

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010202.D
 Acq On : 11 Jun 2019 01:53
 Operator : JC/SP
 Sample : K3255-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20190605

Quant Time: Jun 11 08:25:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	266177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	406246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	369169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170757	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	119374	45.95	ug/l	0.00
Spiked Amount			Recovery	=	91.90%	
35) Dibromofluoromethane	5.50	113	122817	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
50) Toluene-d8	8.71	98	477885	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	11.13	95	164330	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	

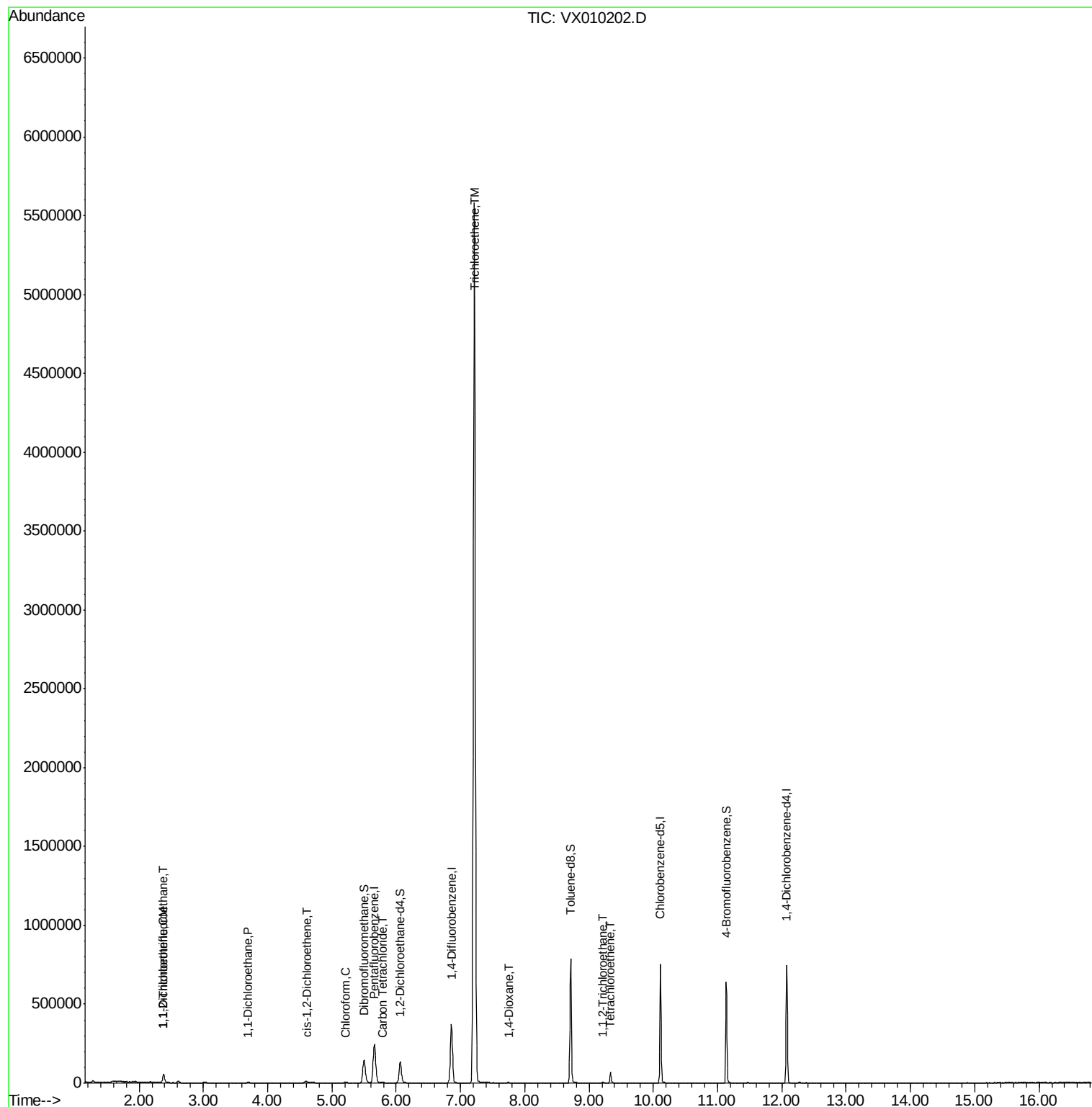
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	15584	6.658	ug/l	91
12) 1,1-Dichloroethene	2.37	96	9326	3.901	ug/l #	75
24) 1,1-Dichloroethane	3.70	63	3172	0.757	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	7199	2.446	ug/l	69
30) Chloroform	5.22	83	3039	0.698	ug/l	96
38) Carbon Tetrachloride	5.79	117	1409	0.376	ug/l #	84
44) Trichloroethene	7.21	130	2286227	740.065	ug/l	90
49) 1,4-Dioxane	7.74	88	1902	24.740	ug/l #	76
55) 1,1,2-Trichloroethane	9.22	97	1841	0.667	ug/l	90
64) Tetrachloroethene	9.34	164	13400	4.887	ug/l	95

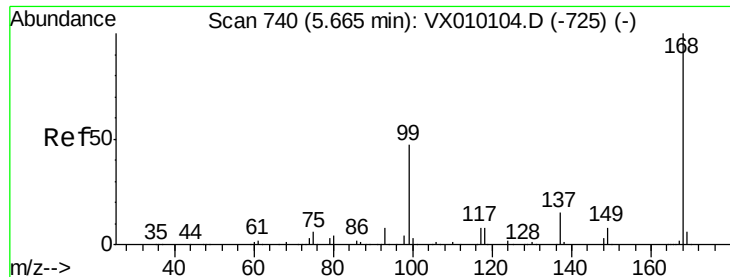
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061019\
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Acq On : 11 Jun 2019 01:53
Operator : JC/SP
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Misc : 5.0mL/MSVOA X/WATER
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MSVOA_X
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Quant Time: Jun 11 08:25:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010202.D

Acq: 11 Jun 2019 01:53

Instrument :

MSVOA_X

ClientSampleId :

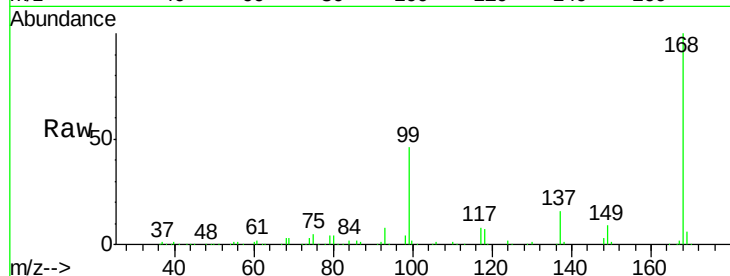
RE103D1-20190605

Tot Ion:168 Resp: 266177

Ion Ratio Lower Upper

168 100

99 45.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

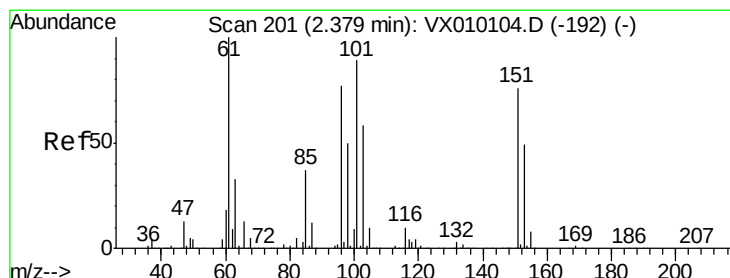
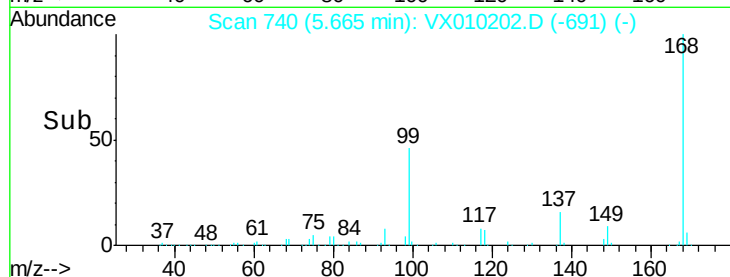
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.658 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010202.D

Acq: 11 Jun 2019 01:53

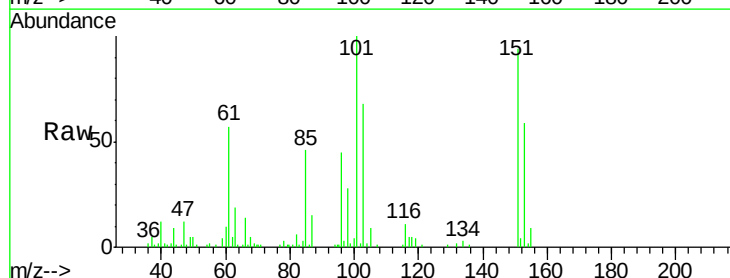
Tgt Ion:101 Resp: 15584

Ion Ratio Lower Upper

101 100

85 44.0 35.2 52.8

151 89.6 61.9 92.9



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

10000

8000

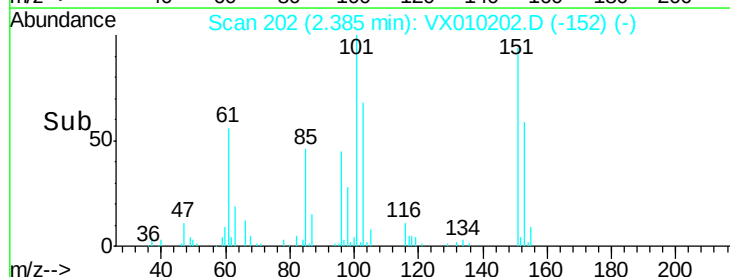
6000

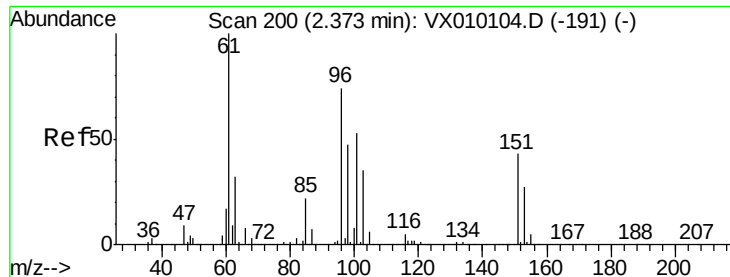
4000

2000

0

Time--> 2.30 2.35 2.40 2.45





#12

1,1-Dichloroethene

Concen: 3.901 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX010202.D

Acq: 11 Jun 2019 01:53

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190605

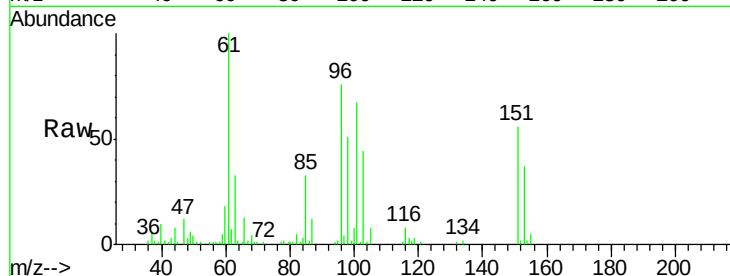
Tot Ion: 96 Resp: 9326

Ion Ratio Lower Upper

96 100

61 132.2 140.7 211.1#

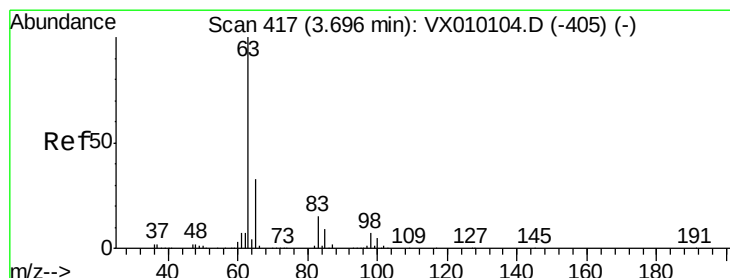
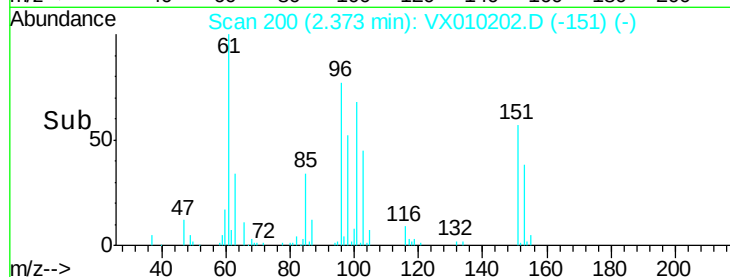
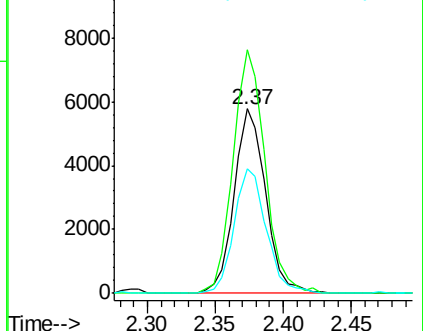
98 67.8 50.1 75.1



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



#24

1,1-Dichloroethane

Concen: 0.757 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010202.D

Acq: 11 Jun 2019 01:53

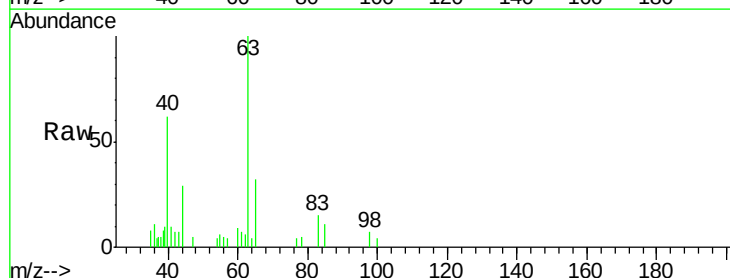
Tgt Ion: 63 Resp: 3172

Ion Ratio Lower Upper

63 100

98 6.6 2.9 8.8

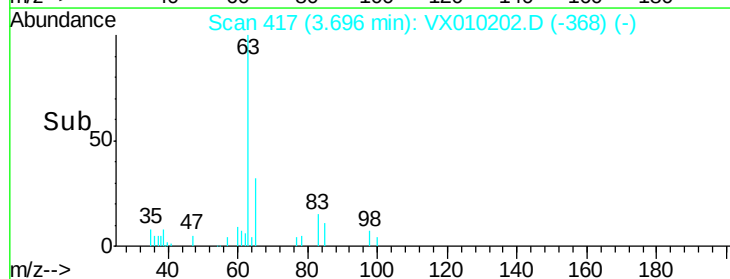
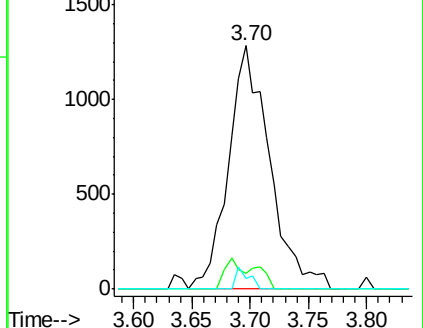
100 4.4 1.8 5.4

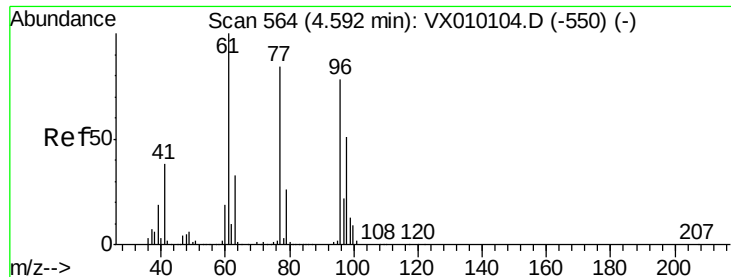


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



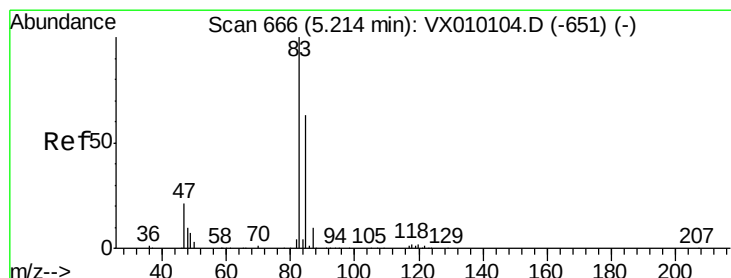
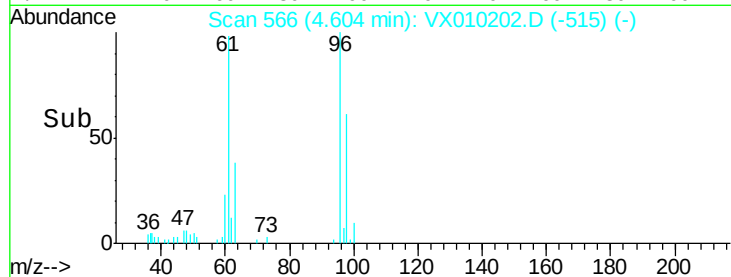
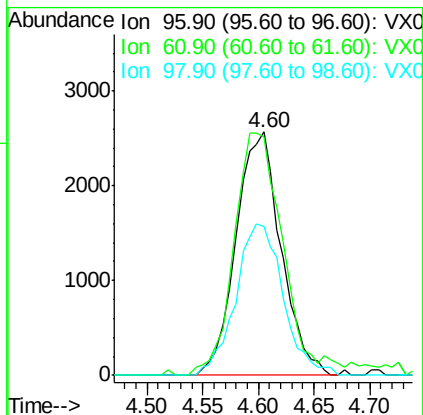
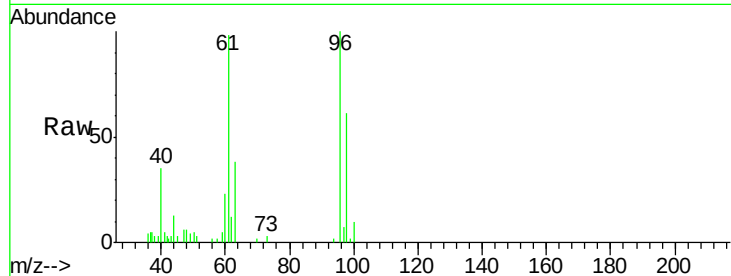


#27

cis-1,2-Dichloroethene
 Concen: 2.446 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX010202.D
 Acq: 11 Jun 2019 01:53

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20190605

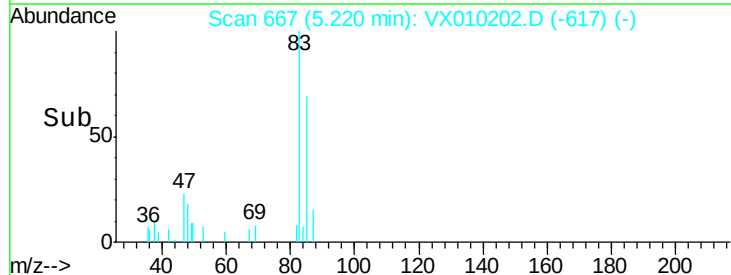
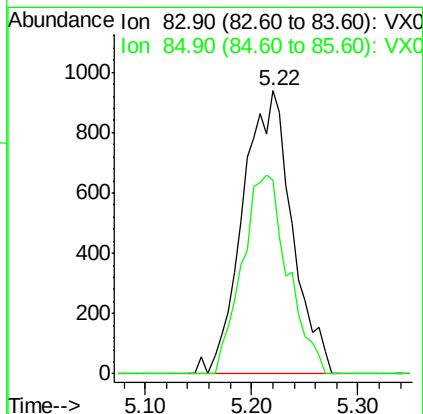
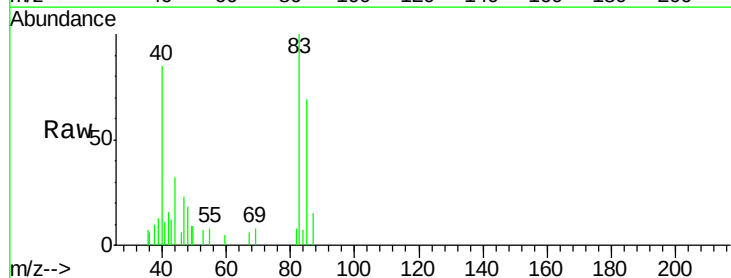
Tot Ion	Ratio	Lower	Upper
96	100		
61	108.4	0.0	334.0
98	65.7	0.0	131.6

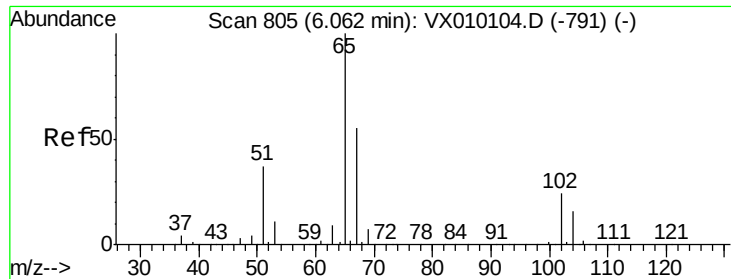


#30

Chloroform
 Concen: 0.698 ug/l
 RT: 5.22 min Scan# 667
 Delta R.T. 0.01 min
 Lab File: VX010202.D
 Acq: 11 Jun 2019 01:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.6	52.6	78.8

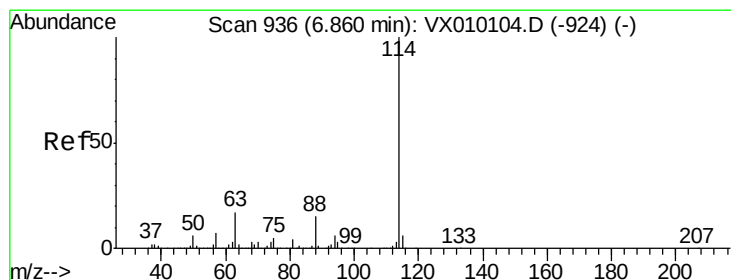
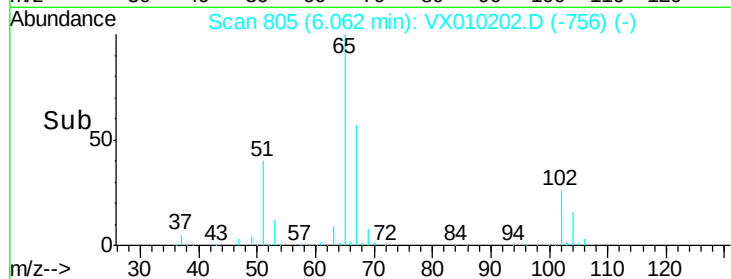
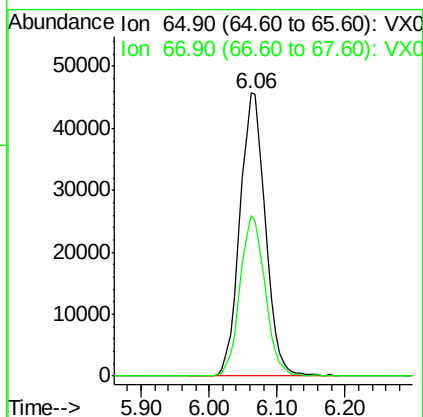
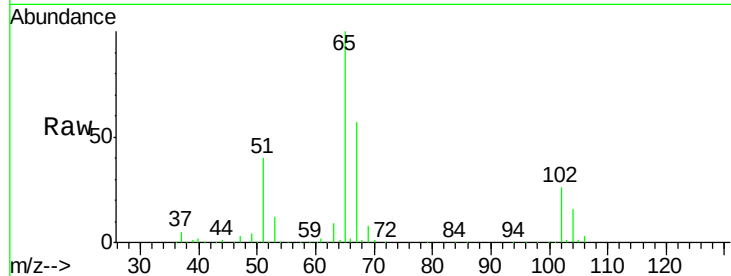




#33
 1,2-Dichloroethane-d4
 Concen: 45.945 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010202.D
 Acq: 11 Jun 2019 01:53

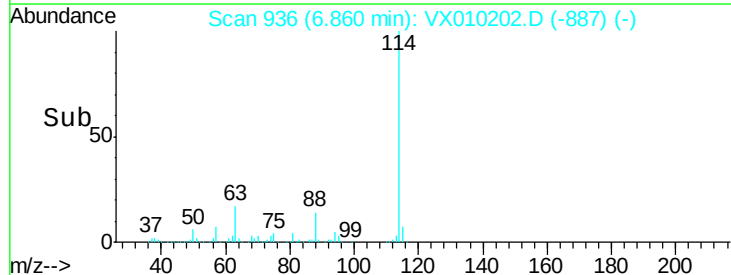
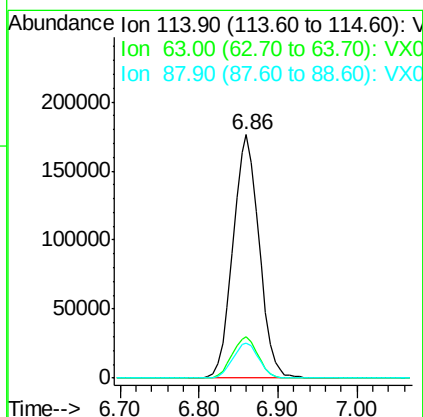
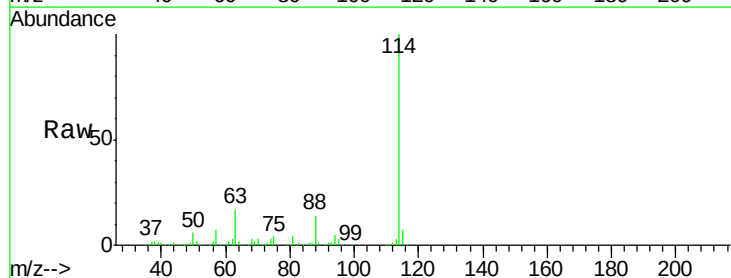
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20190605

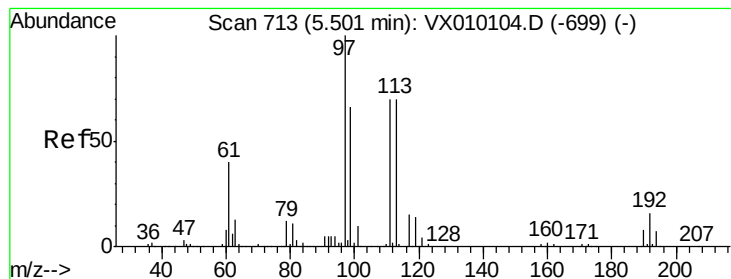
Tot Ion: 65 Resp: 119374
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010202.D
 Acq: 11 Jun 2019 01:53

Tgt Ion: 114 Resp: 406246
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 47.4
 88 14.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.013 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010202.D

Acq: 11 Jun 2019 01:53

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190605

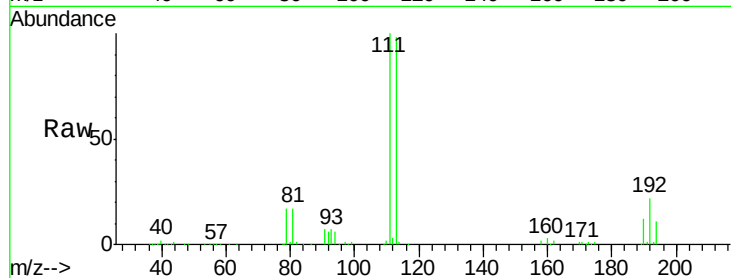
Tot Ion:113 Resp: 122817

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

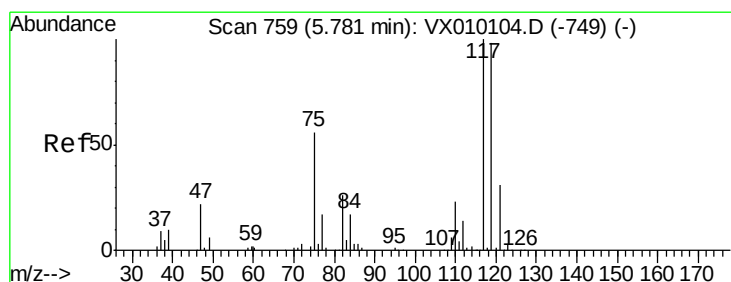
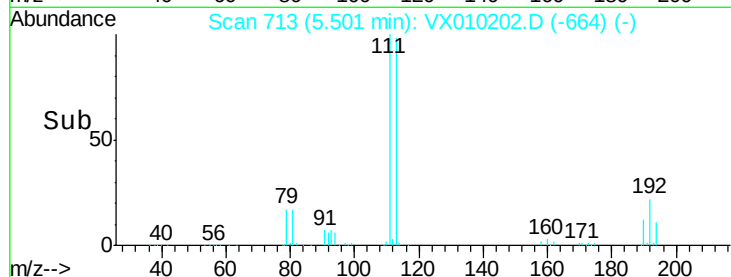
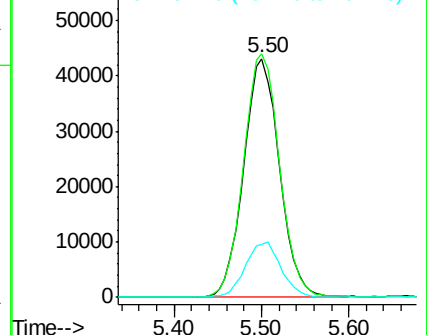
192 23.1 17.1 25.7



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



#38

Carbon Tetrachloride

Concen: 0.376 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX010202.D

Acq: 11 Jun 2019 01:53

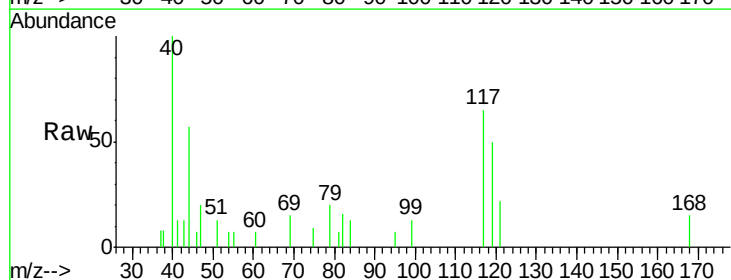
Tgt Ion:117 Resp: 1409

Ion Ratio Lower Upper

117 100

119 77.1 77.3 115.9#

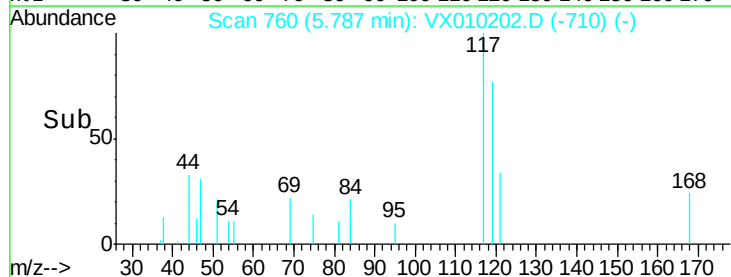
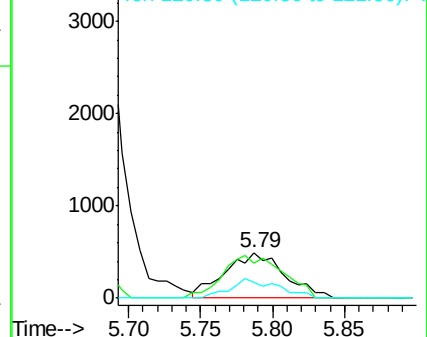
121 33.6 25.4 38.0

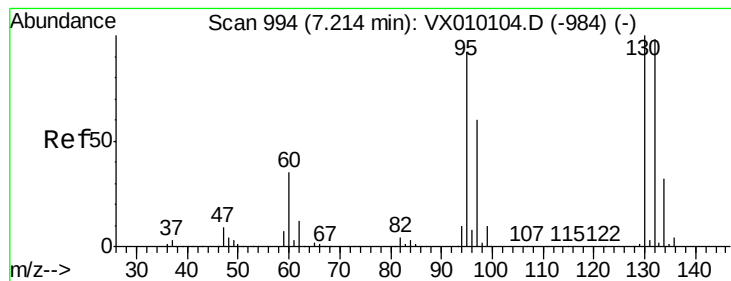


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 740.065 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010202.D

Acq: 11 Jun 2019 01:53

Instrument :

MSVOA_X

ClientSampleId :

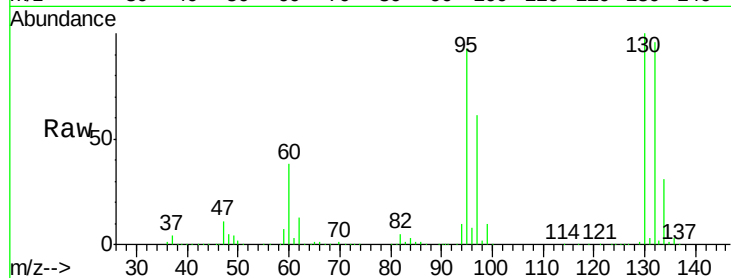
RE103D1-20190605

Tot Ion:130 Resp: 2286227

Ion Ratio Lower Upper

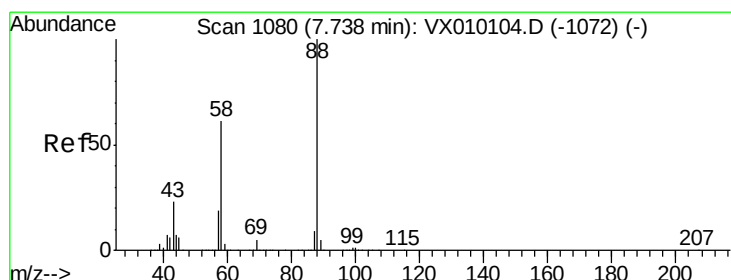
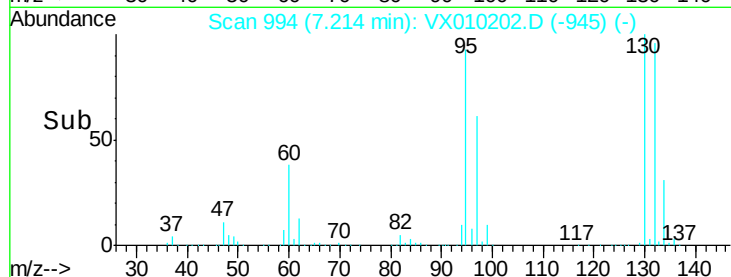
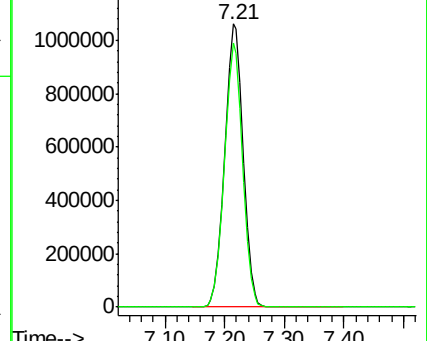
130 100

95 93.1 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 24.740 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX010202.D

Acq: 11 Jun 2019 01:53

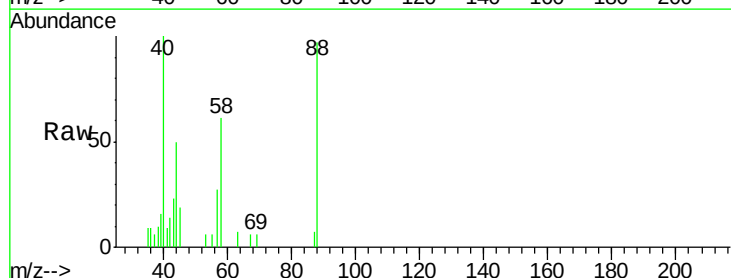
Tgt Ion: 88 Resp: 1902

Ion Ratio Lower Upper

88 100

43 14.5 30.2 45.4#

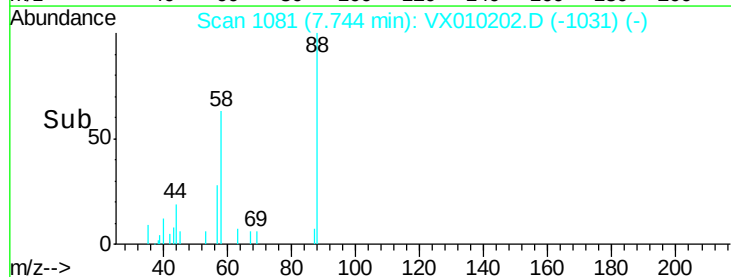
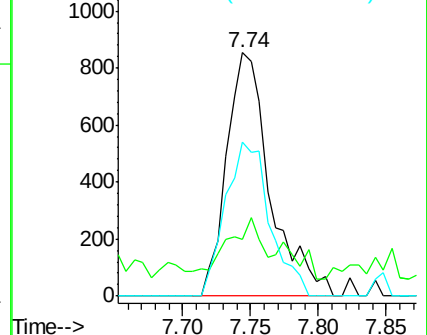
58 64.5 64.0 96.0

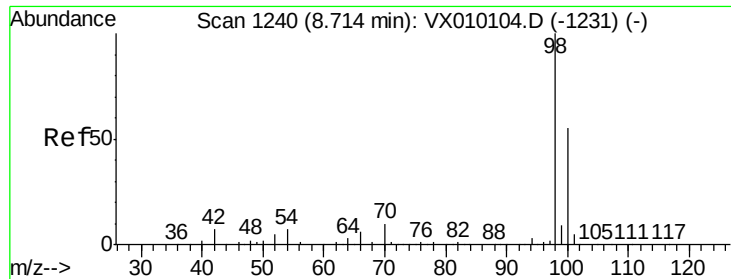


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.885 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010202.D

Acq: 11 Jun 2019 01:53

Instrument :

MSVOA_X

ClientSampleId :

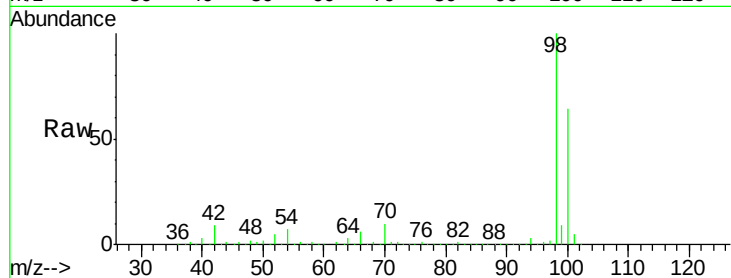
RE103D1-20190605

Tot Ion: 98 Resp: 477885

Ion Ratio Lower Upper

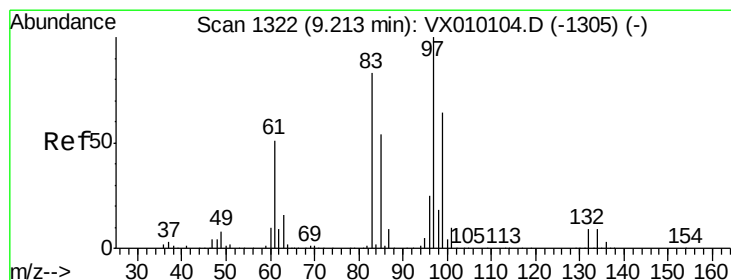
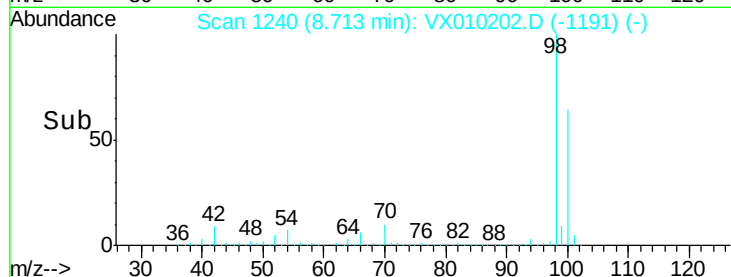
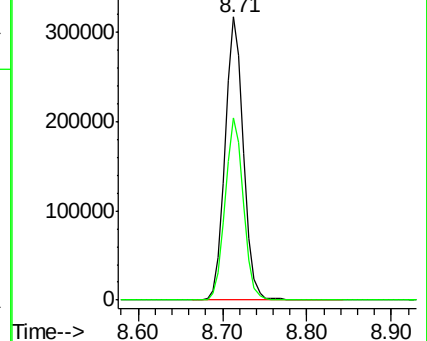
98 100

100 64.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.667 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX010202.D

Acq: 11 Jun 2019 01:53

Tgt Ion: 97 Resp: 1841

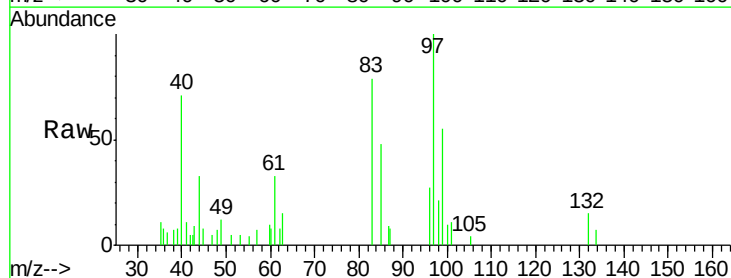
Ion Ratio Lower Upper

97 100

83 79.1 69.8 104.8

85 47.8 45.3 67.9

99 54.5 49.0 73.4

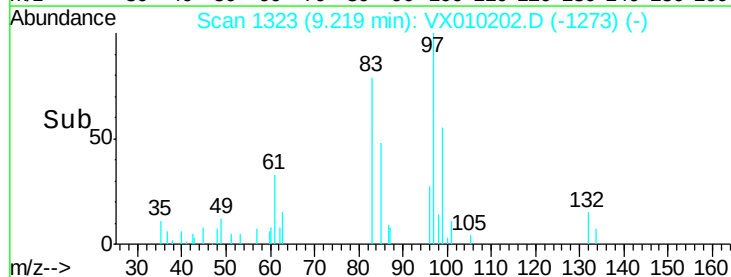
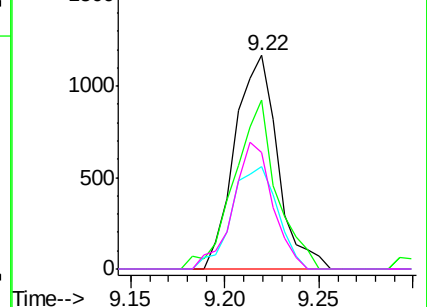


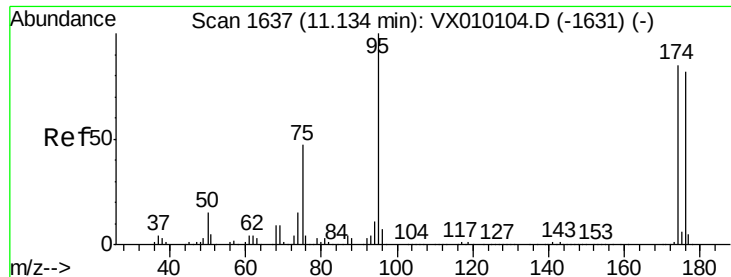
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#62

4-Bromofluorobenzene

Concen: 46.854 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010202.D

Acq: 11 Jun 2019 01:53

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190605

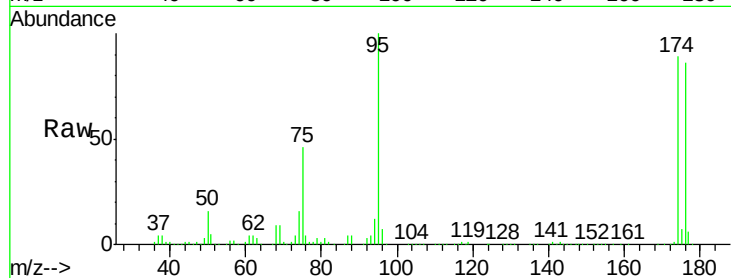
Tot Ion: 95 Resp: 164330

Ion Ratio Lower Upper

95 100

174 93.7 0.0 160.4

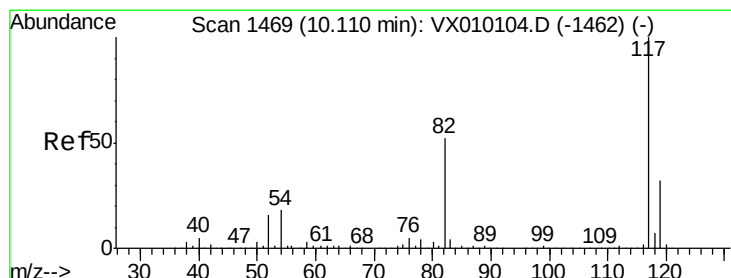
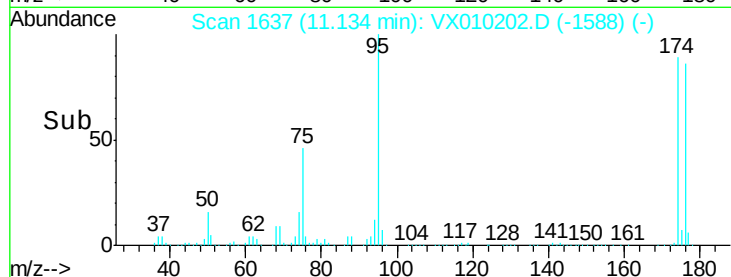
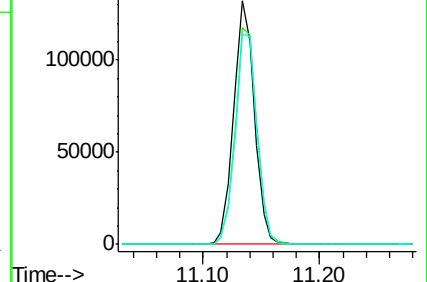
176 90.7 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010202.D

Acq: 11 Jun 2019 01:53

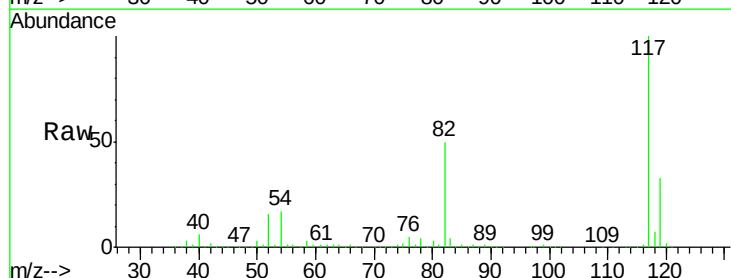
Tgt Ion: 117 Resp: 369169

Ion Ratio Lower Upper

117 100

82 50.4 49.2 73.8

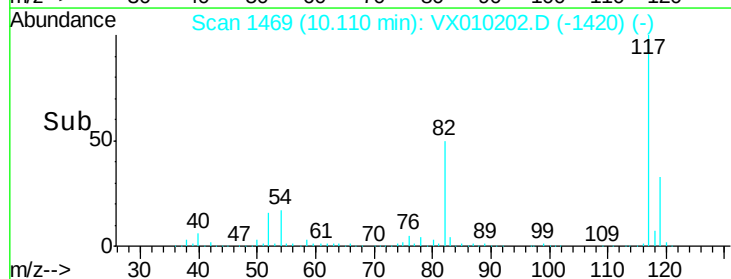
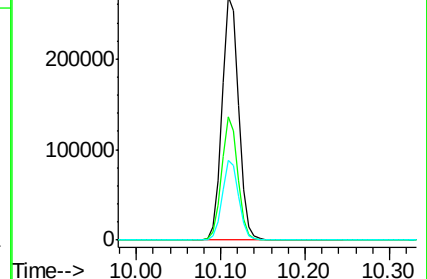
119 32.8 25.2 37.8

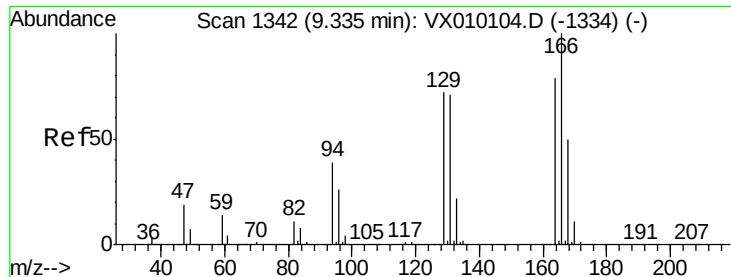


Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)

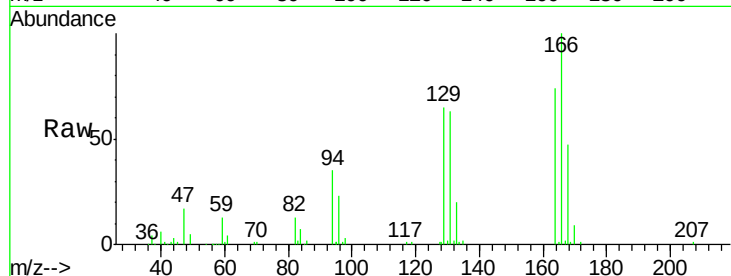




#64
Tetrachloroethene
Concen: 4.887 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190605

Tot Ion	Ratio	Lower	Upper
164	100		
166	134.5	105.0	157.4
129	87.6	75.1	112.7
131	84.6	72.2	108.4

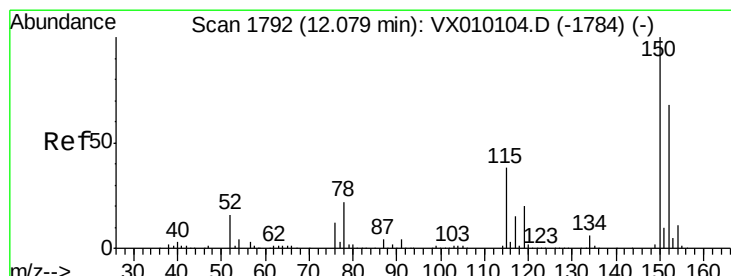
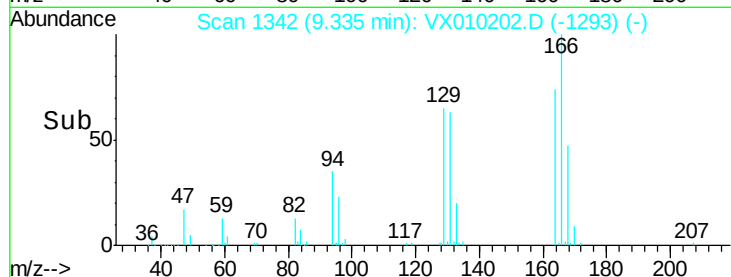
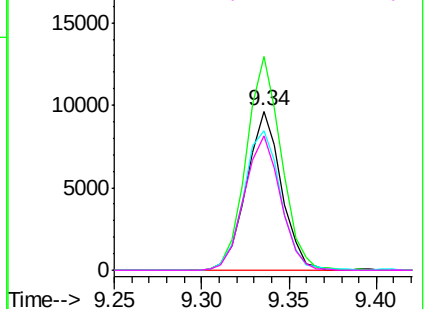


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

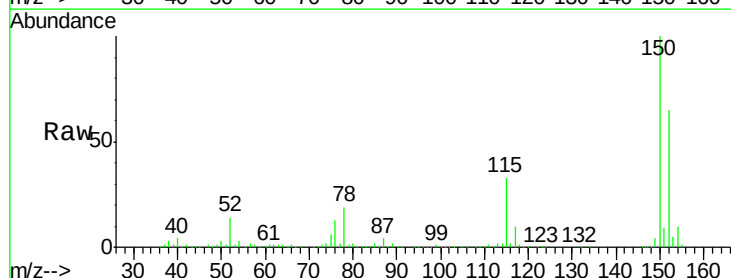
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010202.D
Acq: 11 Jun 2019 01:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	41.4	124.2
150	158.1	0.0	345.2



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

