

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008195.D
 Acq On : 19 Mar 2019 17:15
 Operator : JC/SP
 Sample : K1860-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20190311

Quant Time: Mar 20 07:59:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

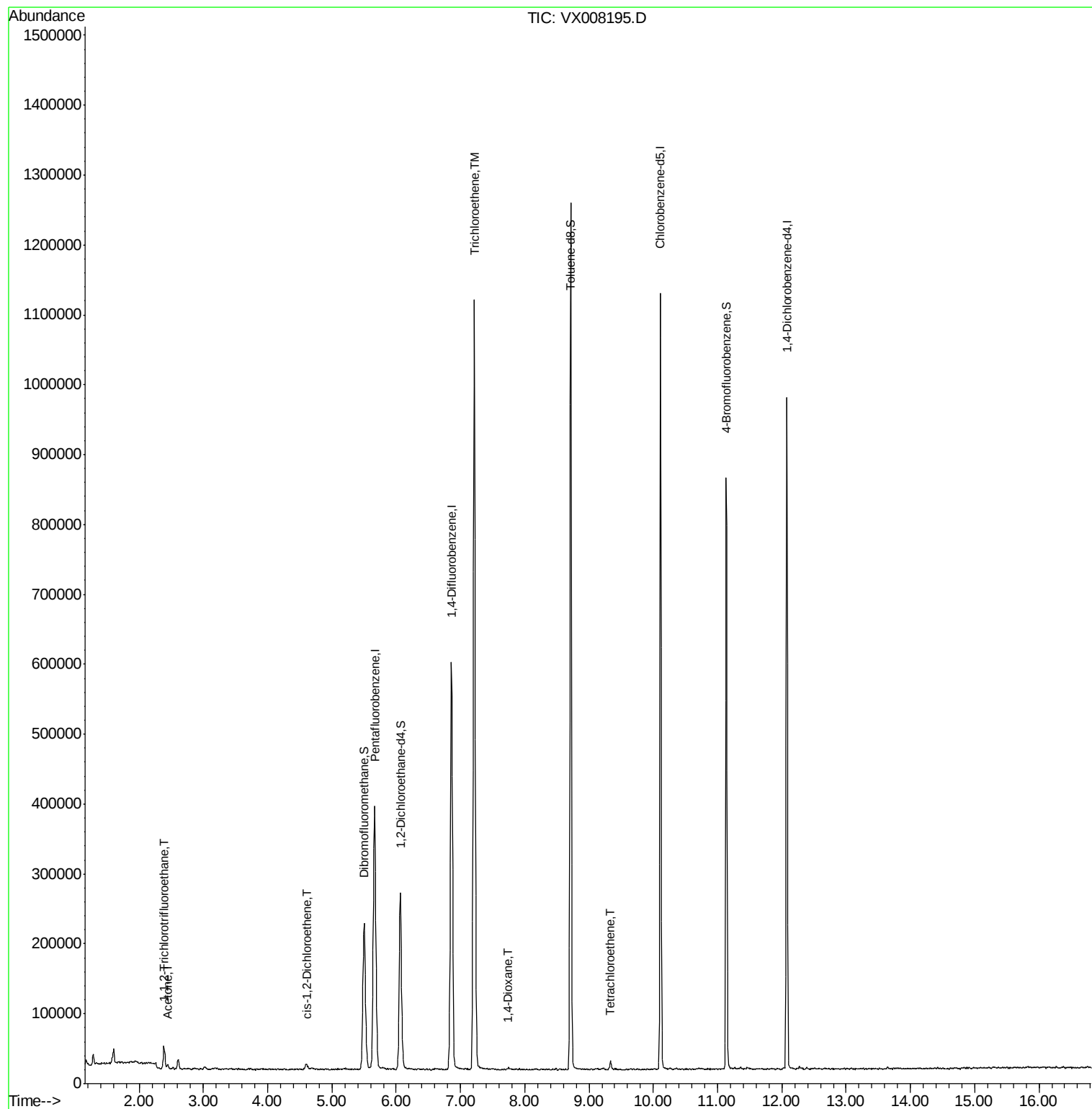
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	350863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	564405	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	479630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189089	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	240139	45.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.88%	
35) Dibromofluoromethane	5.50	113	176504	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
50) Toluene-d8	8.71	98	700975	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	11.13	95	224136	45.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.88%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	2.39	101	13524	2.999	ug/l	89
16) Acetone	2.45	43	6661	2.223	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	4609	0.879	ug/l	89
44) Trichloroethene	7.21	130	401835	84.498	ug/l	89
49) 1,4-Dioxane	7.74	88	1686	14.432	ug/l #	91
64) Tetrachloroethene	9.33	164	2491	0.576	ug/l #	84

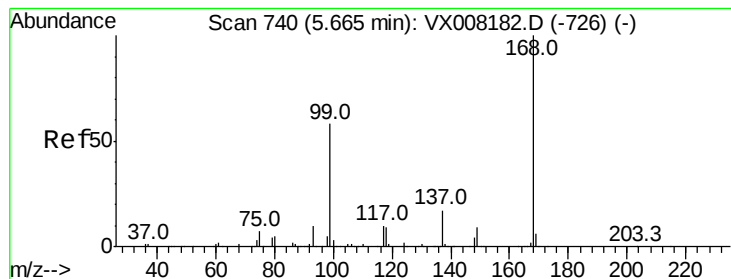
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008195.D

Acq: 19 Mar 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

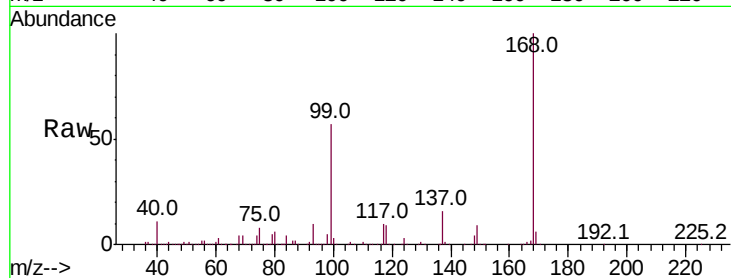
RE105D1-20190311

Tot Ion:168 Resp: 350863

Ion Ratio Lower Upper

168 100

99 57.0 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

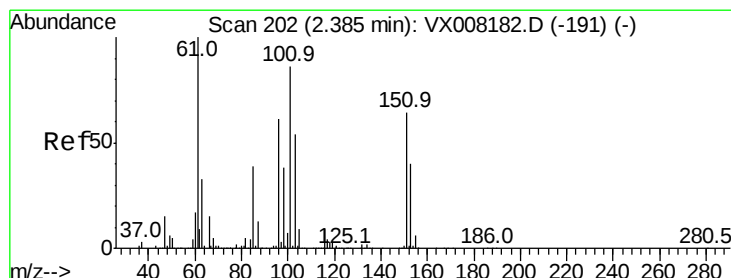
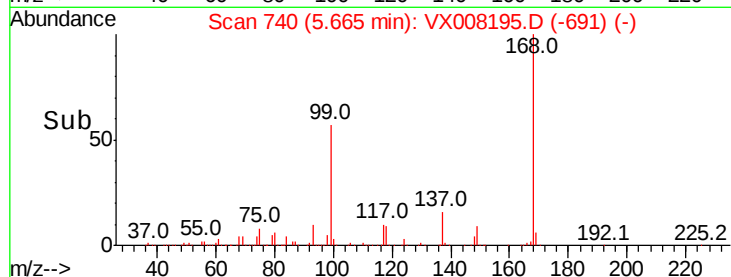
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.999 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX008195.D

Acq: 19 Mar 2019 17:15

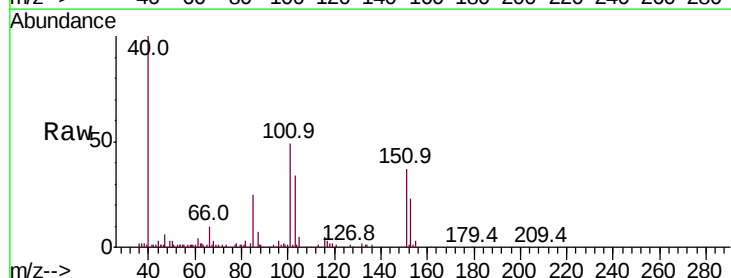
Tgt Ion:101 Resp: 13524

Ion Ratio Lower Upper

101 100

85 45.4 33.8 50.6

151 73.6 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

8000

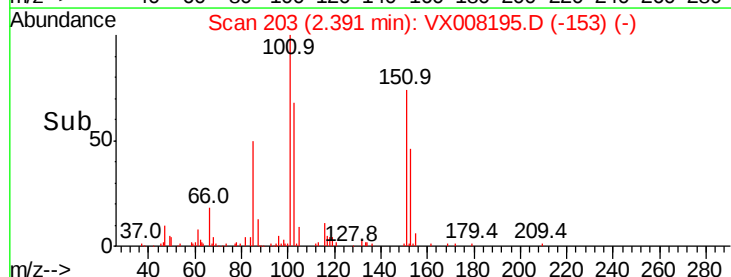
6000

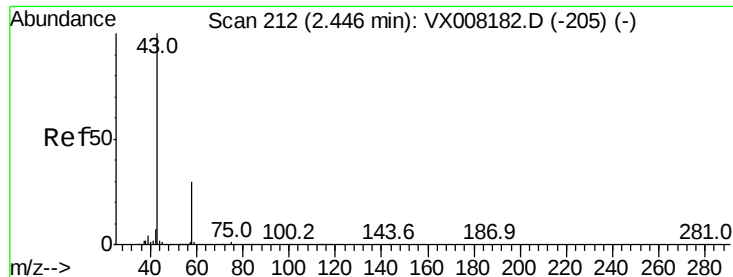
4000

2000

0

Time-->





#16

Acetone

Concen: 2.223 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008195.D

Acq: 19 Mar 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

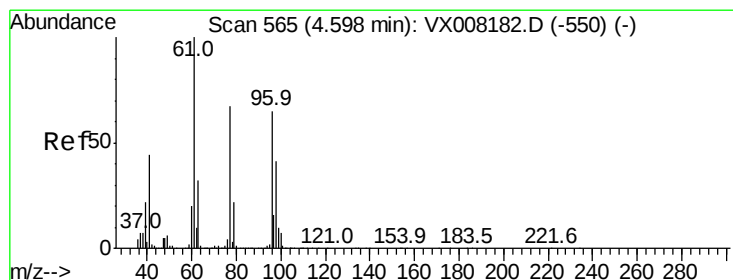
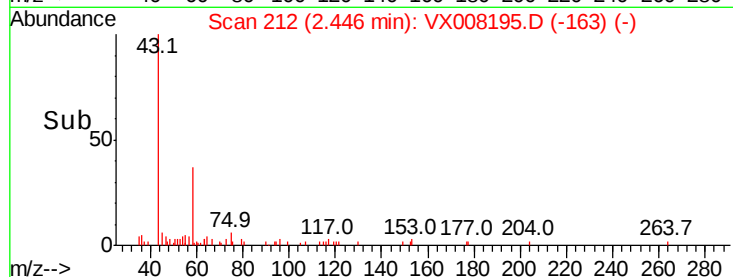
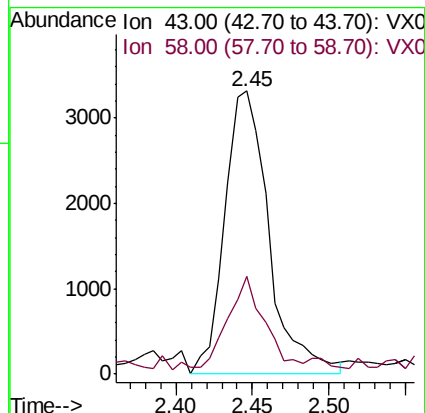
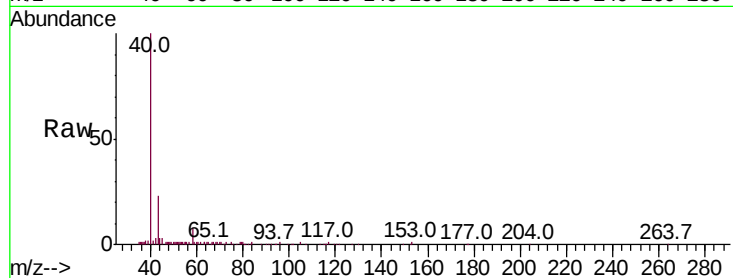
RE105D1-20190311

Tot Ion: 43 Resp: 6661

Ion Ratio Lower Upper

43 100

58 32.4 25.5 38.3



#27

cis-1,2-Dichloroethene

Concen: 0.879 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX008195.D

Acq: 19 Mar 2019 17:15

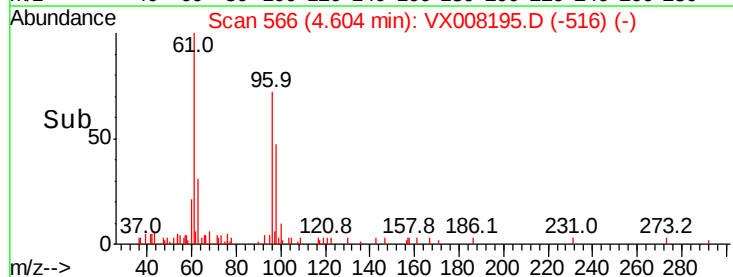
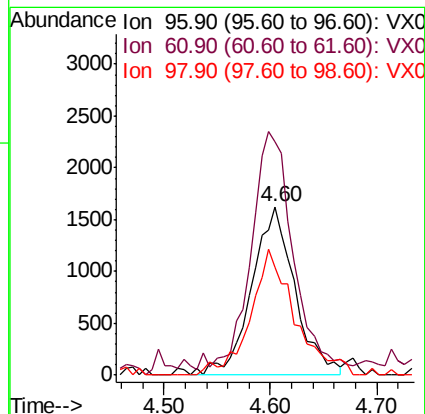
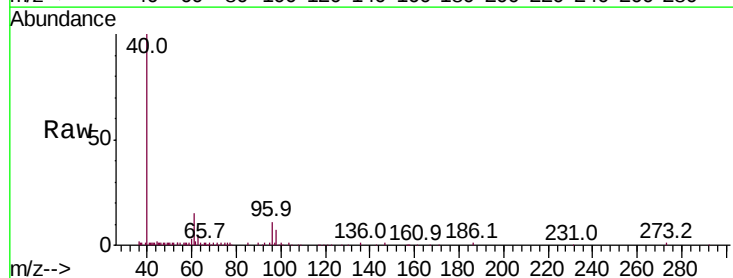
Tgt Ion: 96 Resp: 4609

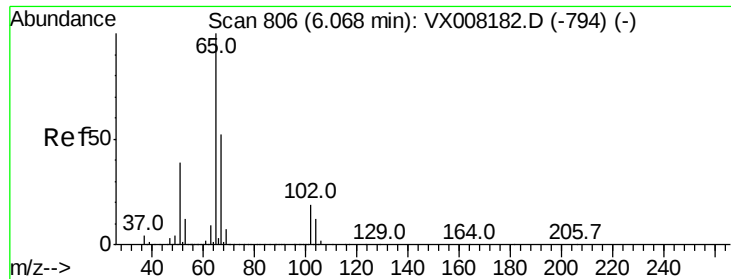
Ion Ratio Lower Upper

96 100

61 133.1 0.0 288.0

98 76.6 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 45.444 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008195.D

Acq: 19 Mar 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

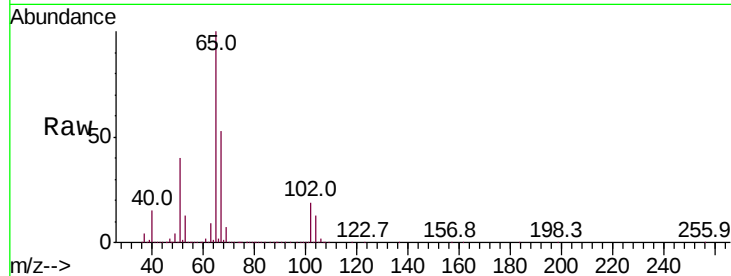
RE105D1-20190311

Tot Ion: 65 Resp: 240139

Ion Ratio Lower Upper

65 100

67 53.1 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

100000

80000

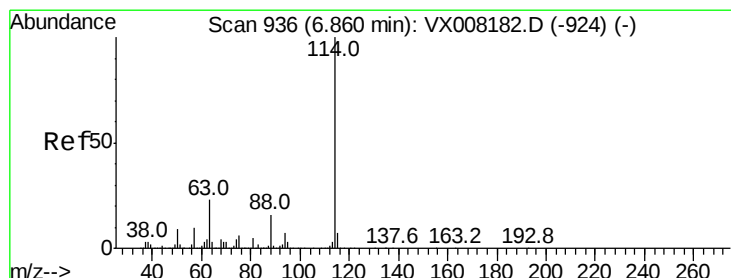
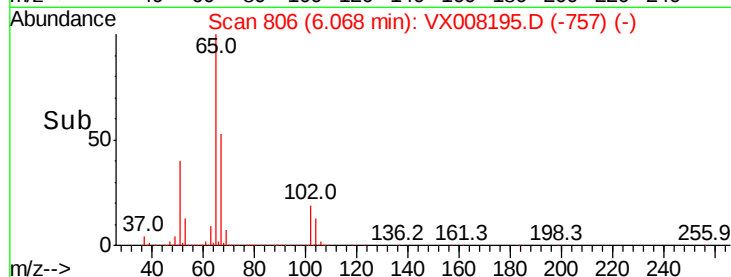
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008195.D

Acq: 19 Mar 2019 17:15

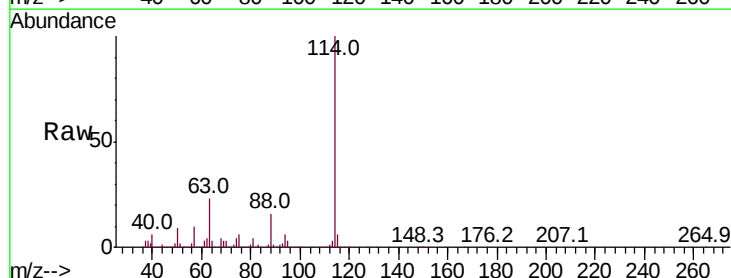
Tgt Ion: 114 Resp: 564405

Ion Ratio Lower Upper

114 100

63 23.2 0.0 39.8

88 16.1 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

6.86

300000

250000

200000

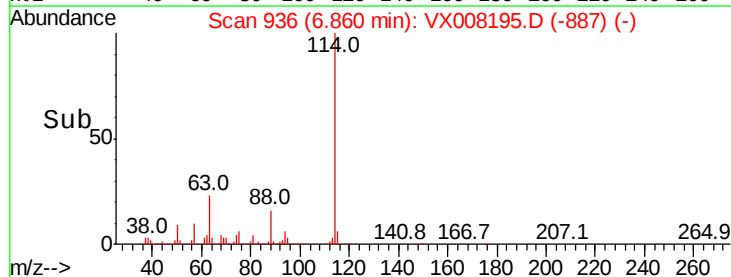
150000

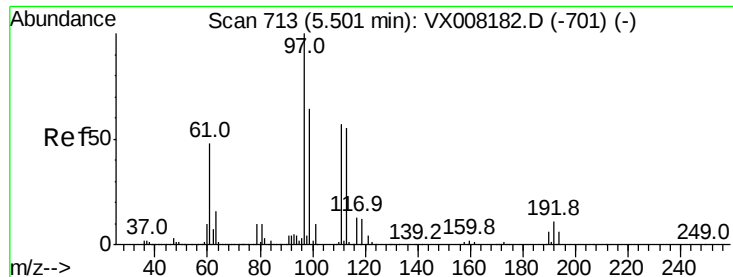
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

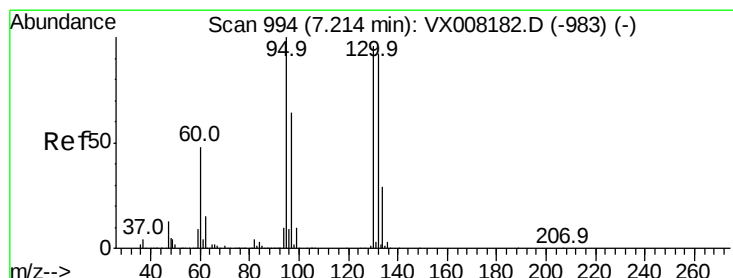
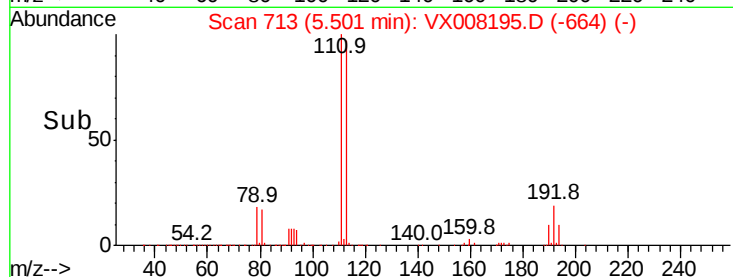
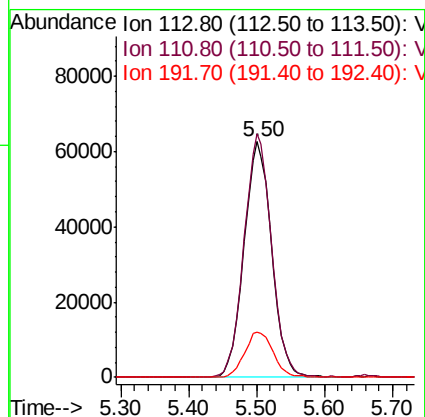
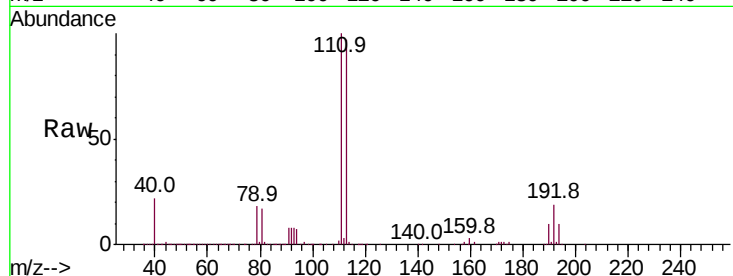




#35
 Dibromofluoromethane
 Concen: 46.715 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008195.D
 Acq: 19 Mar 2019 17:15

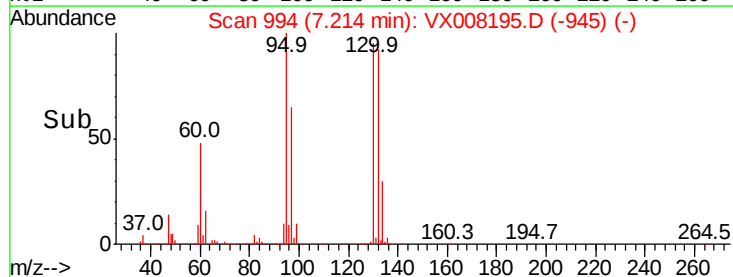
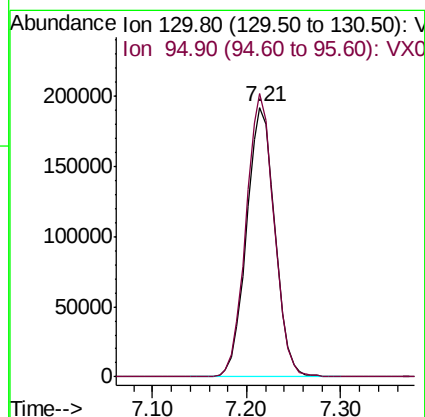
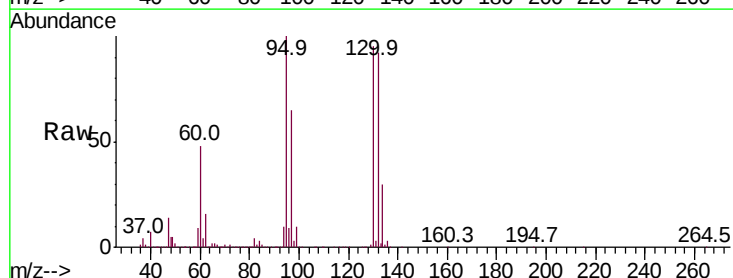
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20190311

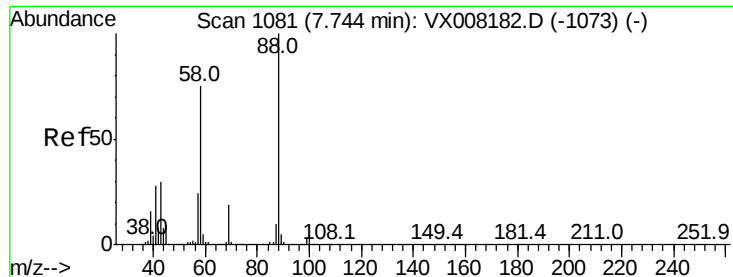
Tot Ion:113 Resp: 176504
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.0
 192 19.9 19.4 29.0



#44
 Trichloroethene
 Concen: 84.498 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008195.D
 Acq: 19 Mar 2019 17:15

Tgt Ion:130 Resp: 401835
 Ion Ratio Lower Upper
 130 100
 95 105.0 0.0 188.0

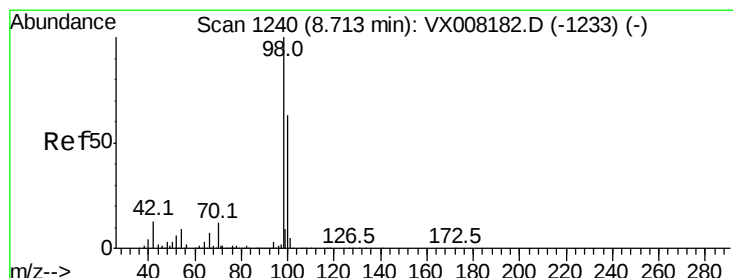
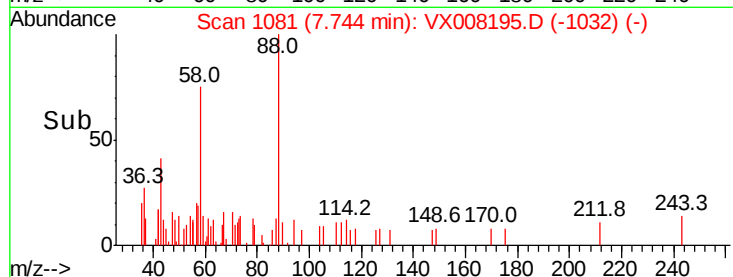
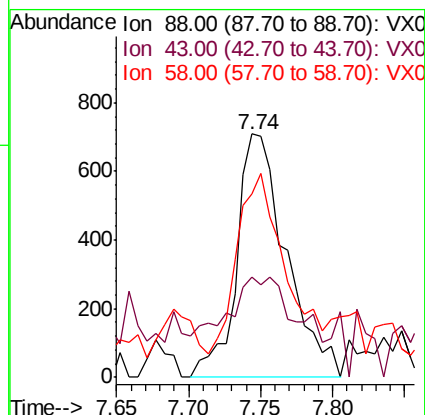
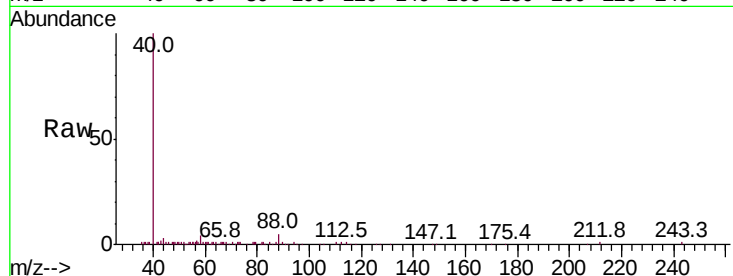




#49
1,4-Dioxane
Concen: 14.432 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.00 min
Lab File: VX008195.D
Acq: 19 Mar 2019 17:15

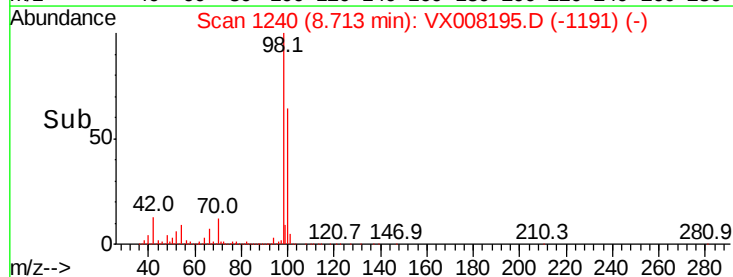
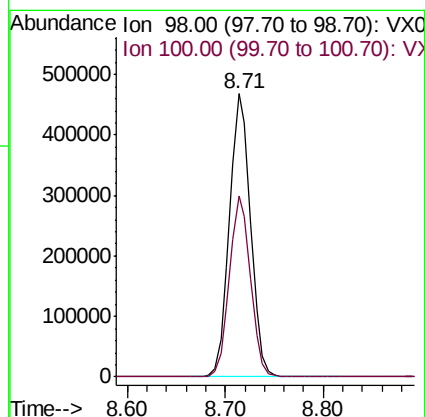
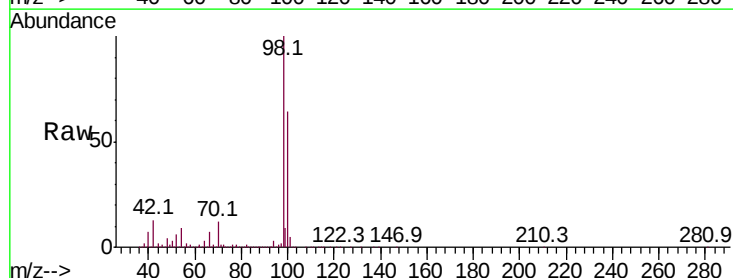
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20190311

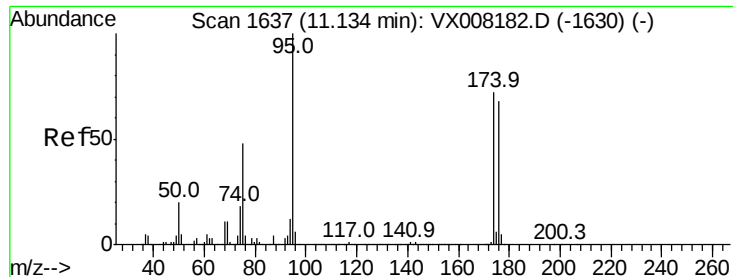
Tot Ion: 88 Resp: 1686
Ion Ratio Lower Upper
88 100
43 45.6 25.1 37.7#
58 70.6 57.8 86.6



#50
Toluene-d8
Concen: 48.934 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008195.D
Acq: 19 Mar 2019 17:15

Tgt Ion: 98 Resp: 700975
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 45.442 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008195.D

Acq: 19 Mar 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20190311

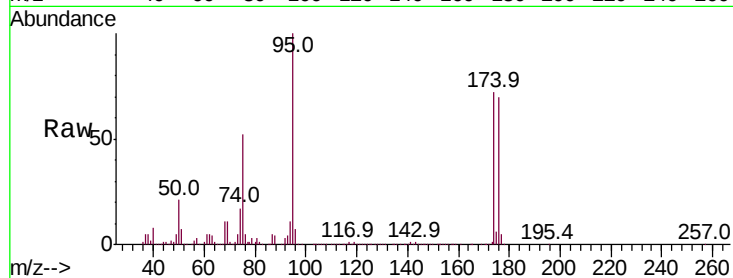
Tot Ion: 95 Resp: 224136

Ion Ratio Lower Upper

95 100

174 77.6 0.0 182.8

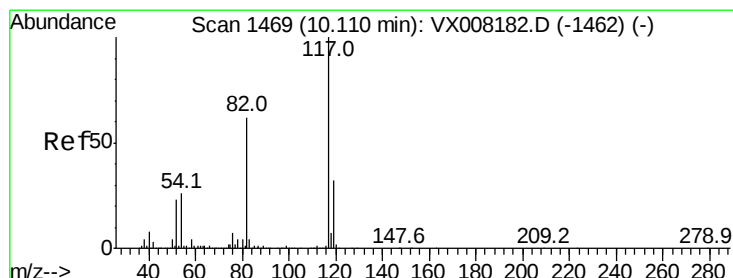
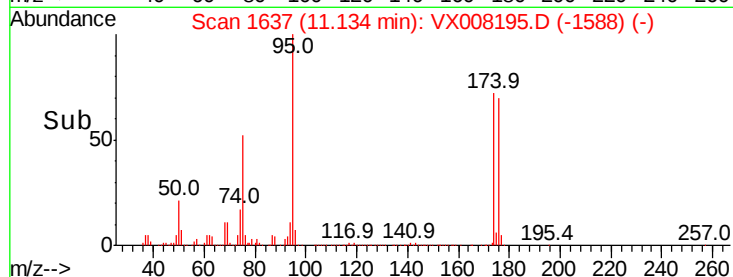
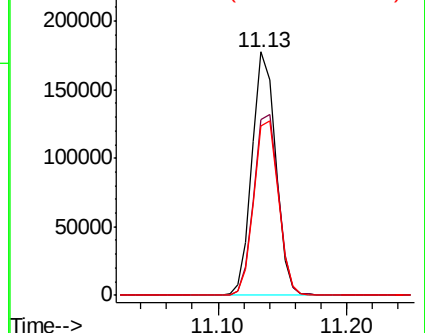
176 74.8 0.0 178.0



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: VX008195.D

Acq: 19 Mar 2019 17:15

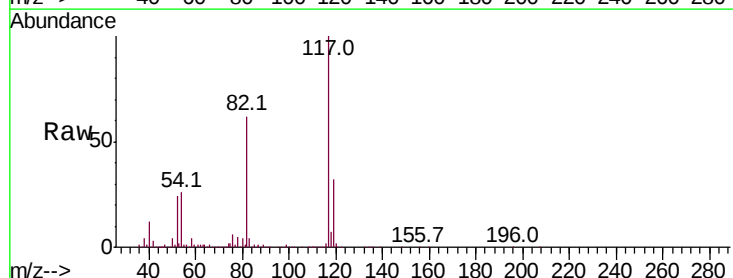
Tgt Ion: 117 Resp: 479630

Ion Ratio Lower Upper

117 100

82 62.2 44.3 66.5

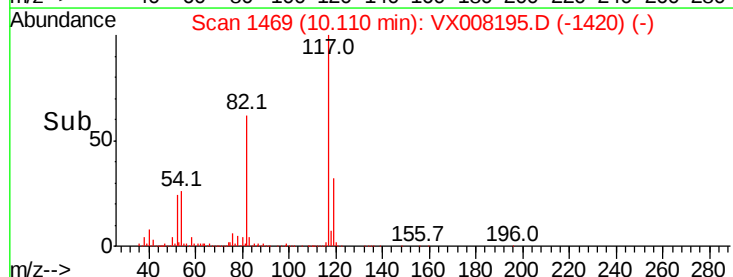
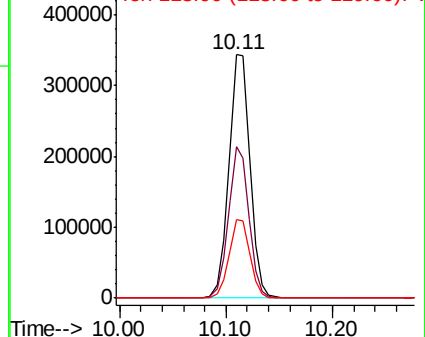
119 32.0 25.3 37.9

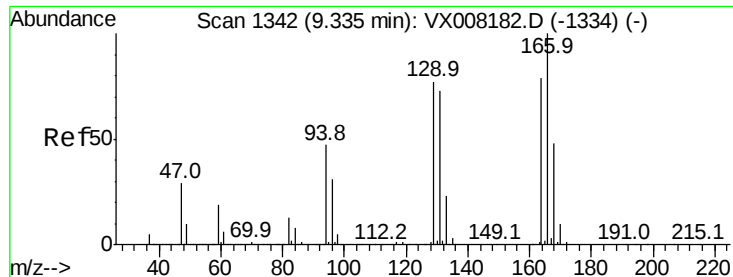


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

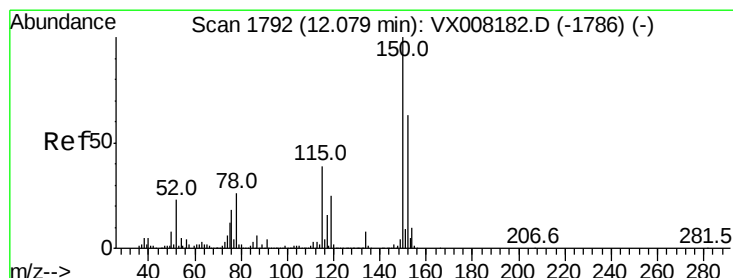
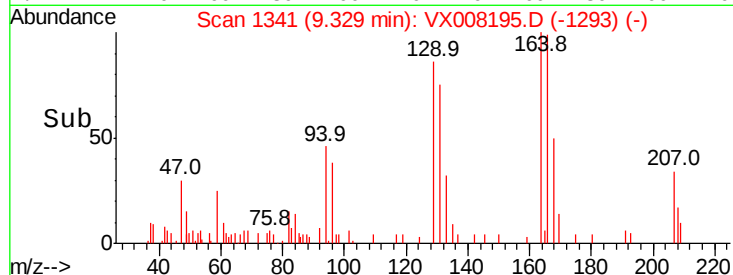
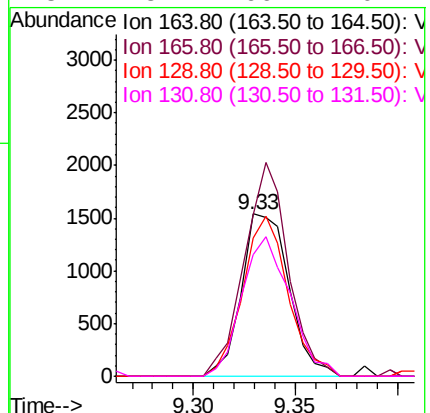
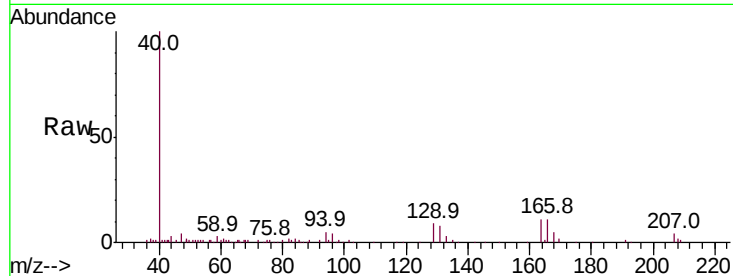




#64
Tetrachloroethene
Concen: 0.576 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX008195.D
Acq: 19 Mar 2019 17:15

Instrument :
MSVOA_X
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RE105D1-20190311

Tot Ion:164 Resp: 2491
Ion Ratio Lower Upper
164 100
166 99.4 103.4 155.0#
129 85.5 72.2 108.4
131 75.1 69.4 104.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008195.D
Acq: 19 Mar 2019 17:15

Tgt Ion:152 Resp: 189089
Ion Ratio Lower Upper
152 100
115 61.4 38.6 115.7
150 158.0 0.0 348.4

