

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101118\
 Data File : VX005273.D
 Acq On : 12 Oct 2018 00:01
 Operator : JC/MD
 Sample : J5393-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-640FT-20181009

Quant Time: Oct 12 13:21:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	203840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	268747	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	272468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158196	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	151949	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
35) Dibromofluoromethane	5.51	113	129079	56.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.34%	
50) Toluene-d8	8.72	98	394543	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
62) 4-Bromofluorobenzene	11.14	95	143376	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	

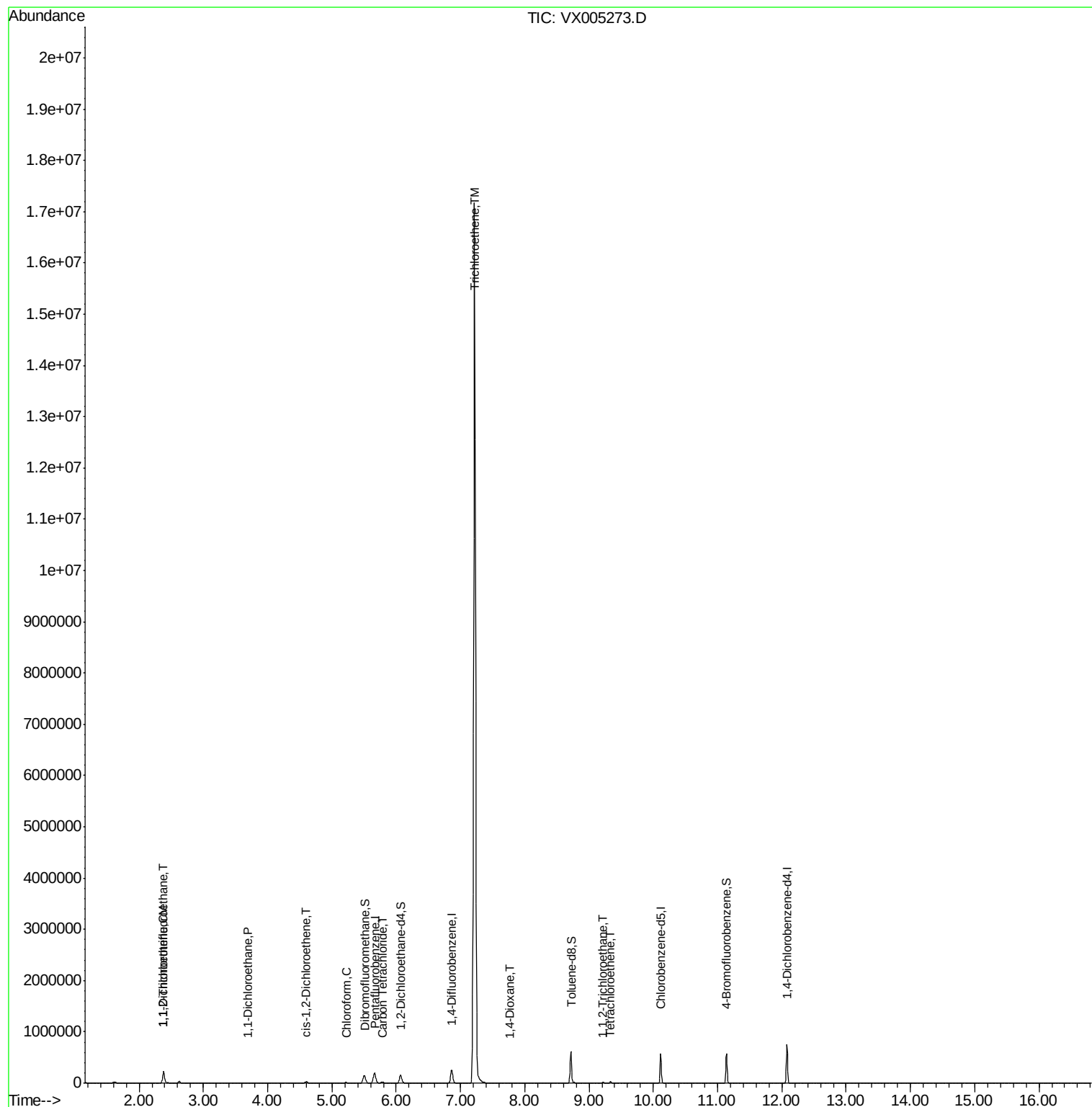
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75078	33.66	ug/l	96
12) 1,1-Dichloroethene	2.37	96	20671	9.36	ug/l	93
24) 1,1-Dichloroethane	3.69	63	8283	1.71	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	17435	6.46	ug/l	92
30) Chloroform	5.22	83	12943	2.83	ug/l	91
38) Carbon Tetrachloride	5.79	117	16824	5.15	ug/l #	95
44) Trichloroethene	7.22	130	6782847	2836.04	ug/l	97
49) 1,4-Dioxane	7.76	88	1224	18.23	ug/l #	82
55) 1,1,2-Trichloroethane	9.21	97	4202	1.79	ug/l	94
64) Tetrachloroethene	9.34	164	6165	2.30	ug/l	91

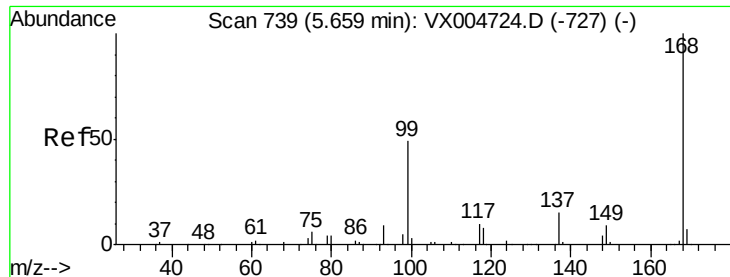
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101118\
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QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

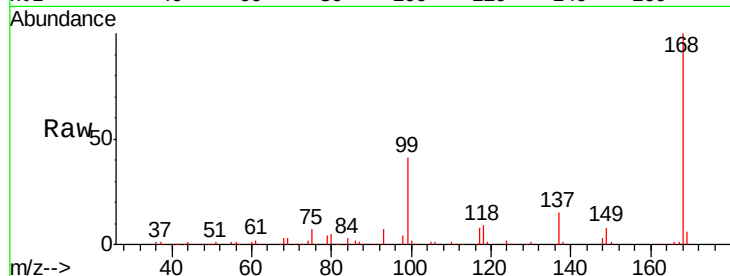
RE137-640FT-20181009

Tgt Ion:168 Resp: 203840

Ion Ratio Lower Upper

168 100

99 41.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

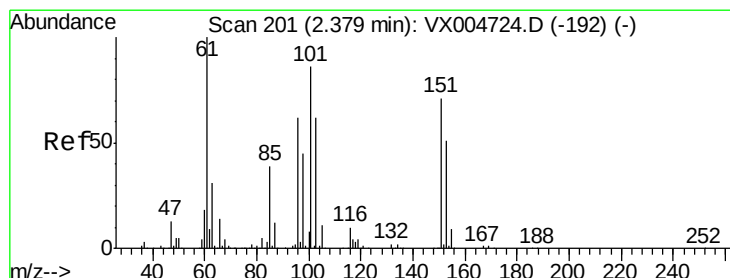
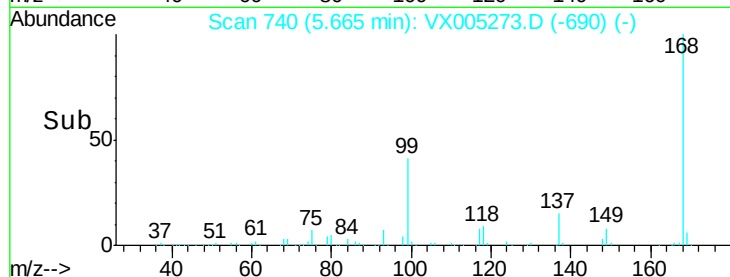
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#9

1,1,2-Trichlorotrifluoroethane

Concen: 33.66 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

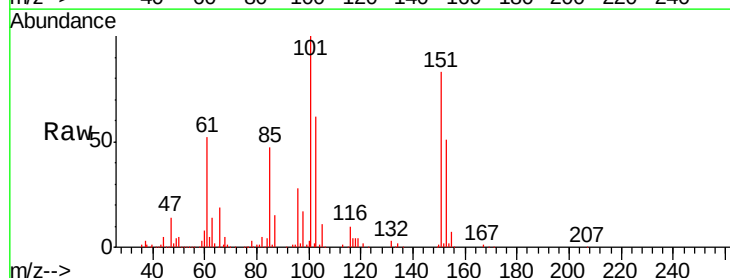
Tgt Ion:101 Resp: 75078

Ion Ratio Lower Upper

101 100

85 43.5 35.9 53.9

151 79.2 66.6 100.0



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

2.38

50000

40000

30000

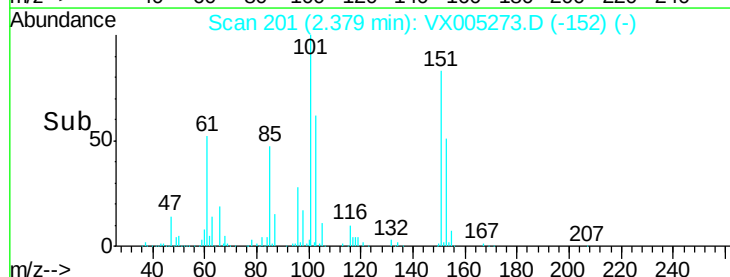
20000

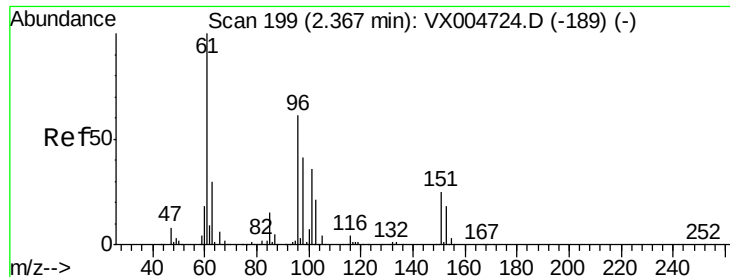
10000

0

Time-->

2.30 2.40 2.50

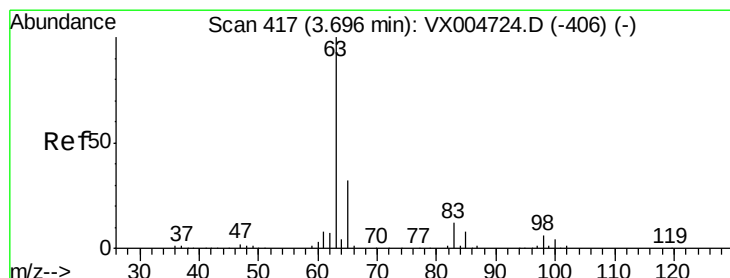
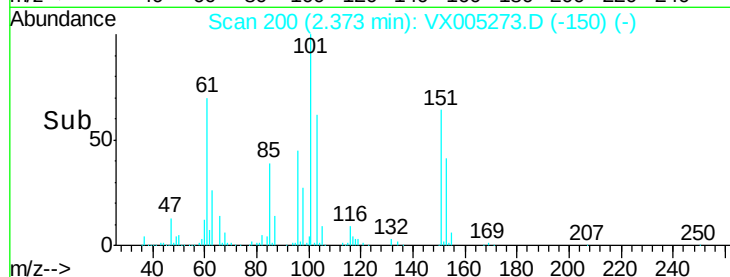
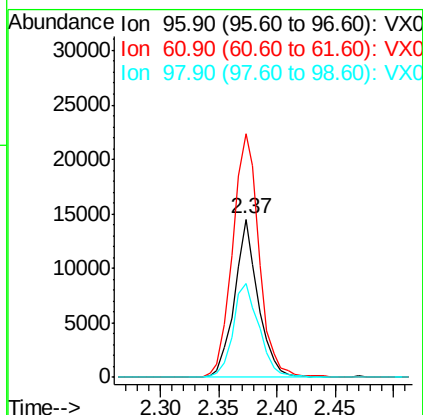
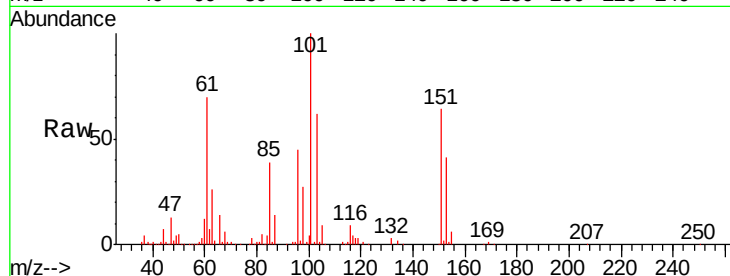




#12
 1,1-Dichloroethene
 Concen: 9.36 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX005273.D
 Acq: 12 Oct 2018 00:01

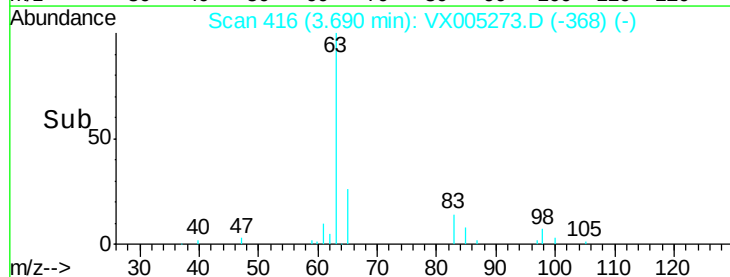
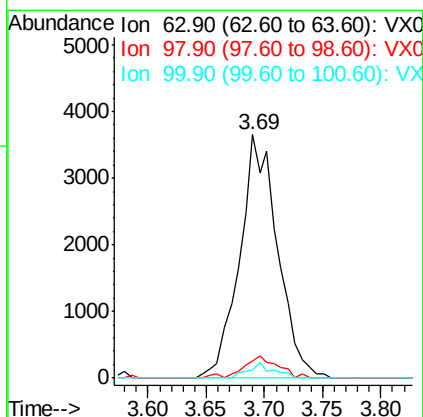
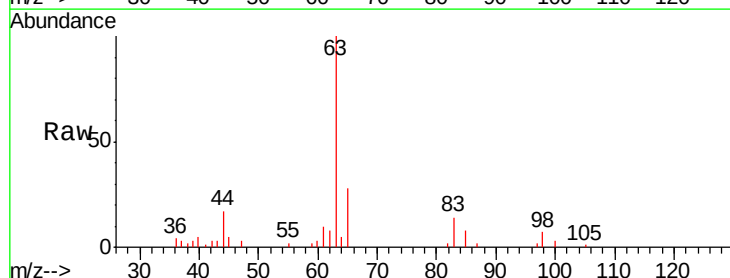
Instrument :
 MSVOA_X
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 RE137-640FT-20181009

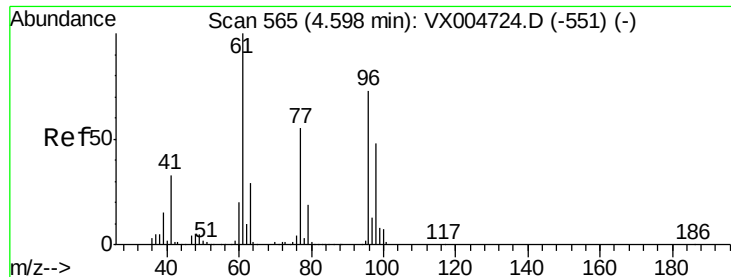
Tgt Ion: 96 Resp: 20671
 Ion Ratio Lower Upper
 96 100
 61 154.3 130.2 195.4
 98 59.8 53.4 80.0



#24
 1,1-Dichloroethane
 Concen: 1.71 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: VX005273.D
 Acq: 12 Oct 2018 00:01

Tgt Ion: 63 Resp: 8283
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.0 9.2
 100 3.1 2.0 5.8





#27

cis-1,2-Dichloroethene

Concen: 6.46 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

RE137-640FT-20181009

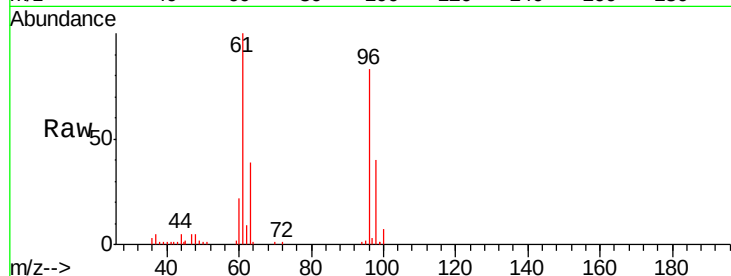
Tgt Ion: 96 Resp: 17435

Ion Ratio Lower Upper

96 100

61 132.6 0.0 285.8

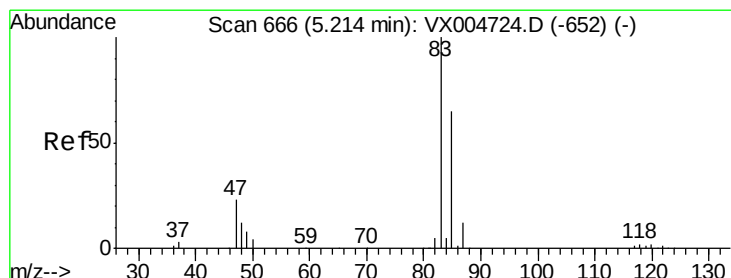
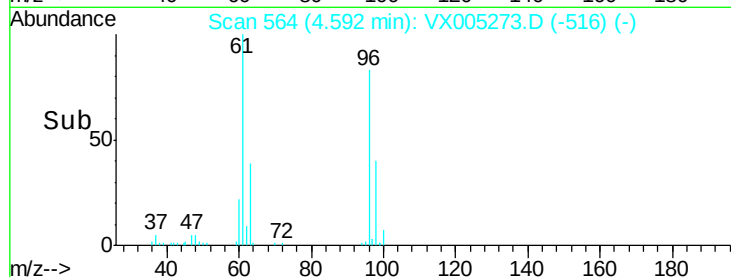
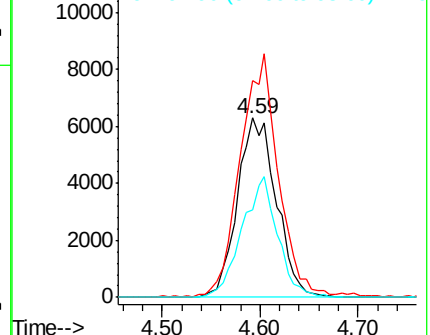
98 61.4 0.0 136.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#30

Chloroform

Concen: 2.83 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX005273.D

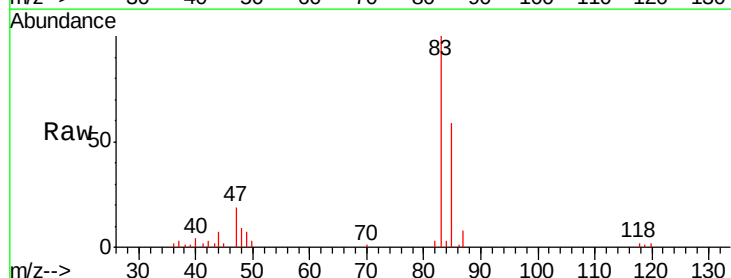
Acq: 12 Oct 2018 00:01

Tgt Ion: 83 Resp: 12943

Ion Ratio Lower Upper

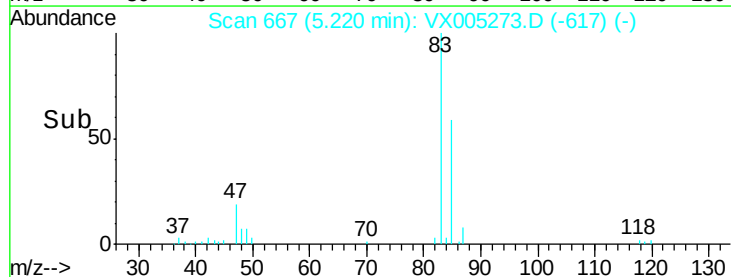
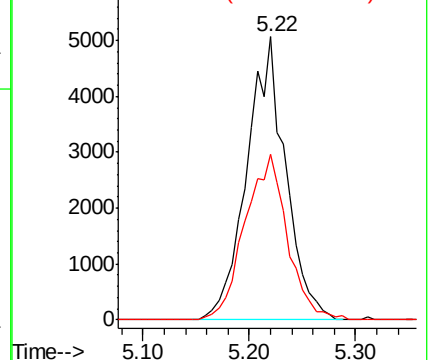
83 100

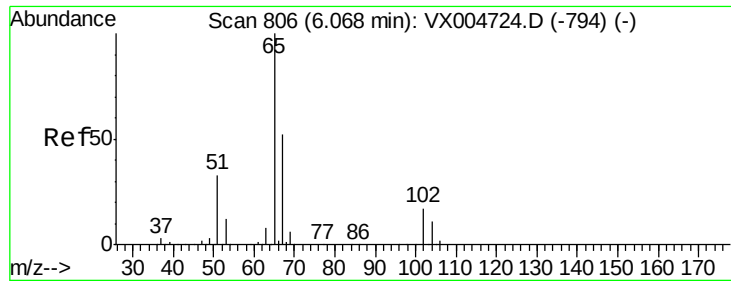
85 58.6 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

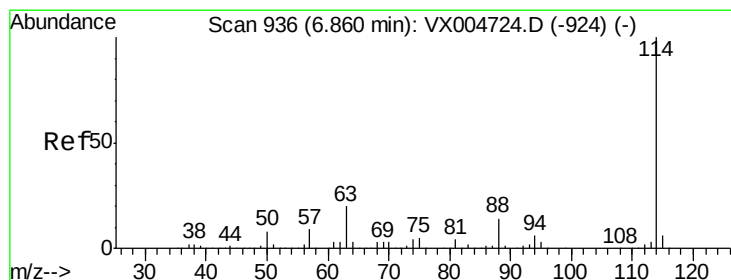
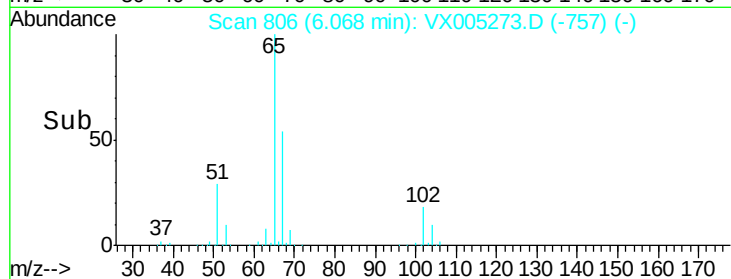
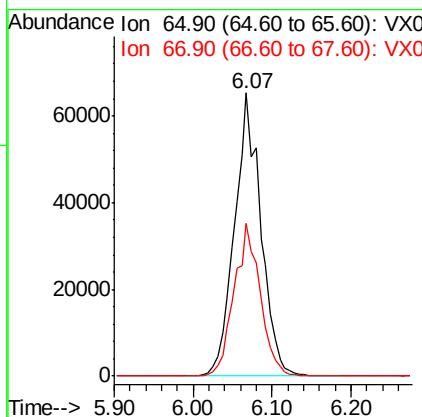
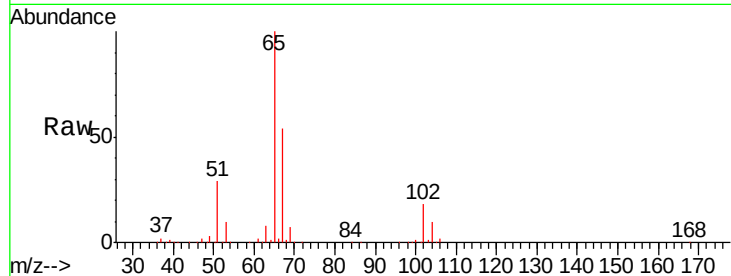




#33
 1,2-Dichloroethane-d4
 Concen: 52.18 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005273.D
 Acq: 12 Oct 2018 00:01

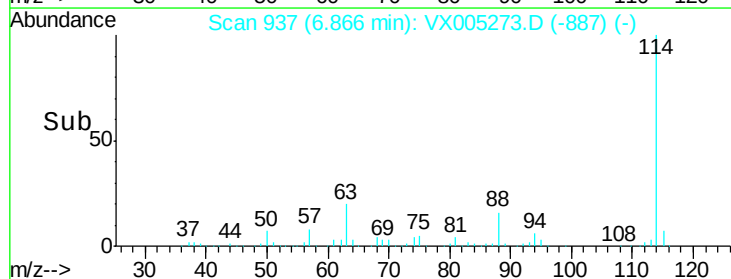
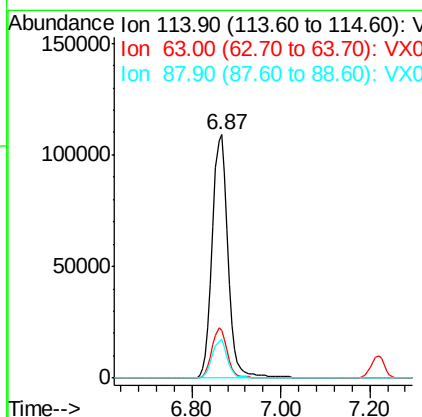
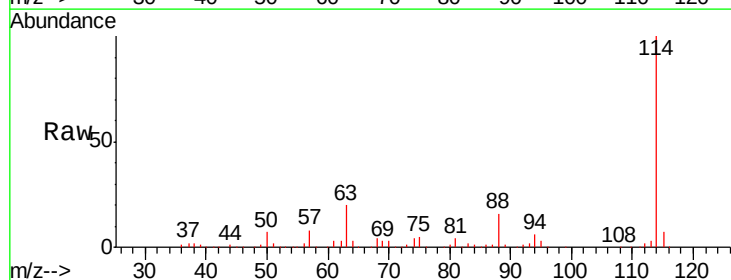
Instrument :
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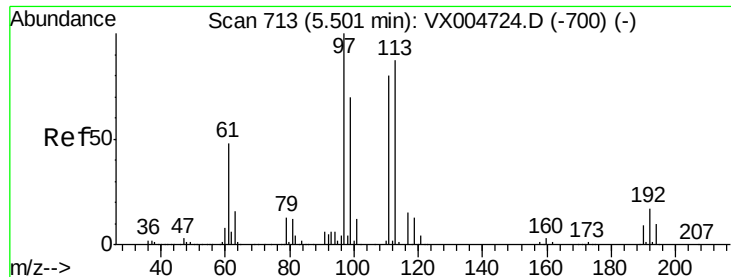
Tgt Ion: 65 Resp: 151949
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005273.D
 Acq: 12 Oct 2018 00:01

Tgt Ion: 114 Resp: 268747
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 16.0 0.0 27.0





#35

Dibromofluoromethane

Concen: 56.67 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

RE137-640FT-20181009

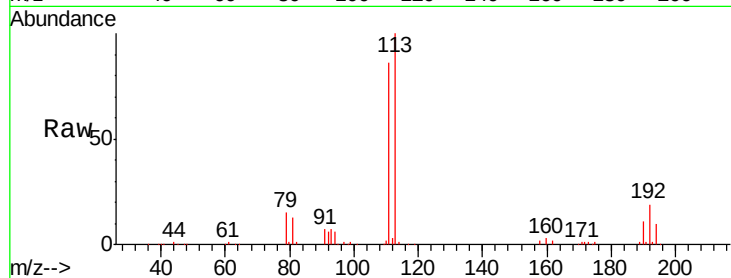
Tgt Ion:113 Resp: 129079

Ion Ratio Lower Upper

113 100

111 100.1 77.0 115.4

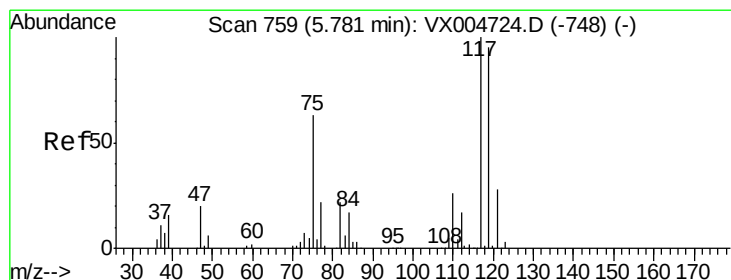
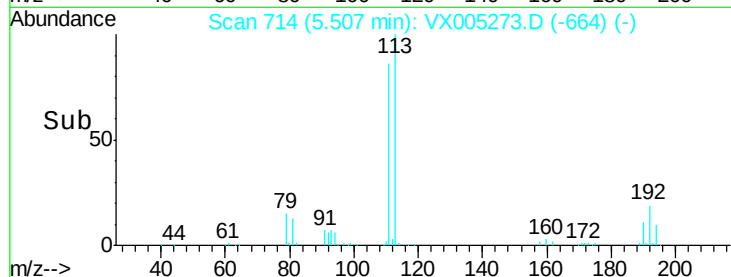
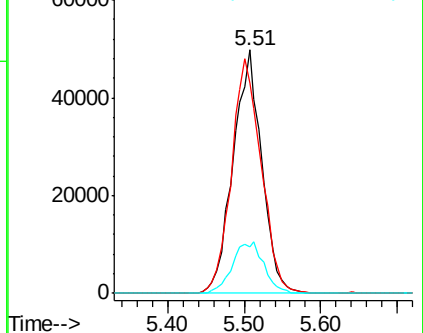
192 23.1 17.0 25.6



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



#38

Carbon Tetrachloride

Concen: 5.15 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

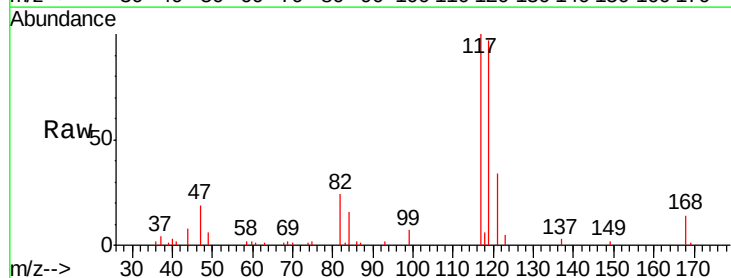
Tgt Ion:117 Resp: 16824

Ion Ratio Lower Upper

117 100

119 97.4 75.2 112.8

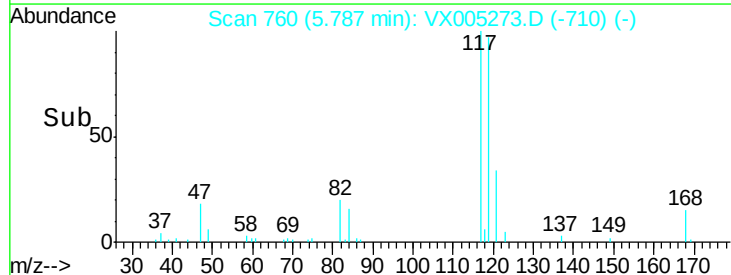
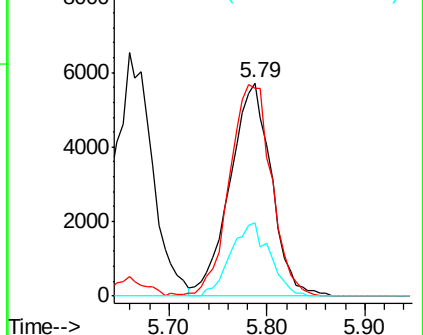
121 34.2 22.5 33.7#

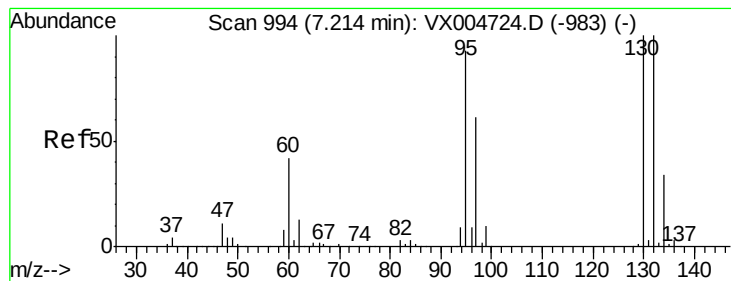


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 2836.04 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

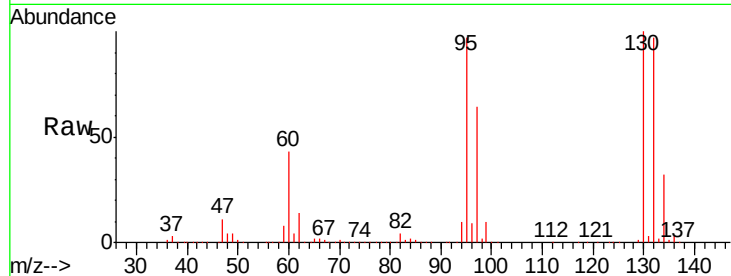
RE137-640FT-20181009

Tgt Ion:130 Resp: 6782847

Ion Ratio Lower Upper

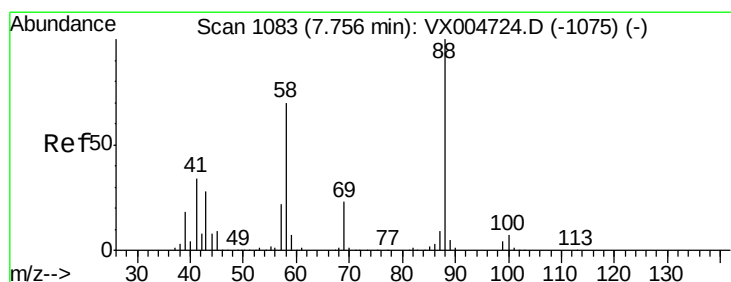
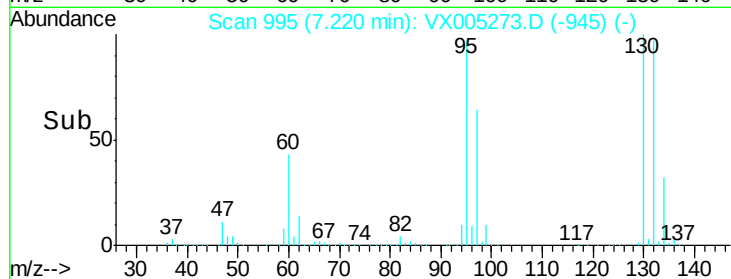
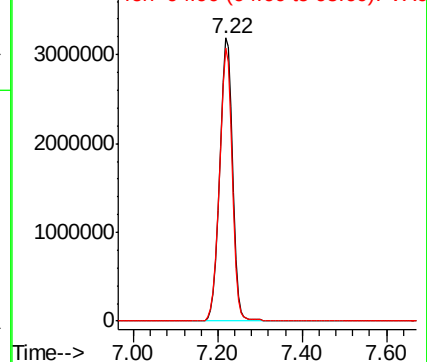
130 100

95 96.7 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 18.23 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

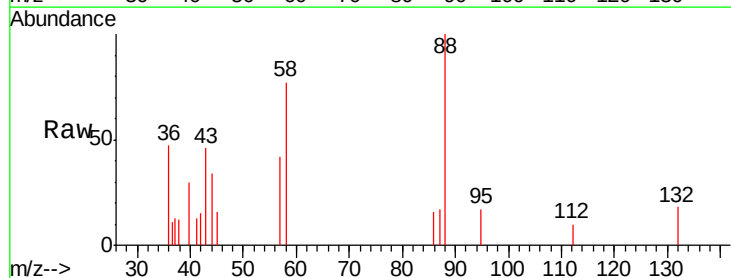
Tgt Ion: 88 Resp: 1224

Ion Ratio Lower Upper

88 100

43 46.3 25.1 37.7#

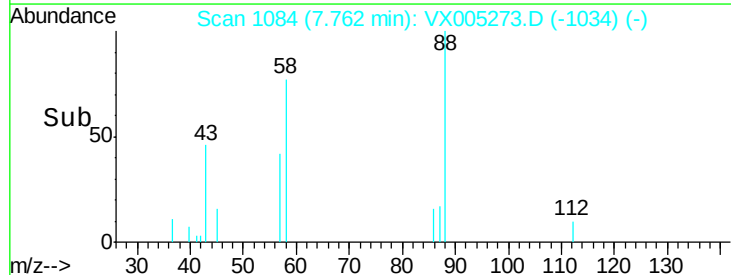
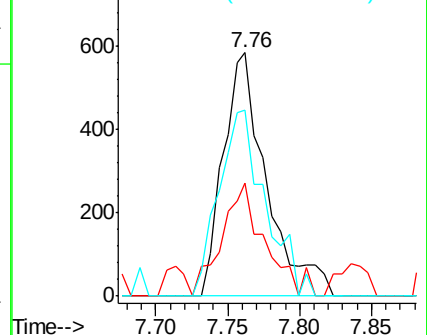
58 81.8 56.2 84.2

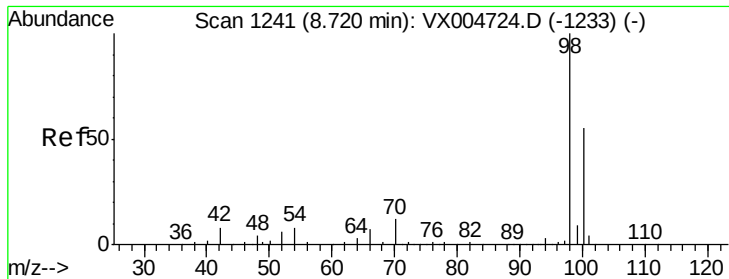


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

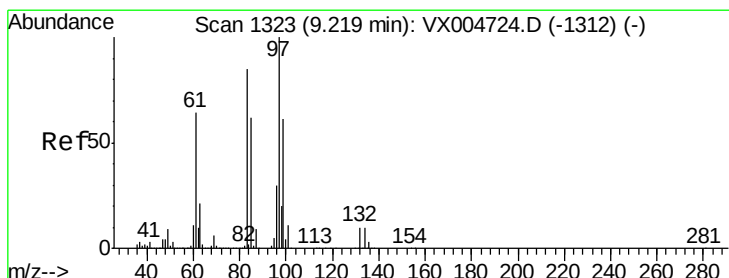
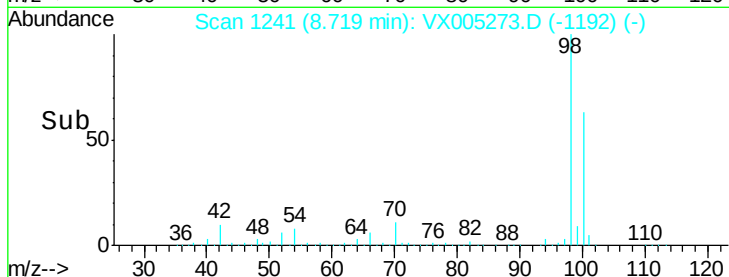
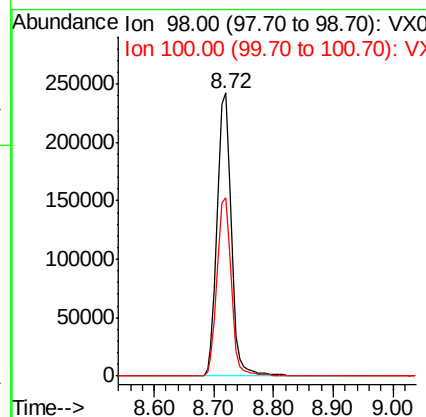
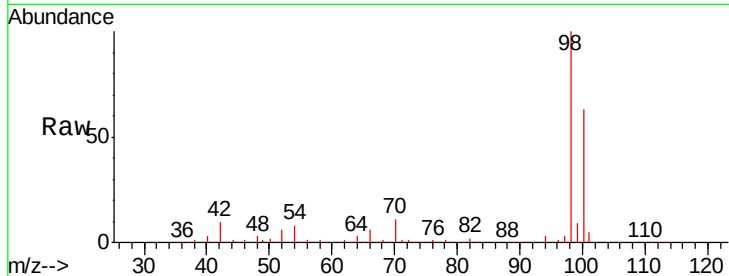




#50
Toluene-d8
Concen: 52.10 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005273.D
Acq: 12 Oct 2018 00:01

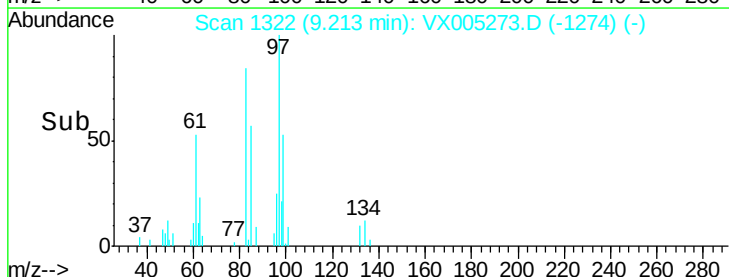
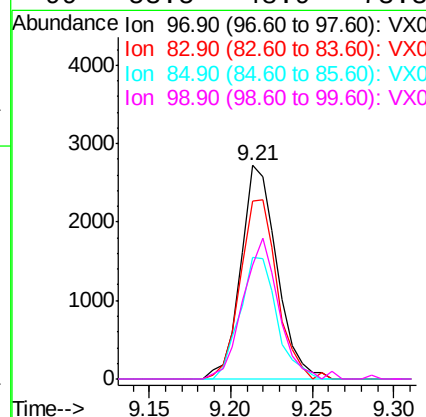
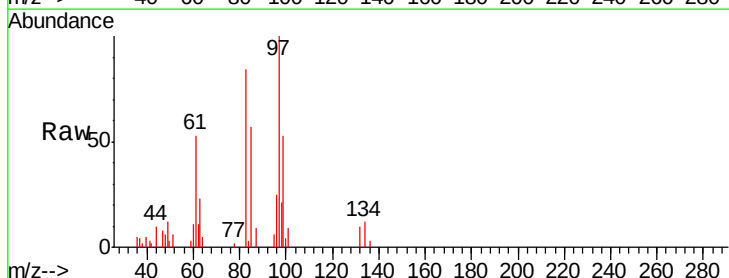
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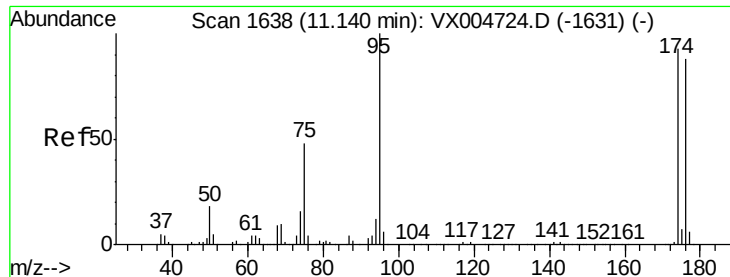
Tgt Ion: 98 Resp: 394543
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9



#55
1,1,2-Trichloroethane
Concen: 1.79 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: VX005273.D
Acq: 12 Oct 2018 00:01

Tgt Ion: 97 Resp: 4202
Ion Ratio Lower Upper
97 100
83 83.6 68.2 102.2
85 57.0 49.9 74.9
99 53.5 48.9 73.3

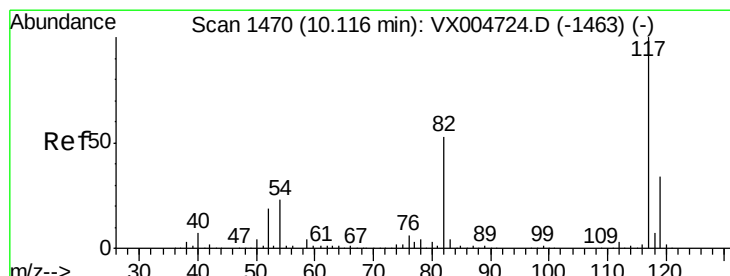
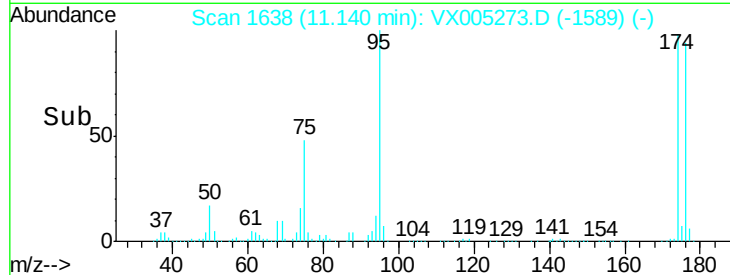
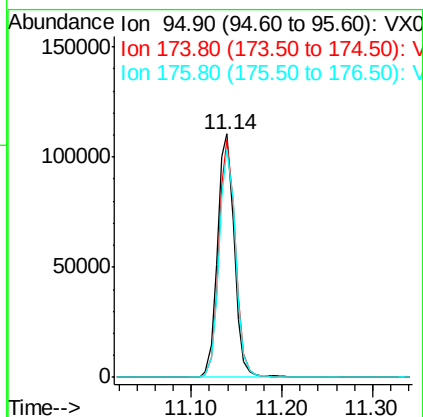
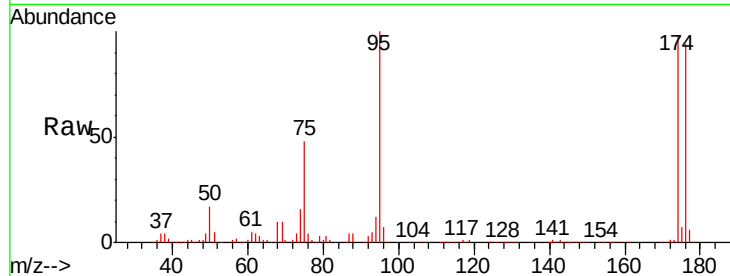




#62
 4-Bromofluorobenzene
 Concen: 52.56 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005273.D
 Acq: 12 Oct 2018 00:01

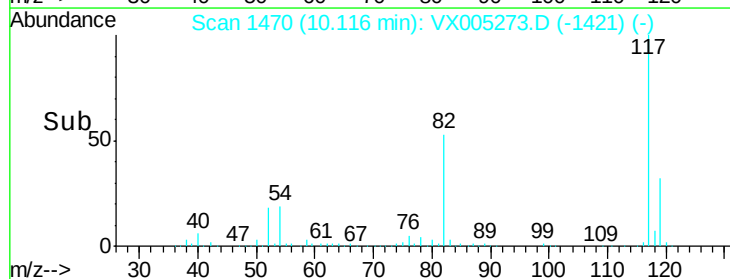
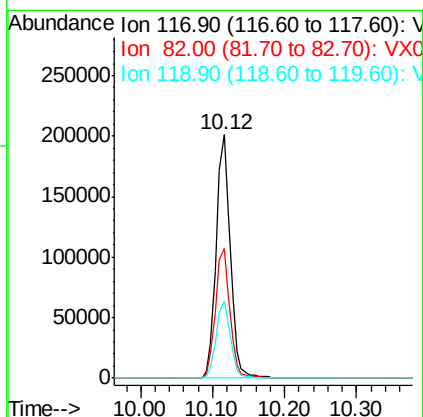
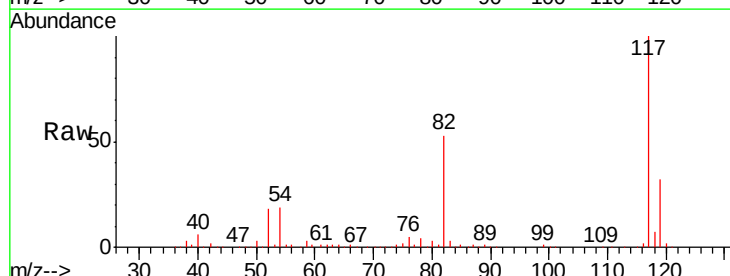
Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-640FT-20181009

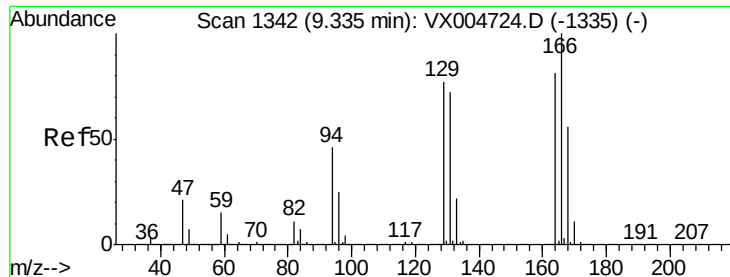
Tgt Ion: 95 Resp: 143376
 Ion Ratio Lower Upper
 95 100
 174 96.7 0.0 185.0
 176 92.8 0.0 180.2



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VX005273.D
 Acq: 12 Oct 2018 00:01

Tgt Ion: 117 Resp: 272468
 Ion Ratio Lower Upper
 117 100
 82 53.3 42.2 63.4
 119 31.5 27.4 41.0





#64

Tetrachloroethene

Concen: 2.30 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

Instrument :

MSVOA_X

ClientSampleId :

RE137-640FT-20181009

Tgt Ion:164 Resp: 6165

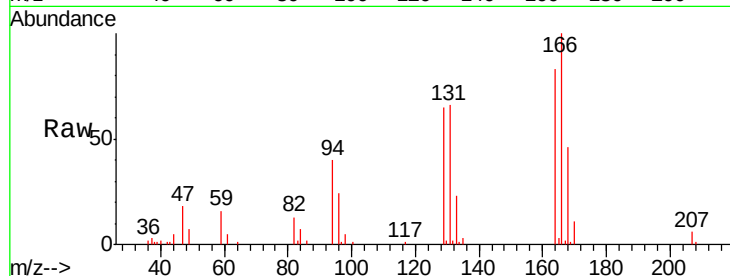
Ion Ratio Lower Upper

164 100

166 120.9 98.4 147.6

129 79.1 76.1 114.1

131 79.6 71.0 106.4

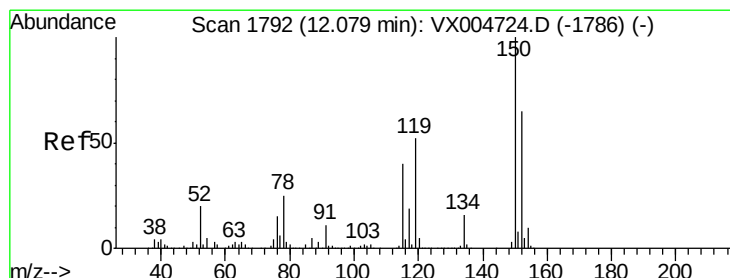
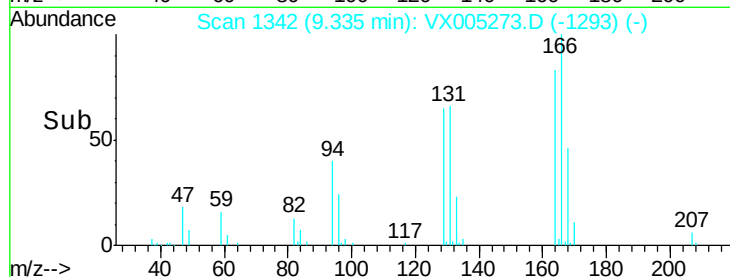
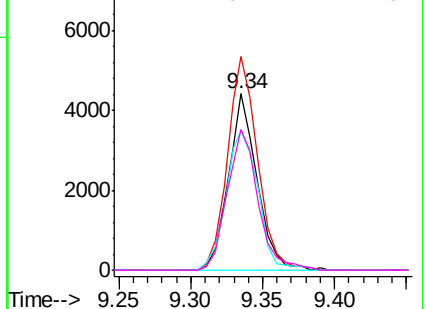


Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005273.D

Acq: 12 Oct 2018 00:01

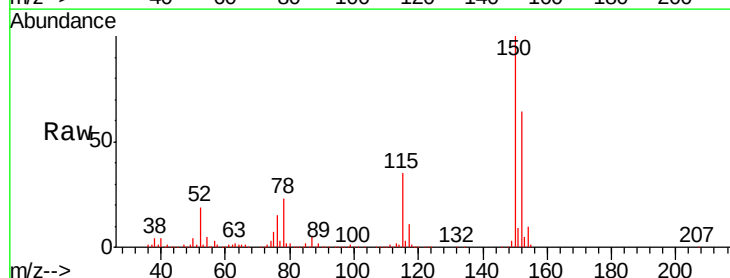
Tgt Ion:152 Resp: 158196

Ion Ratio Lower Upper

152 100

115 54.9 40.2 120.6

150 157.7 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

