

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
 Data File : VX007986.D
 Acq On : 11 Mar 2019 22:30
 Operator : JC/SP
 Sample : K1841-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20190308

Quant Time: Mar 12 09:22:04 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

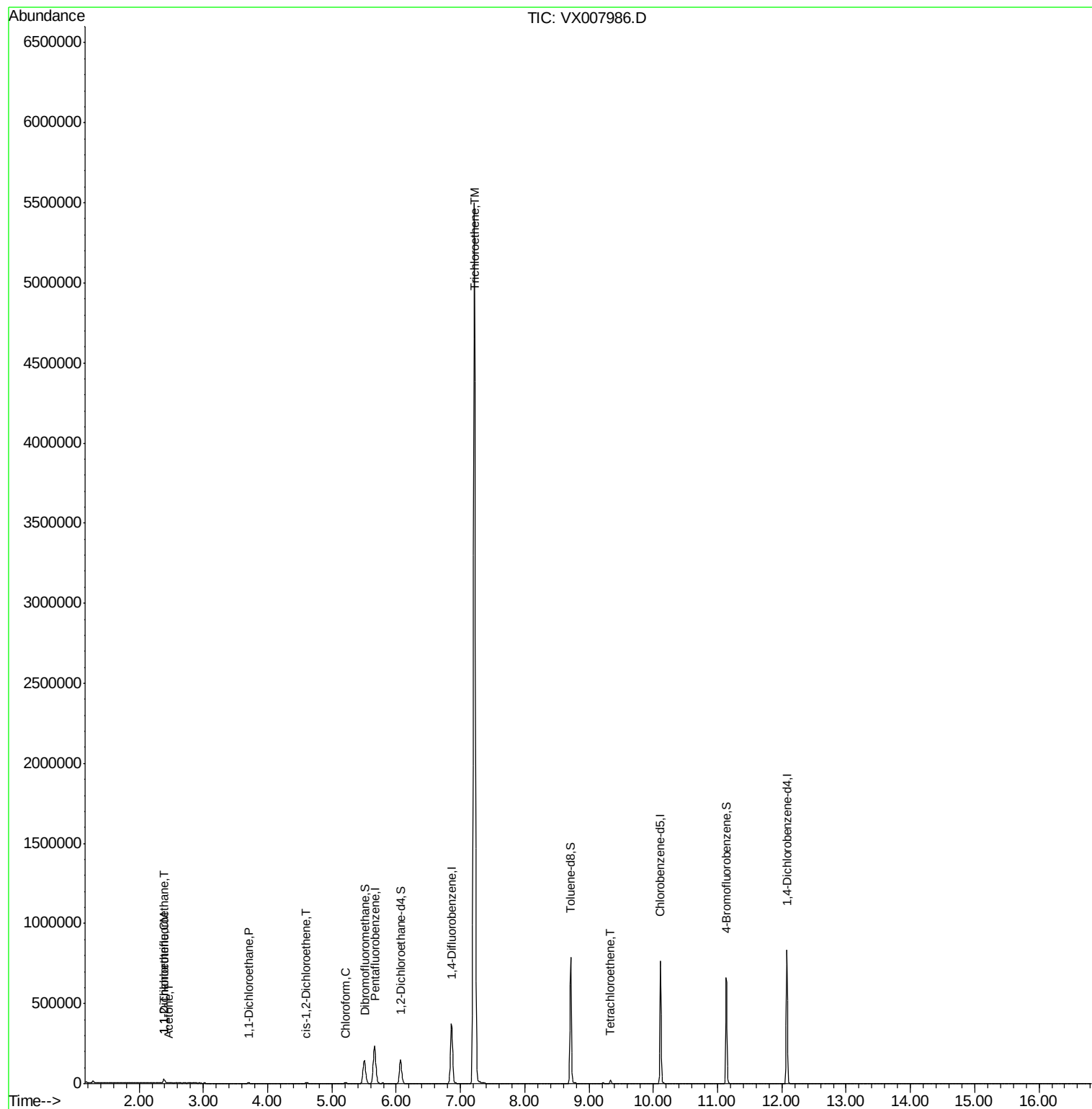
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	394092	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	374949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183515	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	138462	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
35) Dibromofluoromethane	5.50	113	126849	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
50) Toluene-d8	8.71	98	477832	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	11.13	95	177484	54.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.36%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	8814	3.976	ug/l	96
12) 1,1-Dichloroethene	2.38	96	2796	1.309	ug/l	90
16) Acetone	2.45	43	2762	1.801	ug/l	90
24) 1,1-Dichloroethane	3.70	63	3298	0.745	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	3664	1.362	ug/l	92
30) Chloroform	5.21	83	3580	0.854	ug/l	88
44) Trichloroethene	7.21	130	2302986	786.644	ug/l	99
64) Tetrachloroethene	9.34	164	4346	1.399	ug/l	94

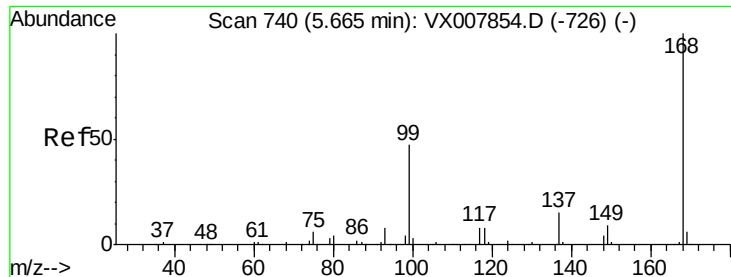
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007986.D

Acq: 11 Mar 2019 22:30

Instrument :

MSVOA_X

ClientSampleId :

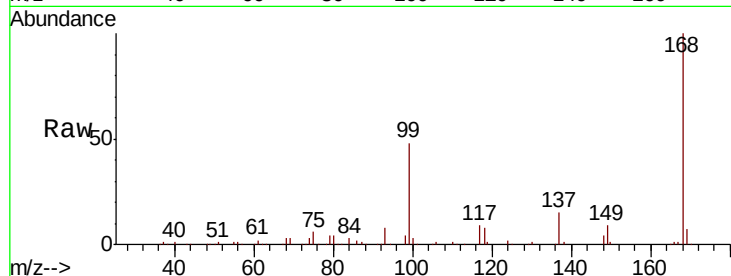
RE103D2-20190308

Tgt Ion:168 Resp: 251129

Ion Ratio Lower Upper

168 100

99 47.9 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

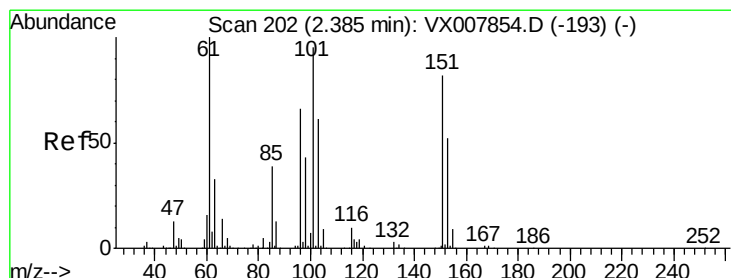
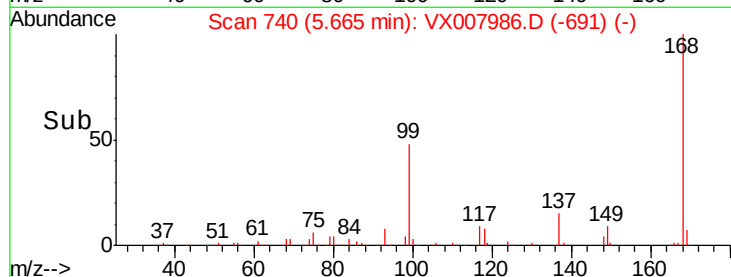
40000

20000

0

Time-->

5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.976 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007986.D

Acq: 11 Mar 2019 22:30

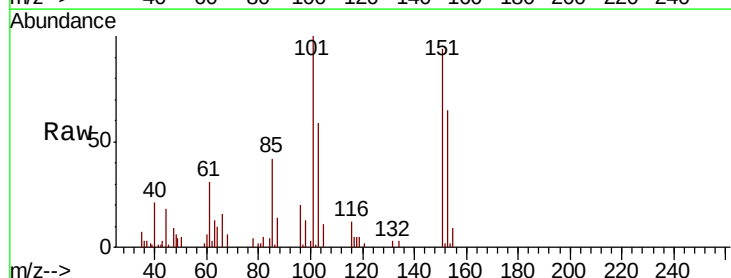
Tgt Ion:101 Resp: 8814

Ion Ratio Lower Upper

101 100

85 44.2 33.8 50.6

151 90.3 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

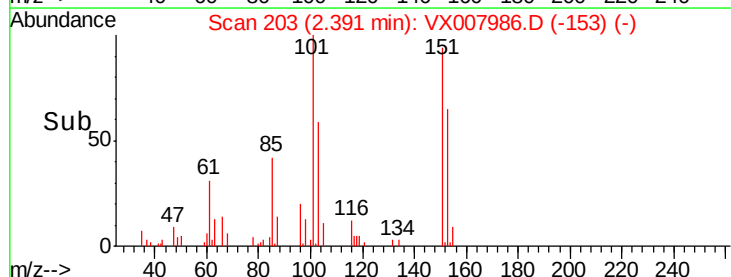
2000

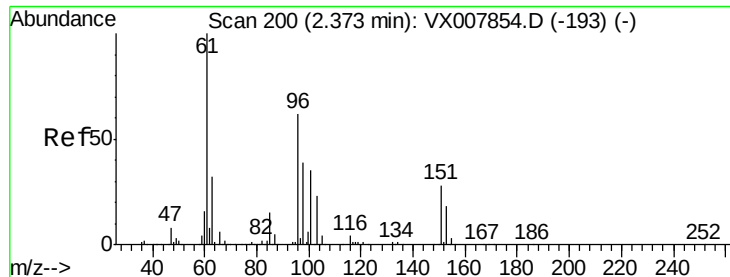
1000

0

Time-->

2.30 2.35 2.40 2.45





#12

1,1-Dichloroethene

Concen: 1.309 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX007986.D

Acq: 11 Mar 2019 22:30

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20190308

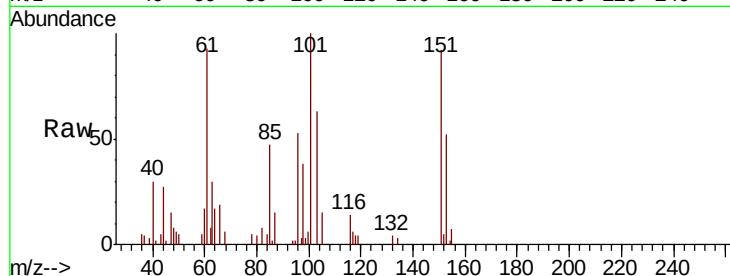
Tgt Ion: 96 Resp: 2796

Ion Ratio Lower Upper

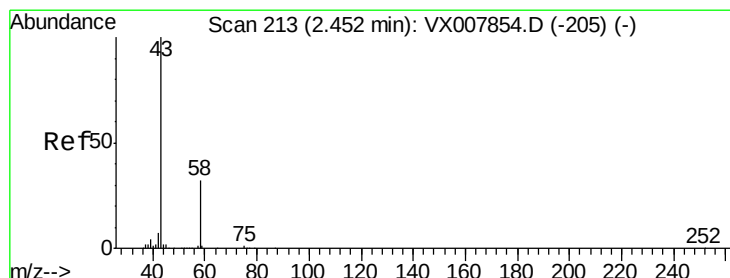
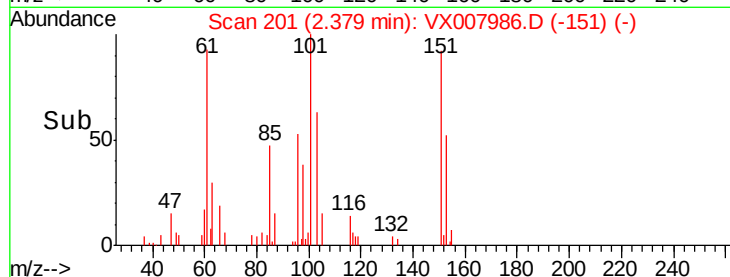
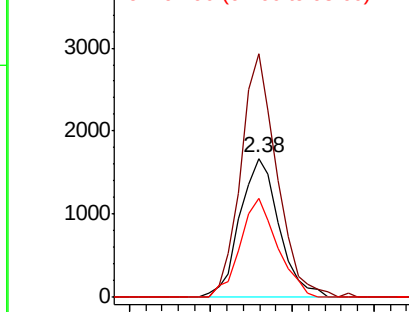
96 100

61 175.5 129.8 194.6

98 71.3 51.0 76.6



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



#16

Acetone

Concen: 1.801 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007986.D

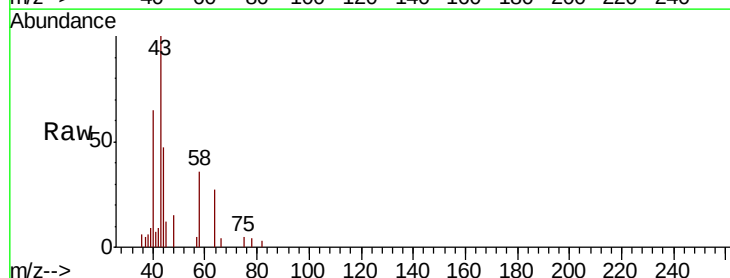
Acq: 11 Mar 2019 22:30

Tgt Ion: 43 Resp: 2762

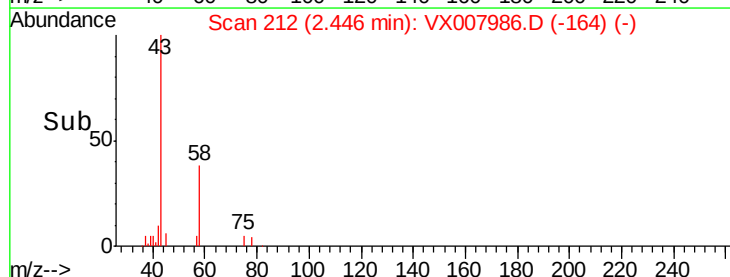
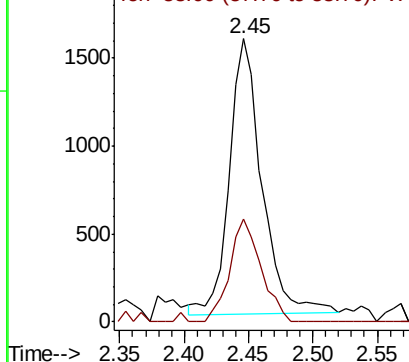
Ion Ratio Lower Upper

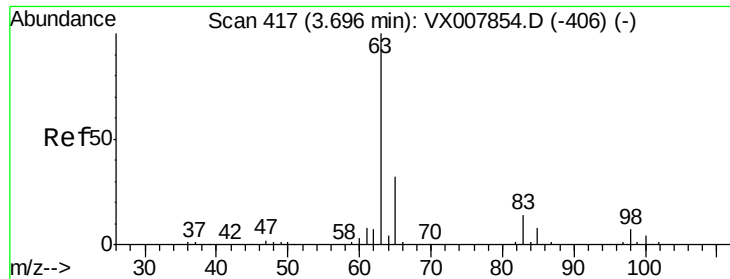
43 100

58 37.6 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

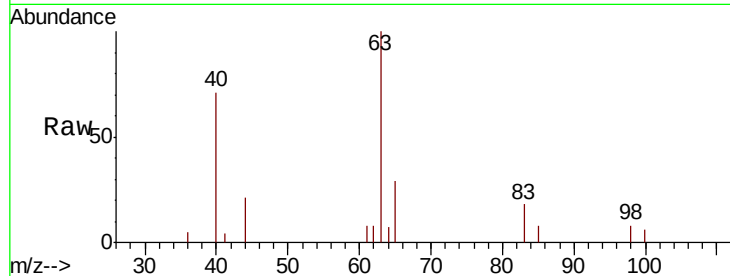




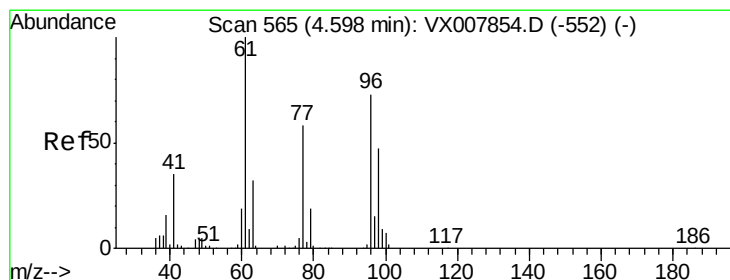
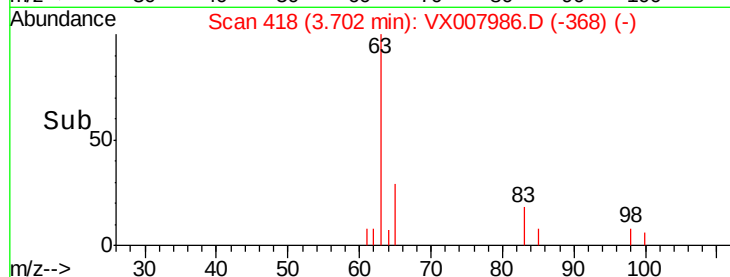
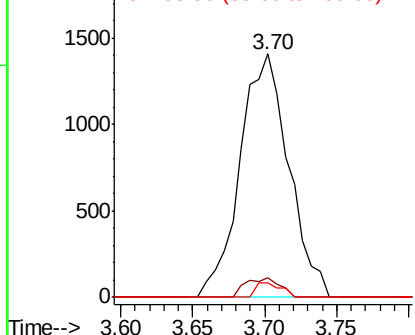
#24
 1,1-Dichloroethane
 Concen: 0.745 ug/l
 RT: 3.70 min Scan# 418
 Delta R.T. 0.01 min
 Lab File: VX007986.D
 Acq: 11 Mar 2019 22:30

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20190308

Tgt Ion: 63 Resp: 3298
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.3 9.8
 100 6.1 2.3 6.8

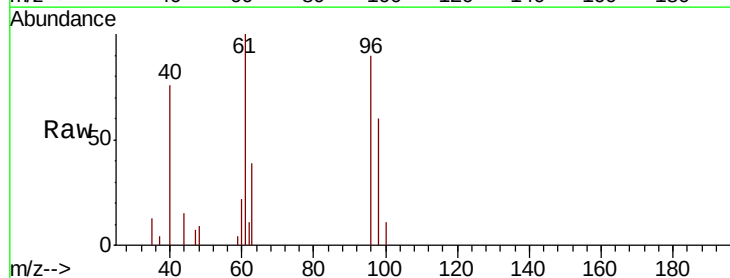


Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0
 Ion 99.90 (99.60 to 100.60): VX0

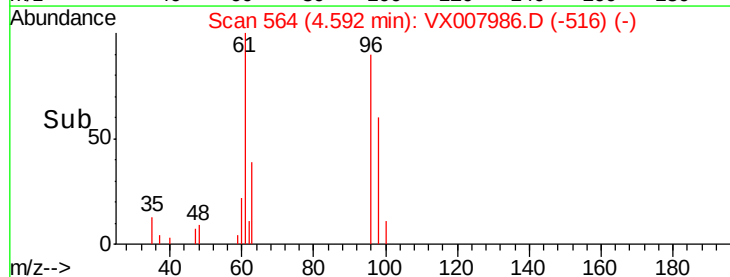
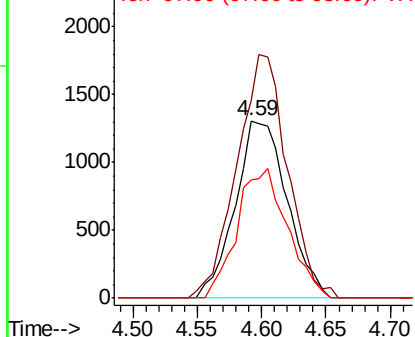


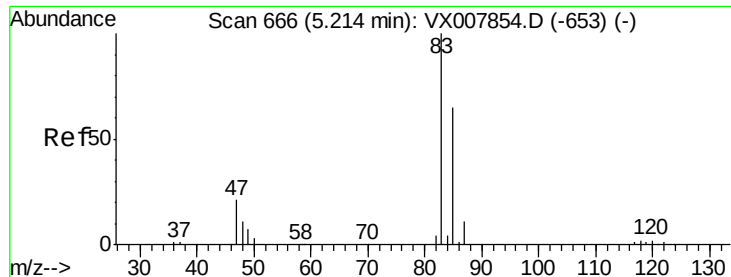
#27
 cis-1,2-Dichloroethene
 Concen: 1.362 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX007986.D
 Acq: 11 Mar 2019 22:30

Tgt Ion: 96 Resp: 3664
 Ion Ratio Lower Upper
 96 100
 61 133.2 0.0 288.0
 98 70.6 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

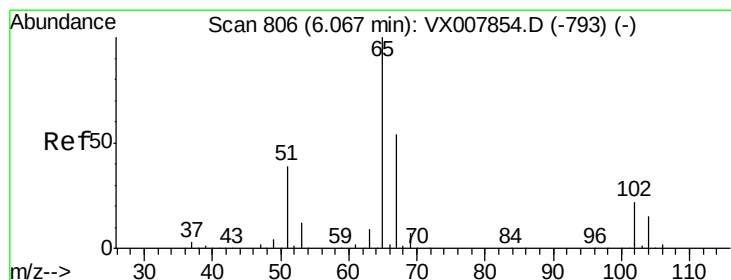
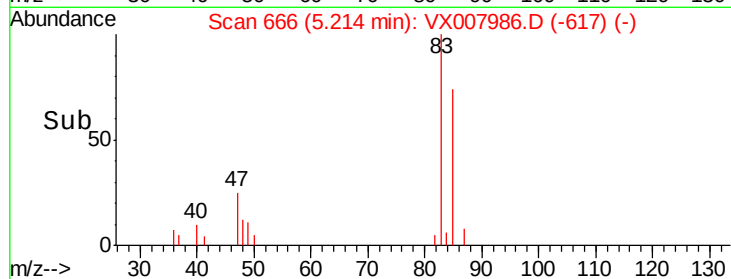
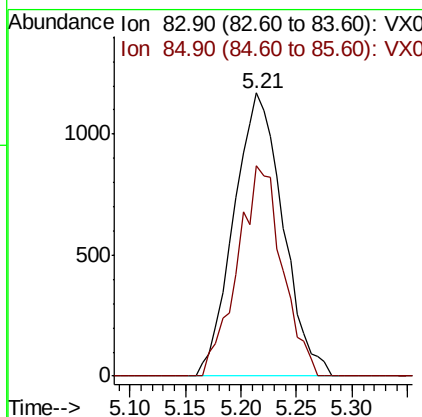
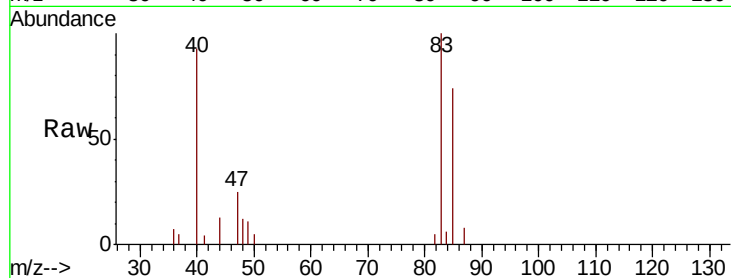




#30
Chloroform
Concen: 0.854 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007986.D
Acq: 11 Mar 2019 22:30

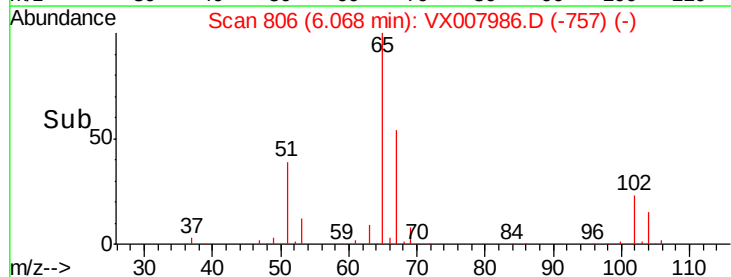
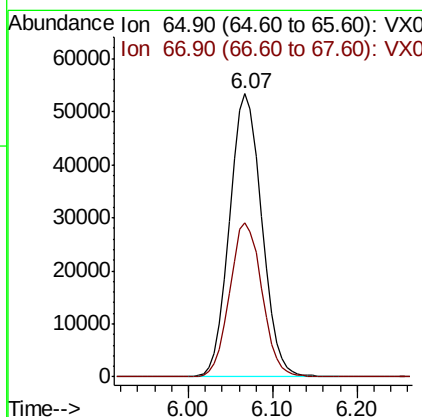
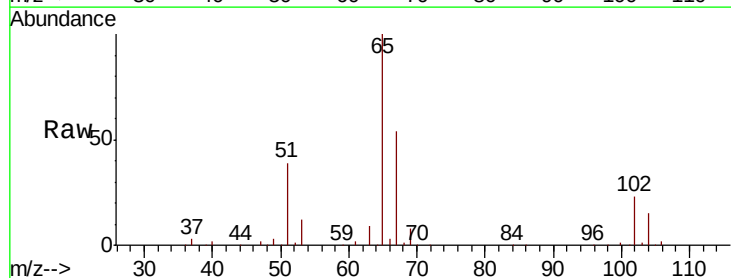
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20190308

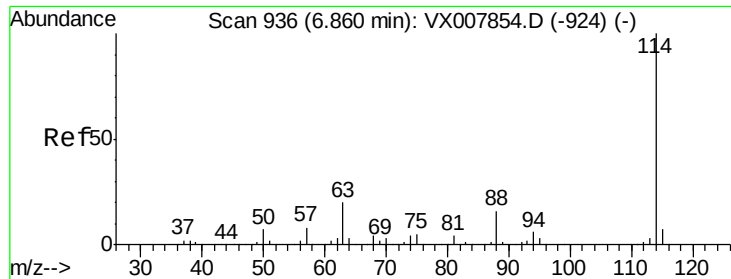
Tgt Ion: 83 Resp: 3580
Ion Ratio Lower Upper
83 100
85 74.3 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 52.266 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007986.D
Acq: 11 Mar 2019 22:30

Tgt Ion: 65 Resp: 138462
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.0

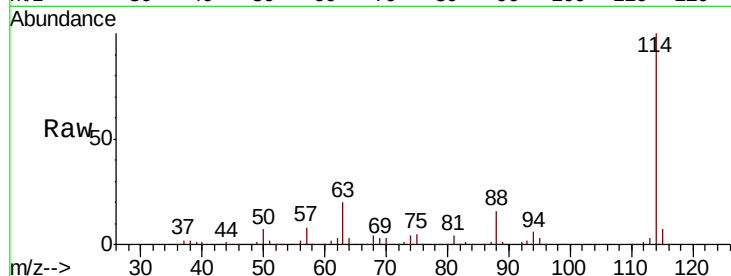




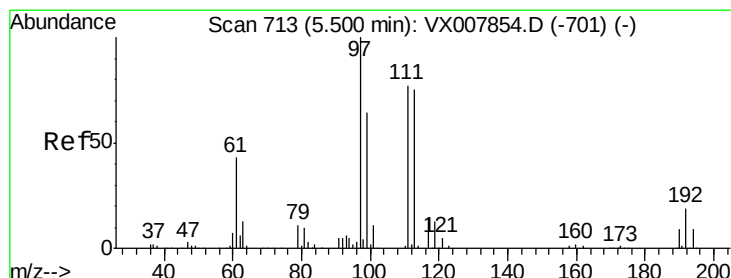
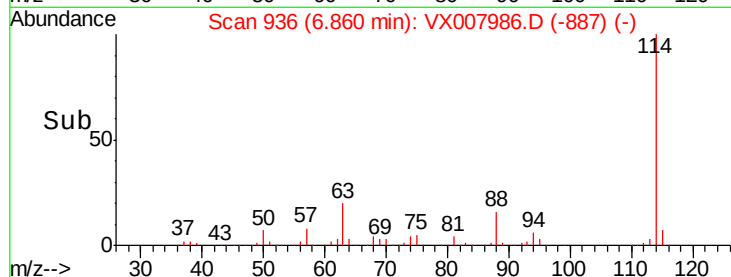
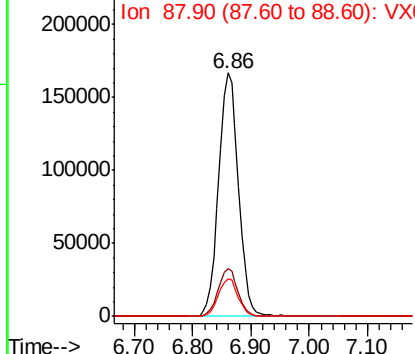
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007986.D
 Acq: 11 Mar 2019 22:30

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20190308

Tgt Ion:114 Resp: 394092
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.5 0.0 31.4

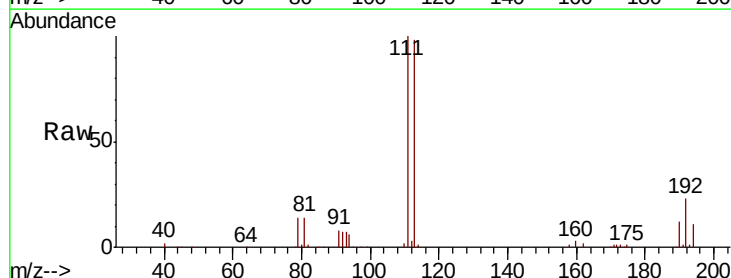


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

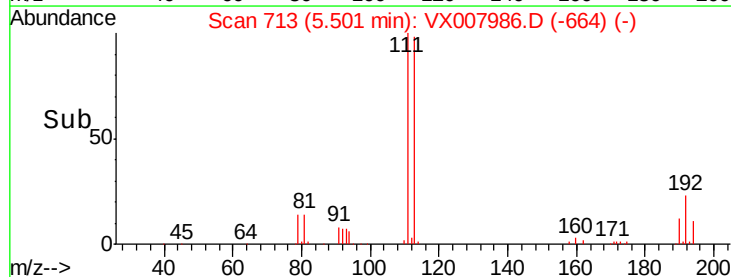
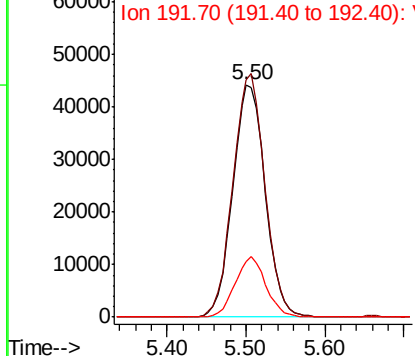


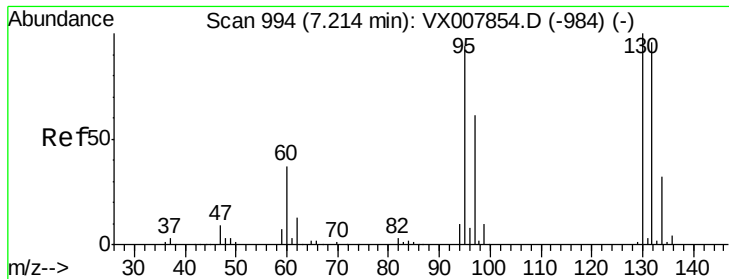
#35
 Dibromofluoromethane
 Concen: 50.319 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007986.D
 Acq: 11 Mar 2019 22:30

Tgt Ion:113 Resp: 126849
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.0
 192 24.5 19.4 29.0



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

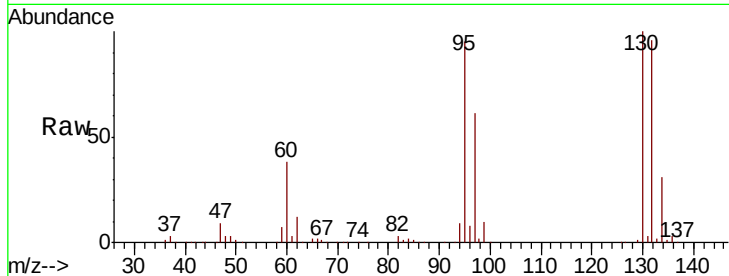




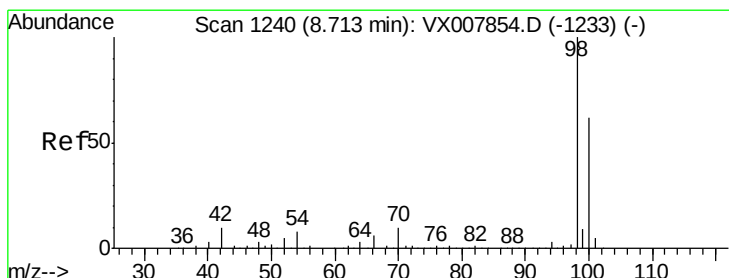
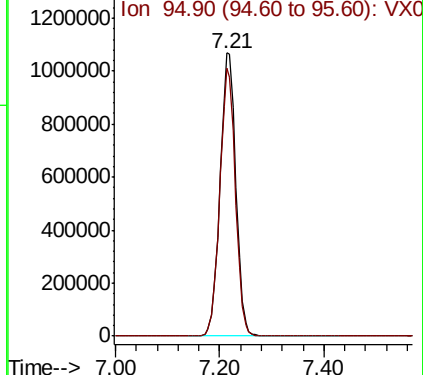
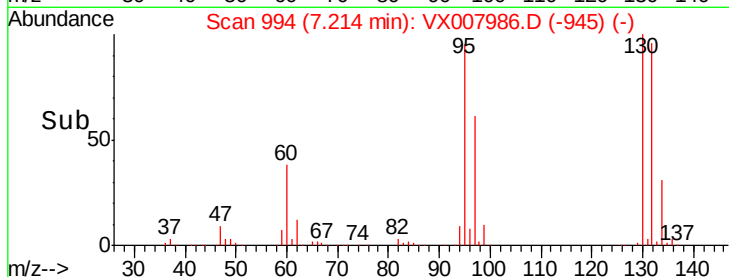
#44
 Trichloroethene
 Concen: 786.644 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007986.D
 Acq: 11 Mar 2019 22:30

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20190308

Tgt Ion:130 Resp: 2302986
 Ion Ratio Lower Upper
 130 100
 95 94.8 0.0 188.0

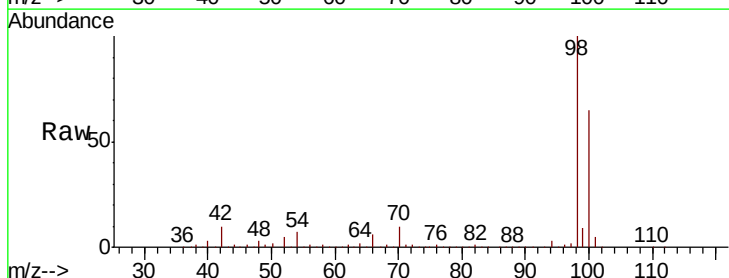


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

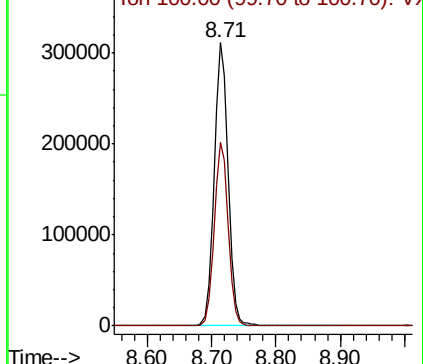
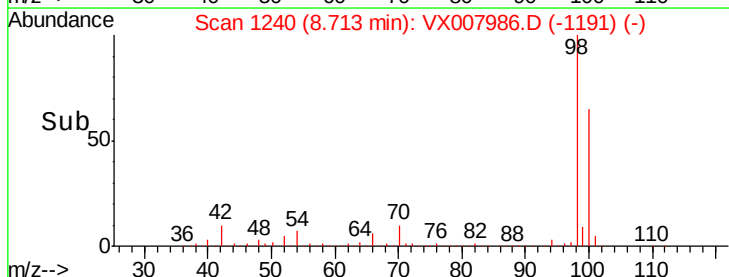


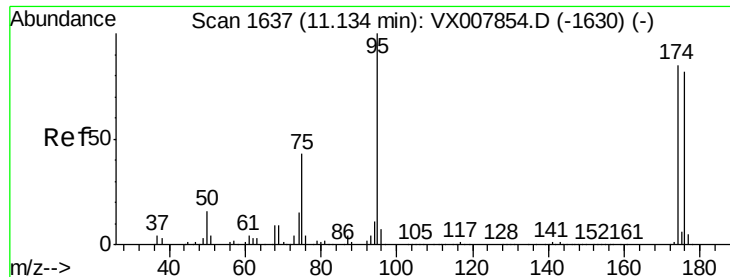
#50
 Toluene-d8
 Concen: 51.613 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX007986.D
 Acq: 11 Mar 2019 22:30

Tgt Ion: 98 Resp: 477832
 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: 54.680 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007986.D

Acq: 11 Mar 2019 22:30

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20190308

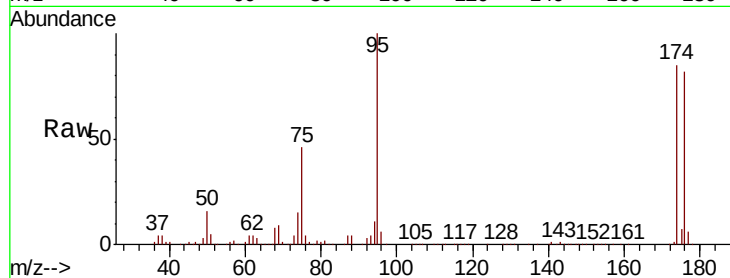
Tgt Ion: 95 Resp: 177484

Ion Ratio Lower Upper

95 100

174 92.6 0.0 182.8

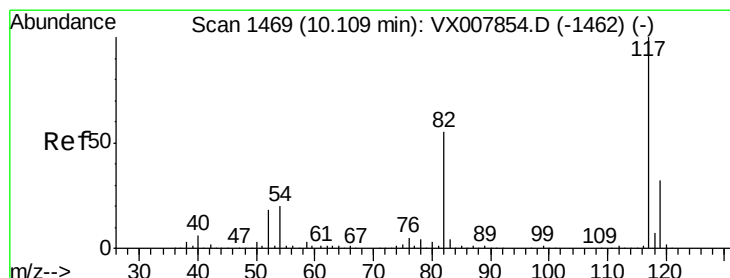
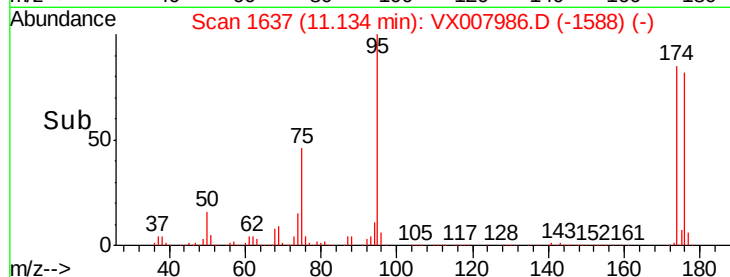
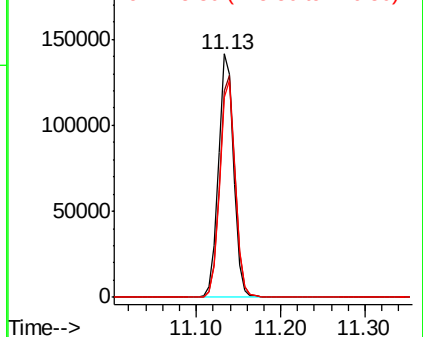
176 90.2 0.0 178.0



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: VX007986.D

Acq: 11 Mar 2019 22:30

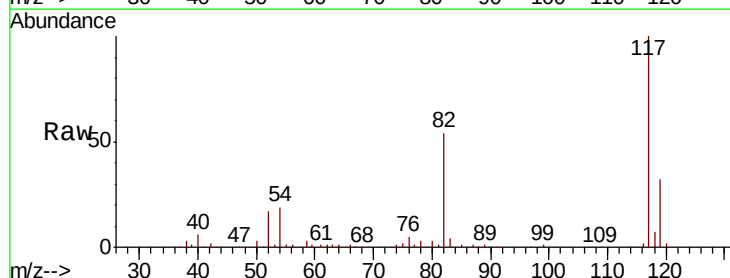
Tgt Ion: 117 Resp: 374949

Ion Ratio Lower Upper

117 100

82 54.2 44.3 66.5

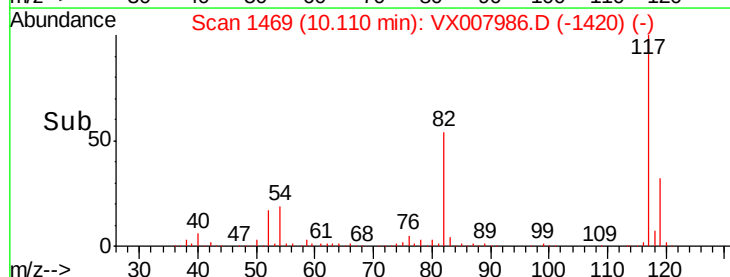
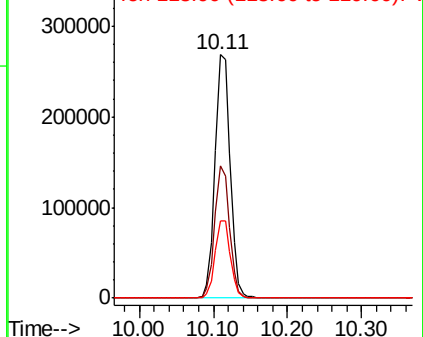
119 31.7 25.3 37.9

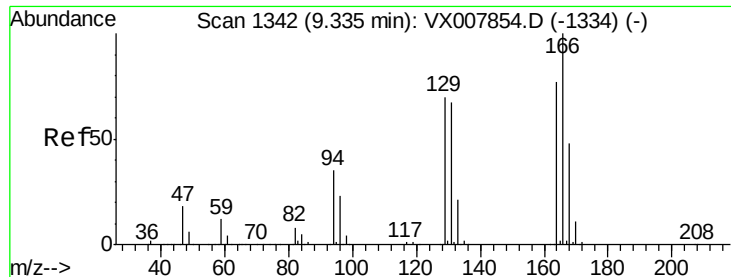


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

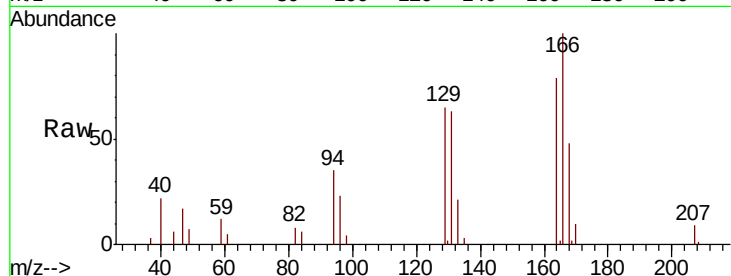




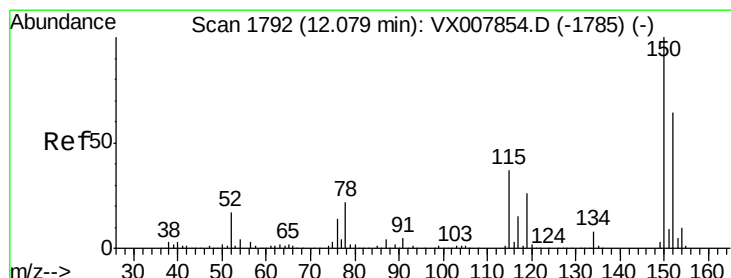
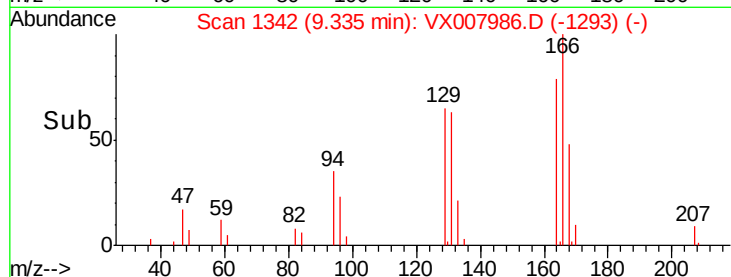
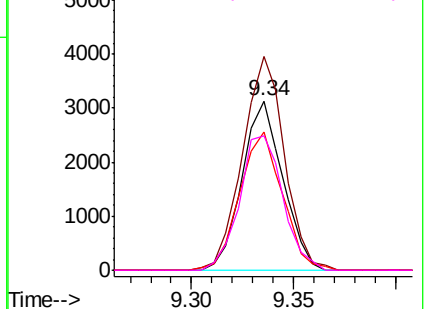
#64
Tetrachloroethene
Concen: 1.399 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007986.D
Acq: 11 Mar 2019 22:30

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20190308

Tgt Ion:164 Resp: 4346
Ion Ratio Lower Upper
164 100
166 126.0 103.4 155.0
129 81.7 72.2 108.4
131 79.4 69.4 104.2

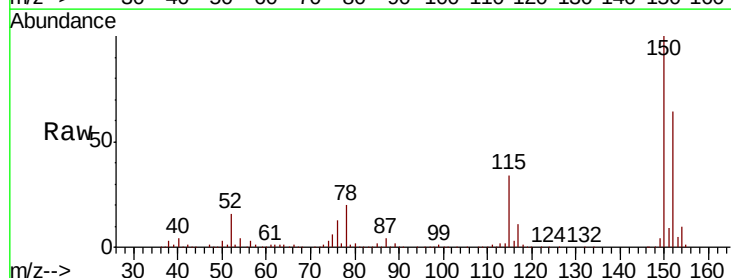


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007986.D
Acq: 11 Mar 2019 22:30

Tgt Ion:152 Resp: 183515
Ion Ratio Lower Upper
152 100
115 54.9 38.6 115.7
150 156.3 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

