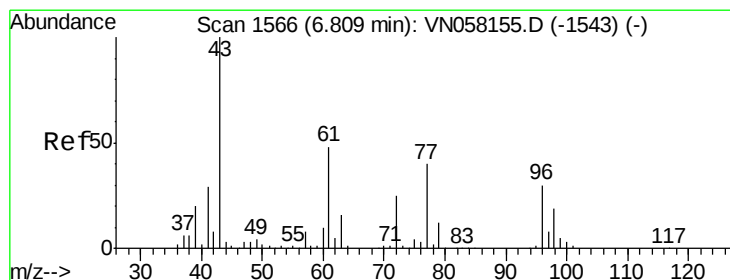
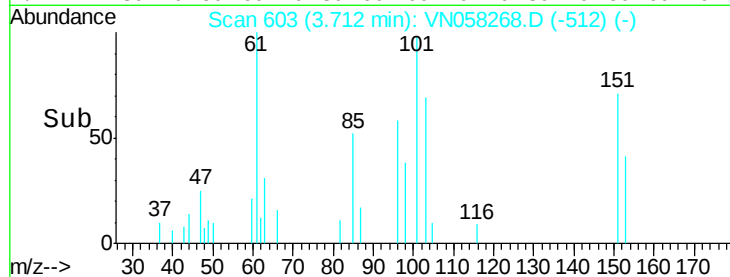
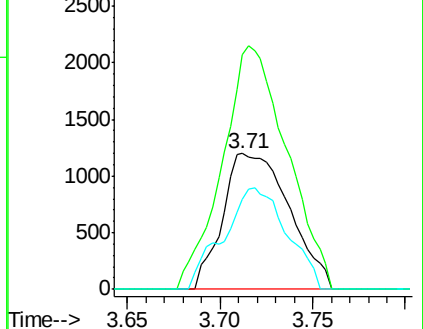
98 66.3 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#27

cis-1,2-Dichloroethene

Concen: 0.821 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VN058268.D

Acq: 20 Sep 2019 21:52

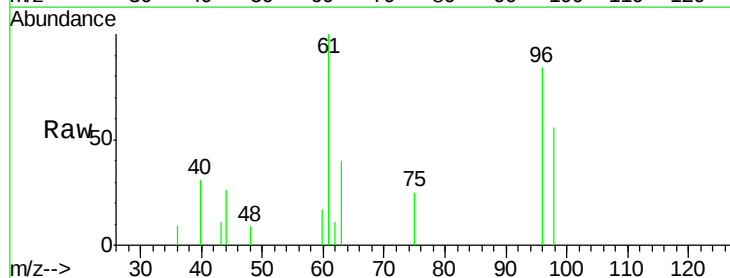
Tgt Ion: 96 Resp: 4097

Ion Ratio Lower Upper

96 100

61 135.9 0.0 319.0

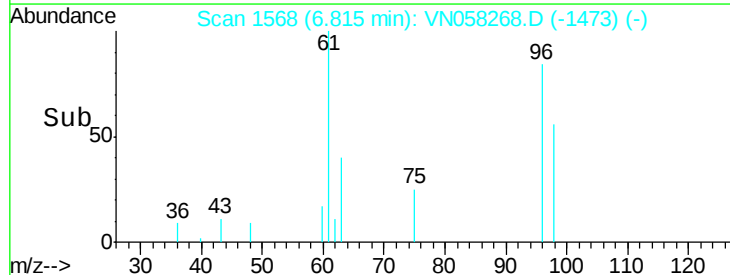
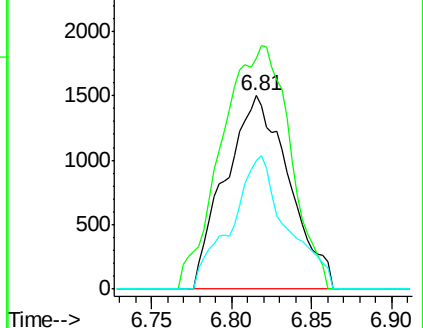
98 60.7 0.0 126.6

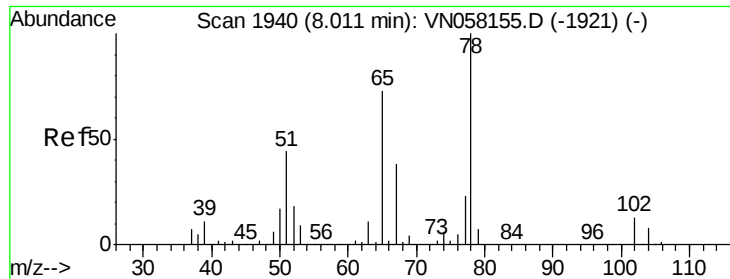


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

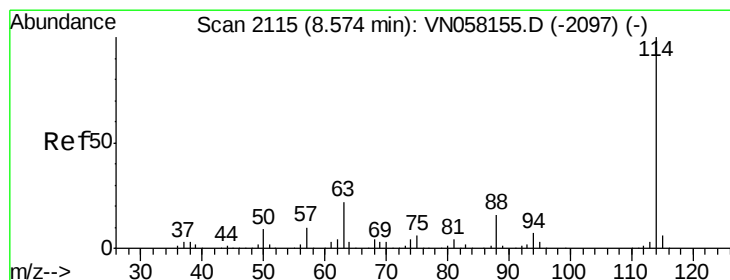
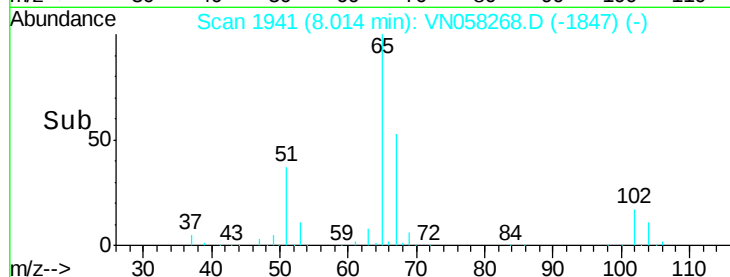
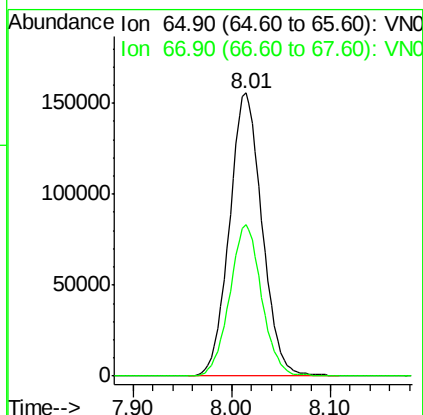
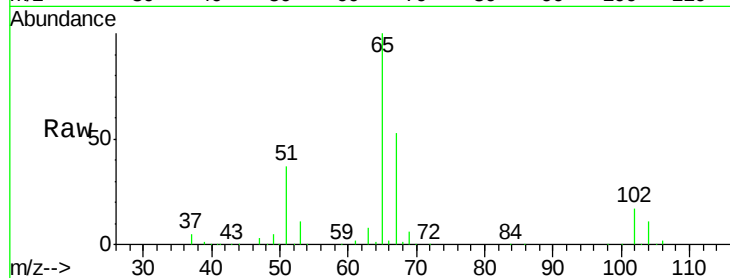




#33
 1,2-Dichloroethane-d4
 Concen: 52.450 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058268.D
 Acq: 20 Sep 2019 21:52

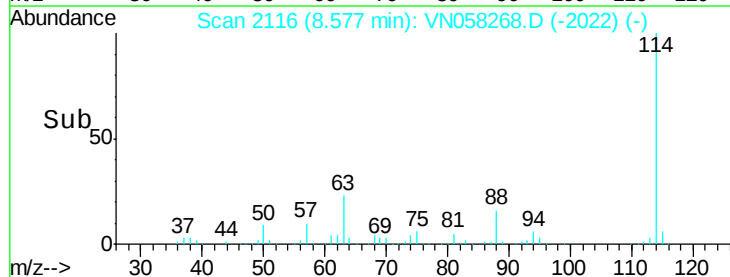
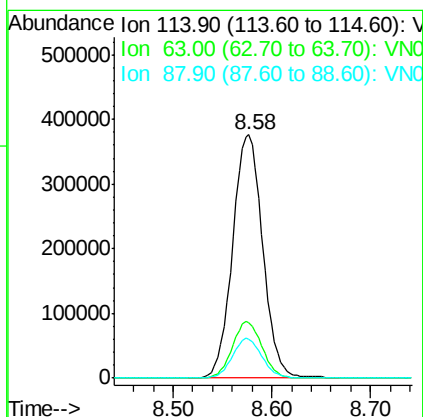
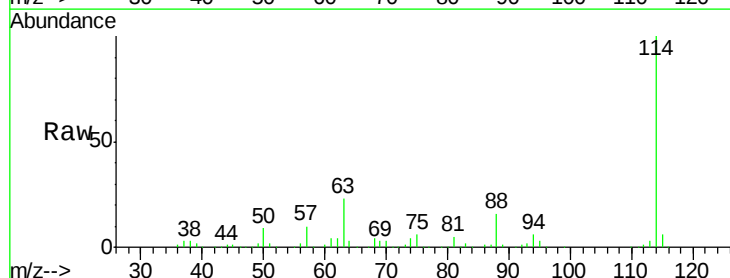
Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20190917

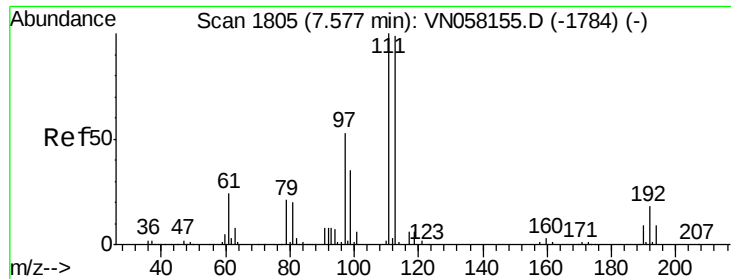
Tot Ion: 65 Resp: 359639
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058268.D
 Acq: 20 Sep 2019 21:52

Tgt Ion: 114 Resp: 798524
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.2
 88 16.2 0.0 31.6

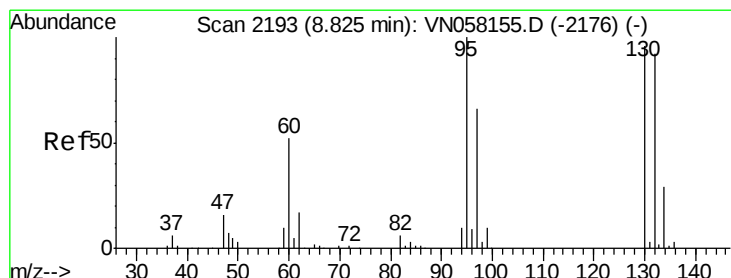
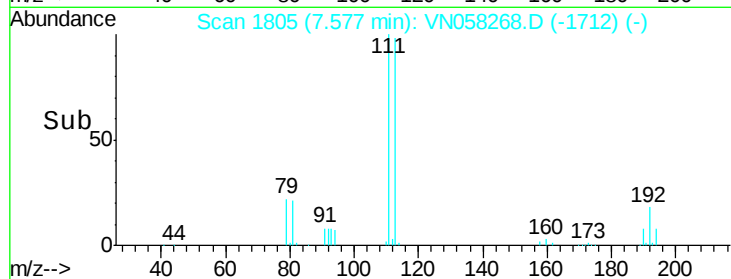
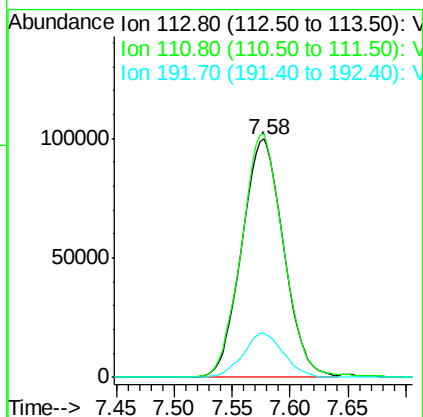
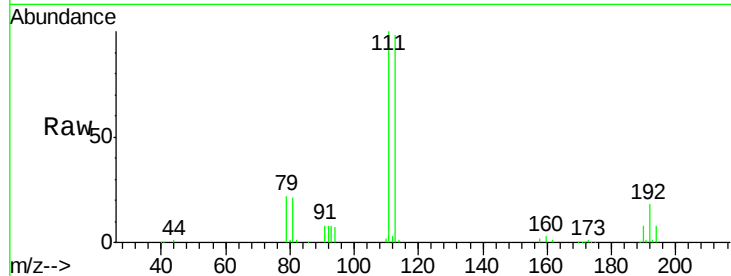




#35
 Dibromofluoromethane
 Concen: 51.702 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN058268.D
 Acq: 20 Sep 2019 21:52

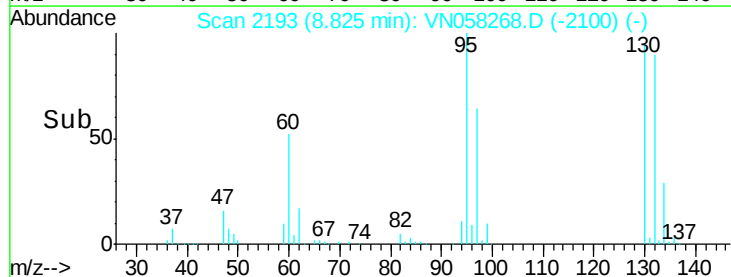
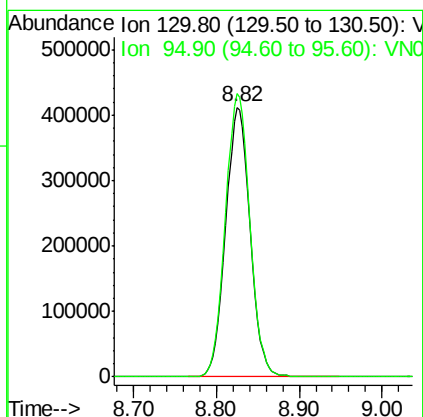
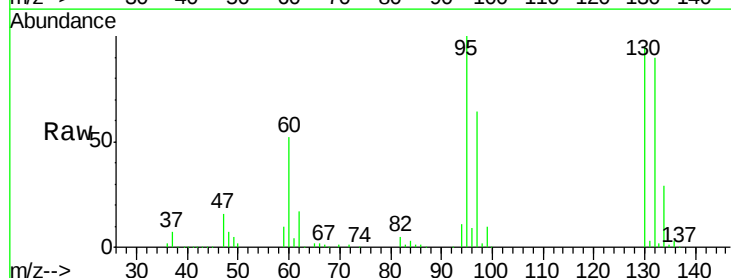
Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20190917

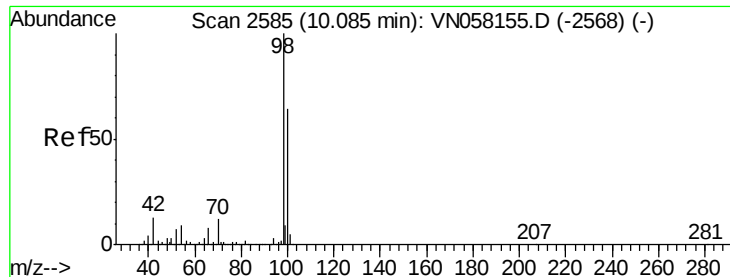
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.6
192	18.1	14.5	21.7



#44
 Trichloroethene
 Concen: 196.108 ug/l
 RT: 8.82 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VN058268.D
 Acq: 20 Sep 2019 21:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.9	0.0	207.8





#50

Toluene-d8

Concen: 53.942 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058268.D

Acq: 20 Sep 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

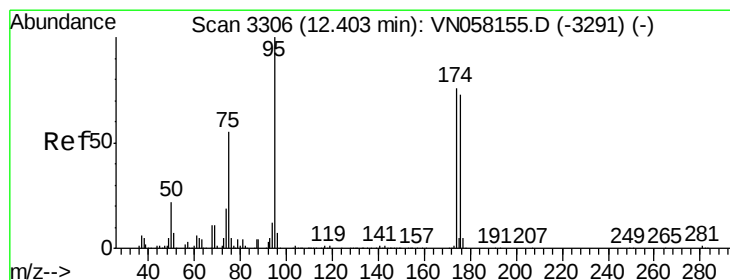
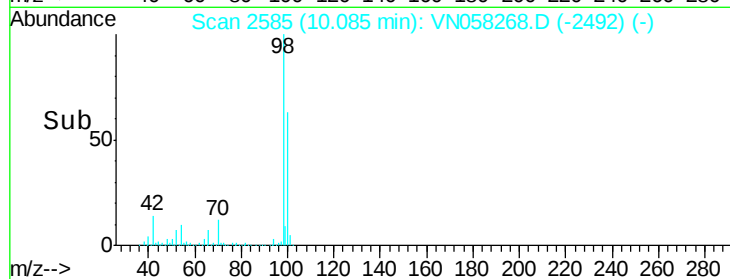
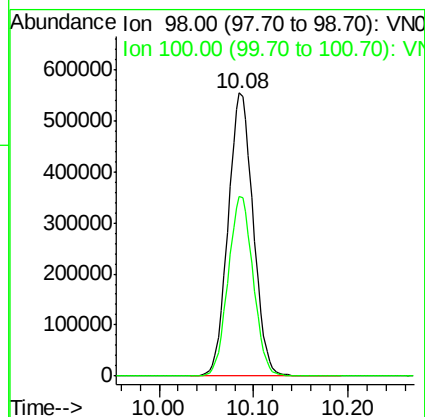
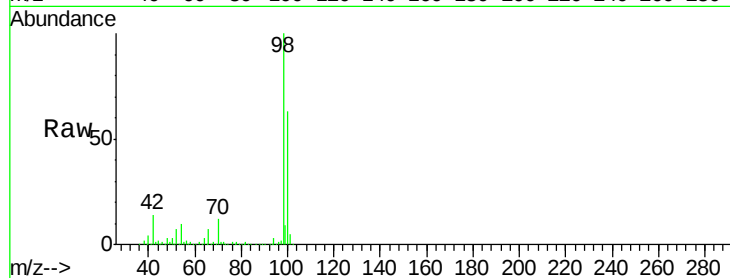
RE120D3-20190917

Tot Ion: 98 Resp: 1020245

Ion Ratio Lower Upper

98 100

100 63.3 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 46.139 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058268.D

Acq: 20 Sep 2019 21:52

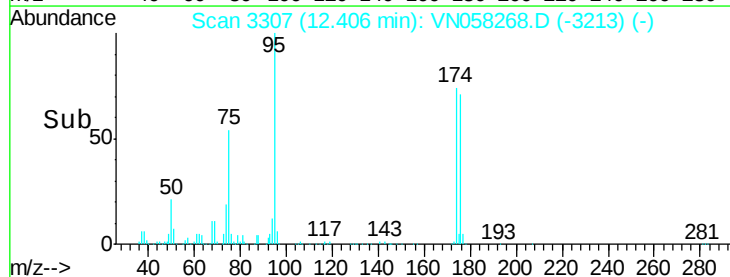
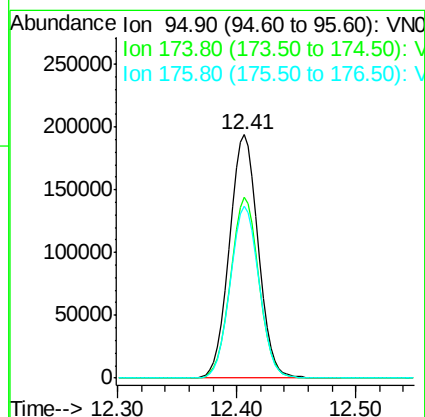
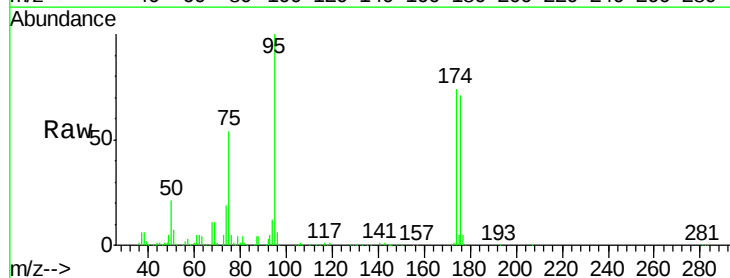
Tgt Ion: 95 Resp: 324155

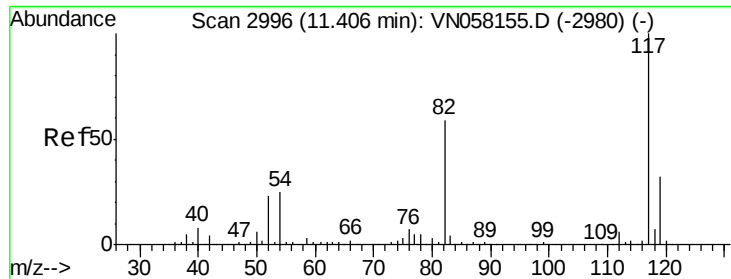
Ion Ratio Lower Upper

95 100

174 73.6 0.0 152.2

176 71.1 0.0 148.0

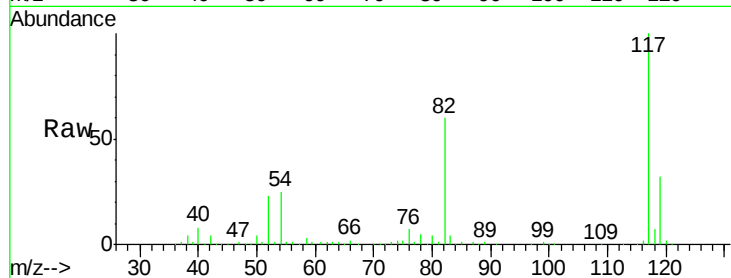




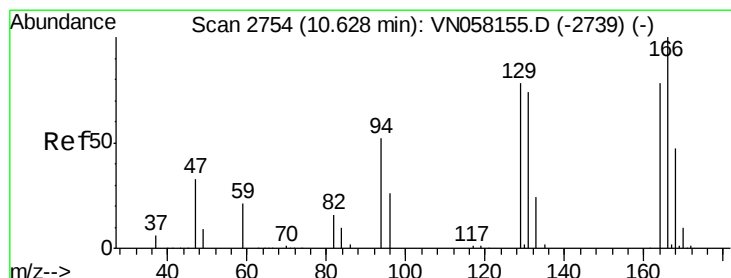
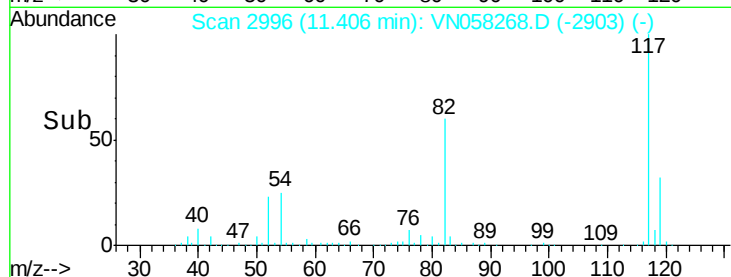
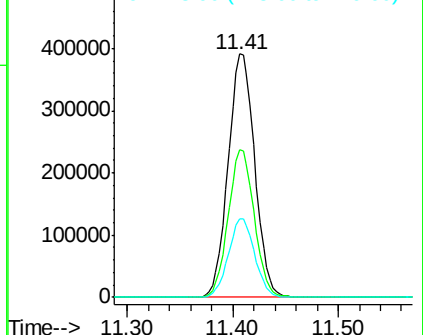
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058268.D
Acq: 20 Sep 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20190917

Tot Ion:117 Resp: 681678
Ion Ratio Lower Upper
117 100
82 60.4 46.9 70.3
119 32.2 25.3 37.9

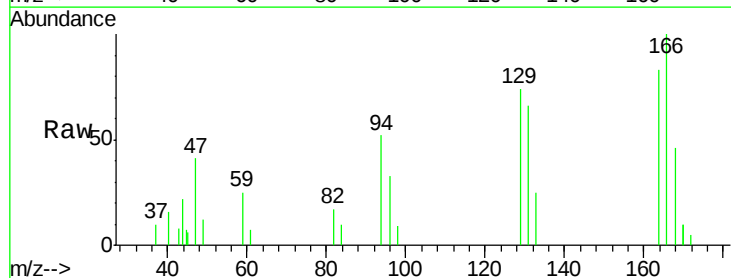


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

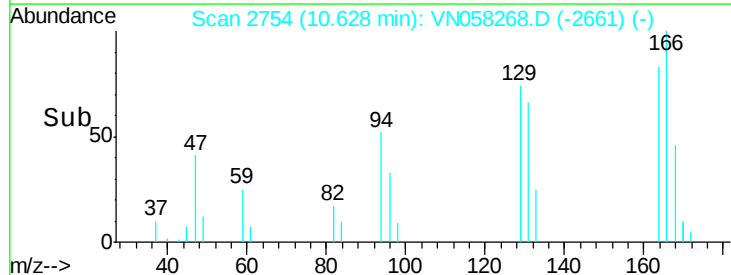
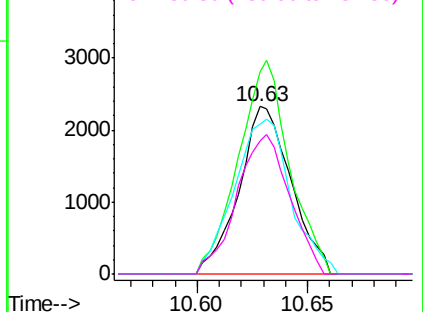


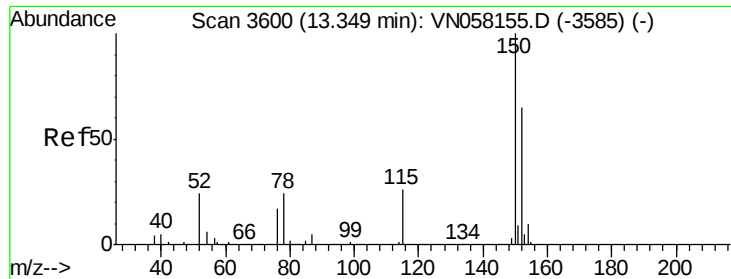
#64
Tetrachloroethene
Concen: 1.150 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058268.D
Acq: 20 Sep 2019 21:52

Tgt Ion:164 Resp: 3820
Ion Ratio Lower Upper
164 100
166 120.7 102.2 153.4
129 89.4 79.6 119.4
131 79.8 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: VN058268.D

Acq: 20 Sep 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

RE120D3-20190917

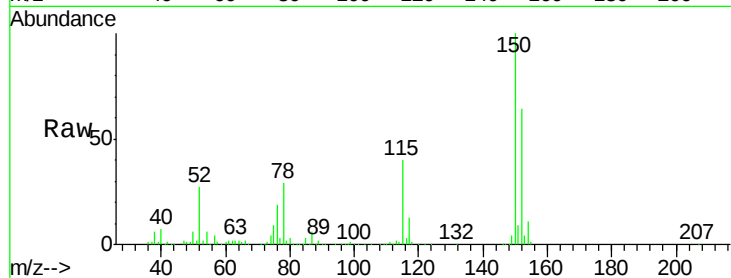
Tot Ion:152 Resp: 265820

Ion Ratio Lower Upper

152 100

115 62.6 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

