

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
 Data File : VX007980.D
 Acq On : 11 Mar 2019 19:50
 Operator : JC/SP
 Sample : K1841-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20190308

Quant Time: Mar 12 09:10:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

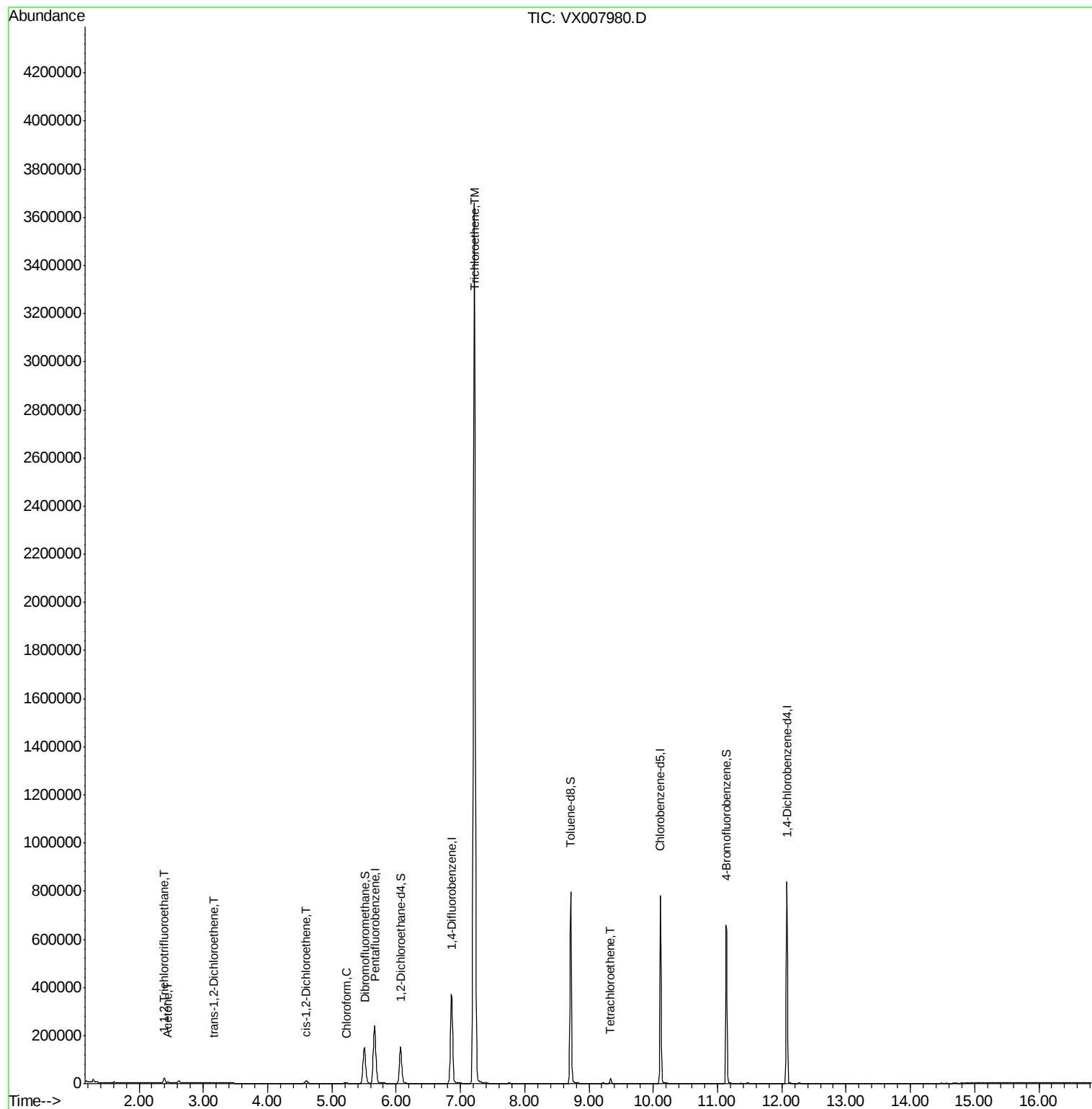
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	396303	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	379030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184121	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	140112	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
35) Dibromofluoromethane	5.51	113	129786	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
50) Toluene-d8	8.71	98	484242	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
62) 4-Bromofluorobenzene	11.13	95	177592	54.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.82%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	7986	3.544	ug/l	99
16) Acetone	2.45	43	4410	2.829	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	1055	0.441	ug/l #	76
27) cis-1,2-Dichloroethene	4.60	96	6222	2.275	ug/l	89
30) Chloroform	5.22	83	2277	0.535	ug/l	89
44) Trichloroethene	7.21	130	1519199	516.026	ug/l	98
64) Tetrachloroethene	9.34	164	4503	1.434	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

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ClientSampleId :

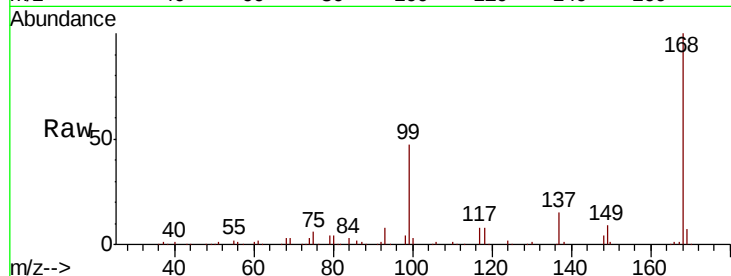
RE122D1-20190308

Tgt Ion:168 Resp: 255279

Ion Ratio Lower Upper

168 100

99 47.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

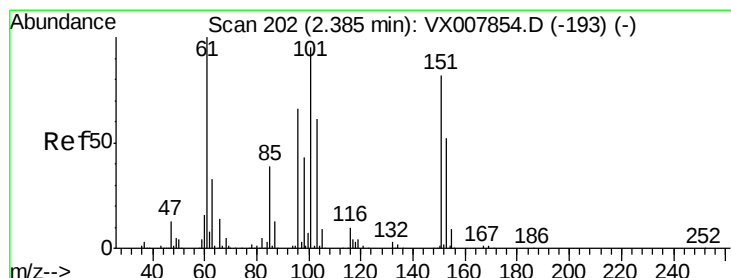
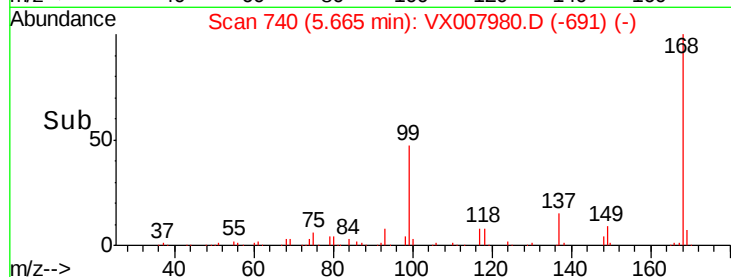
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.544 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007980.D

Acq: 11 Mar 2019 19:50

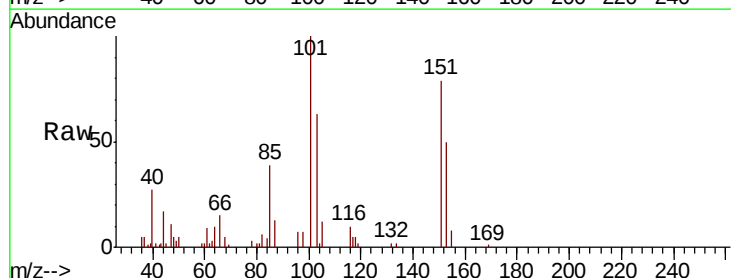
Tgt Ion:101 Resp: 7986

Ion Ratio Lower Upper

101 100

85 42.2 33.8 50.6

151 85.0 69.1 103.7



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

6000

5000

4000

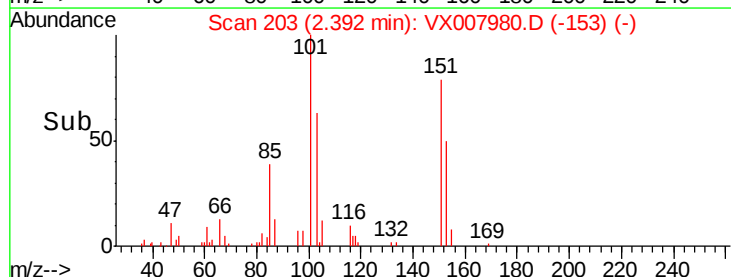
3000

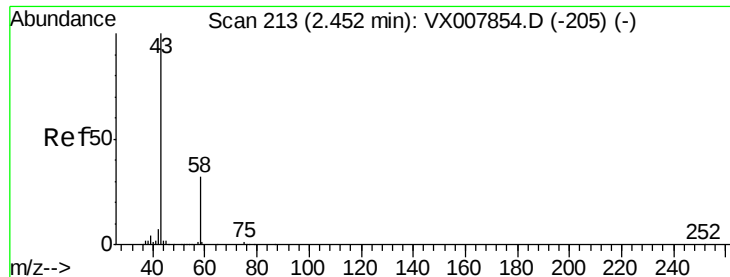
2000

1000

0

Time--> 2.30 2.35 2.40 2.45





#16

Acetone

Concen: 2.829 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007980.D

Acq: 11 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

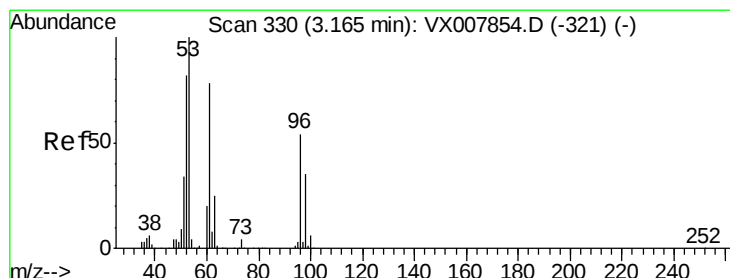
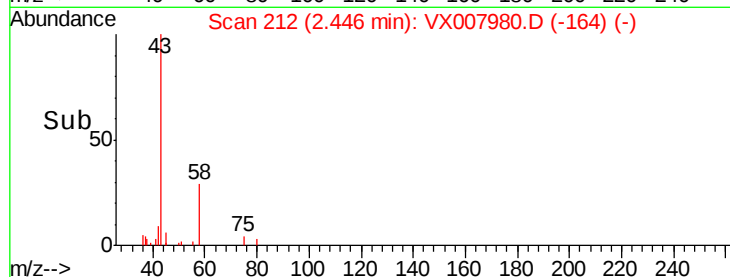
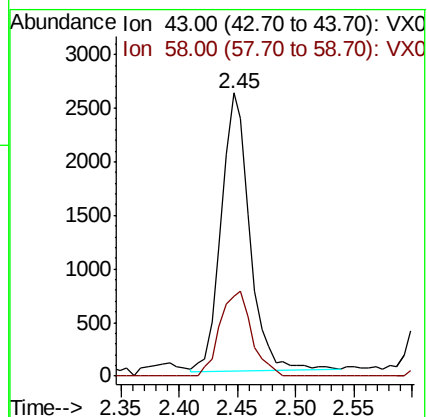
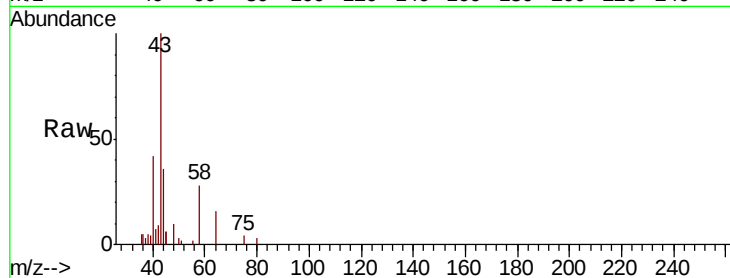
RE122D1-20190308

Tgt Ion: 43 Resp: 4410

Ion Ratio Lower Upper

43 100

58 28.8 25.5 38.3



#21

trans-1,2-Dichloroethene

Concen: 0.441 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007980.D

Acq: 11 Mar 2019 19:50

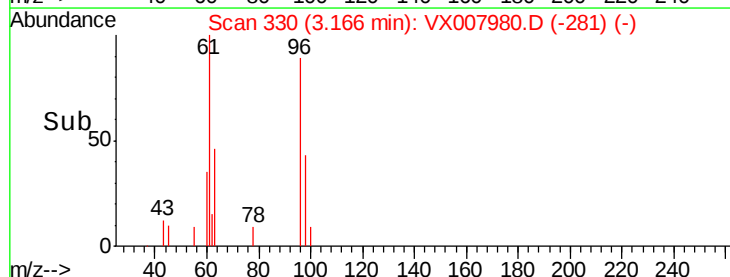
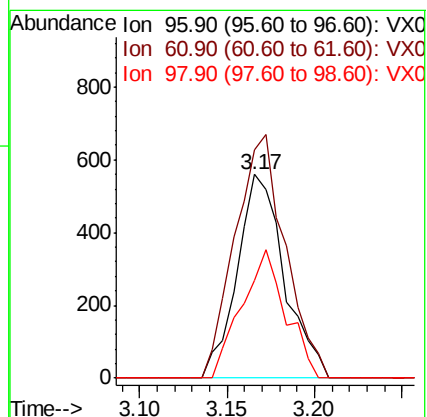
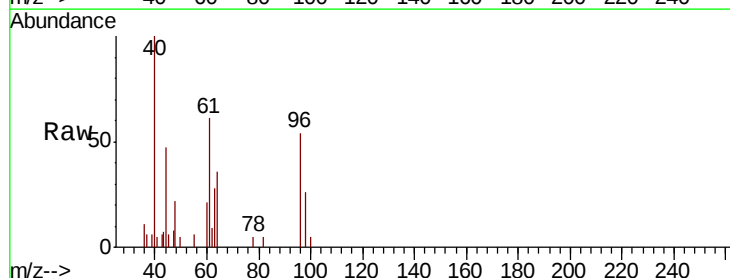
Tgt Ion: 96 Resp: 1055

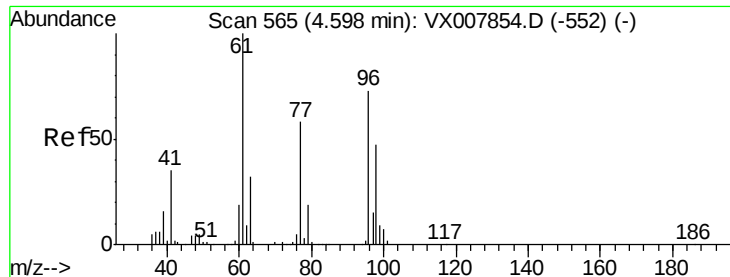
Ion Ratio Lower Upper

96 100

61 111.8 114.4 171.6#

98 48.2 51.1 76.7#



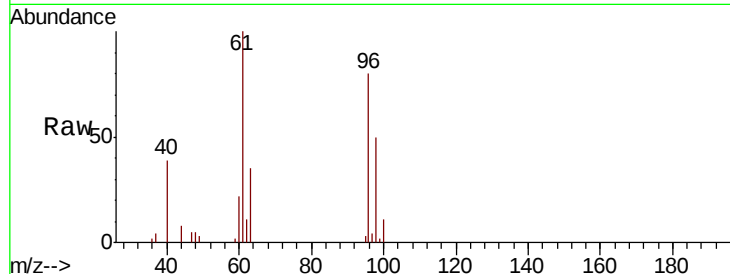


#27

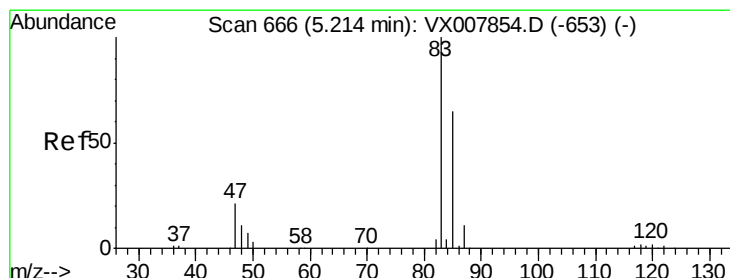
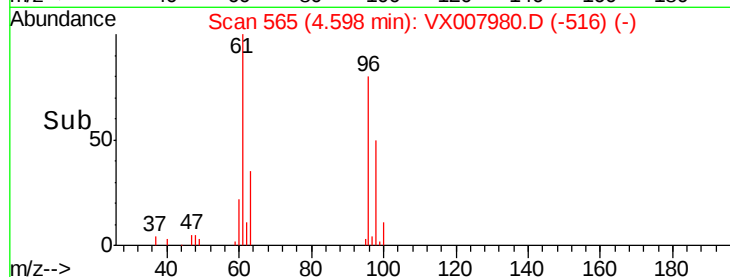
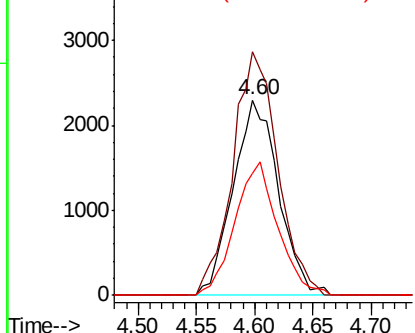
cis-1,2-Dichloroethene
 Concen: 2.275 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007980.D
 Acq: 11 Mar 2019 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20190308

Tgt Ion: 96 Resp: 6222
 Ion Ratio Lower Upper
 96 100
 61 123.8 0.0 288.0
 98 64.7 0.0 129.0



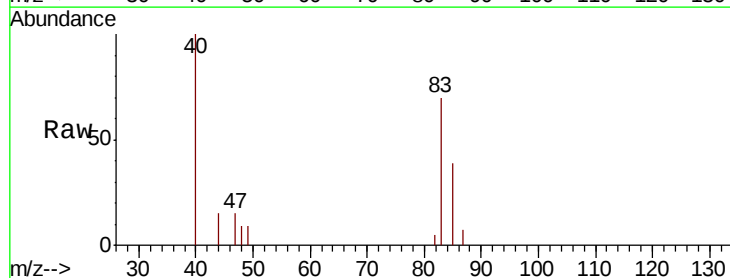
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



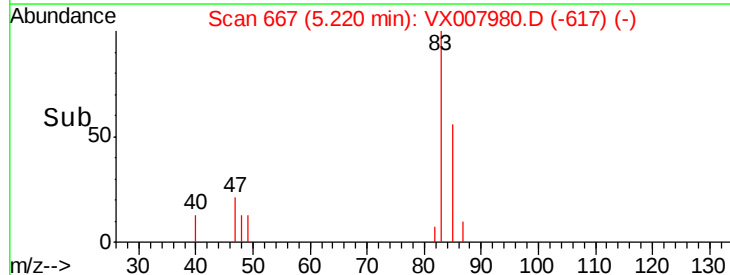
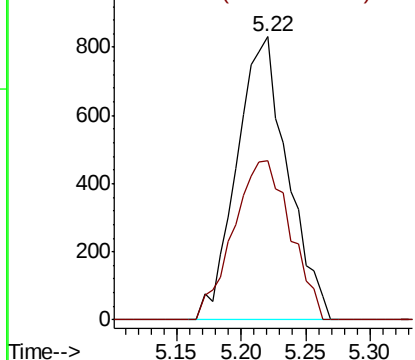
#30

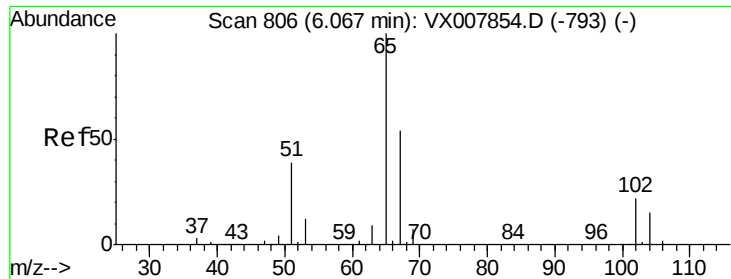
Chloroform
 Concen: 0.535 ug/l
 RT: 5.22 min Scan# 667
 Delta R.T. 0.01 min
 Lab File: VX007980.D
 Acq: 11 Mar 2019 19:50

Tgt Ion: 83 Resp: 2277
 Ion Ratio Lower Upper
 83 100
 85 56.2 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0

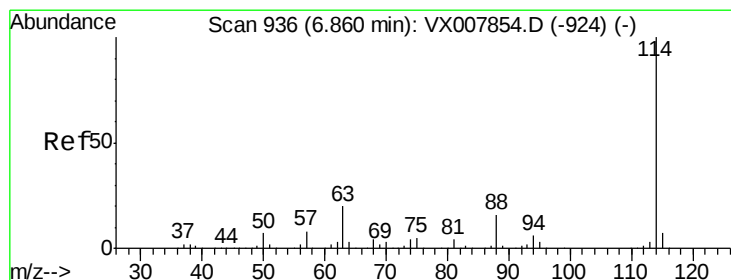
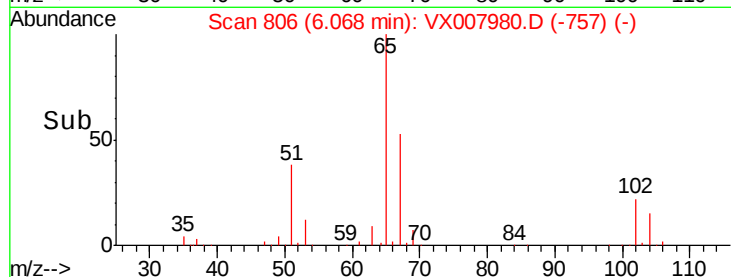
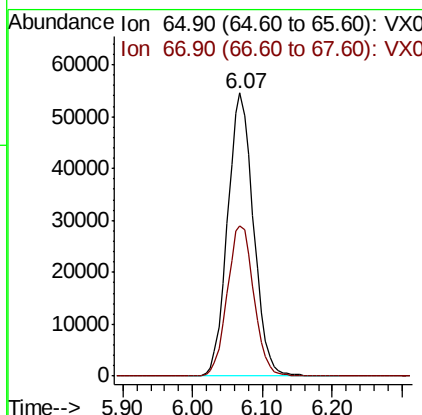
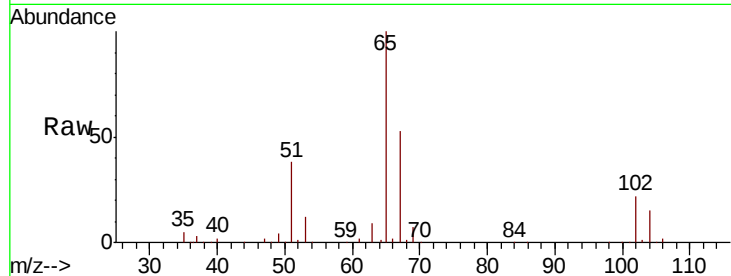




#33
 1,2-Dichloroethane-d4
 Concen: 52.029 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007980.D
 Acq: 11 Mar 2019 19:50

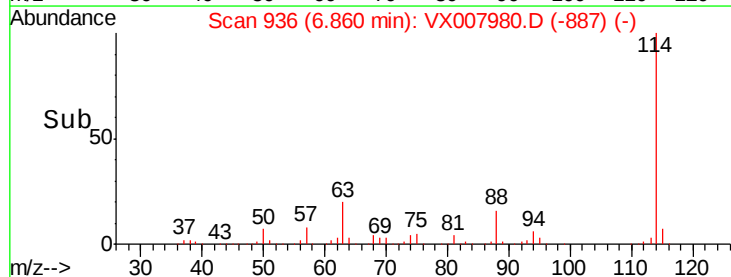
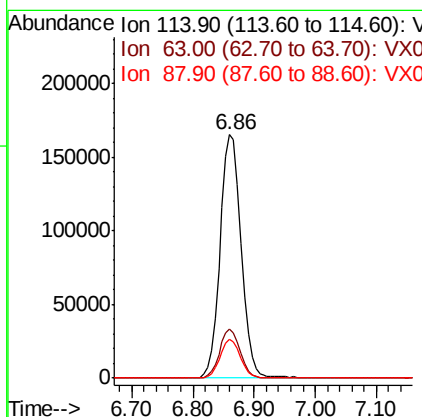
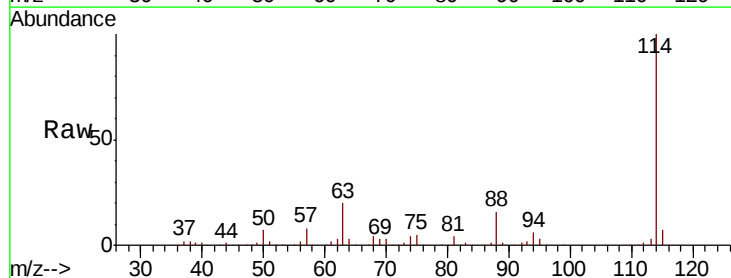
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20190308

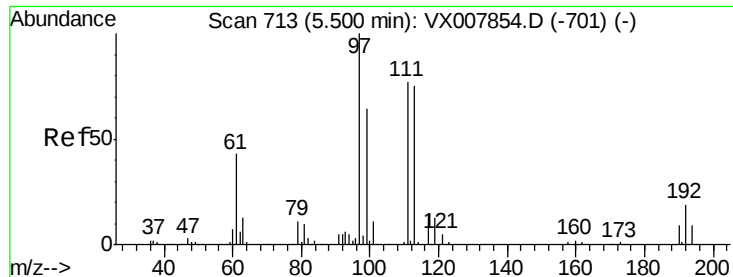
Tgt Ion: 65 Resp: 140112
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007980.D
 Acq: 11 Mar 2019 19:50

Tgt Ion: 114 Resp: 396303
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.9 0.0 31.4

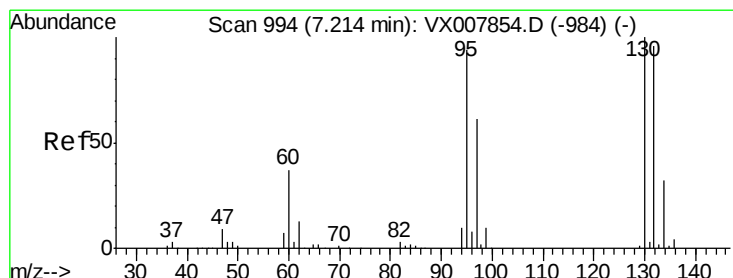
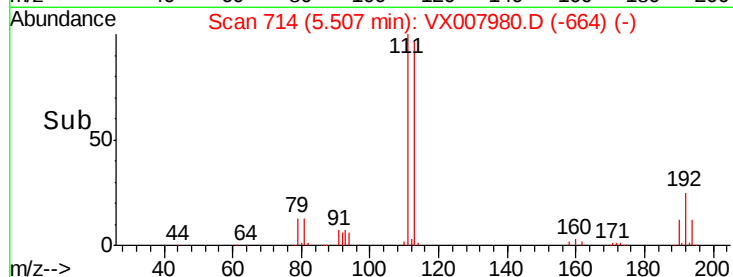
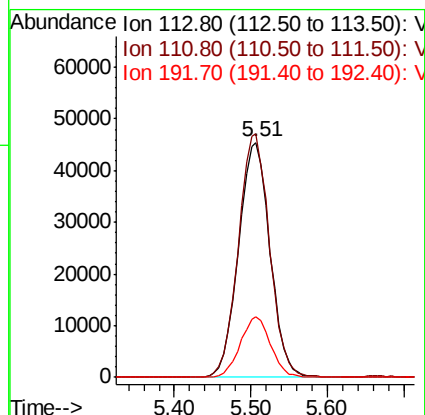
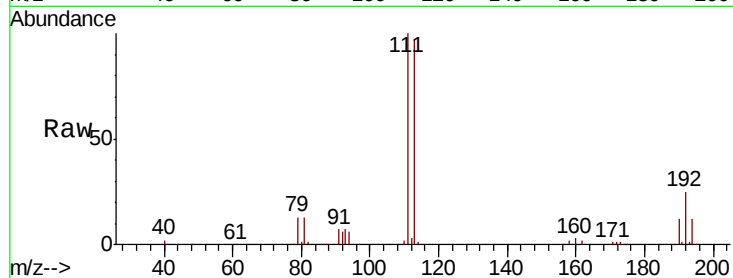




#35
 Dibromofluoromethane
 Concen: 51.197 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007980.D
 Acq: 11 Mar 2019 19:50

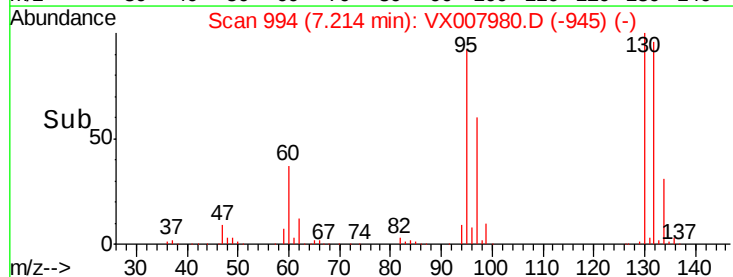
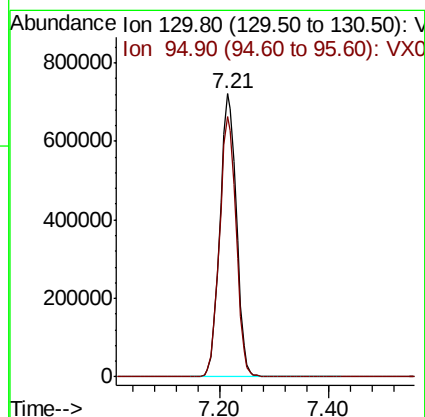
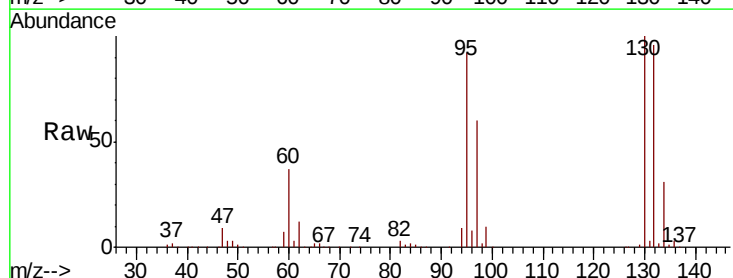
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20190308

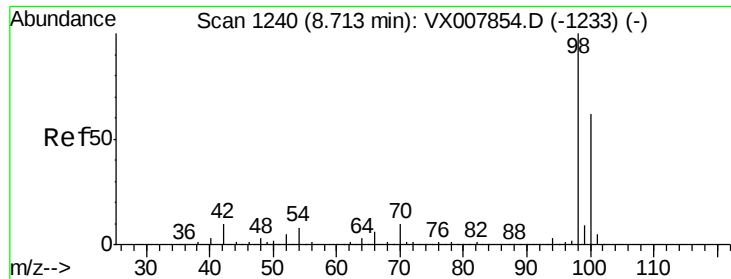
Tgt Ion:113 Resp: 129786
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.0
 192 24.7 19.4 29.0



#44
 Trichloroethene
 Concen: 516.026 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007980.D
 Acq: 11 Mar 2019 19:50

Tgt Ion:130 Resp: 1519199
 Ion Ratio Lower Upper
 130 100
 95 91.9 0.0 188.0





#50

Toluene-d8

Concen: 52.013 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007980.D

Acq: 11 Mar 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

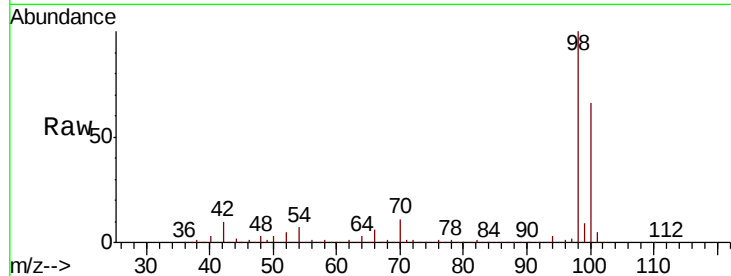
RE122D1-20190308

Tgt Ion: 98 Resp: 484242

Ion Ratio Lower Upper

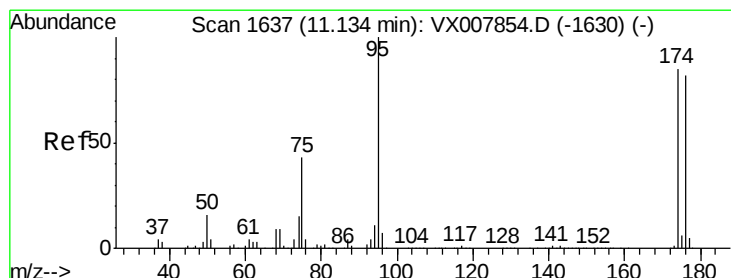
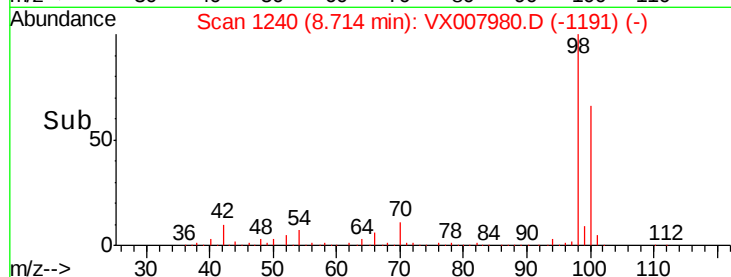
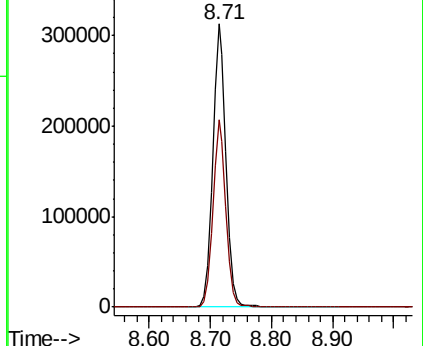
98 100

100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 54.408 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007980.D

Acq: 11 Mar 2019 19:50

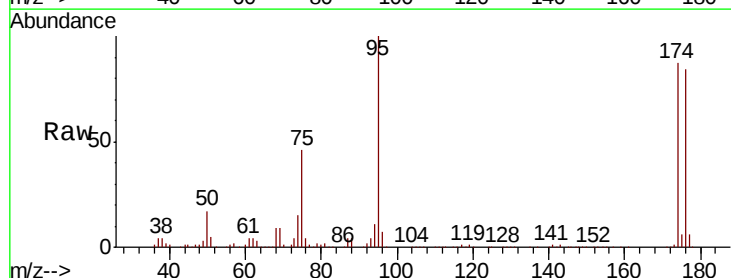
Tgt Ion: 95 Resp: 177592

Ion Ratio Lower Upper

95 100

174 93.2 0.0 182.8

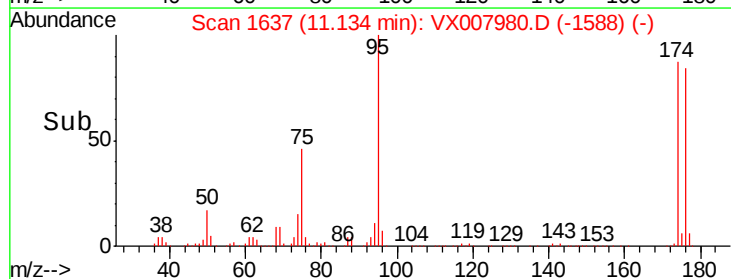
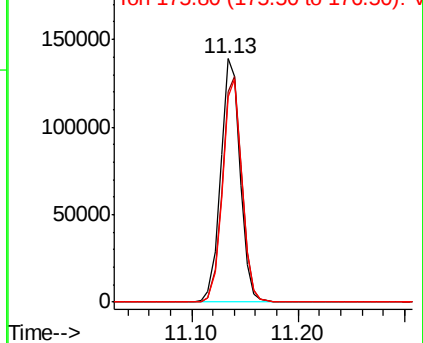
176 91.1 0.0 178.0

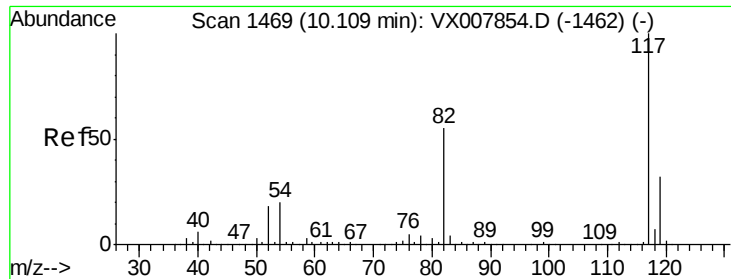


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

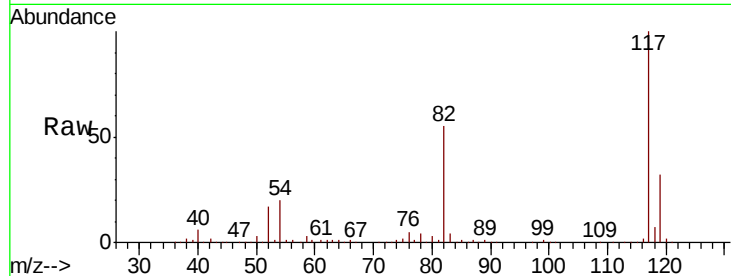




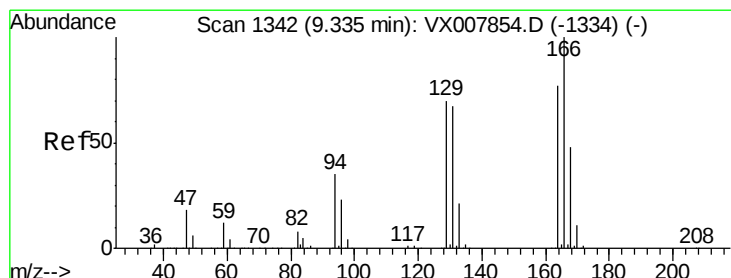
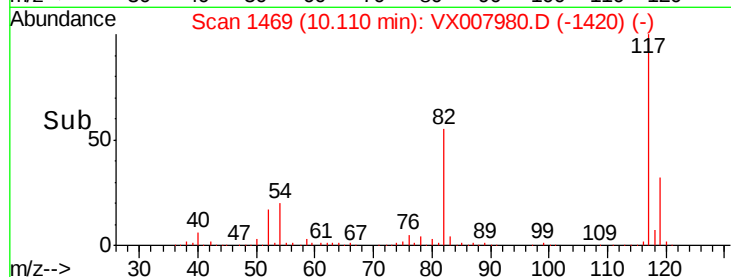
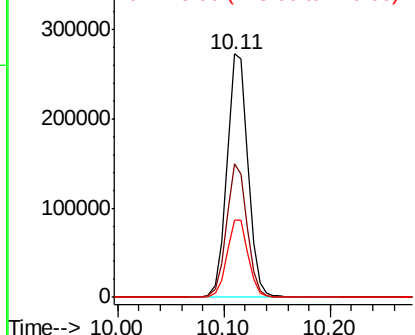
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007980.D
Acq: 11 Mar 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190308

Tgt Ion:117 Resp: 379030
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 31.9 25.3 37.9



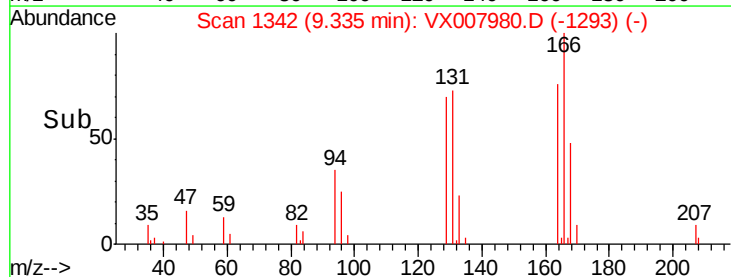
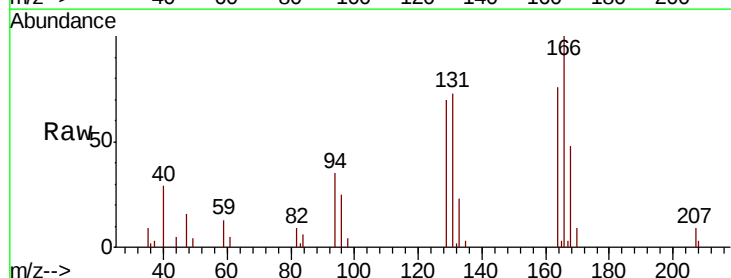
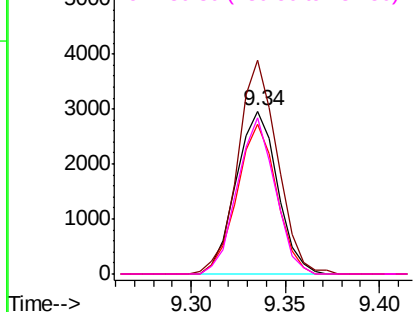
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

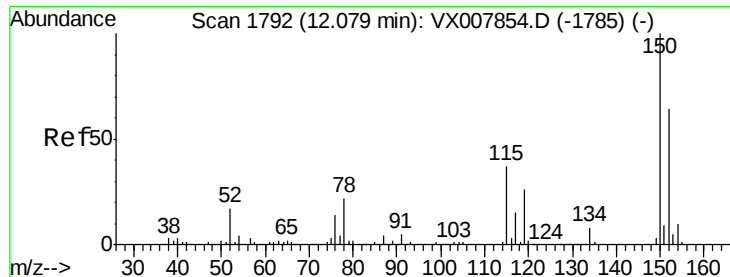


#64
Tetrachloroethene
Concen: 1.434 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007980.D
Acq: 11 Mar 2019 19:50

Tgt Ion:164 Resp: 4503
Ion Ratio Lower Upper
164 100
166 131.0 103.4 155.0
129 91.7 72.2 108.4
131 96.1 69.4 104.2

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

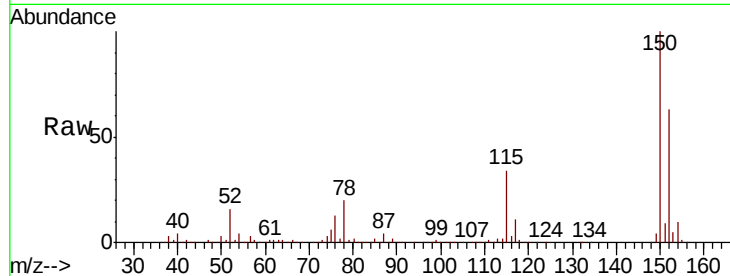




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX007980.D
 Acq: 11 Mar 2019 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20190308

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	38.6	115.7
150	157.2	0.0	348.4



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

