

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005316.D
 Acq On : 13 Oct 2018 02:17
 Operator : JC/MD
 Sample : J5393-11DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-640FT-20181009DL

Quant Time: Oct 13 05:19:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

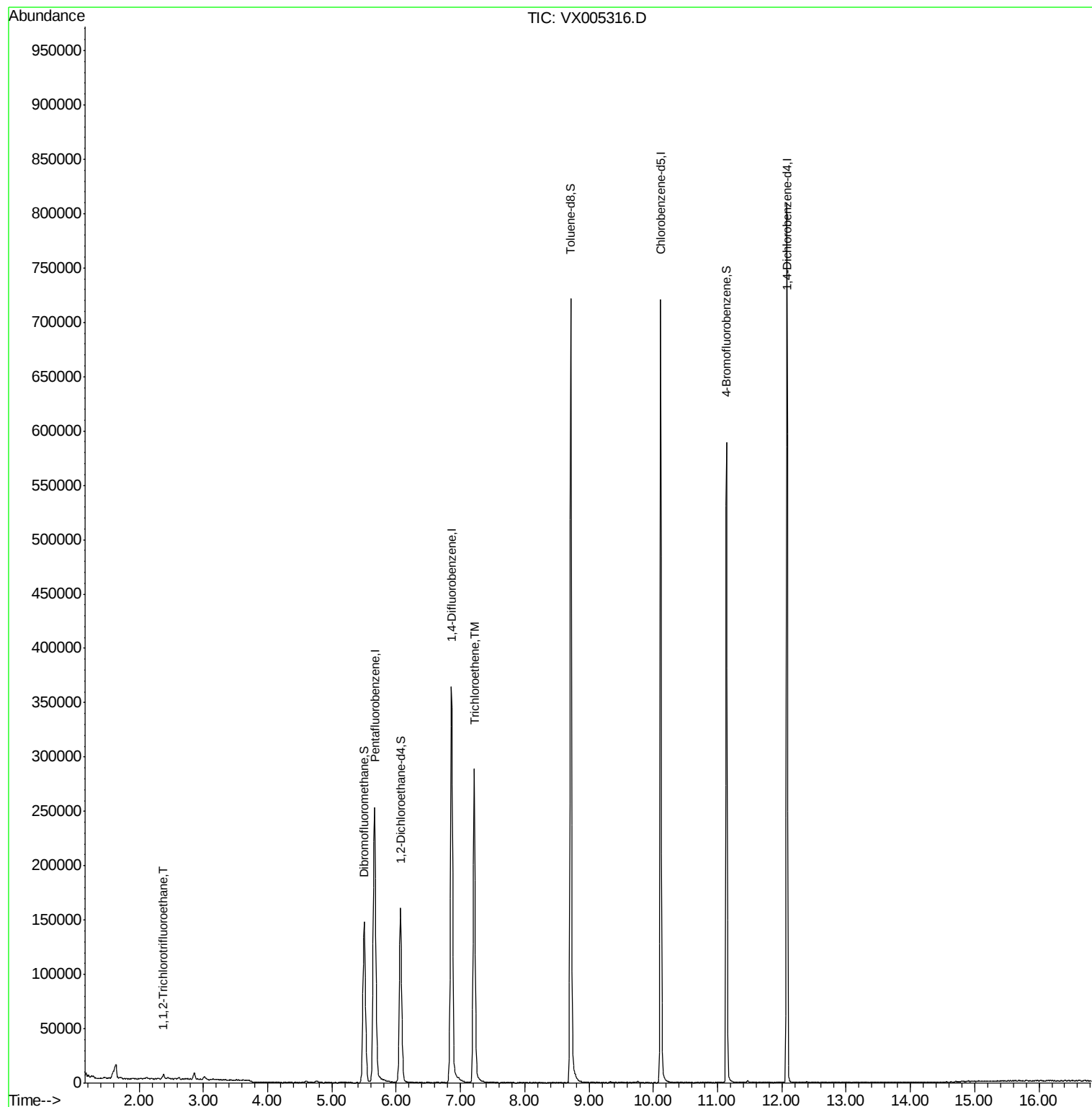
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	380360	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	153709	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
35) Dibromofluoromethane	5.50	113	122933	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
50) Toluene-d8	8.71	98	460112	53.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.40%	
62) 4-Bromofluorobenzene	11.14	95	148589	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1622	0.68	ug/l	95
44) Trichloroethene	7.21	130	118346	41.84	ug/l	94

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

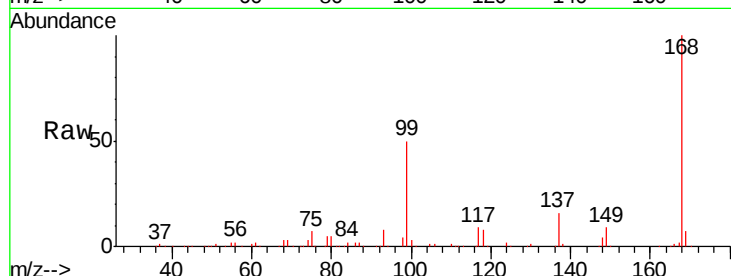
RE137-640FT-20181009DL

Tgt Ion:168 Resp: 268260

Ion Ratio Lower Upper

168 100

99 49.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

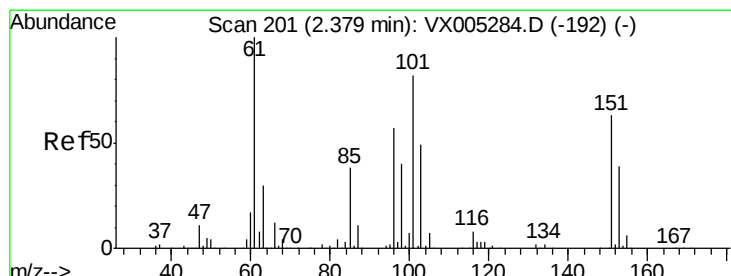
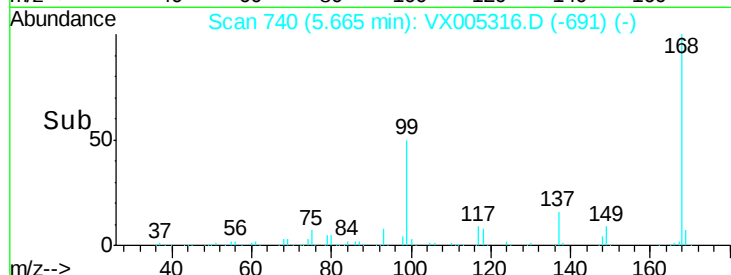
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.68 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005316.D

Acq: 13 Oct 2018 02:17

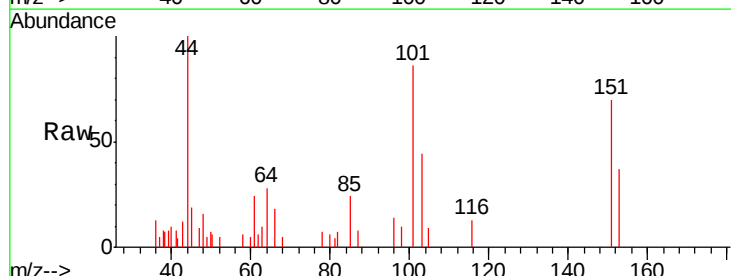
Tgt Ion:101 Resp: 1622

Ion Ratio Lower Upper

101 100

85 48.9 34.2 51.4

151 78.4 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.39

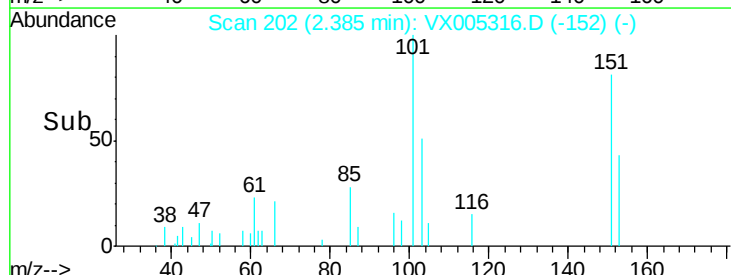
1000

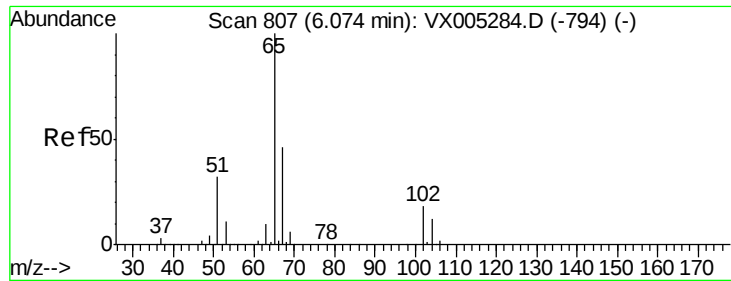
500

0

Time-->

2.30 2.35 2.40 2.45





#33

1,2-Dichloroethane-d4

Concen: 51.63 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005316.D

Acq: 13 Oct 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

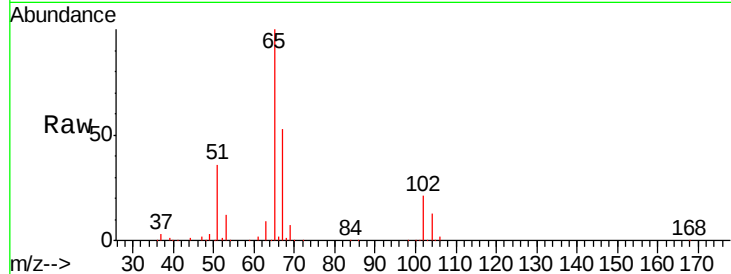
RE137-640FT-20181009DL

Tgt Ion: 65 Resp: 153709

Ion Ratio Lower Upper

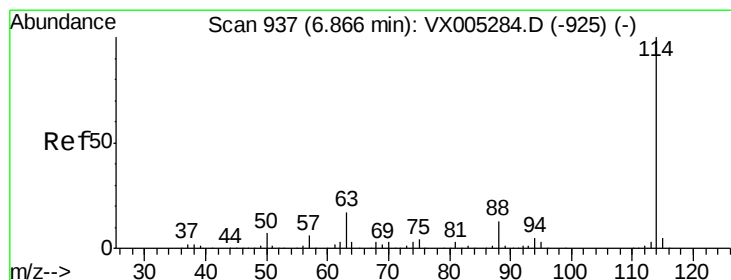
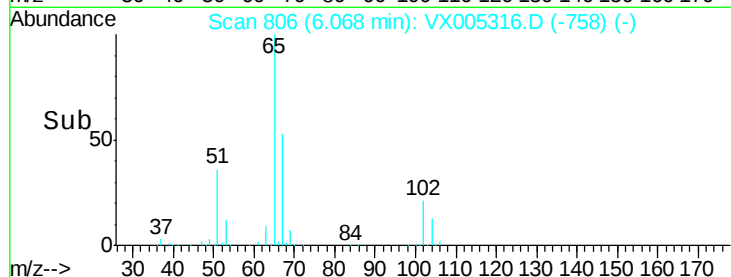
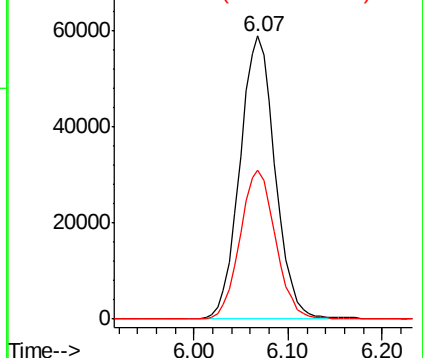
65 100

67 53.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005316.D

Acq: 13 Oct 2018 02:17

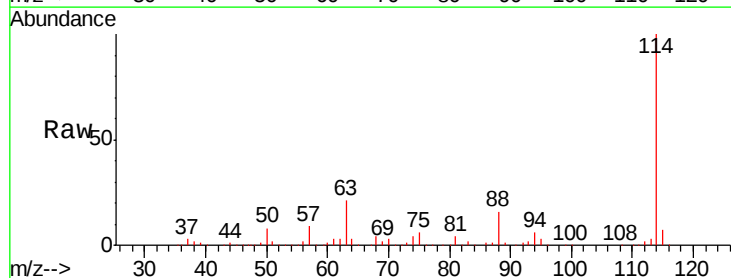
Tgt Ion: 114 Resp: 380360

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.0

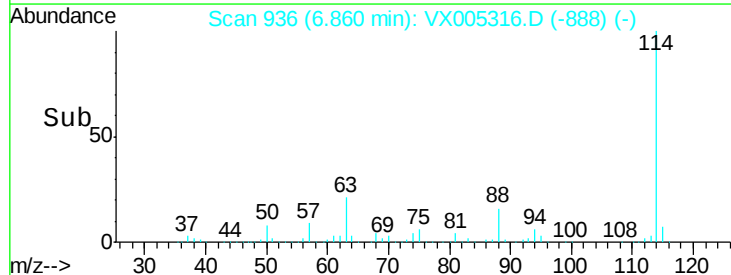
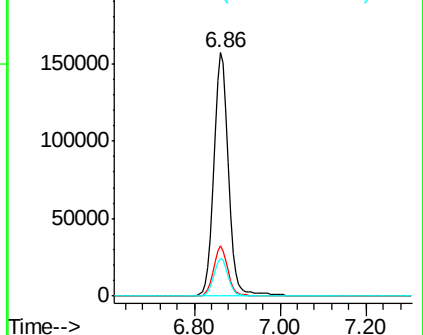
88 15.5 0.0 30.4

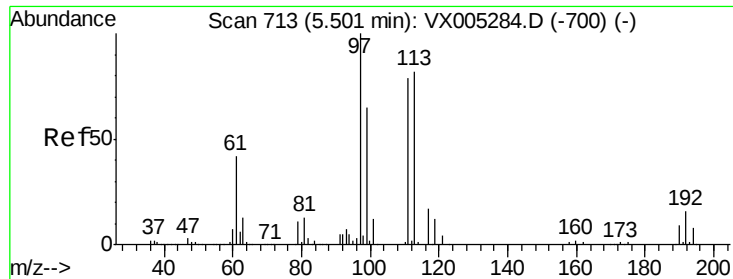


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

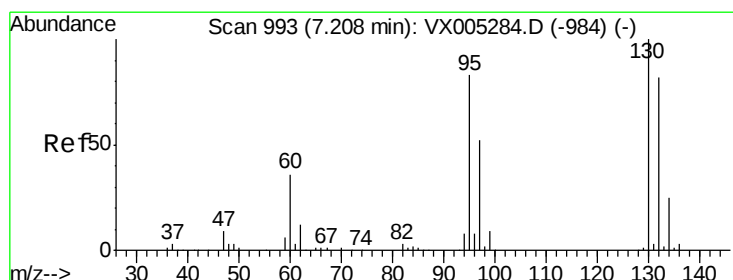
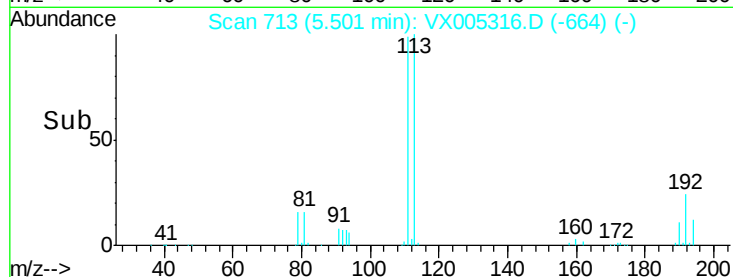
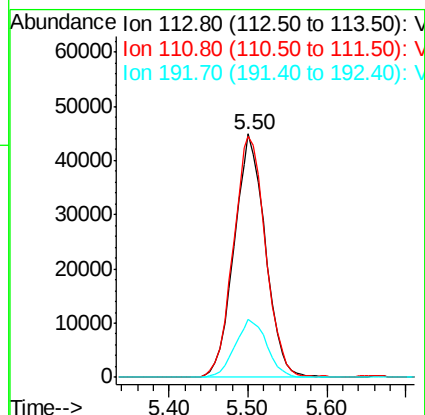
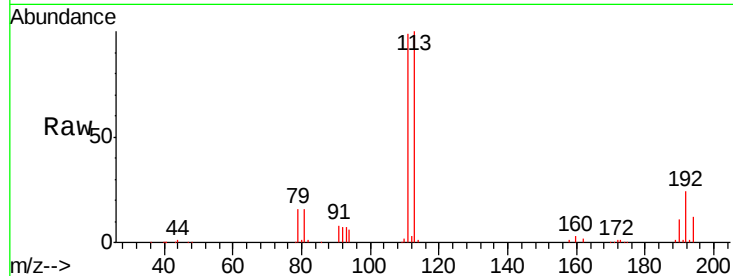




#35
 Dibromofluoromethane
 Concen: 48.80 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005316.D
 Acq: 13 Oct 2018 02:17

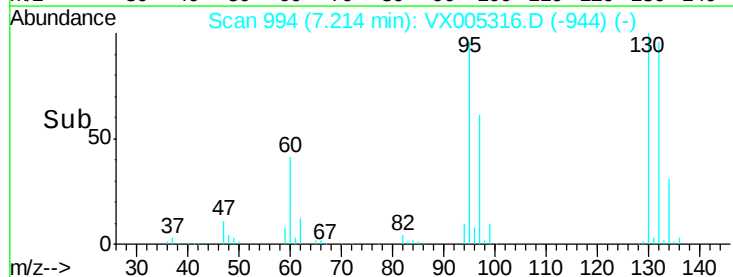
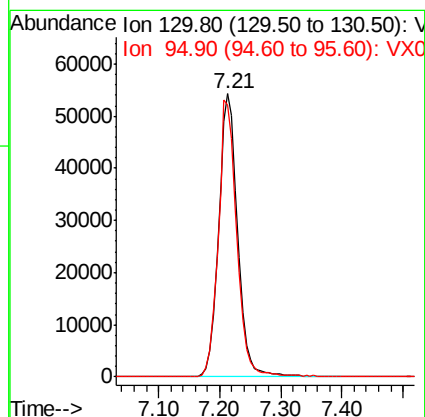
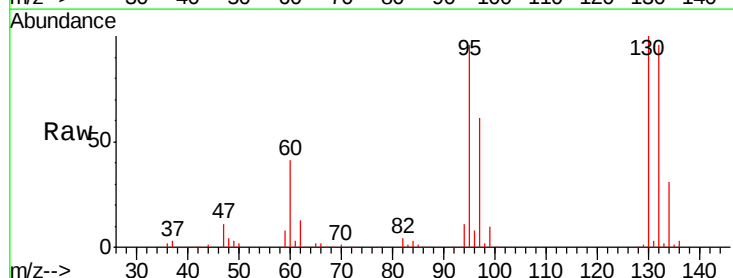
Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-640FT-20181009DL

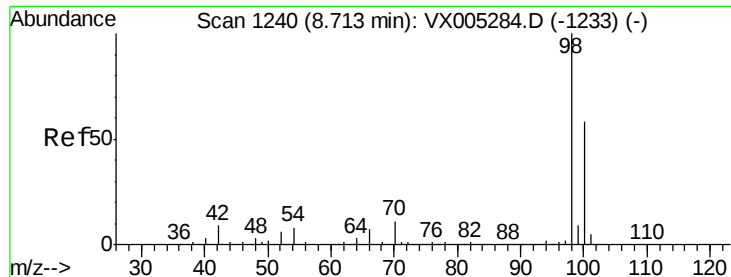
Tgt Ion:113 Resp: 122933
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.4 123.6
 192 24.3 19.4 29.2



#44
 Trichloroethene
 Concen: 41.84 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX005316.D
 Acq: 13 Oct 2018 02:17

Tgt Ion:130 Resp: 118346
 Ion Ratio Lower Upper
 130 100
 95 96.2 0.0 181.6





#50

Toluene-d8

Concen: 53.20 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005316.D

Acq: 13 Oct 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

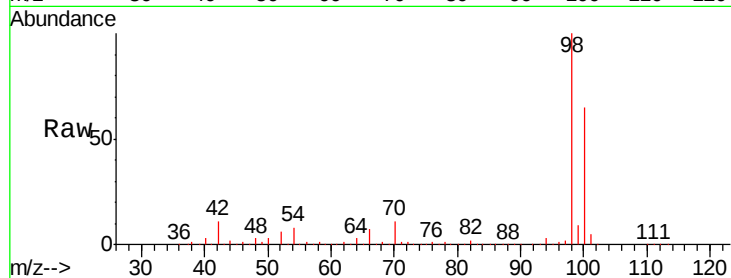
RE137-640FT-20181009DL

Tgt Ion: 98 Resp: 460112

Ion Ratio Lower Upper

98 100

100 63.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

250000

200000

150000

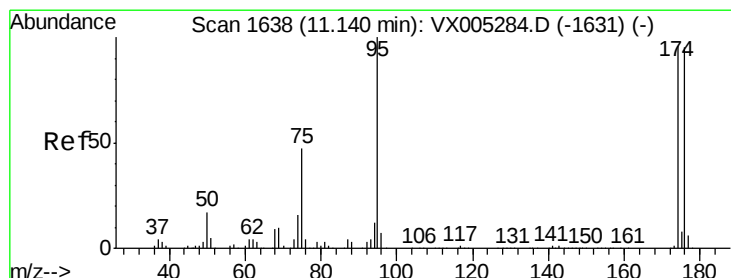
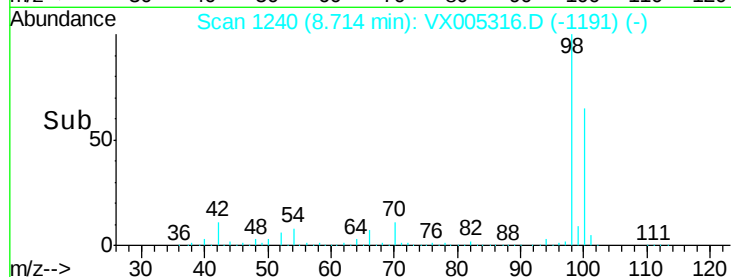
100000

50000

0

8.60 8.80 9.00

Time-->



#62

4-Bromofluorobenzene

Concen: 45.73 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005316.D

Acq: 13 Oct 2018 02:17

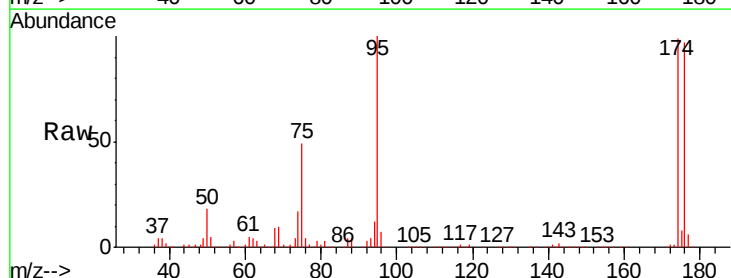
Tgt Ion: 95 Resp: 148589

Ion Ratio Lower Upper

95 100

174 96.2 0.0 185.2

176 92.6 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

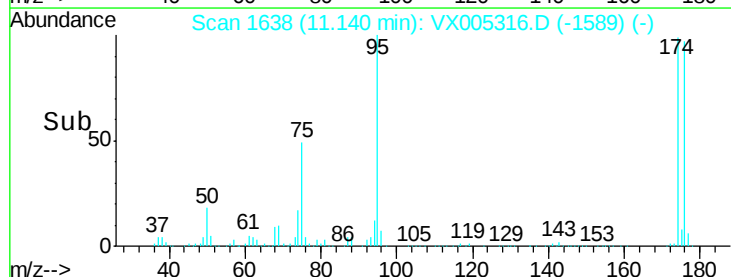
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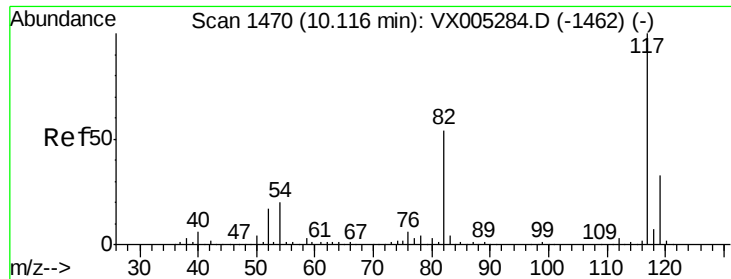
50000

0

11.10 11.20 11.30

Time-->

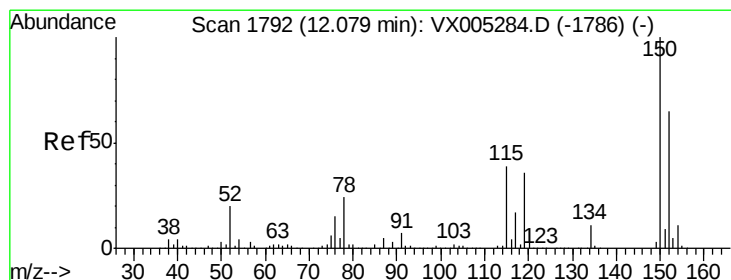
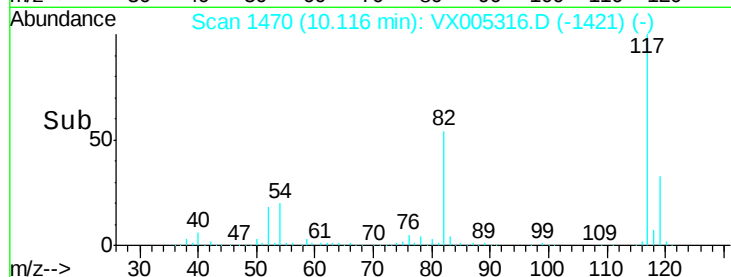
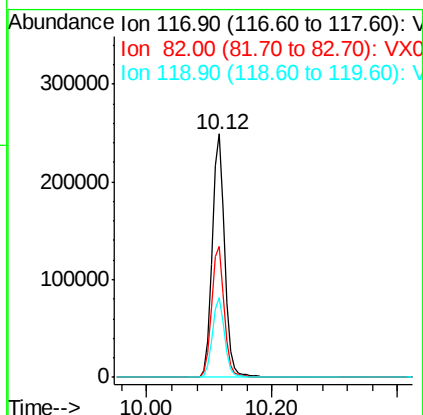
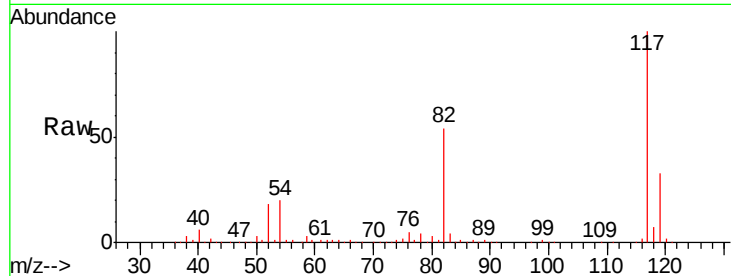




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005316.D
Acq: 13 Oct 2018 02:17

Instrument :
MSVOA_X
ClientSampleId :
RE137-640FT-20181009DL

Tgt Ion:117 Resp: 341865
Ion Ratio Lower Upper
117 100
82 53.6 47.8 71.6
119 32.6 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005316.D
Acq: 13 Oct 2018 02:17

Tgt Ion:152 Resp: 165830
Ion Ratio Lower Upper
152 100
115 55.1 39.0 117.0
150 156.9 0.0 351.0

