

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
 Data File : VN058197.D
 Acq On : 19 Sep 2019 12:02
 Operator : JC/SP
 Sample : K4896-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D1-20190912

Quant Time: Sep 20 03:35:04 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	523649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	844738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	717094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	292573	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	367731	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	7.57	113	256406	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
50) Toluene-d8	10.08	98	1047417	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
62) 4-Bromofluorobenzene	12.40	95	340501	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	

Target Compounds

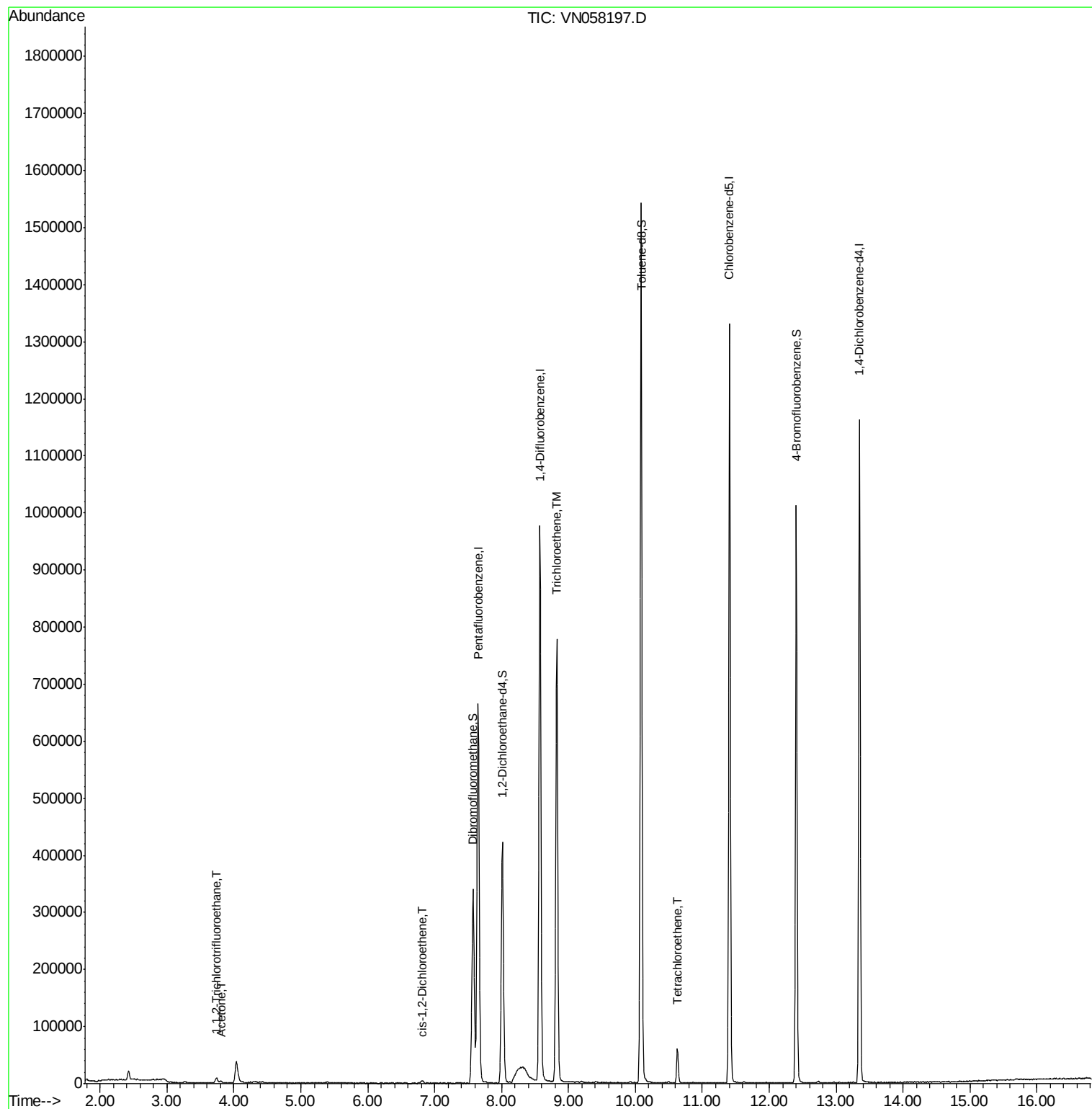
					Qvalue
9) 1,1,2-Trichlorotrifluoroet	3.74	101	5063	1.196	ug/l 94
16) Acetone	3.80	43	5630	2.274	ug/l 96
27) cis-1,2-Dichloroethene	6.81	96	2490	0.469	ug/l 73
44) Trichloroethene	8.82	130	270081	59.316	ug/l 99
64) Tetrachloroethene	10.63	164	13006	3.721	ug/l 98

(#) = 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# 1828

Delta R.T. -0.00 min

Lab File: VN058197.D

Acq: 19 Sep 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

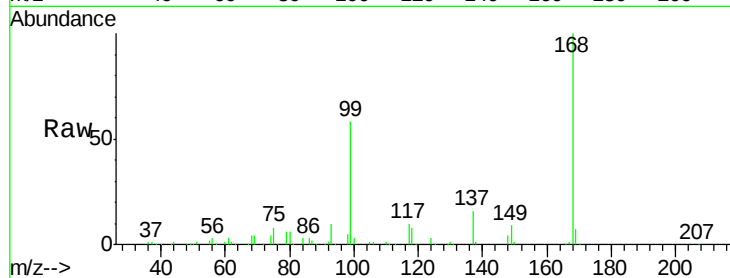
RE104D1-20190912

Tot Ion:168 Resp: 523649

Ion Ratio Lower Upper

168 100

99 58.0 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

150000

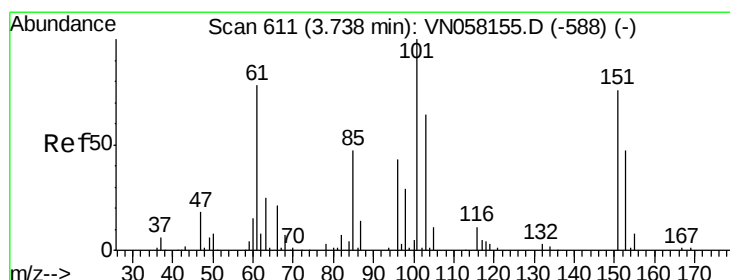
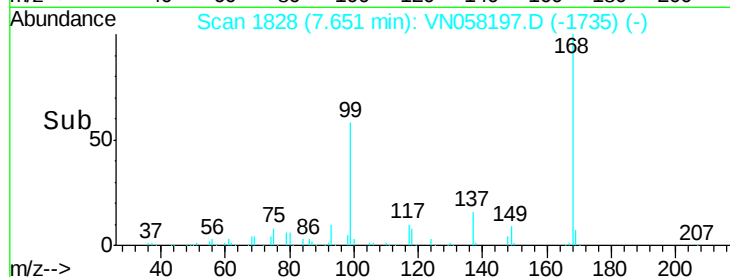
100000

50000

0

7.60 7.70

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.196 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN058197.D

Acq: 19 Sep 2019 12:02

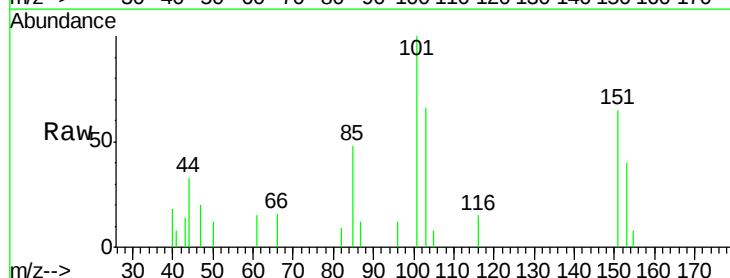
Tgt Ion:101 Resp: 5063

Ion Ratio Lower Upper

101 100

85 50.6 37.3 55.9

151 79.8 59.6 89.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V

3.74

2500

2000

1500

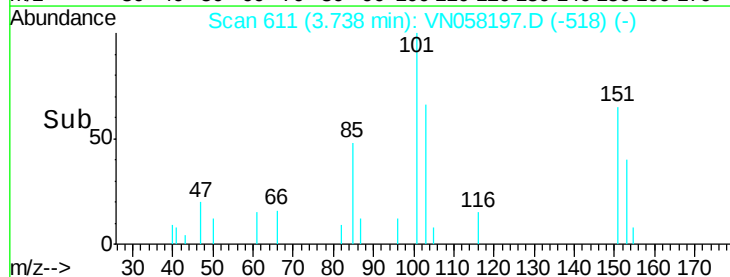
1000

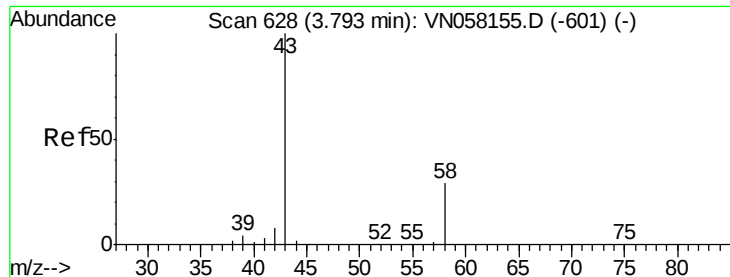
500

0

3.65 3.70 3.75 3.80

Time-->





#16

Acetone

Concen: 2.274 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058197.D

Acq: 19 Sep 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

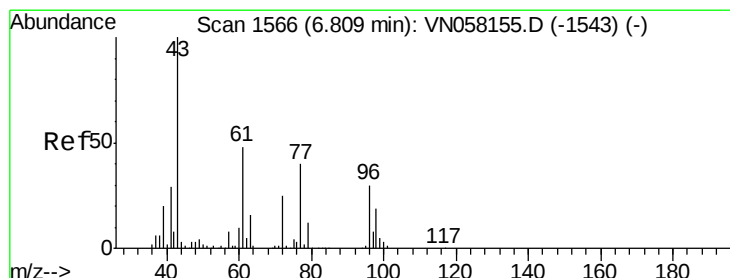
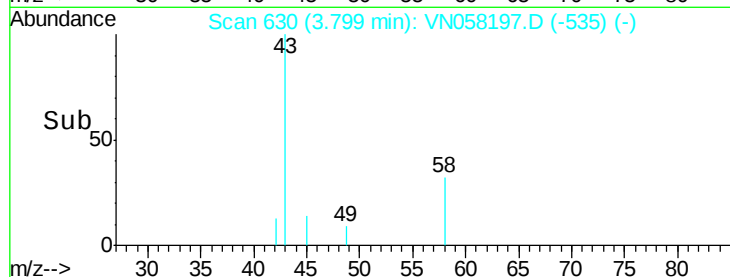
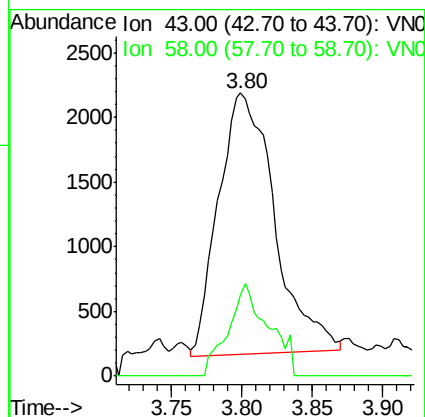
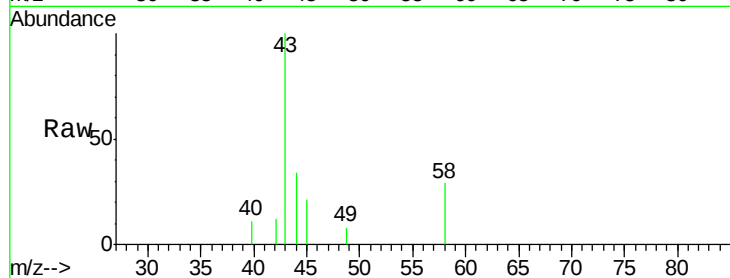
RE104D1-20190912

Tot Ion: 43 Resp: 5630

Ion Ratio Lower Upper

43 100

58 31.6 23.4 35.2



#27

cis-1,2-Dichloroethene

Concen: 0.469 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VN058197.D

Acq: 19 Sep 2019 12:02

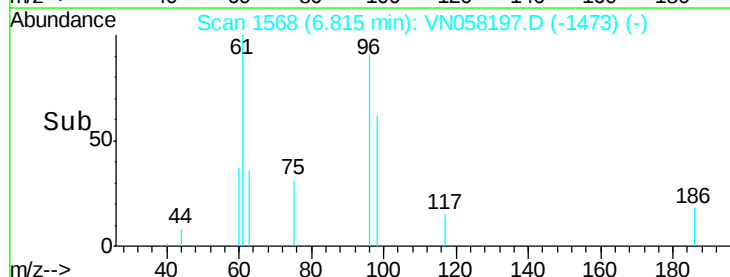
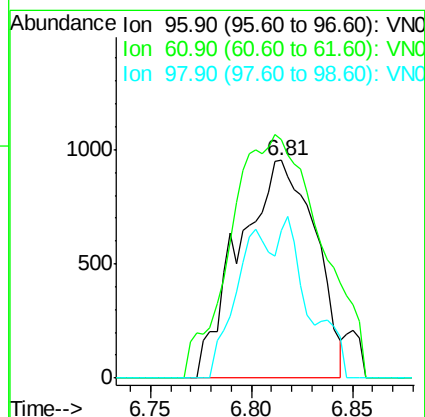
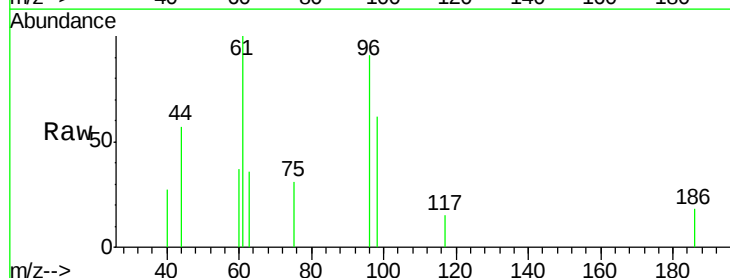
Tgt Ion: 96 Resp: 2490

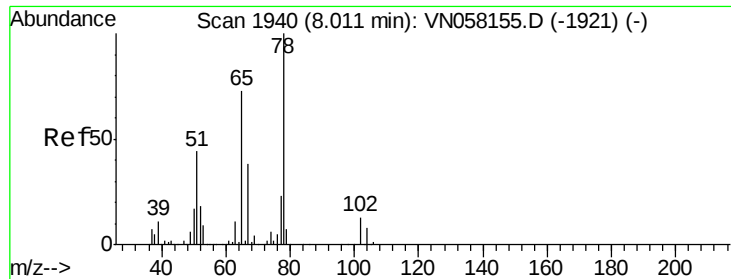
Ion Ratio Lower Upper

96 100

61 132.8 0.0 319.0

98 29.2 0.0 126.6

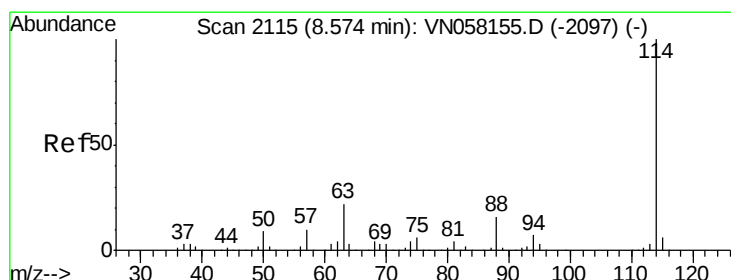
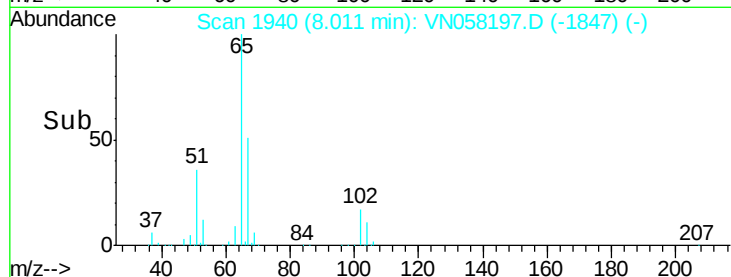
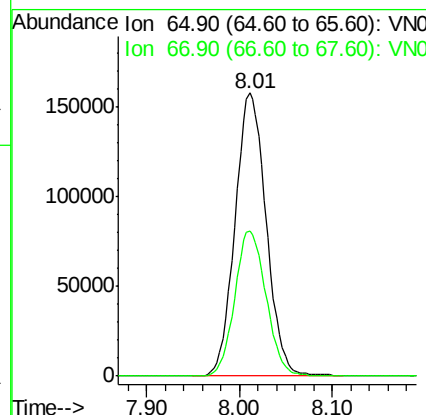
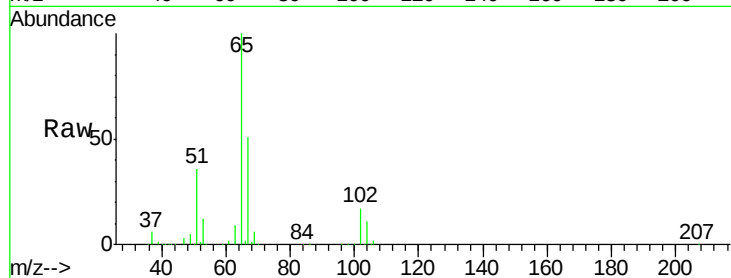




#33
 1,2-Dichloroethane-d4
 Concen: 50.420 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058197.D
 Acq: 19 Sep 2019 12:02

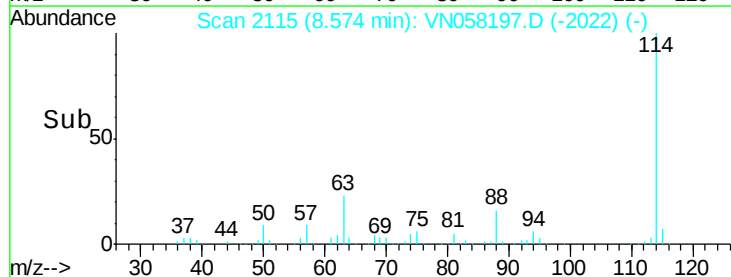
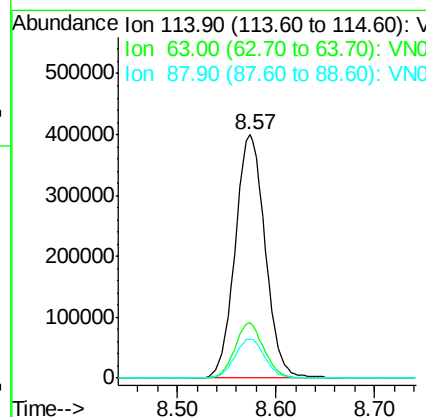
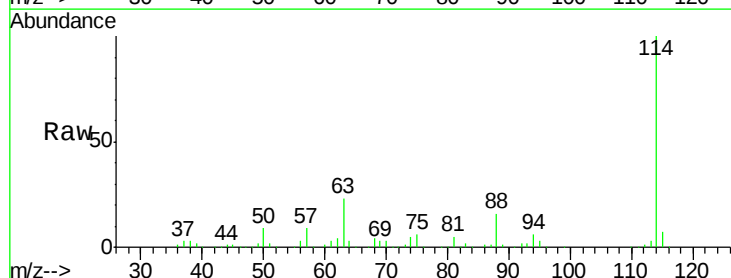
Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D1-20190912

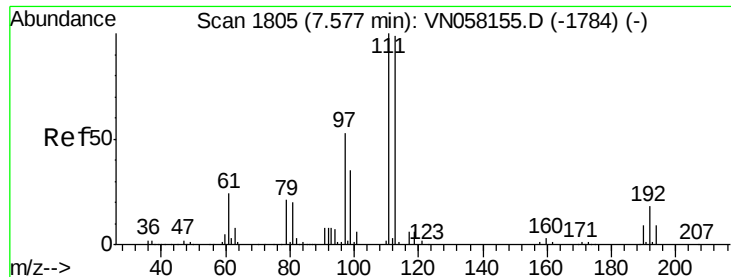
Tot Ion: 65 Resp: 367731
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058197.D
 Acq: 19 Sep 2019 12:02

Tgt Ion: 114 Resp: 844738
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 44.2
 88 16.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.930 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058197.D

Acq: 19 Sep 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

RE104D1-20190912

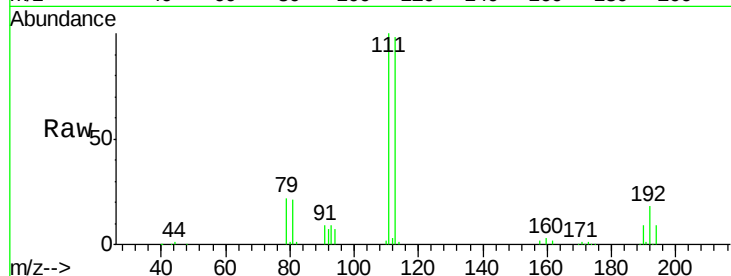
Tot Ion:113 Resp: 256406

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.6

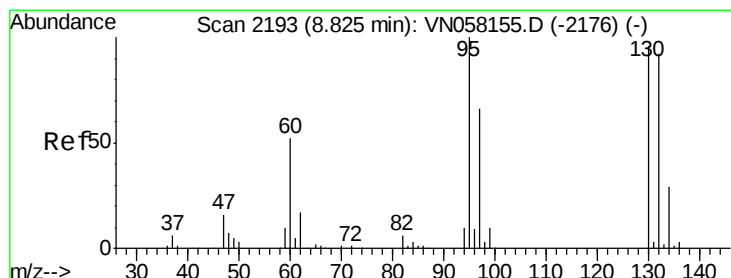
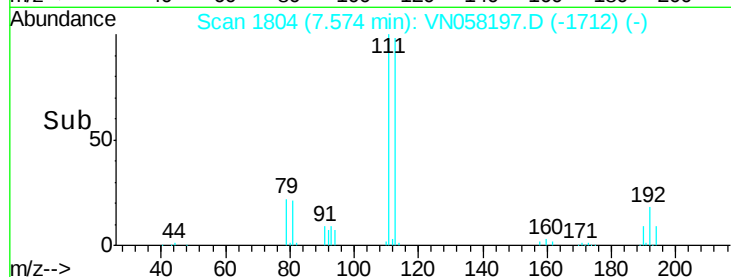
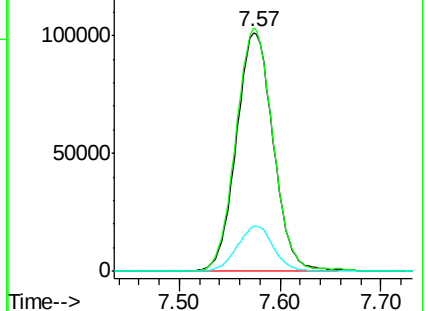
192 18.7 14.5 21.7



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: 59.316 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058197.D

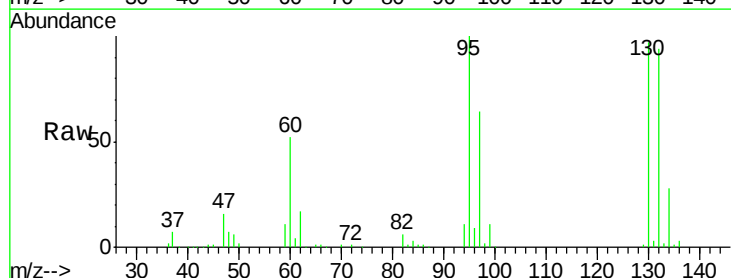
Acq: 19 Sep 2019 12:02

Tgt Ion:130 Resp: 270081

Ion Ratio Lower Upper

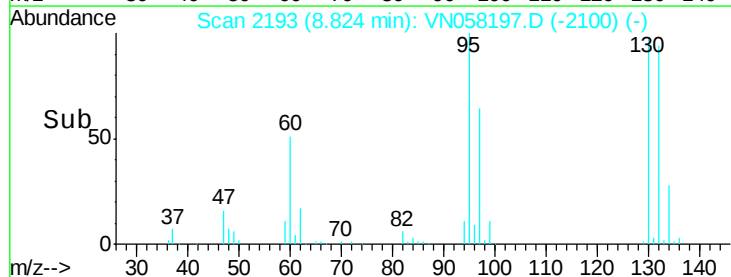
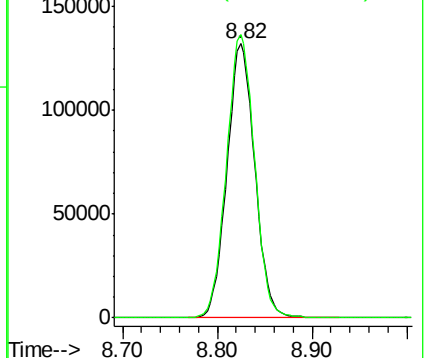
130 100

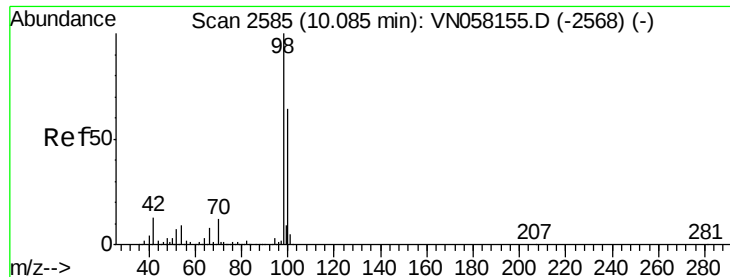
95 103.2 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 52.349 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058197.D

Acq: 19 Sep 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

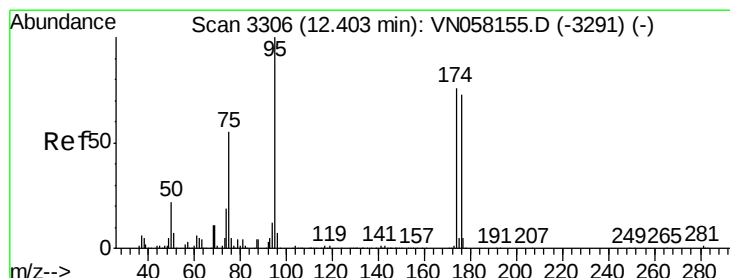
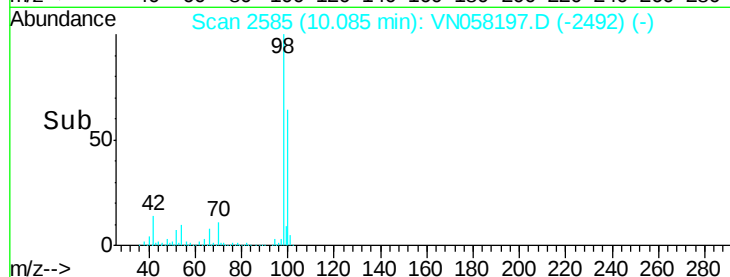
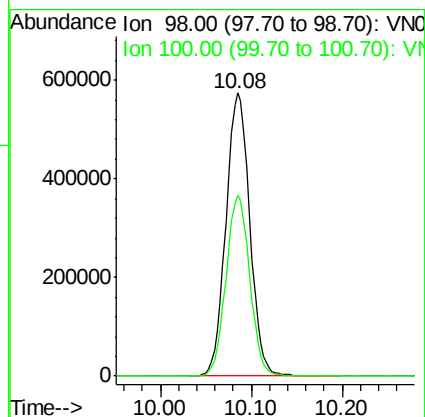
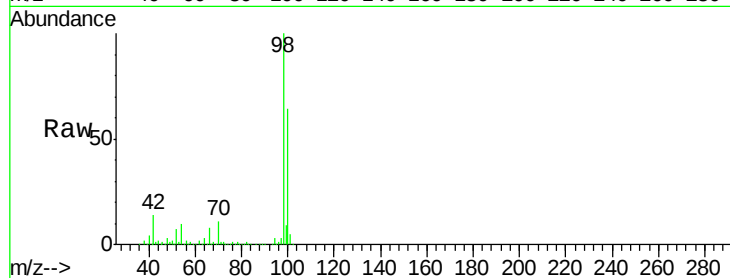
RE104D1-20190912

Tot Ion: 98 Resp: 1047417

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 45.814 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN058197.D

Acq: 19 Sep 2019 12:02

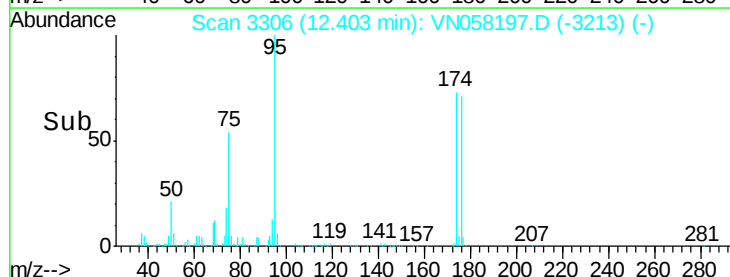
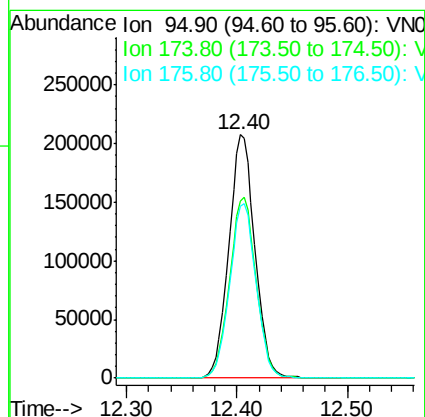
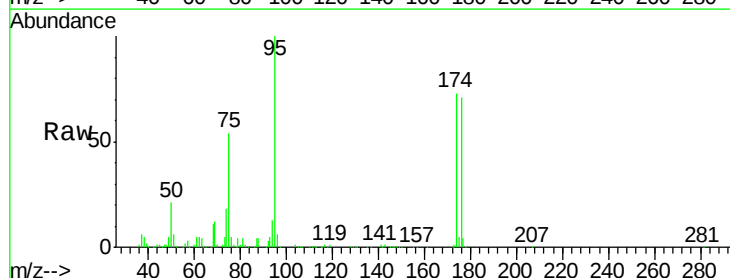
Tgt Ion: 95 Resp: 340501

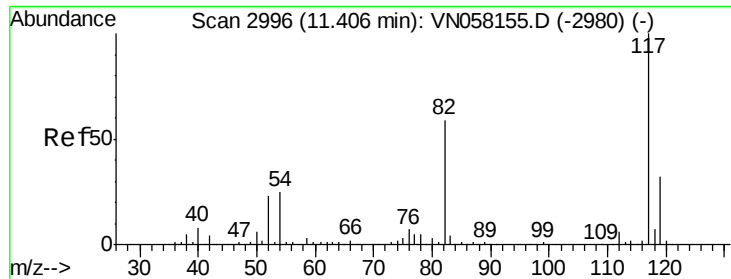
Ion Ratio Lower Upper

95 100

174 75.8 0.0 152.2

176 72.6 0.0 148.0

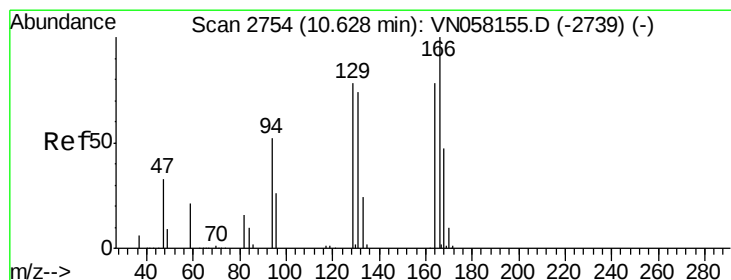
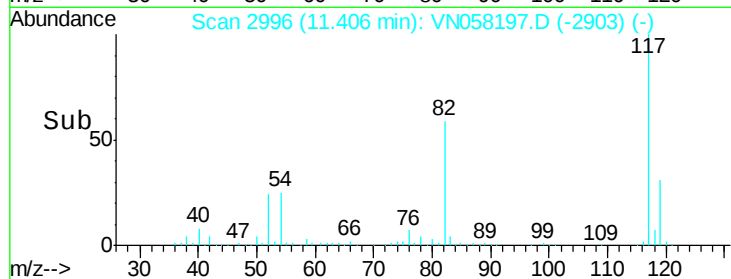
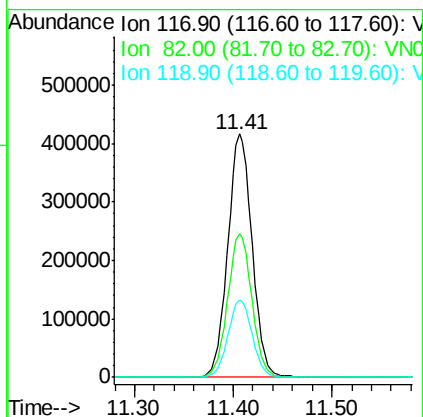
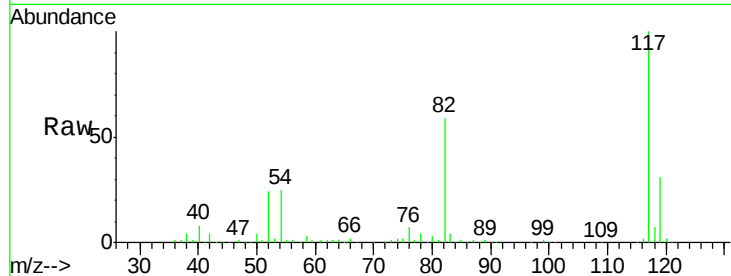




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058197.D
Acq: 19 Sep 2019 12:02

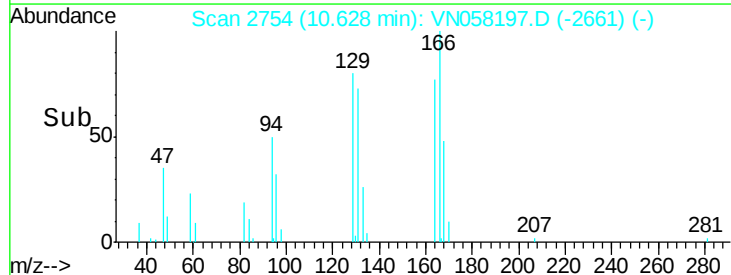
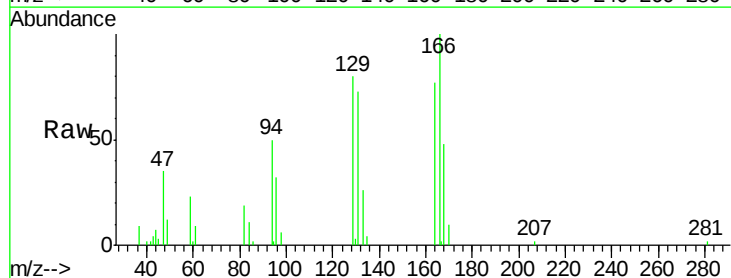
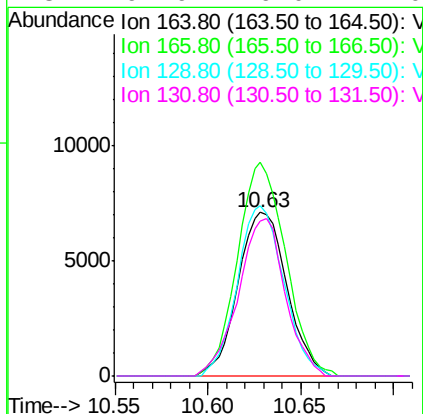
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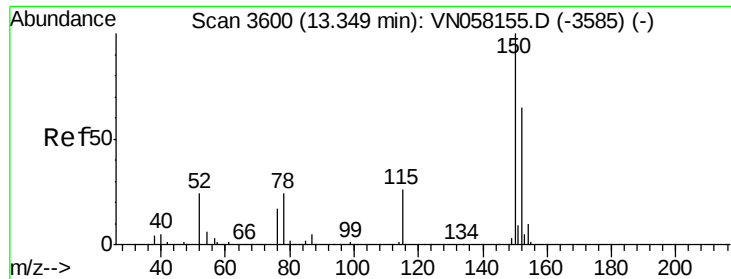
Tot Ion:117 Resp: 717094
Ion Ratio Lower Upper
117 100
82 59.3 46.9 70.3
119 31.5 25.3 37.9



#64
Tetrachloroethene
Concen: 3.721 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058197.D
Acq: 19 Sep 2019 12:02

Tgt Ion:164 Resp: 13006
Ion Ratio Lower Upper
164 100
166 130.4 102.2 153.4
129 103.9 79.6 119.4
131 94.9 76.0 114.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058197.D

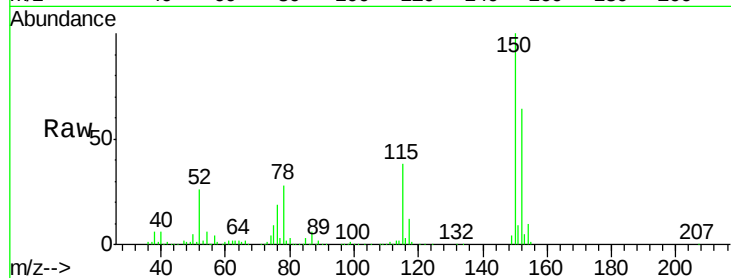
Acq: 19 Sep 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

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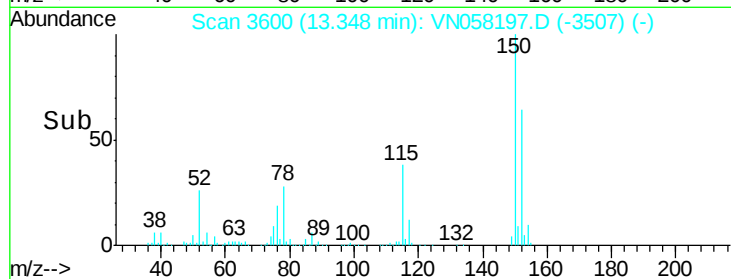
Tot Ion:152 Resp: 292573

Ion Ratio Lower Upper

152 100

115 60.2 30.1 90.3

150 157.8 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

