

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006391.D
 Acq On : 11 Dec 2018 01:32
 Operator : JC/MD
 Sample : J6324-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-120D1-20181205

Quant Time: Dec 11 05:53:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	723201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1116348	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1016050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	488652	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	373275	50.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.12%	
35) Dibromofluoromethane	5.50	113	345142	47.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.50%	
50) Toluene-d8	8.71	98	1304304	49.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.14	95	484672	48.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.84%	

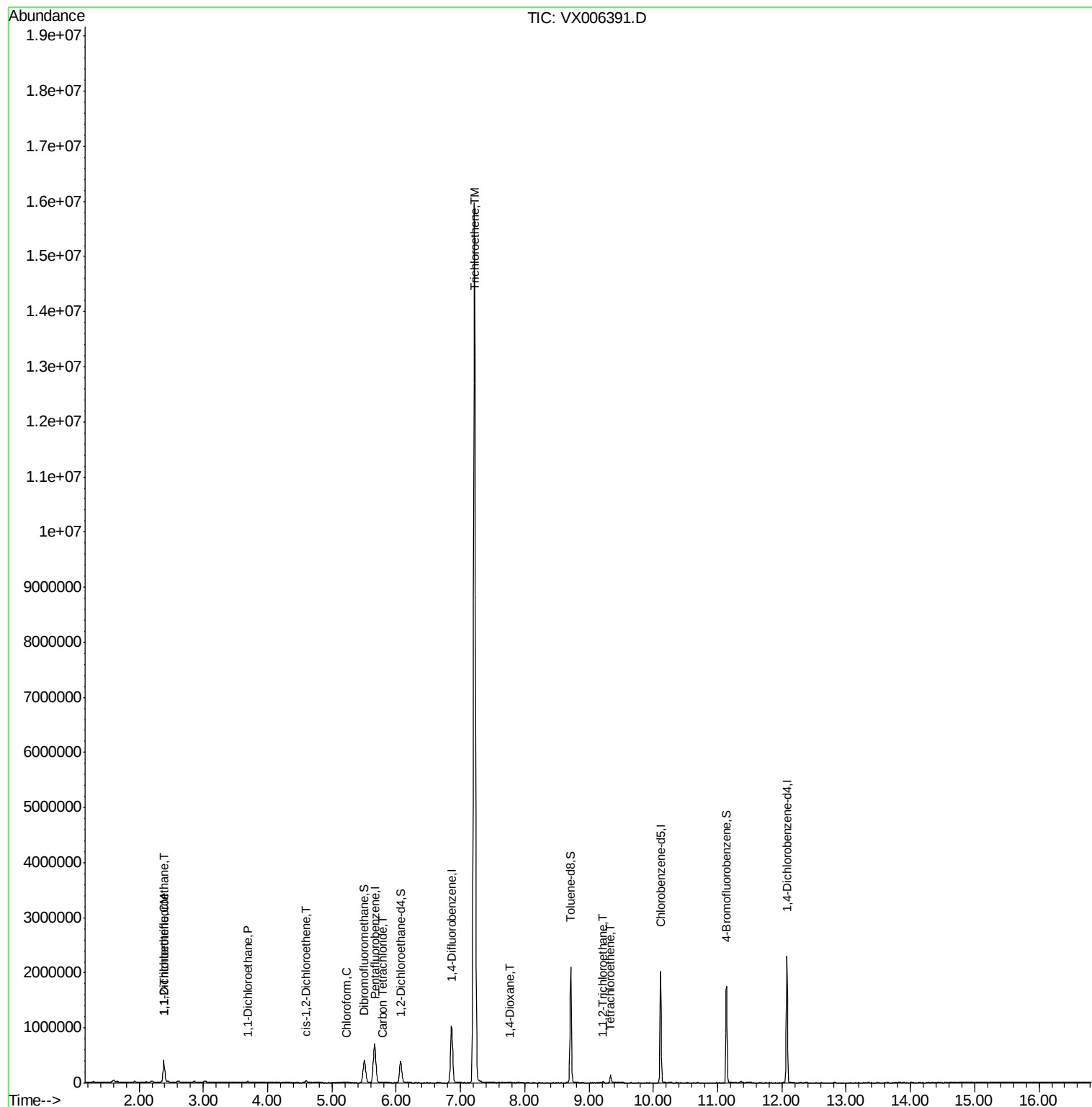
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	104645	15.308	ug/l	98
12) 1,1-Dichloroethene	2.38	96	57460	8.781	ug/l	91
24) 1,1-Dichloroethane	3.70	63	16269	1.410	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	22352	2.873	ug/l	89
30) Chloroform	5.23	83	6593	0.544	ug/l	92
38) Carbon Tetrachloride	5.78	117	5081	0.459	ug/l #	91
44) Trichloroethene	7.22	130	6443744	755.445	ug/l	95
49) 1,4-Dioxane	7.76	88	6038	28.690	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	5593	0.743	ug/l	97
64) Tetrachloroethene	9.34	164	23687	3.096	ug/l	94

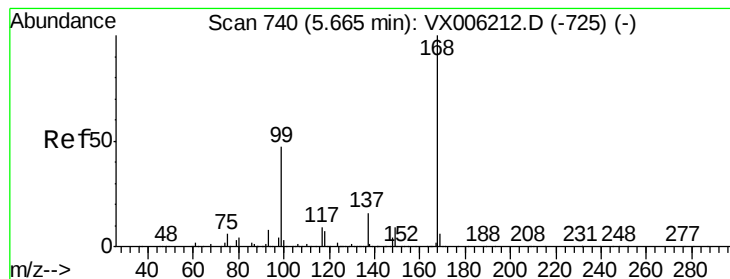
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121018\
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RE-120D1-20181205

Quant Time: Dec 11 05:53:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
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: VX006391.D

Acq: 11 Dec 2018 01:32

Instrument :

MSVOA_X

ClientSampleId :

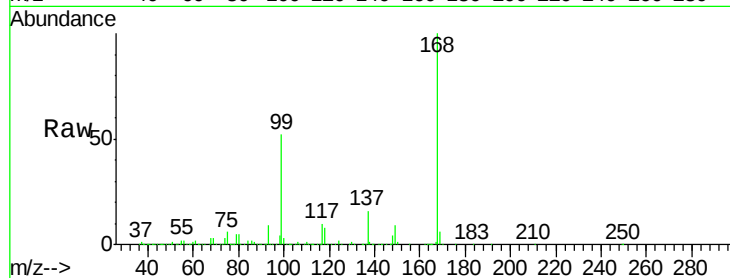
RE-120D1-20181205

Tot Ion:168 Resp: 723201

Ion Ratio Lower Upper

168 100

99 51.9 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

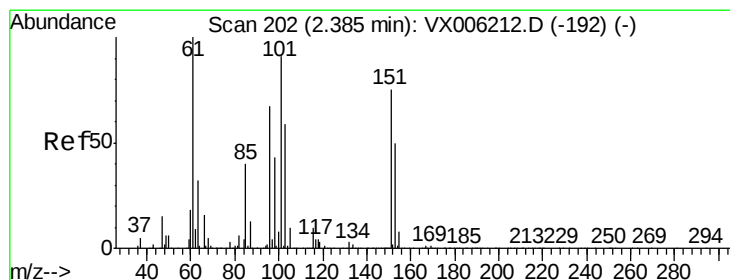
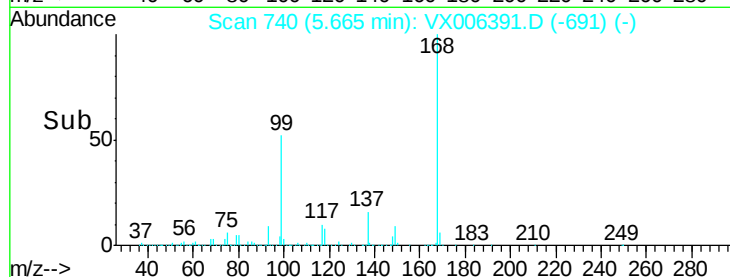
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.308 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX006391.D

Acq: 11 Dec 2018 01:32

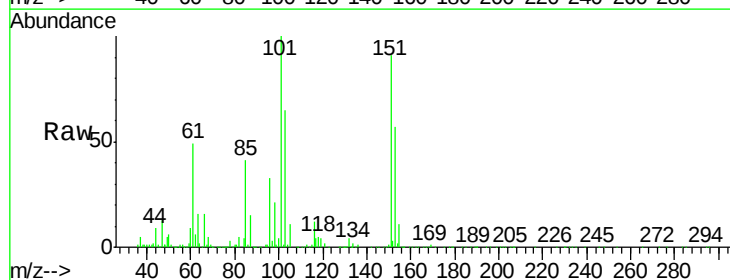
Tgt Ion:101 Resp: 104645

Ion Ratio Lower Upper

101 100

85 42.3 35.5 53.3

151 87.3 68.6 103.0



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

2.39

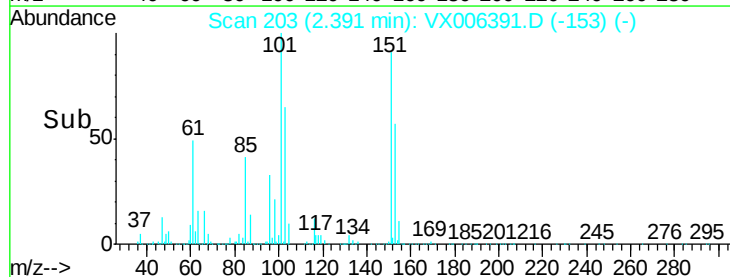
60000

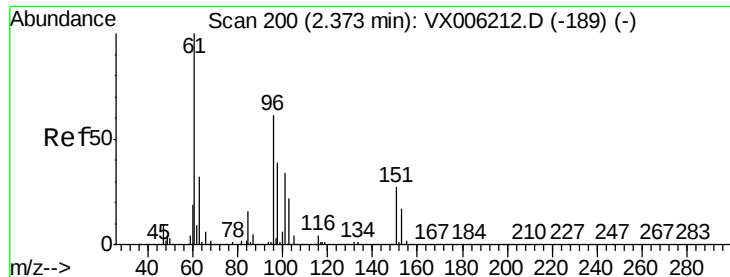
40000

20000

0

Time-->





#12

1,1-Dichloroethene

Concen: 8.781 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX006391.D

Acq: 11 Dec 2018 01:32

Instrument :

MSVOA_X

ClientSampleId :

RE-120D1-20181205

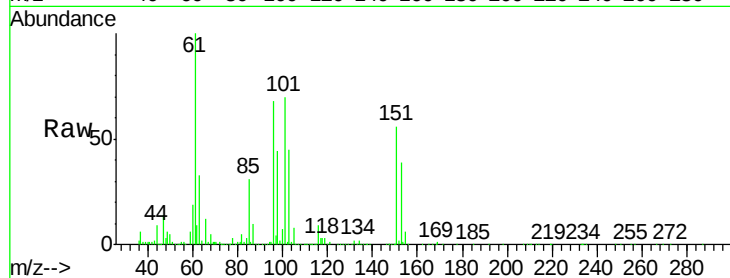
Tot Ion: 96 Resp: 57460

Ion Ratio Lower Upper

96 100

61 148.0 131.7 197.5

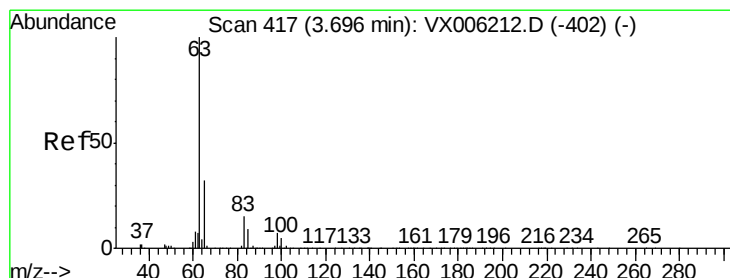
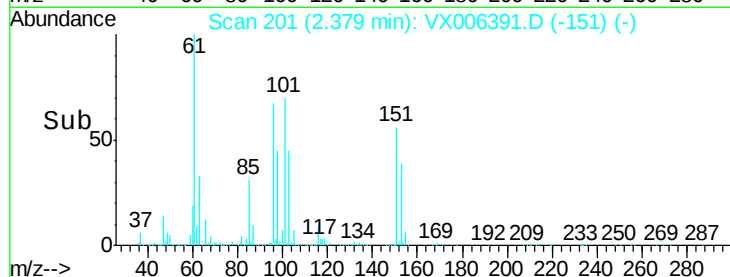
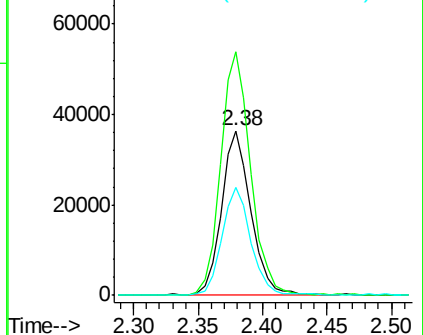
98 65.8 51.8 77.6



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



#24

1,1-Dichloroethane

Concen: 1.410 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX006391.D

Acq: 11 Dec 2018 01:32

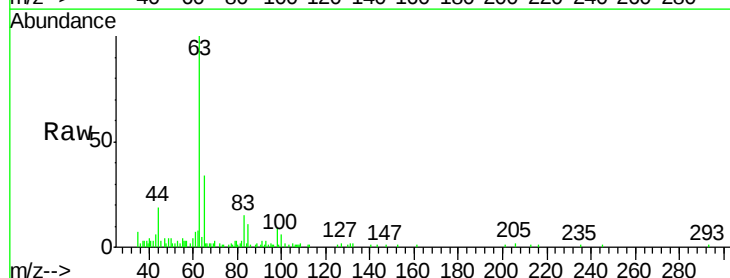
Tgt Ion: 63 Resp: 16269

Ion Ratio Lower Upper

63 100

98 9.7 3.8 11.4

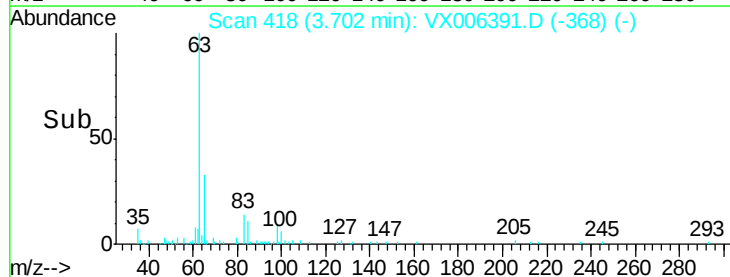
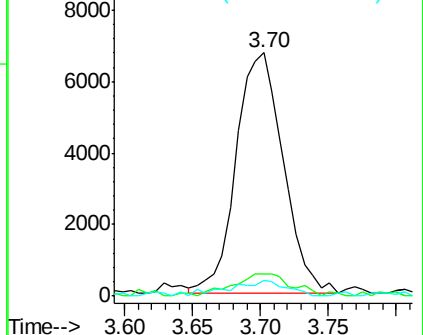
100 6.4 2.5 7.4

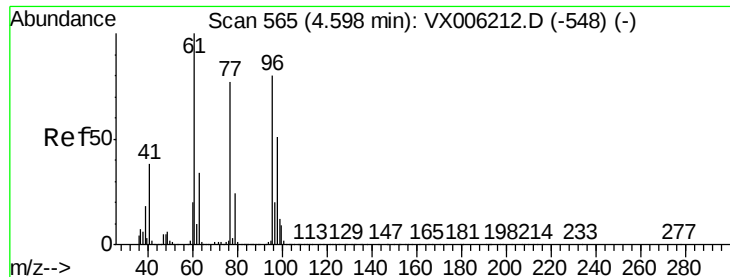


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



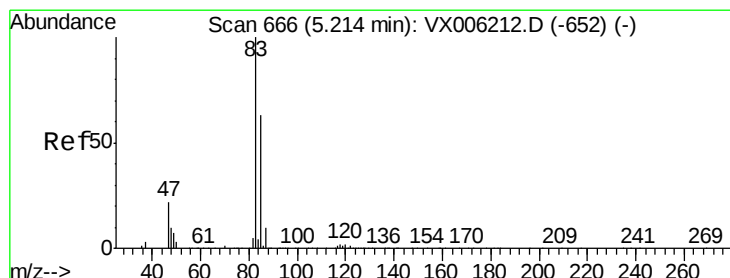
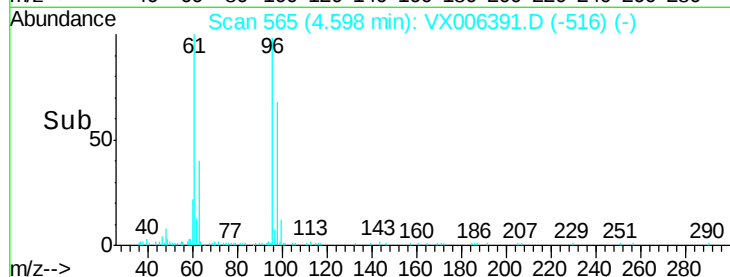
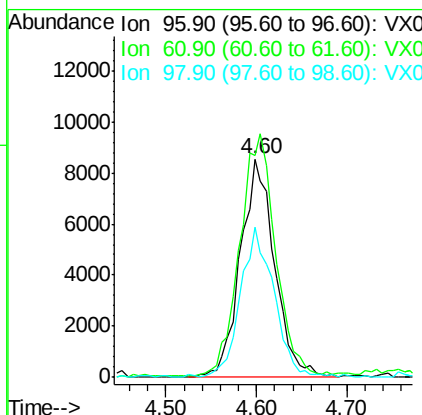
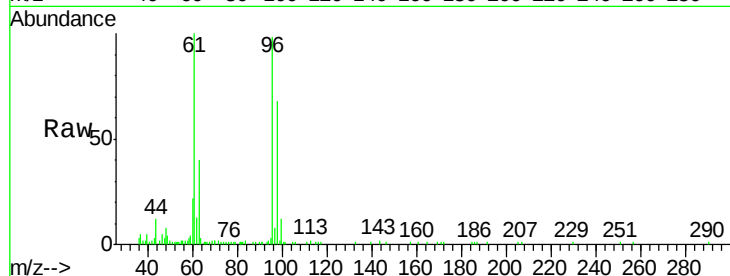


#27

cis-1,2-Dichloroethene
 Concen: 2.873 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006391.D
 Acq: 11 Dec 2018 01:32

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-120D1-20181205

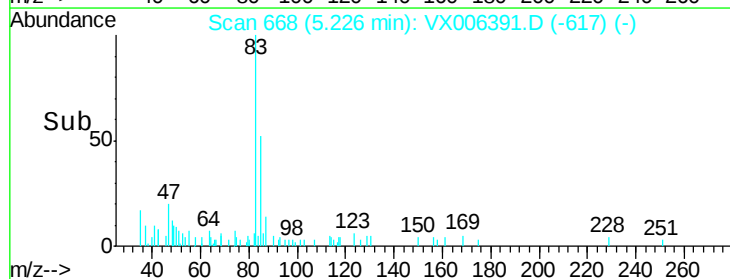
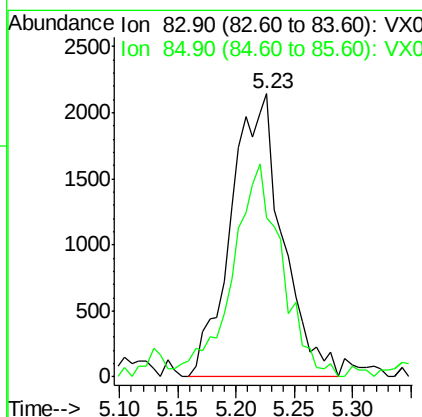
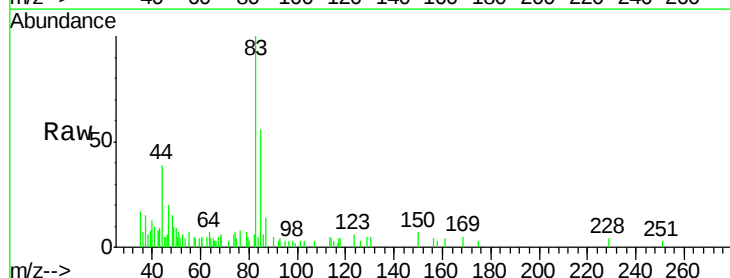
Tot Ion	96	Resp	22352
Ion	Ratio	Lower	Upper
96	100		
61	115.2	0.0	265.0
98	67.0	0.0	130.2

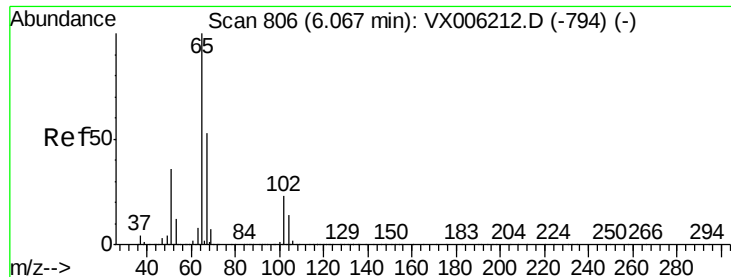


#30

Chloroform
 Concen: 0.544 ug/l
 RT: 5.23 min Scan# 668
 Delta R.T. 0.01 min
 Lab File: VX006391.D
 Acq: 11 Dec 2018 01:32

Tgt Ion	83	Resp	6593
Ion	Ratio	Lower	Upper
83	100		
85	56.4	50.3	75.5





#33

1,2-Dichloroethane-d4

Concen: 50.561 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006391.D

Acq: 11 Dec 2018 01:32

Instrument :

MSVOA_X

ClientSampleId :

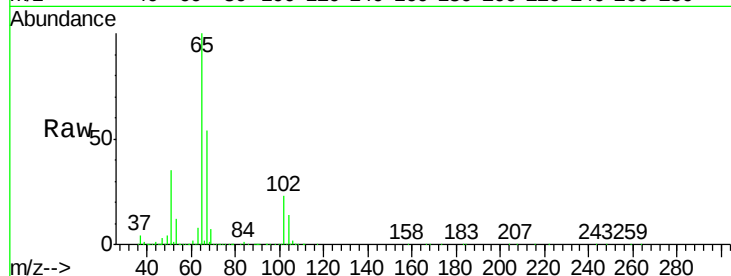
RE-120D1-20181205

Tot Ion: 65 Resp: 373275

Ion Ratio Lower Upper

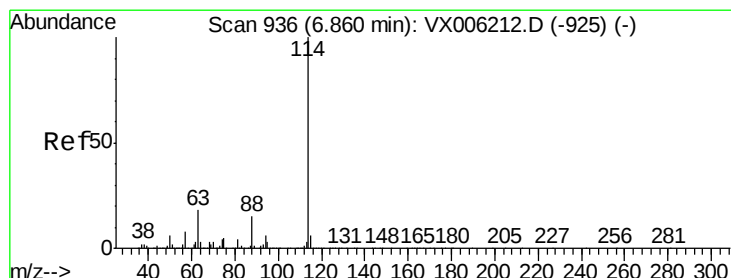
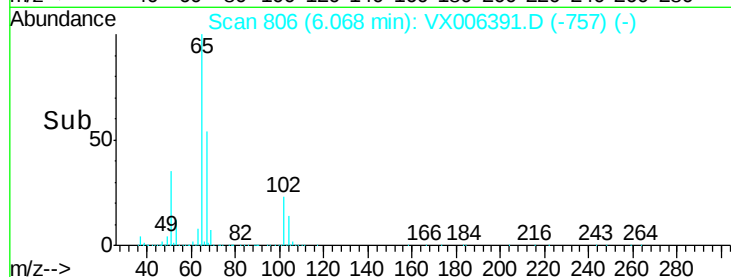
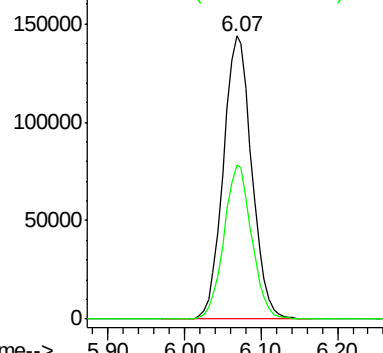
65 100

67 53.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006391.D

Acq: 11 Dec 2018 01:32

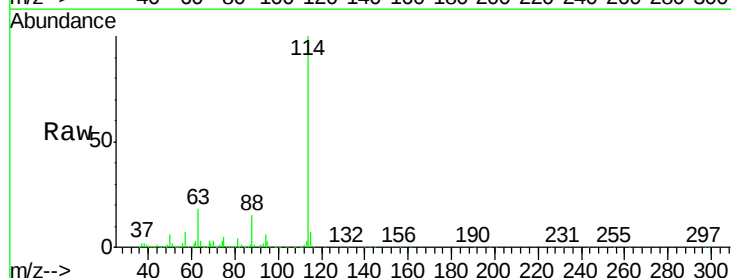
Tgt Ion: 114 Resp: 1116348

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.6

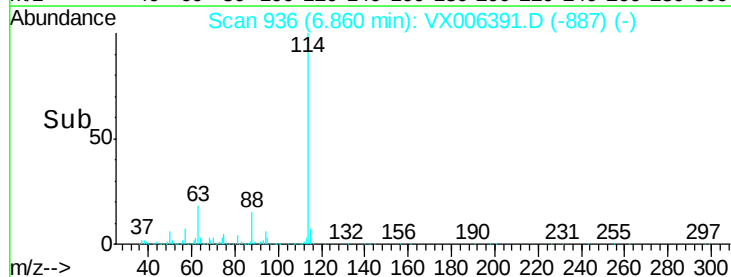
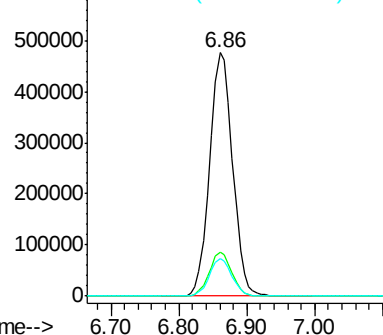
88 15.4 0.0 29.0

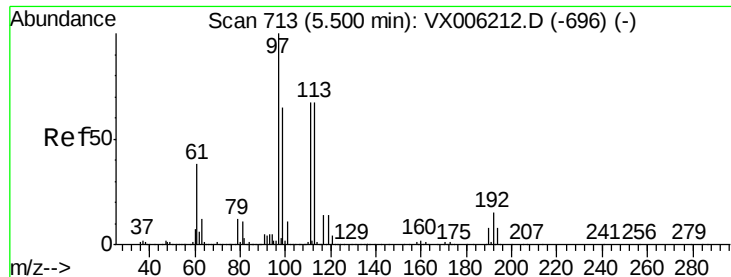


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

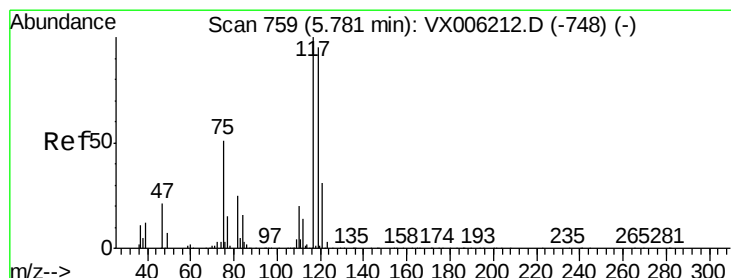
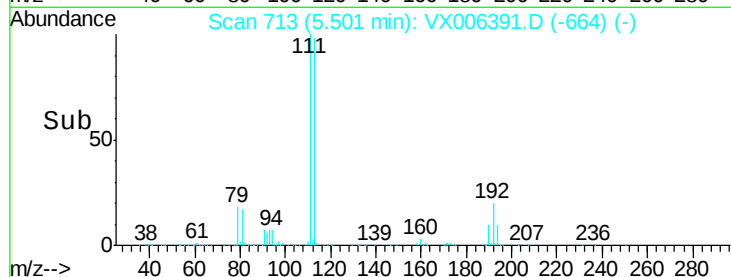
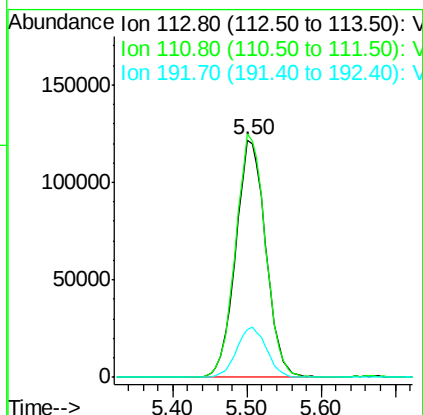
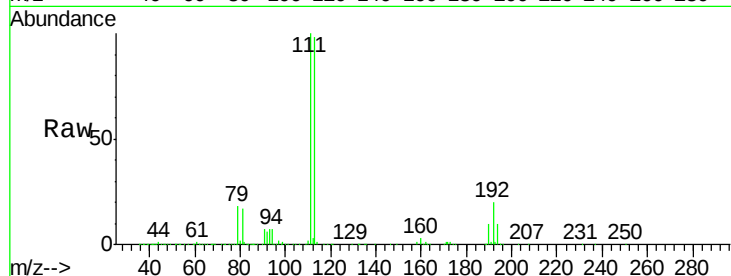




#35
 Dibromofluoromethane
 Concen: 47.751 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006391.D
 Acq: 11 Dec 2018 01:32

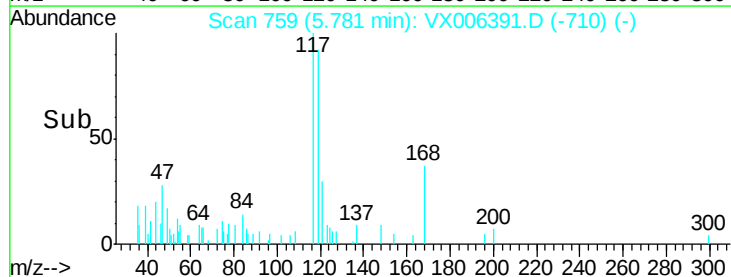
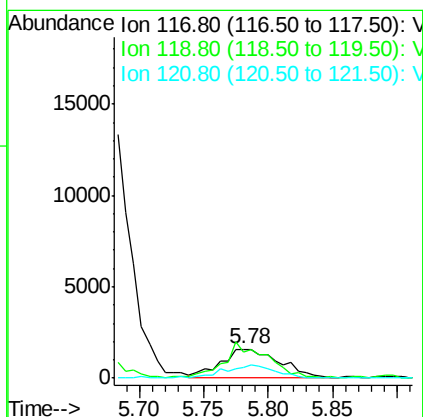
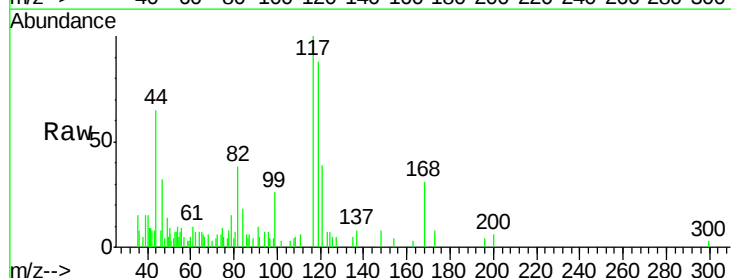
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-120D1-20181205

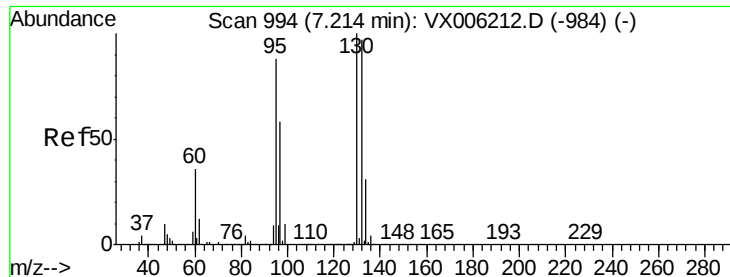
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.1	121.7
192	21.1	18.2	27.2



#38
 Carbon Tetrachloride
 Concen: 0.459 ug/l
 RT: 5.78 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VX006391.D
 Acq: 11 Dec 2018 01:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.3	75.8	113.8
121	38.9	24.6	37.0#





#44

Trichloroethene

Concen: 755.445 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX006391.D

Acq: 11 Dec 2018 01:32

Instrument :

MSVOA_X

ClientSampleId :

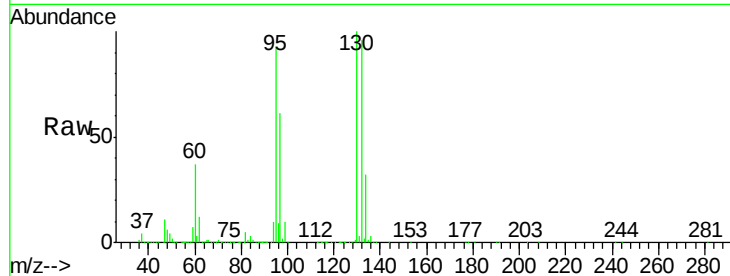
RE-120D1-20181205

Tot Ion:130 Resp: 6443744

Ion Ratio Lower Upper

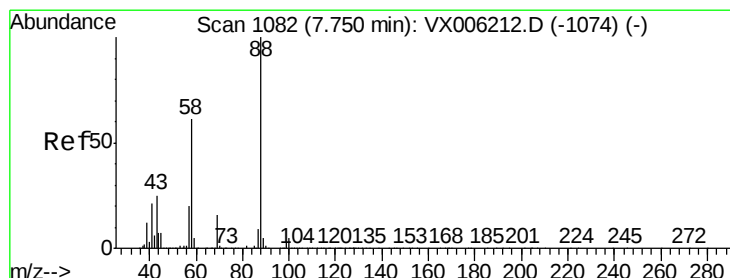
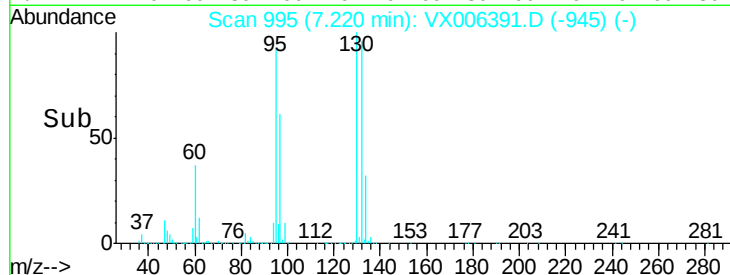
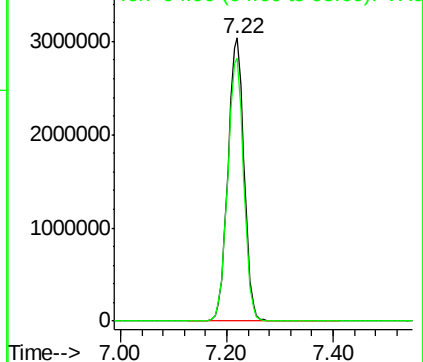
130 100

95 92.7 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 28.690 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006391.D

Acq: 11 Dec 2018 01:32

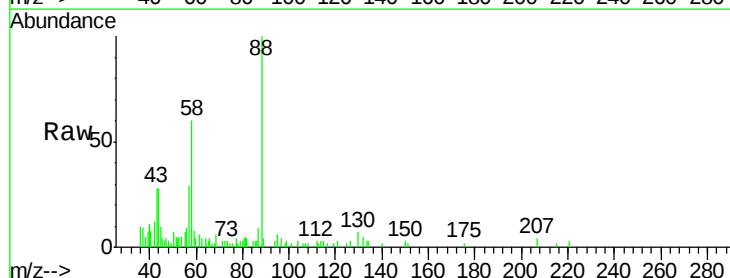
Tgt Ion: 88 Resp: 6038

Ion Ratio Lower Upper

88 100

43 30.4 23.2 34.8

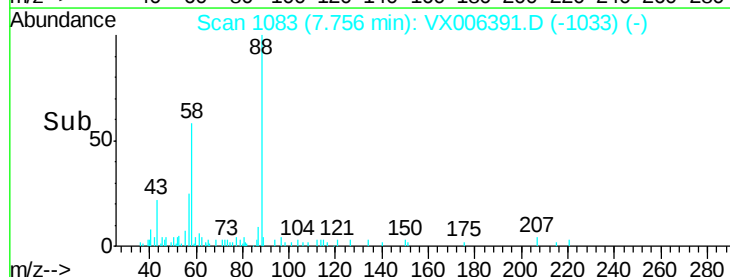
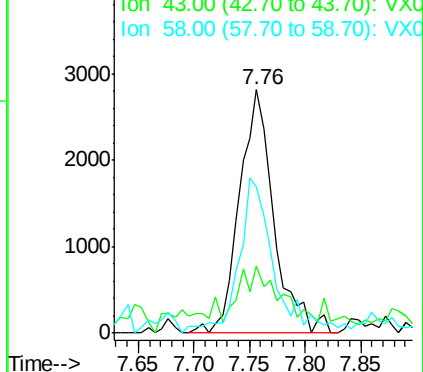
58 65.6 51.4 77.0



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: 49.610 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006391.D

Acq: 11 Dec 2018 01:32

Instrument :

MSVOA_X

ClientSampleId :

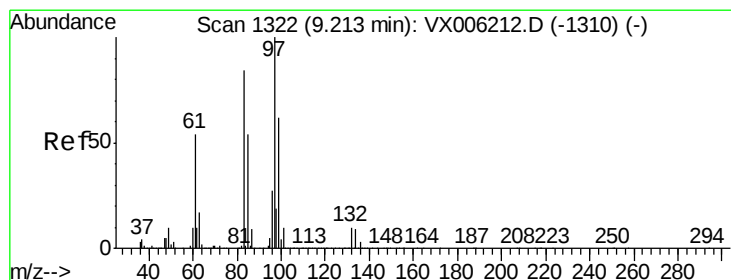
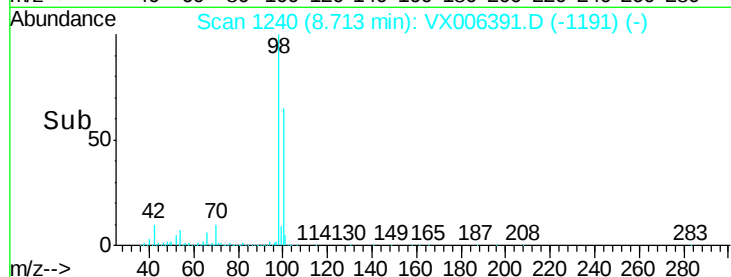
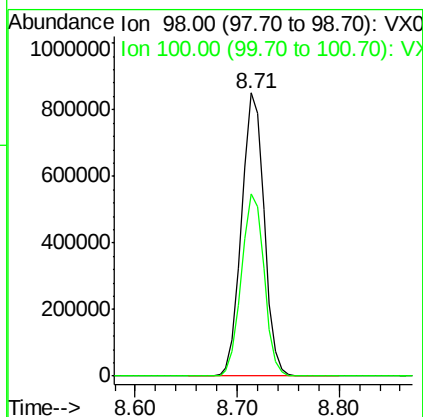
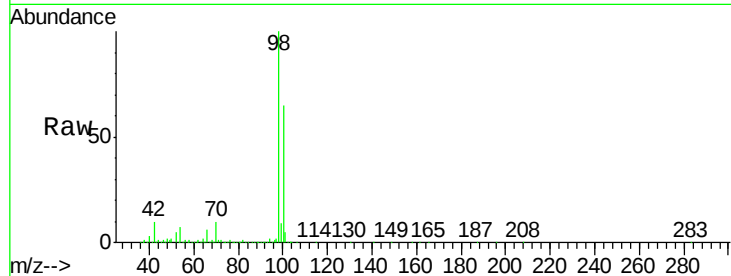
RE-120D1-20181205

Tot Ion: 98 Resp: 1304304

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#55

1,1,2-Trichloroethane

Concen: 0.743 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX006391.D

Acq: 11 Dec 2018 01:32

Tgt Ion: 97 Resp: 5593

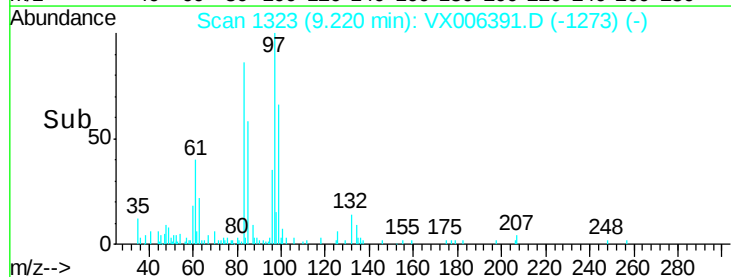
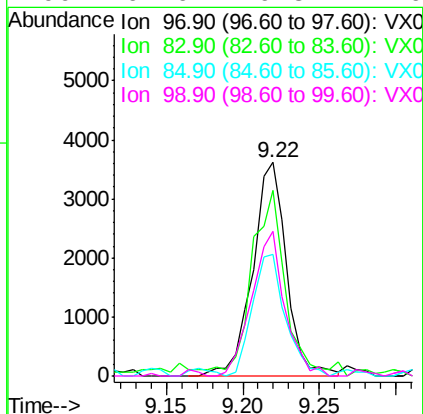
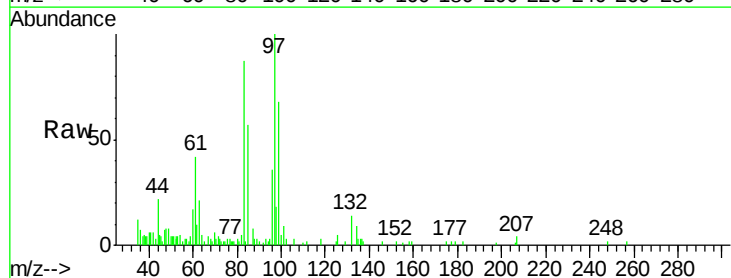
Ion Ratio Lower Upper

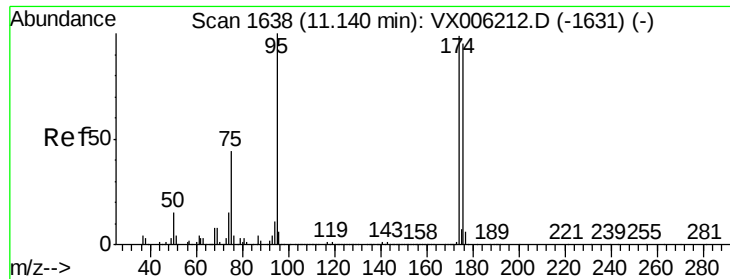
97 100

83 83.7 67.1 100.7

85 55.1 43.2 64.8

99 67.6 49.8 74.6





#62

4-Bromofluorobenzene

Concen: 48.921 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006391.D

Acq: 11 Dec 2018 01:32

Instrument :

MSVOA_X

ClientSampleId :

RE-120D1-20181205

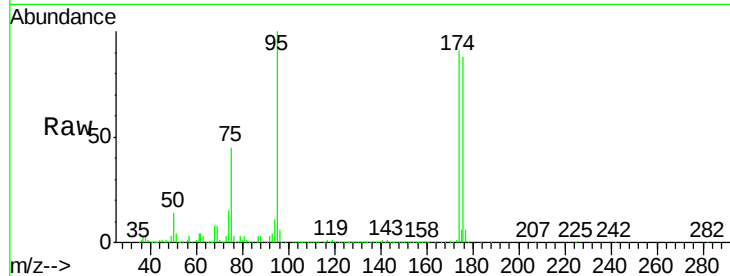
Tot Ion: 95 Resp: 484672

Ion Ratio Lower Upper

95 100

174 86.2 0.0 187.0

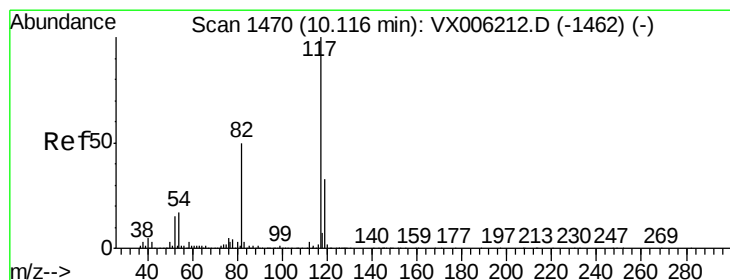
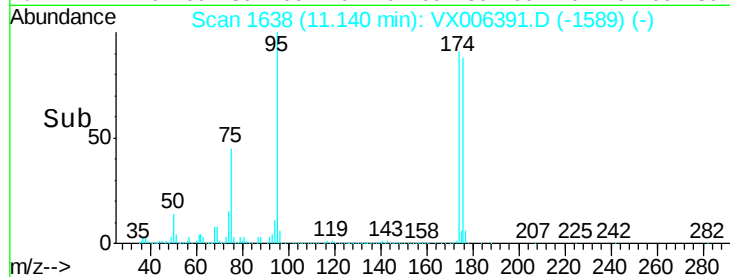
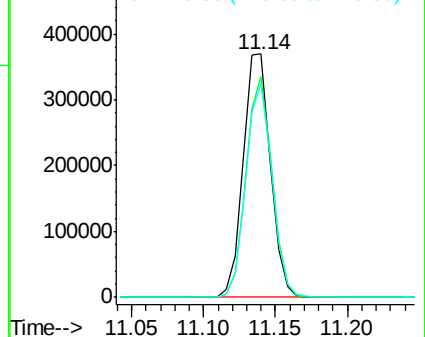
176 83.9 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006391.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006391.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006391.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006391.D

Acq: 11 Dec 2018 01:32

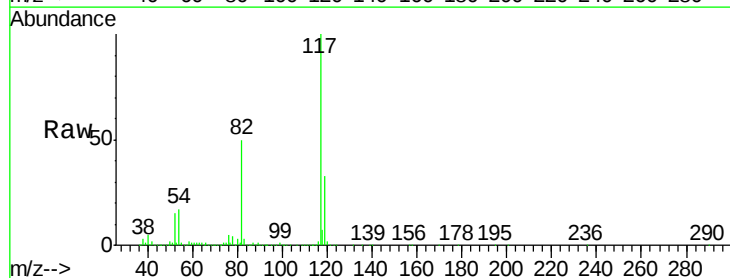
Tgt Ion: 117 Resp: 1016050

Ion Ratio Lower Upper

117 100

82 49.7 39.6 59.4

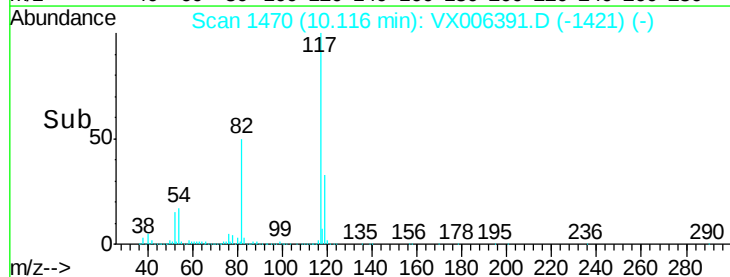
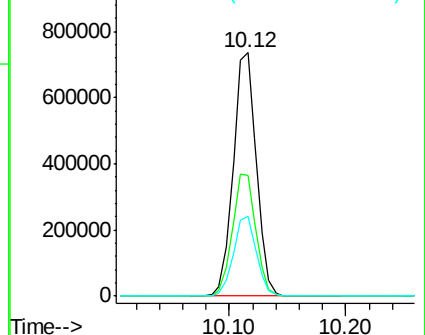
119 32.7 26.3 39.5

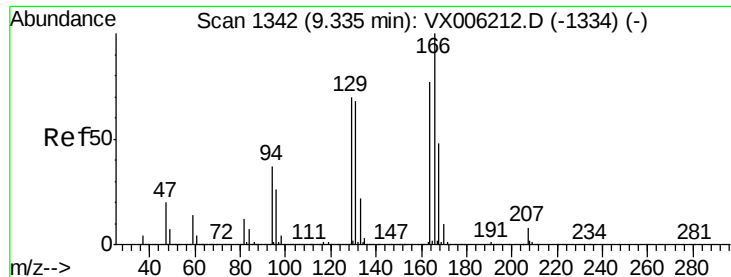


Abundance Ion 116.90 (116.60 to 117.60): VX006391.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006391.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006391.D (-1421) (-)





#64

Tetrachloroethene

Concen: 3.096 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006391.D

Acq: 11 Dec 2018 01:32

Instrument :

MSVOA_X

ClientSampleId :

RE-120D1-20181205

Tot Ion:164 Resp: 23687

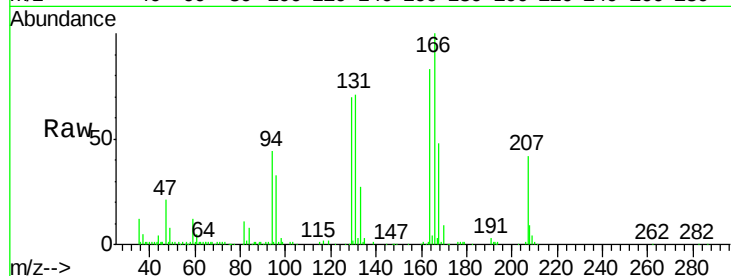
Ion Ratio Lower Upper

164 100

166 120.9 104.2 156.2

129 84.4 72.6 108.8

131 85.7 70.3 105.5

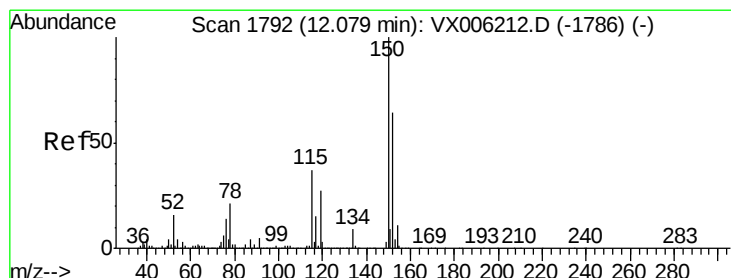
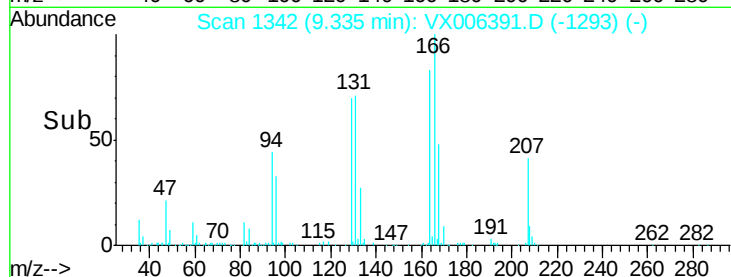
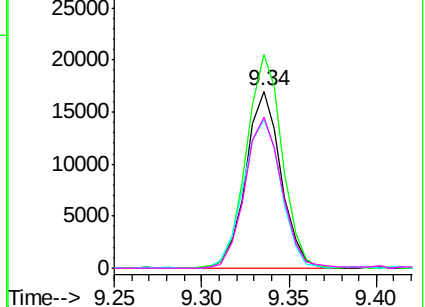


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX006391.D

Acq: 11 Dec 2018 01:32

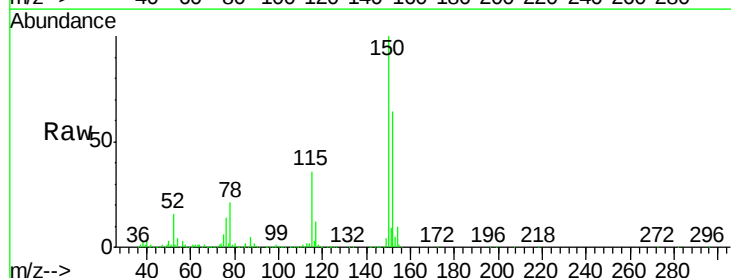
Tgt Ion:152 Resp: 488652

Ion Ratio Lower Upper

152 100

115 56.1 39.0 116.9

150 157.1 0.0 345.8



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

