

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005318.D
 Acq On : 13 Oct 2018 03:11
 Operator : JC/MD
 Sample : J5393-09DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-137-745FT-2018109DL

Quant Time: Oct 13 05:25:05 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	5.68	168	275921	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	373114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161982	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	156582	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
35) Dibromofluoromethane	5.50	113	120154	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
50) Toluene-d8	8.71	98	449163	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
62) 4-Bromofluorobenzene	11.14	95	146128	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	

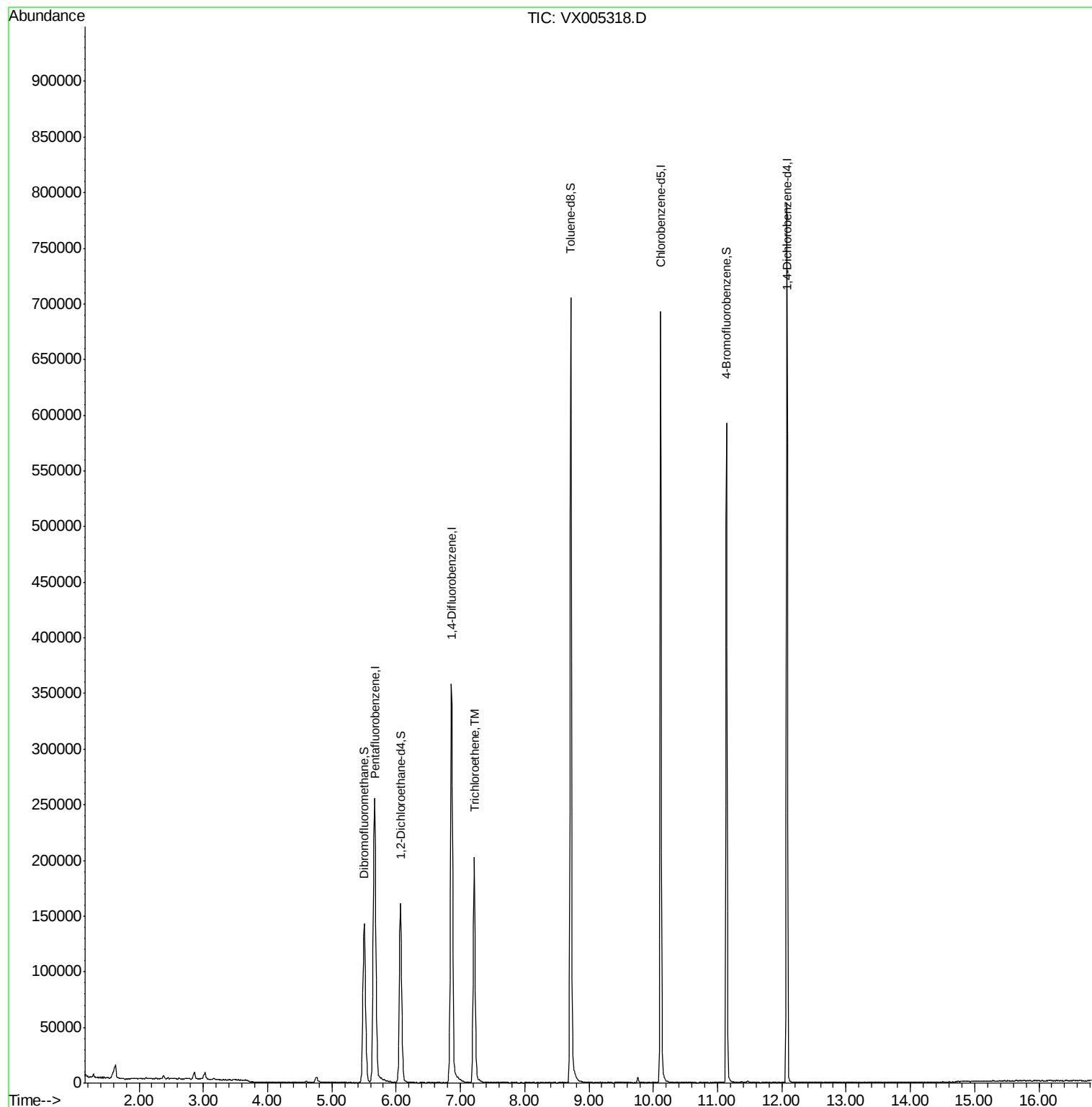
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Trichloroethene	7.21	130	81516	29.19	ug/l	94

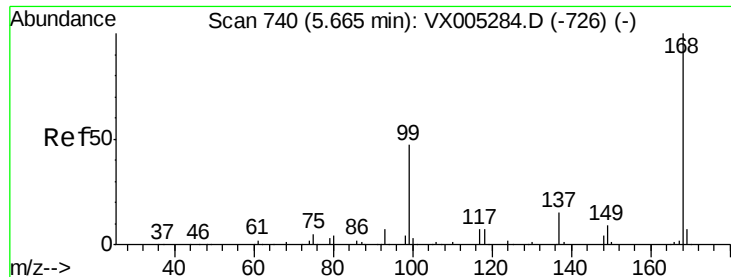
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 742

Delta R.T. 0.01 min

Lab File: VX005318.D

Acq: 13 Oct 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

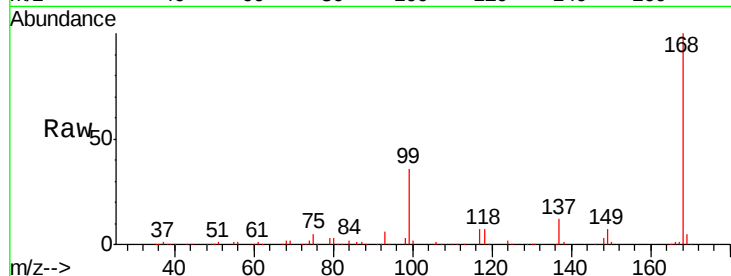
RE-137-745FT-2018109DL

Tgt Ion:168 Resp: 275921

Ion Ratio Lower Upper

168 100

99 35.6 39.9 59.9#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

100000

80000

60000

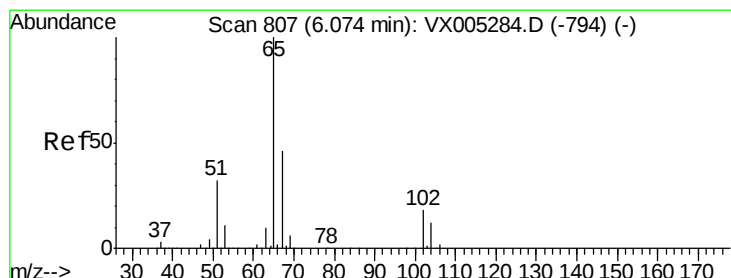
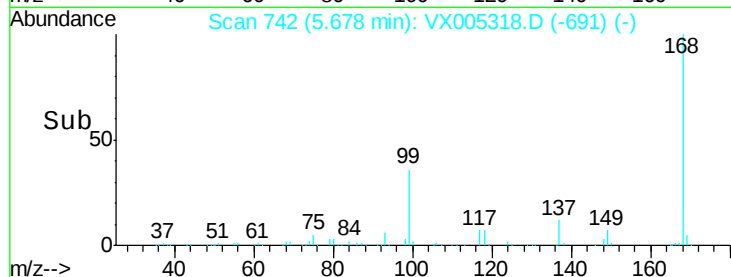
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.13 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005318.D

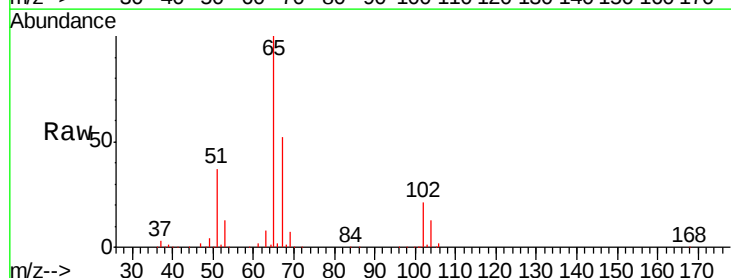
Acq: 13 Oct 2018 03:11

Tgt Ion: 65 Resp: 156582

Ion Ratio Lower Upper

65 100

67 55.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

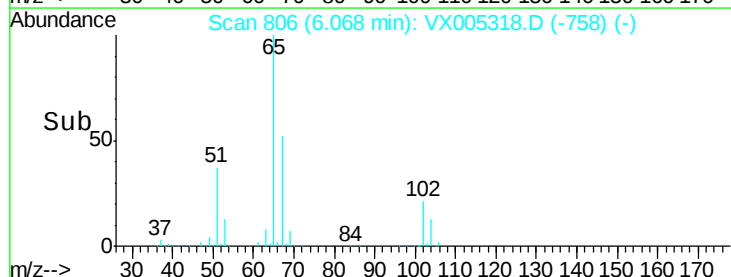
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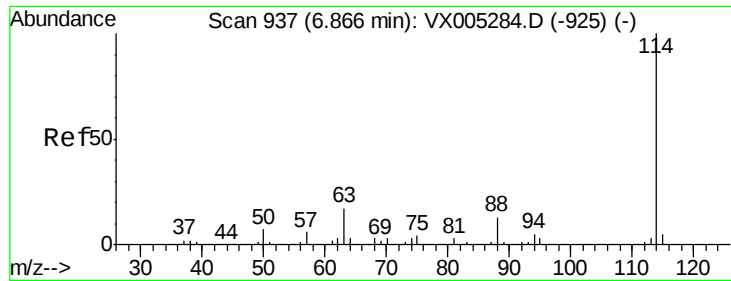
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005318.D

Acq: 13 Oct 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

RE-137-745FT-2018109DL

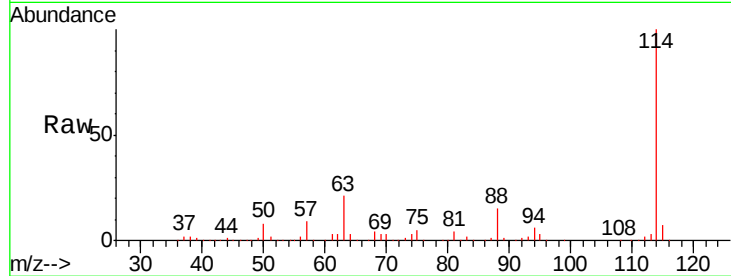
Tgt Ion:114 Resp: 373114

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.0

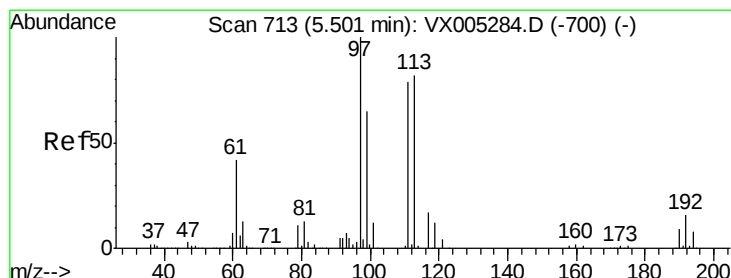
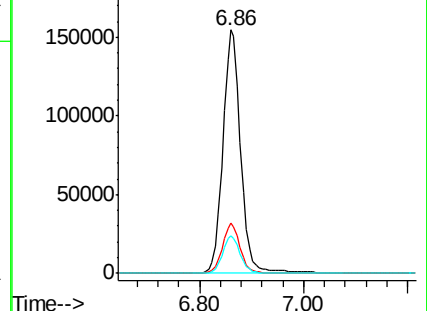
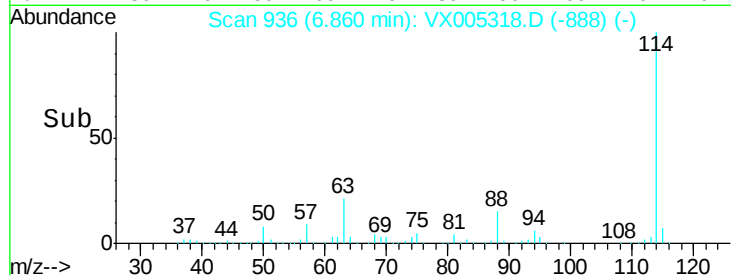
88 15.5 0.0 30.4



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: 48.62 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005318.D

Acq: 13 Oct 2018 03:11

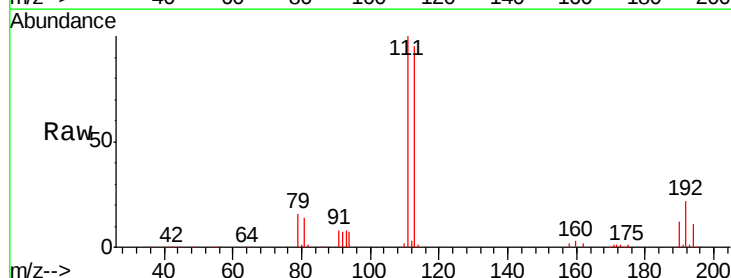
Tgt Ion:113 Resp: 120154

Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

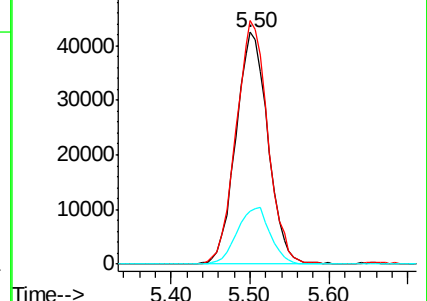
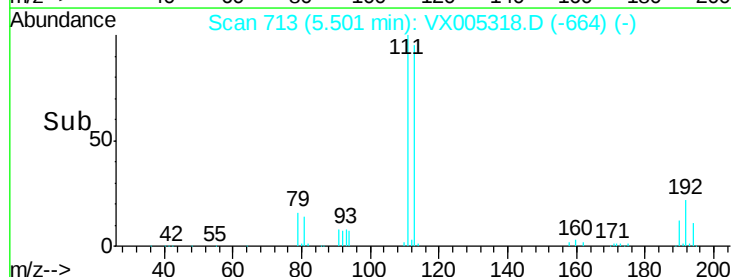
192 25.0 19.4 29.2

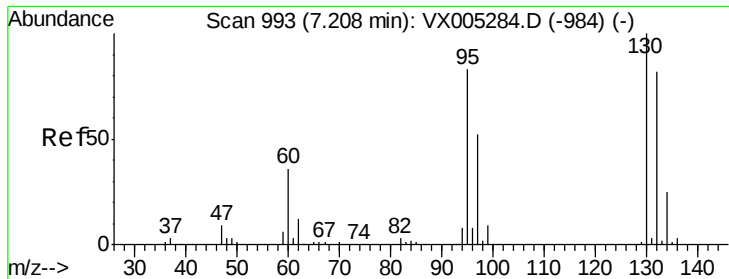


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 29.19 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005318.D

Acq: 13 Oct 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

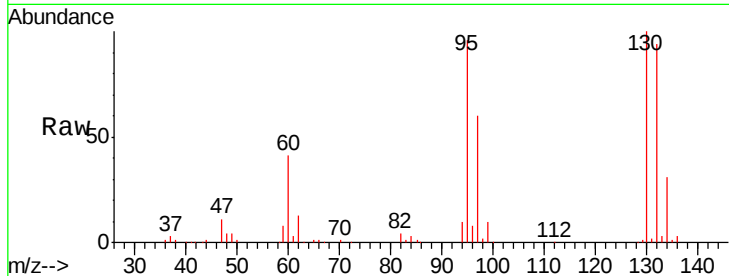
RE-137-745FT-2018109DL

Tgt Ion:130 Resp: 81516

Ion Ratio Lower Upper

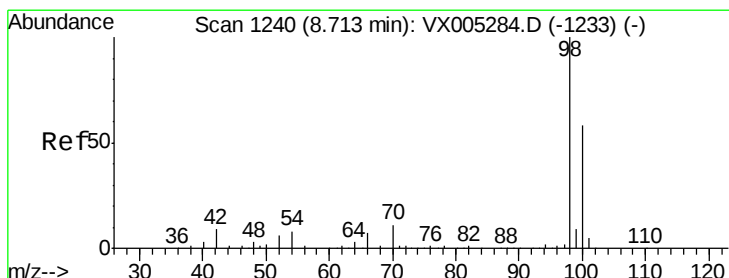
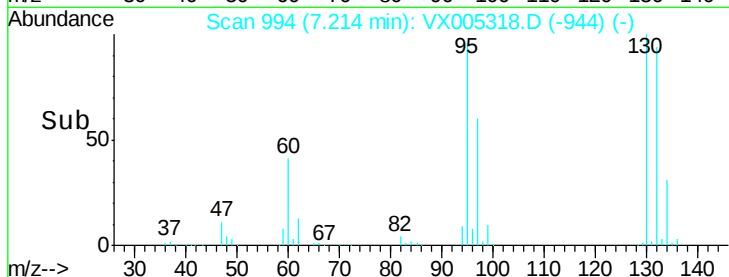
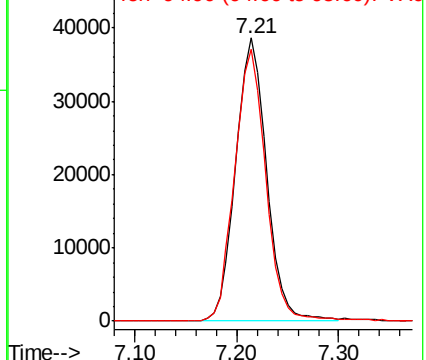
130 100

95 96.0 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 52.94 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005318.D

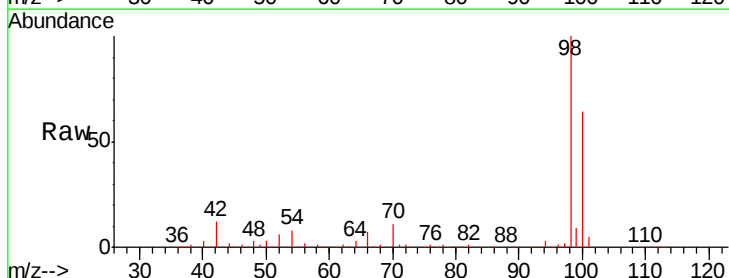
Acq: 13 Oct 2018 03:11

Tgt Ion: 98 Resp: 449163

Ion Ratio Lower Upper

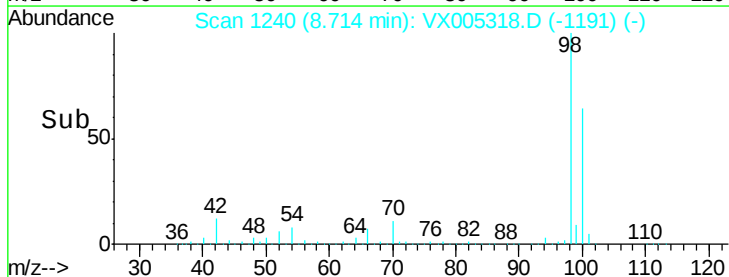
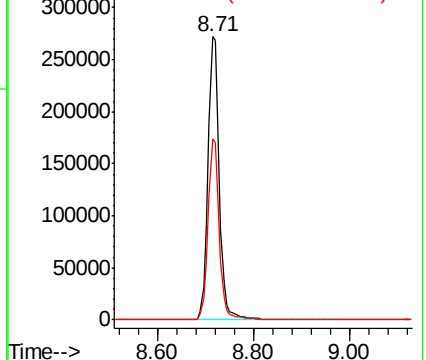
98 100

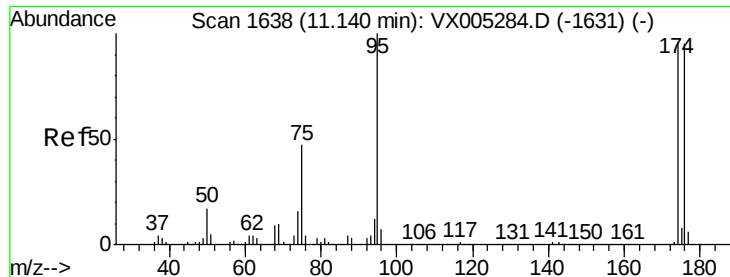
100 63.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

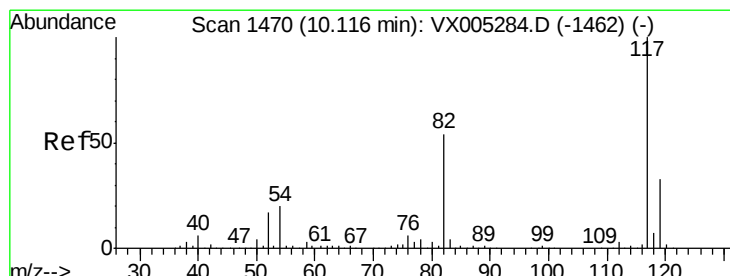
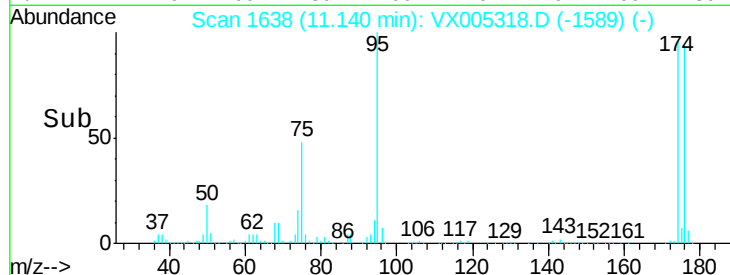
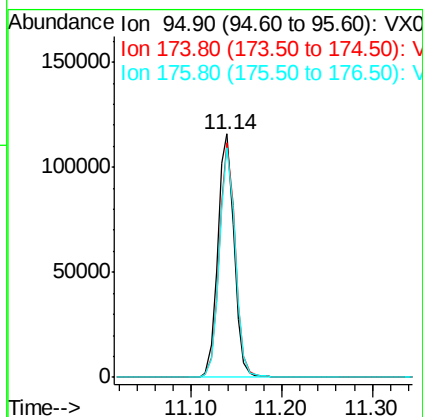
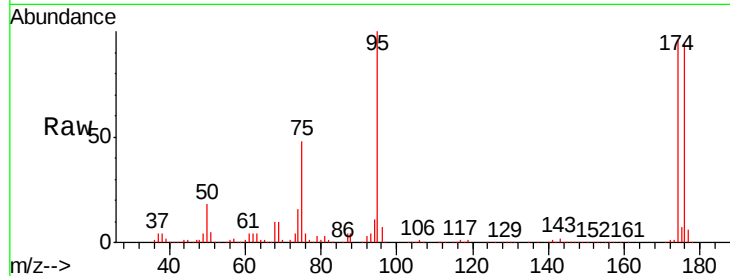




#62
4-Bromofluorobenzene
Concen: 45.85 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005318.D
Acq: 13 Oct 2018 03:11

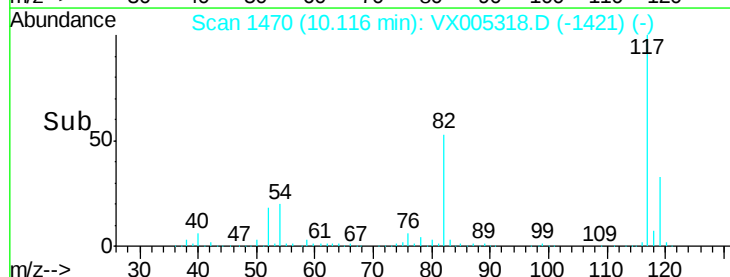
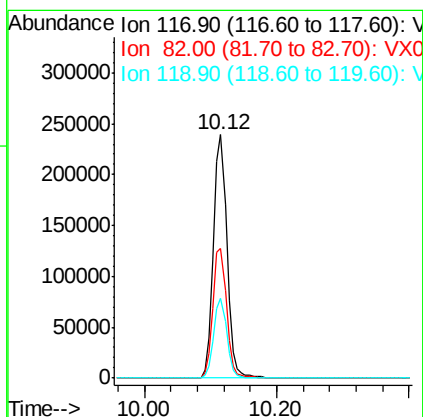
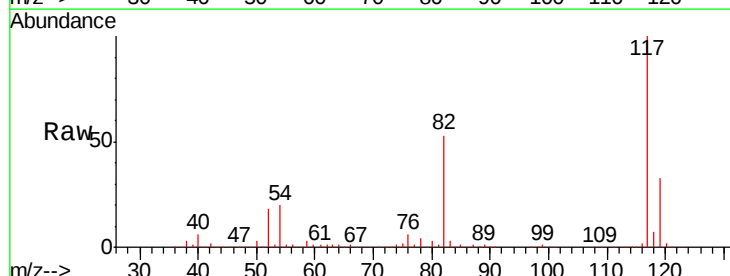
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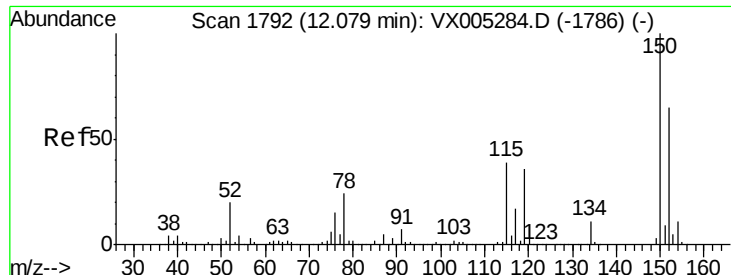
Tgt Ion: 95 Resp: 146128
Ion Ratio Lower Upper
95 100
174 94.4 0.0 185.2
176 91.9 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005318.D
Acq: 13 Oct 2018 03:11

Tgt Ion: 117 Resp: 336245
Ion Ratio Lower Upper
117 100
82 53.2 47.8 71.6
119 32.8 29.3 43.9

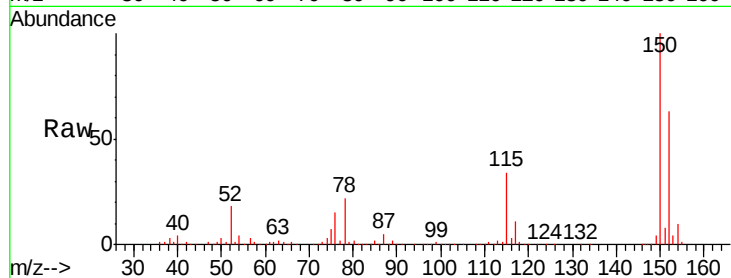




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX005318.D
 Acq: 13 Oct 2018 03:11

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-137-745FT-2018109DL

Tgt Ion:152 Resp: 161982
 Ion Ratio Lower Upper
 152 100
 115 54.7 39.0 117.0
 150 157.0 0.0 351.0



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

