

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
 Data File : VX007985.D
 Acq On : 11 Mar 2019 22:03
 Operator : JC/SP
 Sample : K1841-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20190308

Quant Time: Mar 12 09:20:25 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	250960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	393359	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	373411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	180969	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	138233	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
35) Dibromofluoromethane	5.51	113	128409	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
50) Toluene-d8	8.71	98	477441	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	11.13	95	175433	54.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.30%	

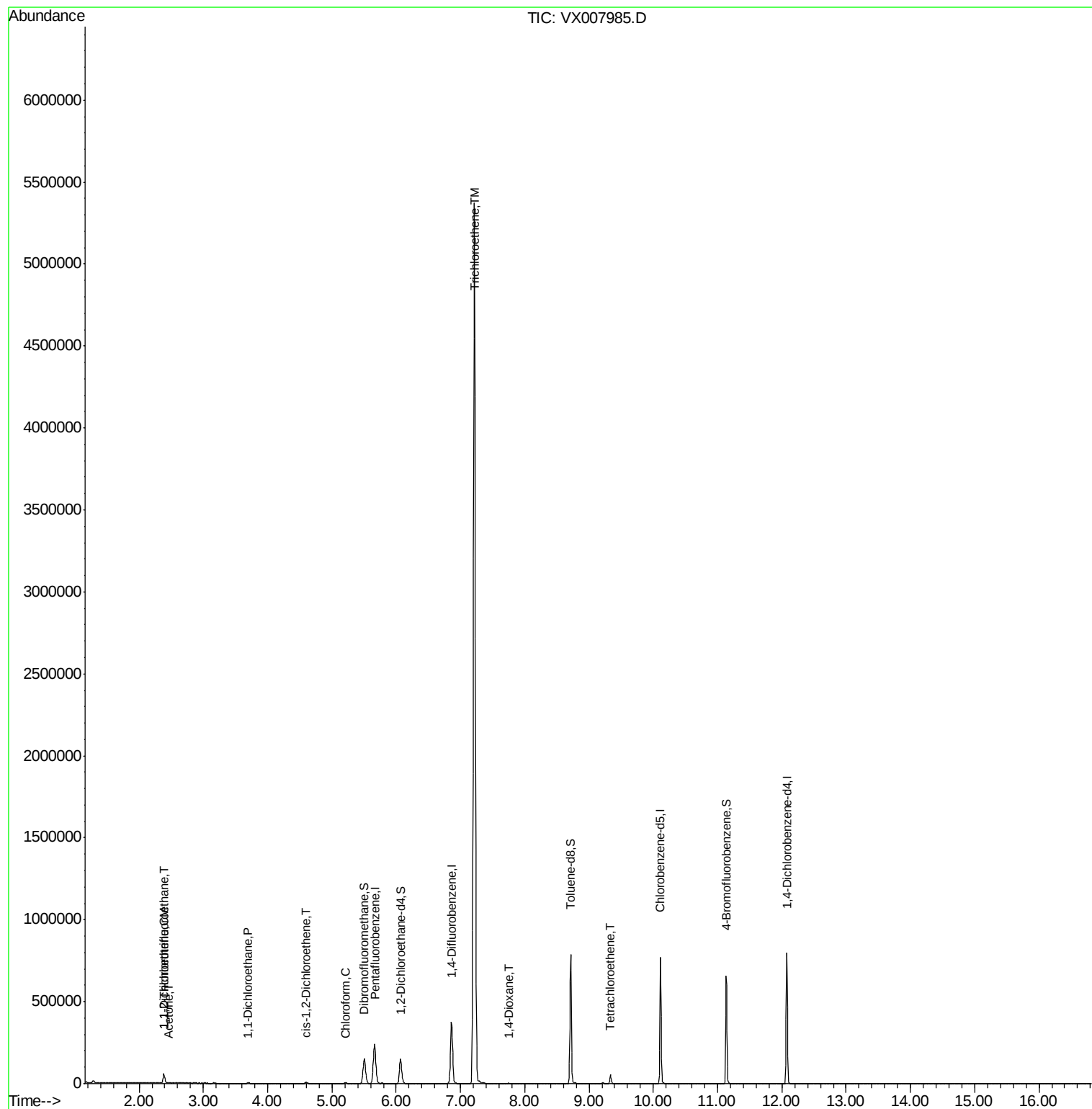
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	15632	7.057	ug/l	98
12) 1,1-Dichloroethene	2.38	96	9016	4.223	ug/l	98
16) Acetone	2.45	43	2742	1.789	ug/l	93
24) 1,1-Dichloroethane	3.70	63	3802	0.859	ug/l #	92
27) cis-1,2-Dichloroethene	4.60	96	4985	1.854	ug/l	90
30) Chloroform	5.21	83	3077	0.735	ug/l	98
44) Trichloroethene	7.21	130	2226046	761.780	ug/l	99
49) 1,4-Dioxane	7.75	88	1472	21.788	ug/l	93
64) Tetrachloroethene	9.34	164	11606	3.751	ug/l	99

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

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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: VX007985.D

Acq: 11 Mar 2019 22:03

Instrument :

MSVOA_X

ClientSampleId :

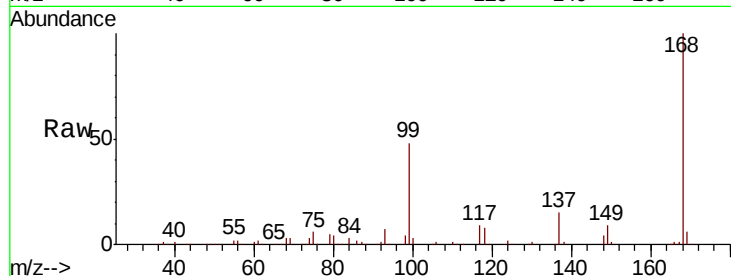
RE103D1-20190308

Tgt Ion:168 Resp: 250960

Ion Ratio Lower Upper

168 100

99 47.6 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

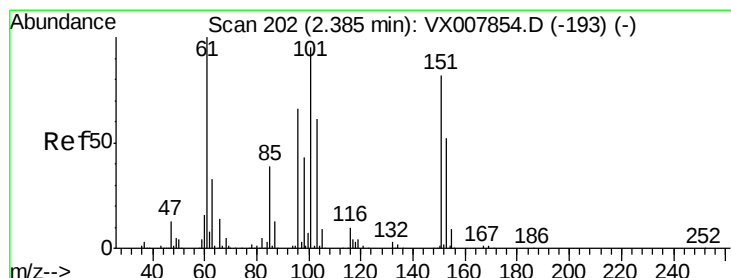
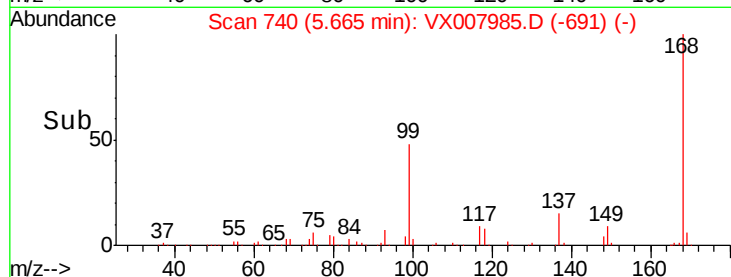
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 7.057 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

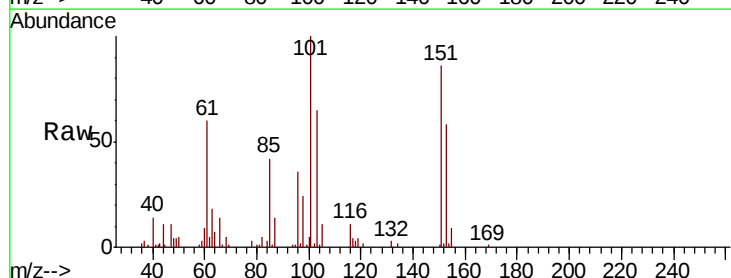
Tgt Ion:101 Resp: 15632

Ion Ratio Lower Upper

101 100

85 40.9 33.8 50.6

151 88.1 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

10000

8000

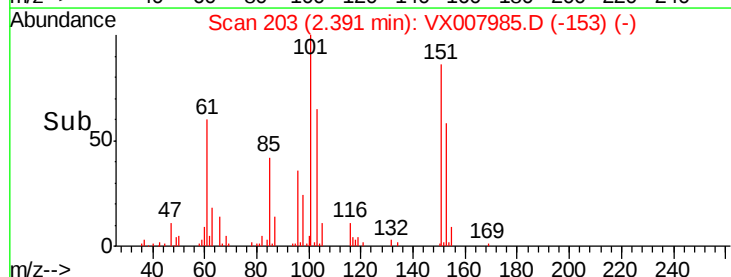
6000

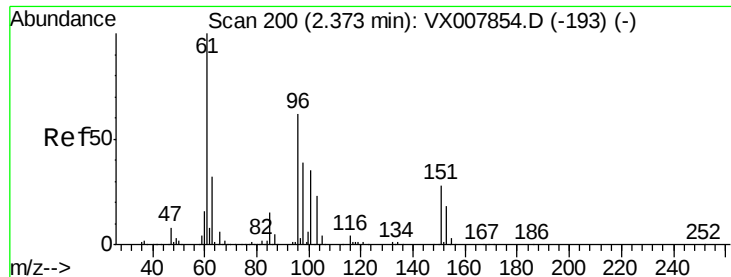
4000

2000

0

Time--> 2.30 2.35 2.40 2.45 2.50

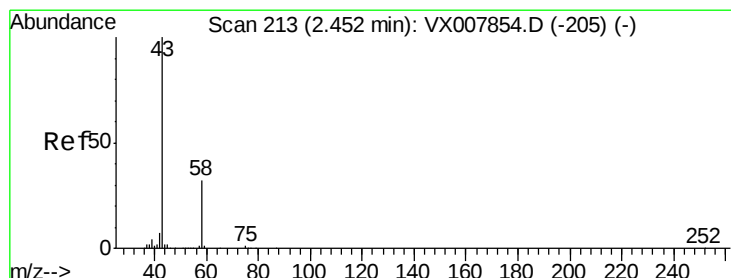
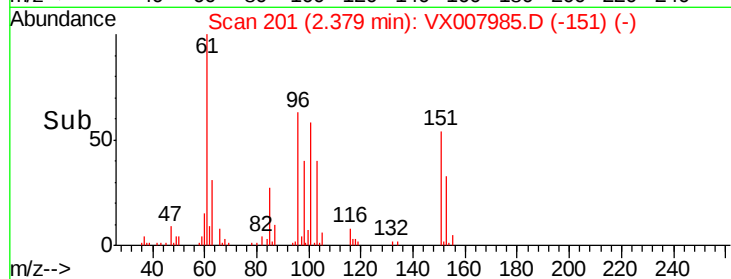
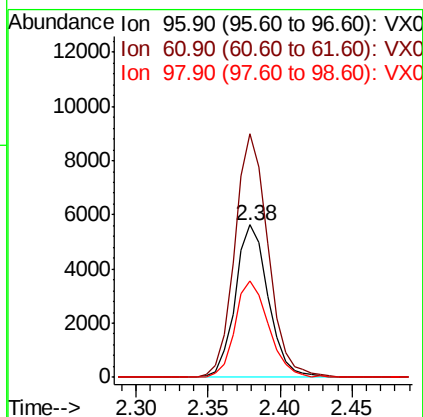
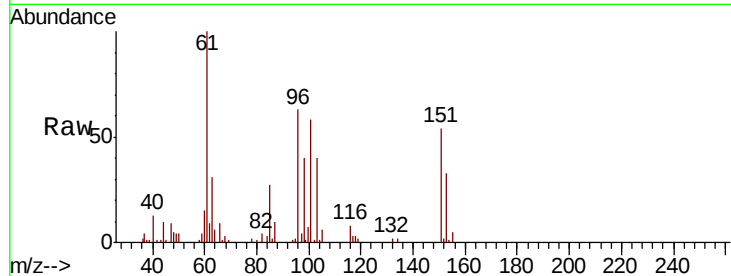




#12
 1,1-Dichloroethene
 Concen: 4.223 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007985.D
 Acq: 11 Mar 2019 22:03

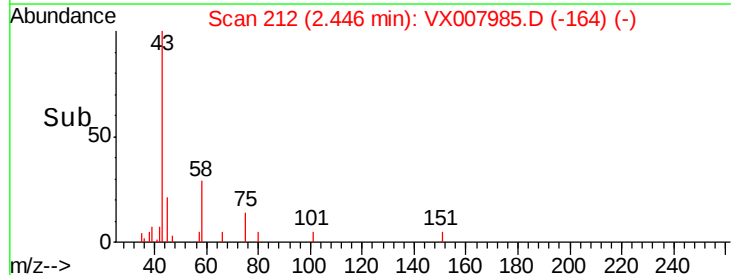
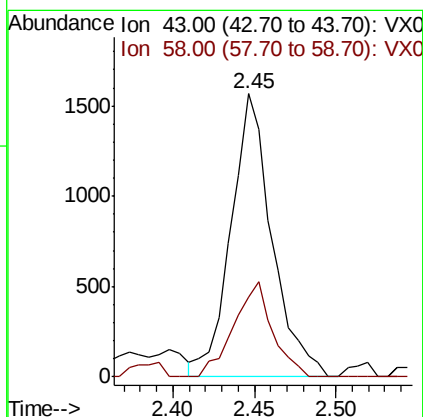
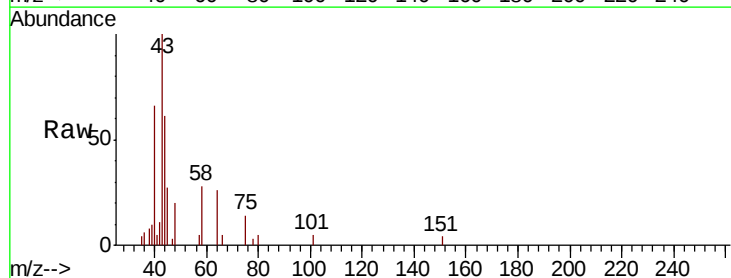
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20190308

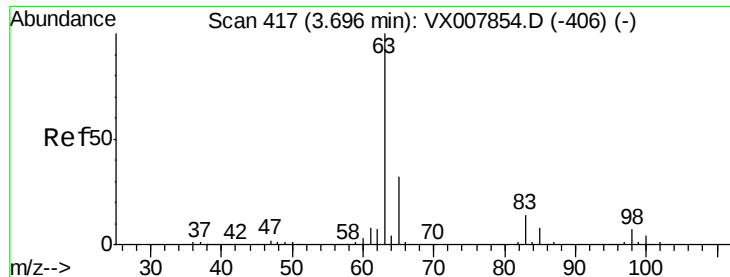
Tgt Ion: 96 Resp: 9016
 Ion Ratio Lower Upper
 96 100
 61 159.6 129.8 194.6
 98 63.3 51.0 76.6



#16
 Acetone
 Concen: 1.789 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.01 min
 Lab File: VX007985.D
 Acq: 11 Mar 2019 22:03

Tgt Ion: 43 Resp: 2742
 Ion Ratio Lower Upper
 43 100
 58 28.2 25.5 38.3





#24

1,1-Dichloroethane

Concen: 0.859 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190308

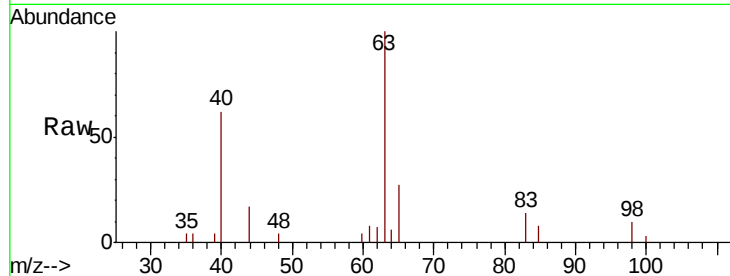
Tgt Ion: 63 Resp: 3802

Ion Ratio Lower Upper

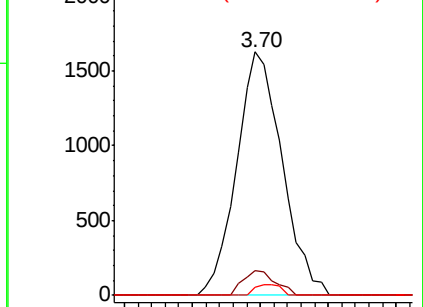
63 100

98 10.2 3.3 9.8#

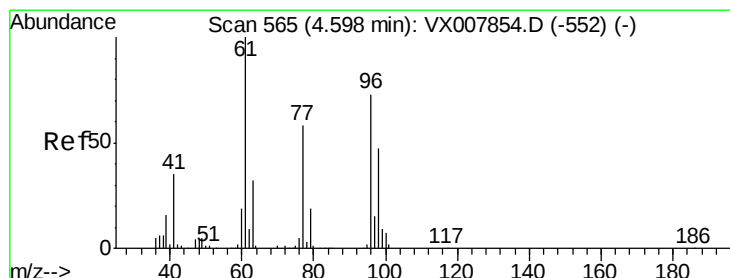
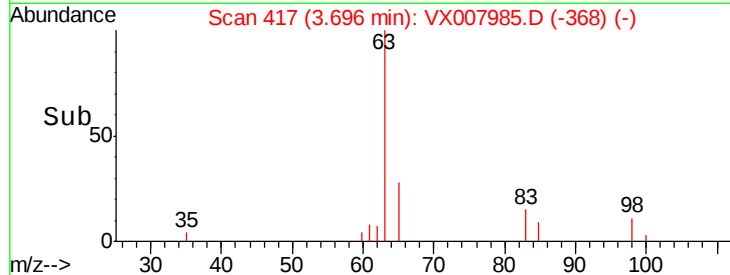
100 3.2 2.3 6.8



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



Time-->



#27

cis-1,2-Dichloroethene

Concen: 1.854 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

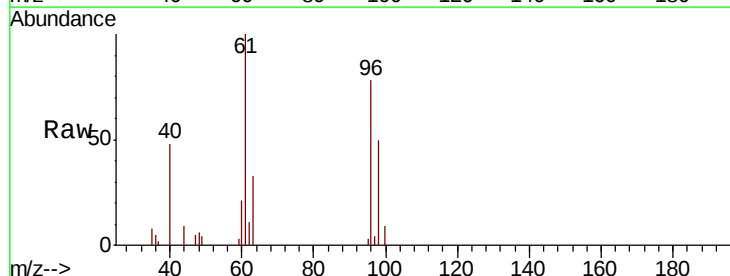
Tgt Ion: 96 Resp: 4985

Ion Ratio Lower Upper

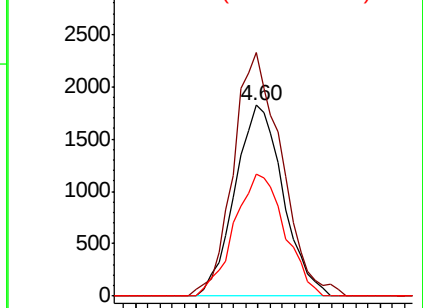
96 100

61 127.5 0.0 288.0

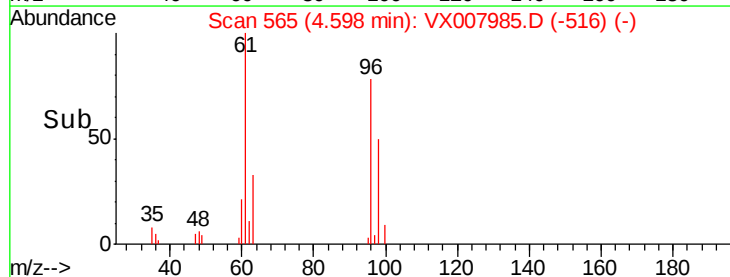
98 67.0 0.0 129.0

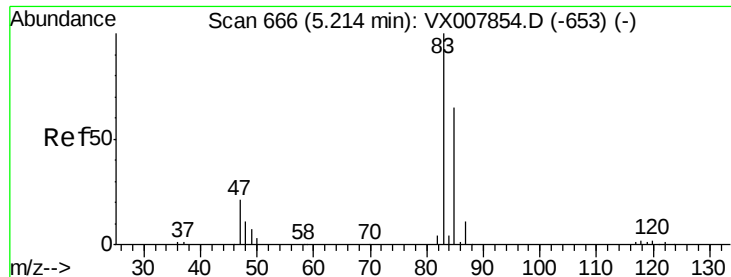


Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



Time-->

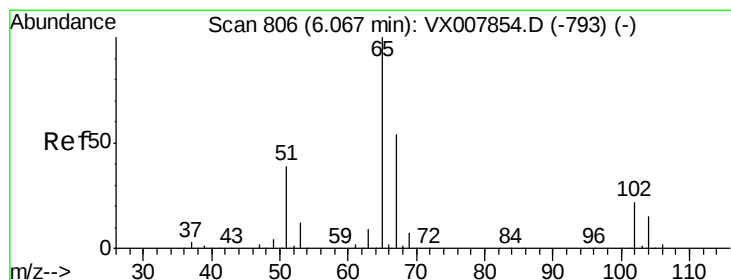
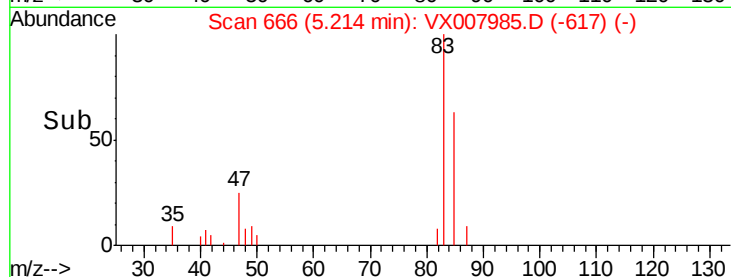
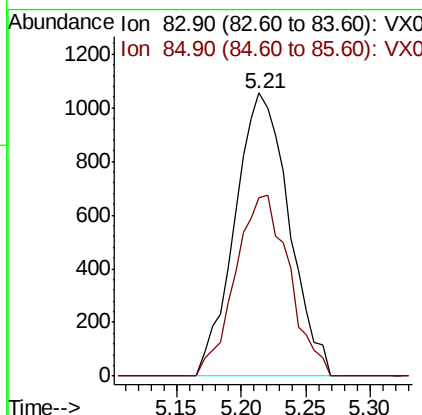
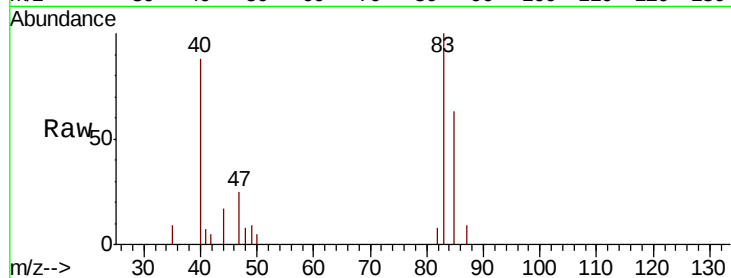




#30
 Chloroform
 Concen: 0.735 ug/l
 RT: 5.21 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: VX007985.D
 Acq: 11 Mar 2019 22:03

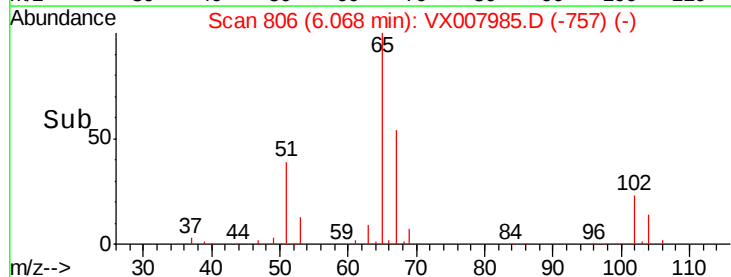
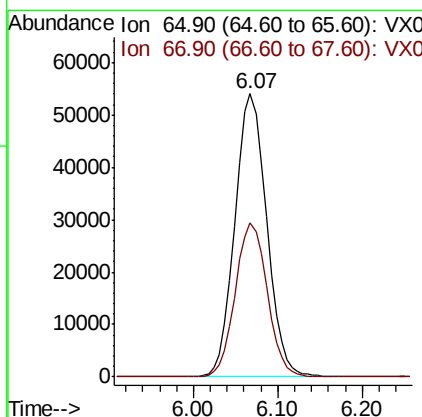
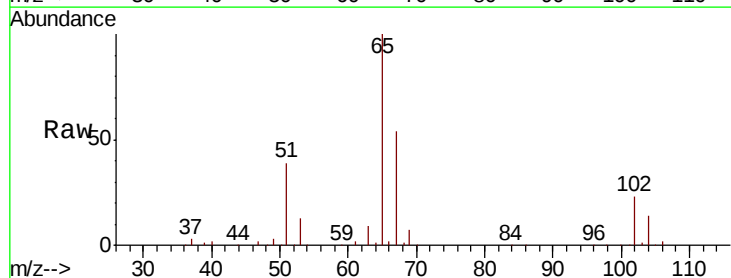
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20190308

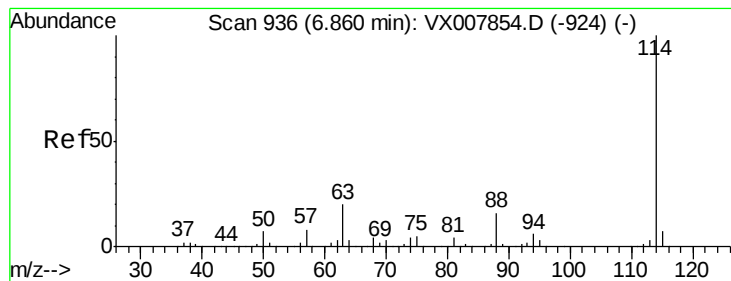
Tgt Ion: 83 Resp: 3077
 Ion Ratio Lower Upper
 83 100
 85 62.8 51.8 77.6



#33
 1,2-Dichloroethane-d4
 Concen: 52.215 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007985.D
 Acq: 11 Mar 2019 22:03

Tgt Ion: 65 Resp: 138233
 Ion Ratio Lower Upper
 65 100
 67 54.5 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: VX007985.D

Acq: 11 Mar 2019 22:03

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190308

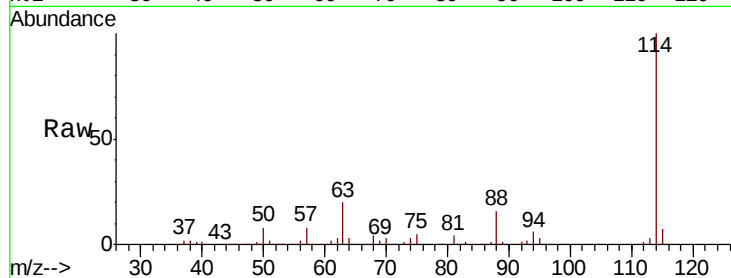
Tgt Ion:114 Resp: 393359

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.8

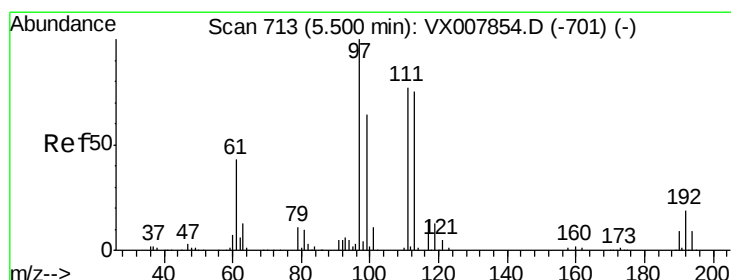
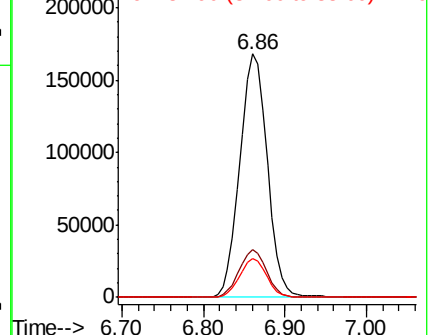
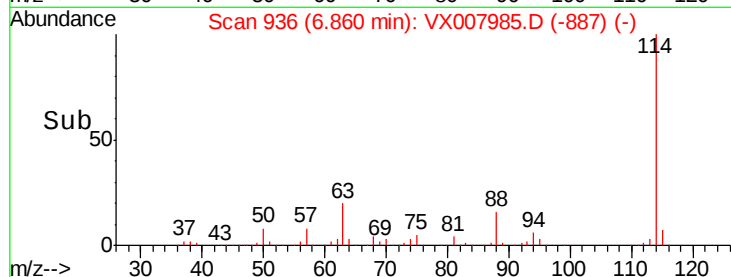
88 15.7 0.0 31.4



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: 51.033 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

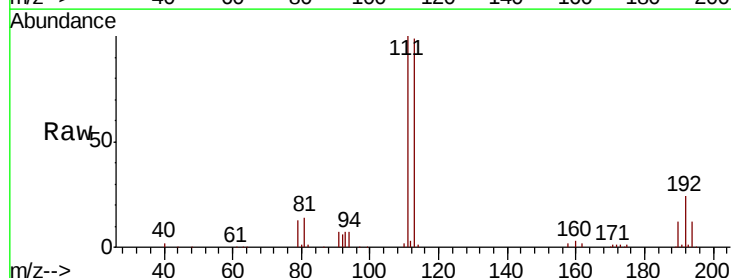
Tgt Ion:113 Resp: 128409

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

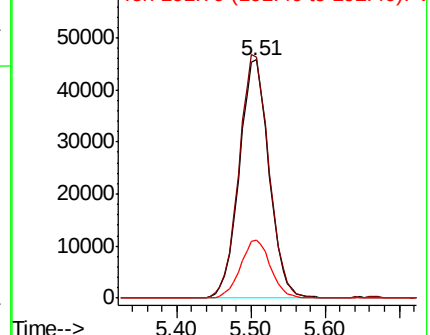
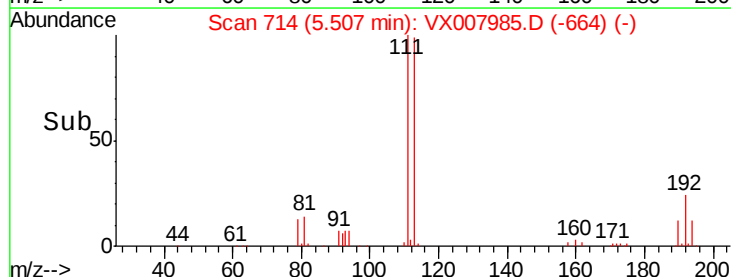
192 24.6 19.4 29.0

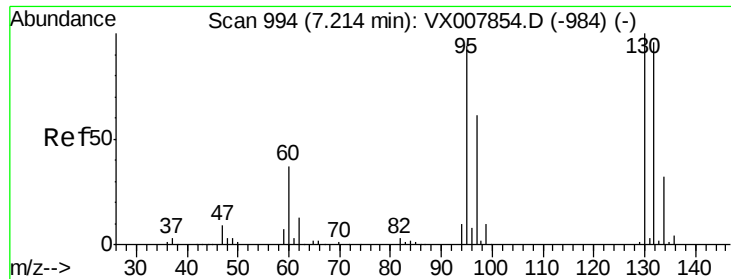


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

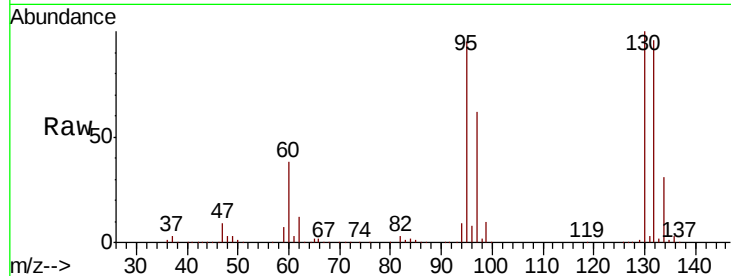




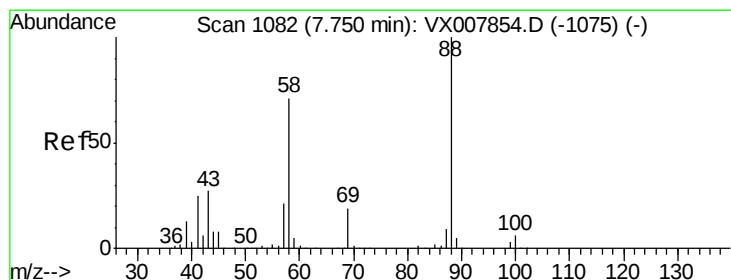
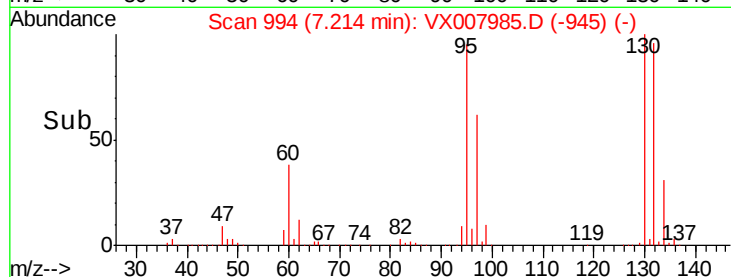
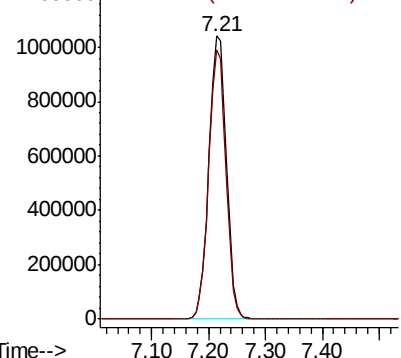
#44
 Trichloroethene
 Concen: 761.780 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007985.D
 Acq: 11 Mar 2019 22:03

Instrument :
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Tgt Ion:130 Resp: 2226046
 Ion Ratio Lower Upper
 130 100
 95 94.9 0.0 188.0

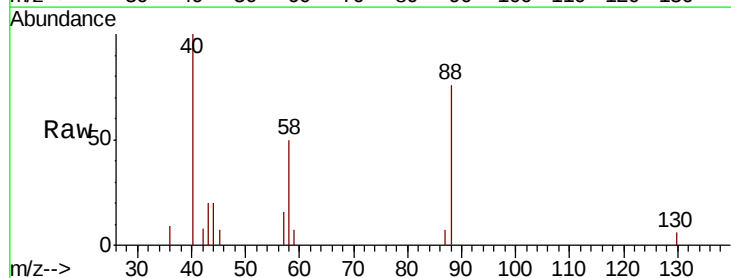


Abundance Ion 129.80 (129.50 to 130.50): V
 1200000 Ion 94.90 (94.60 to 95.60): VX0

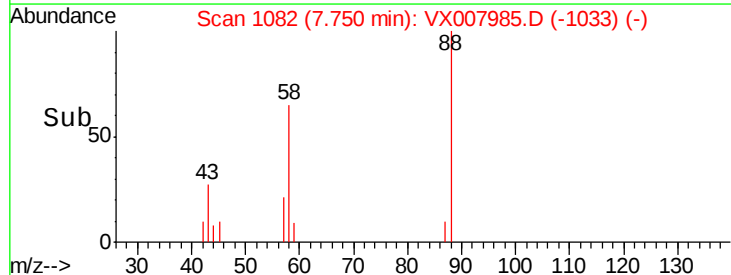
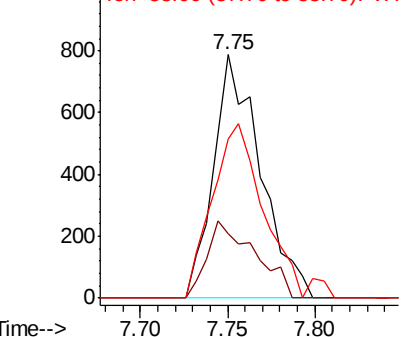


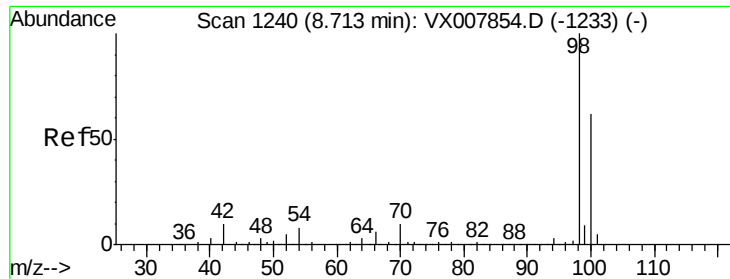
#49
 1,4-Dioxane
 Concen: 21.788 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX007985.D
 Acq: 11 Mar 2019 22:03

Tgt Ion: 88 Resp: 1472
 Ion Ratio Lower Upper
 88 100
 43 32.5 25.1 37.7
 58 80.4 57.8 86.6



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: 51.667 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

Instrument :

MSVOA_X

ClientSampleId :

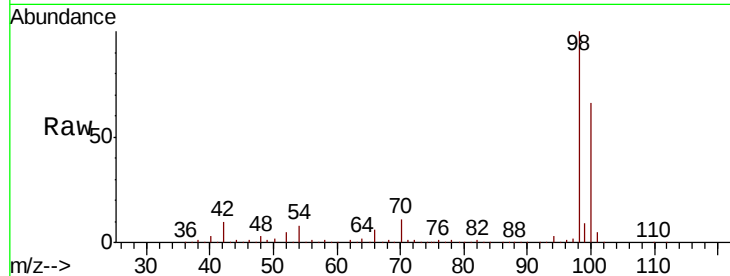
RE103D1-20190308

Tgt Ion: 98 Resp: 477441

Ion Ratio Lower Upper

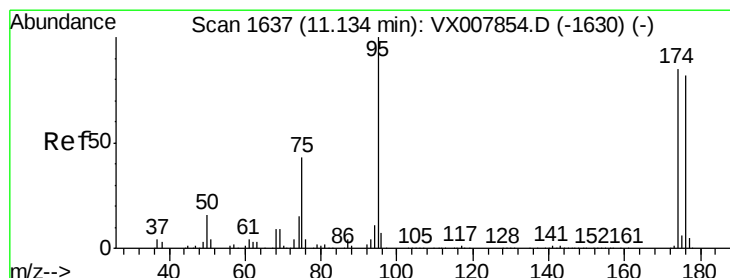
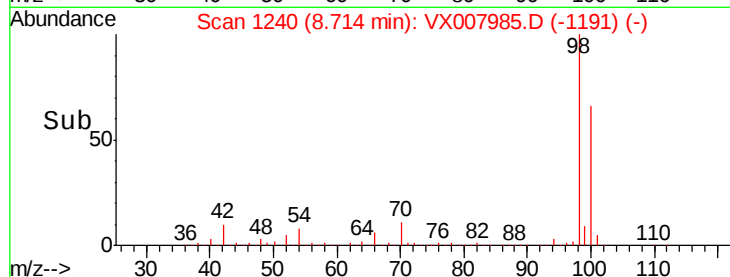
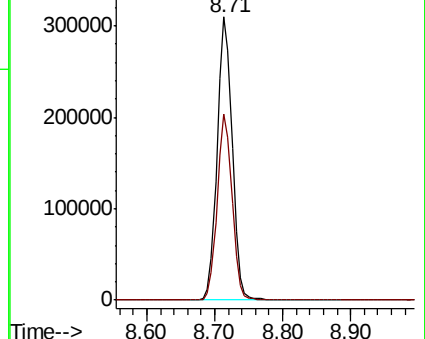
98 100

100 65.1 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: 54.148 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007985.D

Acq: 11 Mar 2019 22:03

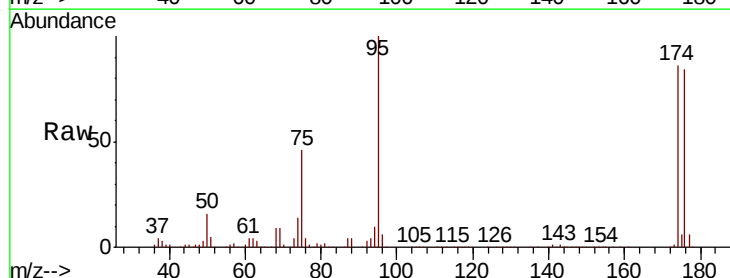
Tgt Ion: 95 Resp: 175433

Ion Ratio Lower Upper

95 100

174 91.9 0.0 182.8

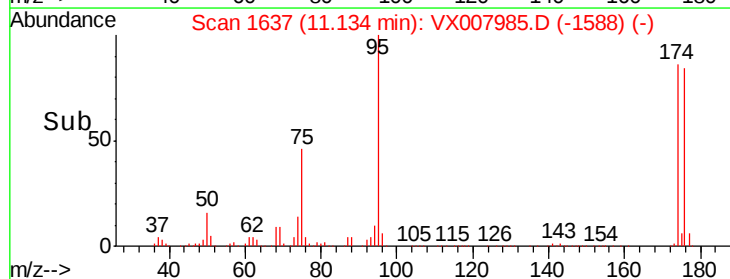
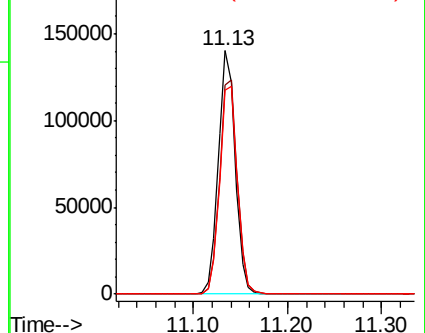
176 89.8 0.0 178.0

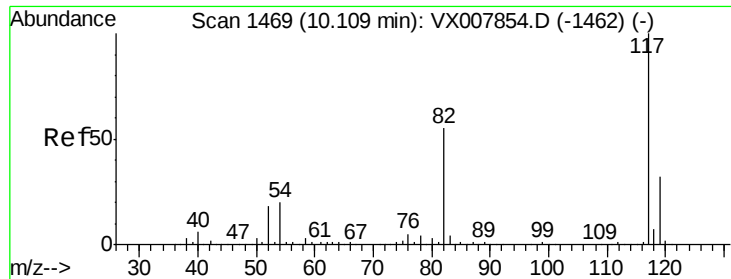


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

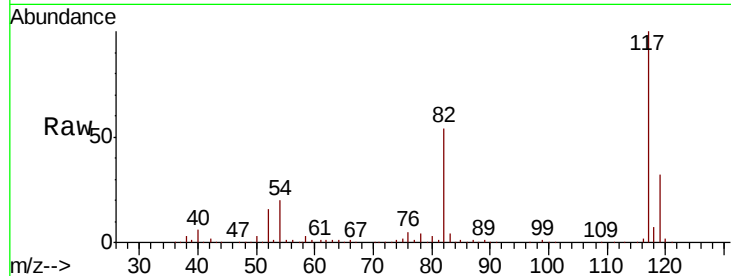




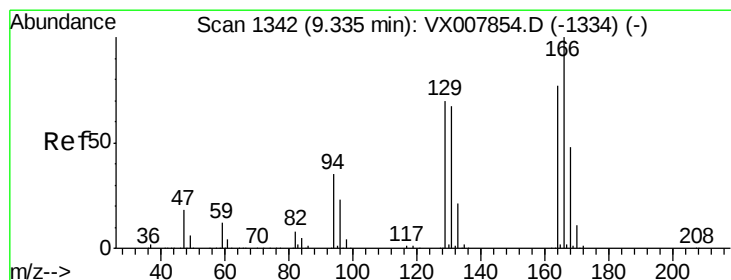
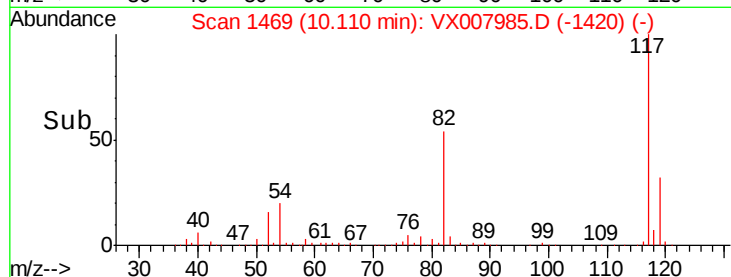
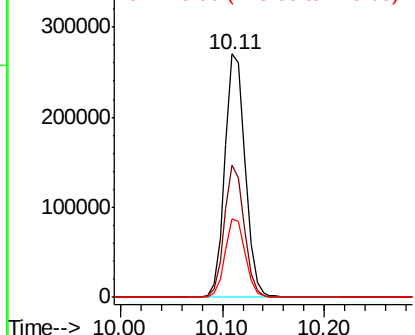
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190308

Tgt Ion:117 Resp: 373411
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 32.1 25.3 37.9



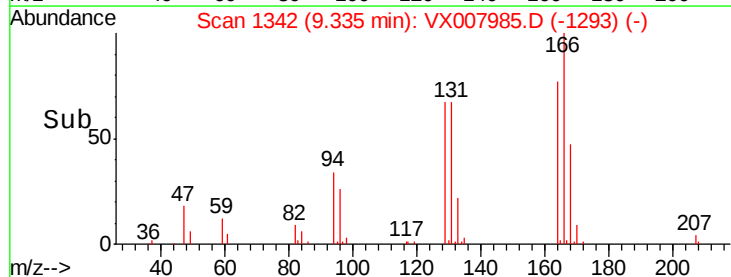
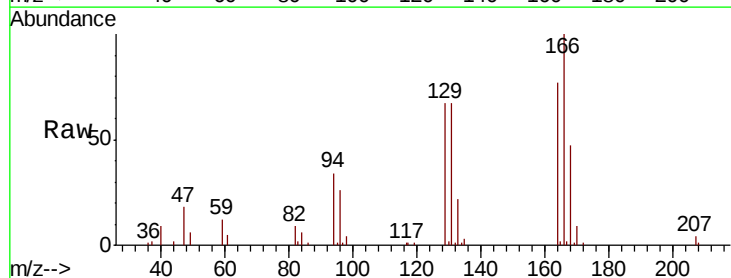
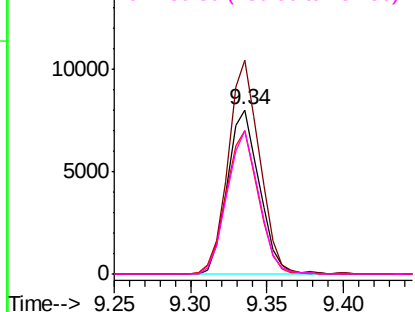
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

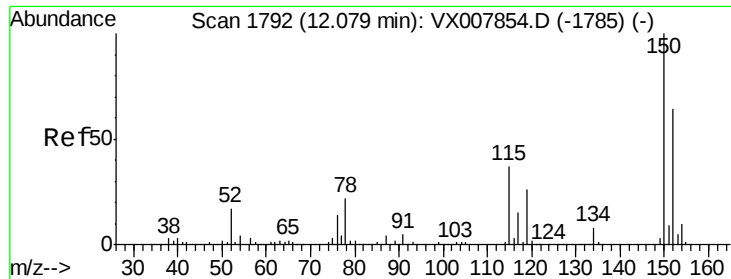


#64
Tetrachloroethene
Concen: 3.751 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Tgt Ion:164 Resp: 11606
Ion Ratio Lower Upper
164 100
166 130.1 103.4 155.0
129 87.4 72.2 108.4
131 87.5 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: VX007985.D
 Acq: 11 Mar 2019 22:03

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20190308

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	38.6	115.7
150	156.9	0.0	348.4

