

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003625.D
 Acq On : 24 Jul 2018 01:49
 Operator : JC/SP
 Sample : J4073-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D1-071718

Quant Time: Jul 24 08:58:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

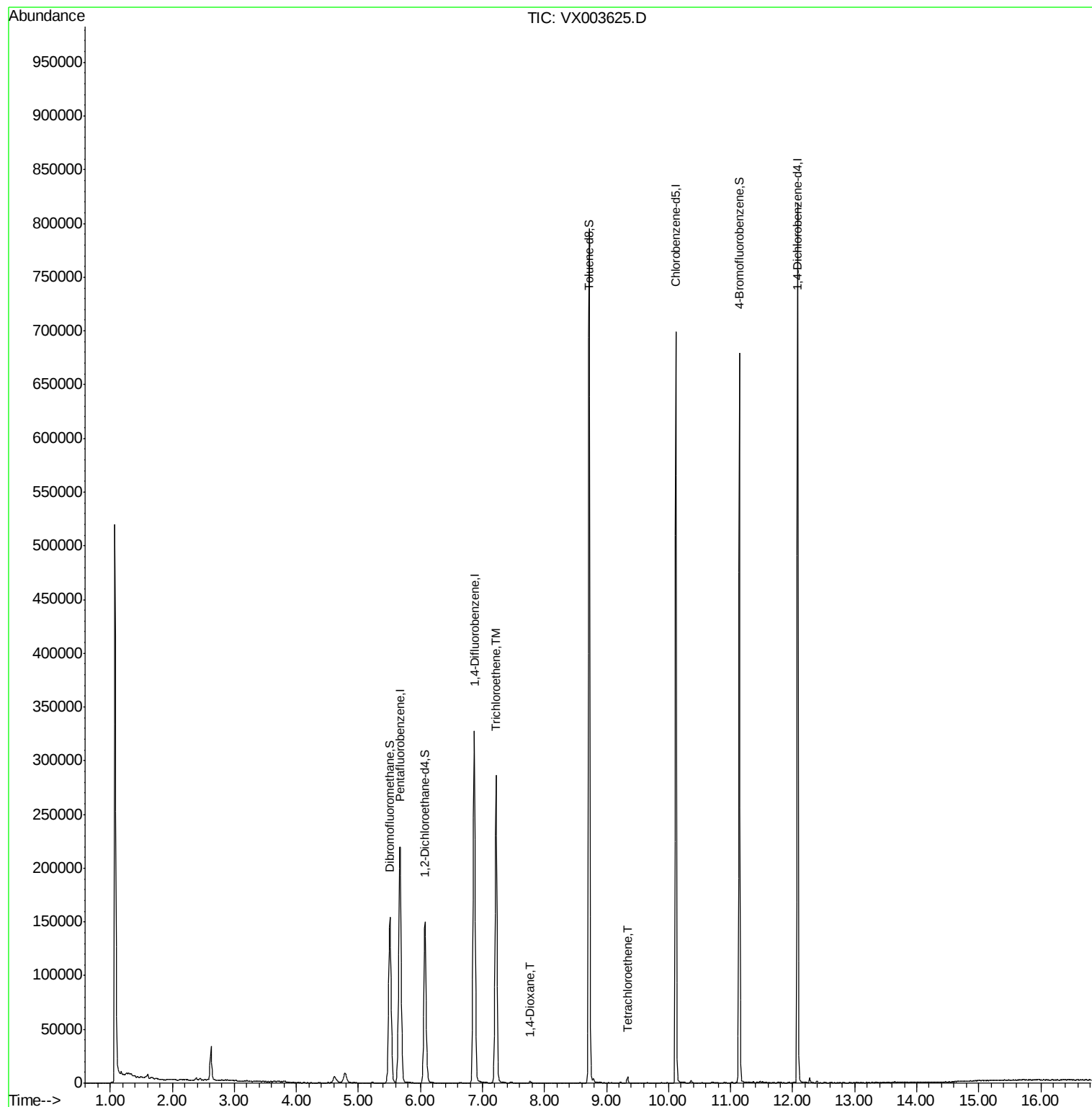
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	351131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187911	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	138459	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
35) Dibromofluoromethane	5.51	113	131052	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
50) Toluene-d8	8.72	98	490023	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	11.14	95	167986	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
Target Compounds						
44) Trichloroethene	7.21	130	121815	35.69	ug/l	96
49) 1,4-Dioxane	7.77	88	971	14.89	ug/l #	87
64) Tetrachloroethene	9.34	164	1285	0.32	ug/l	87

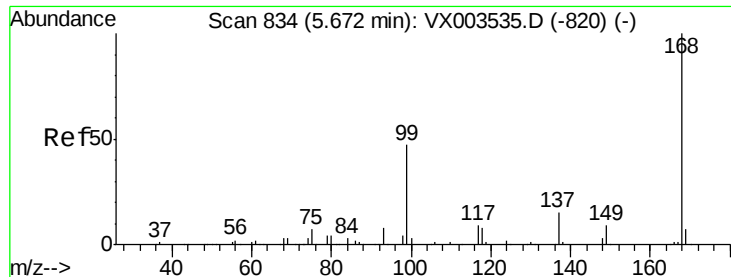
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003625.D

Acq: 24 Jul 2018 01:49

Instrument :

MSVOA_X

ClientSampleId :

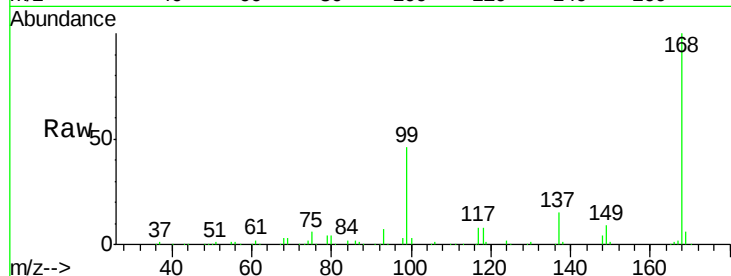
RE126D1-071718

Tot Ion:168 Resp: 246234

Ion Ratio Lower Upper

168 100

99 45.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

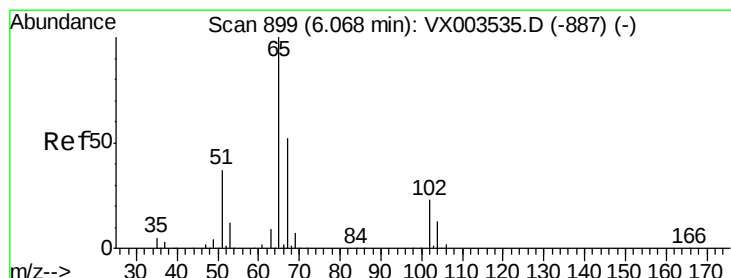
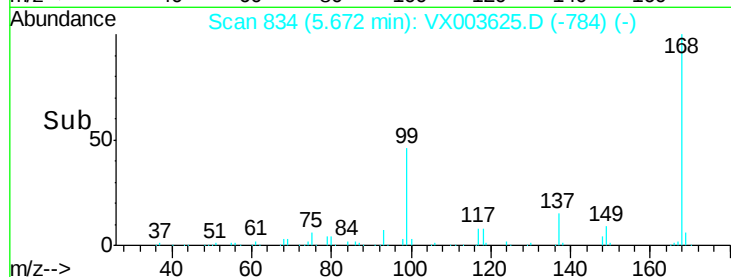
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 47.50 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003625.D

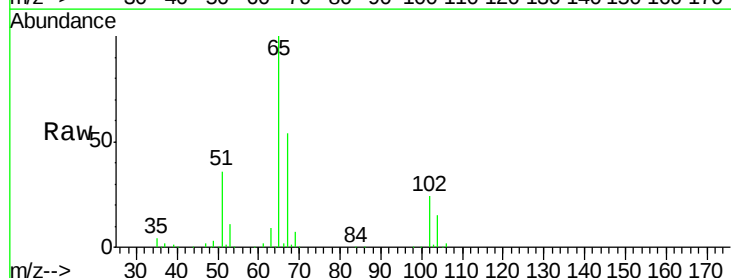
Acq: 24 Jul 2018 01:49

Tgt Ion: 65 Resp: 138459

Ion Ratio Lower Upper

65 100

67 54.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

30000

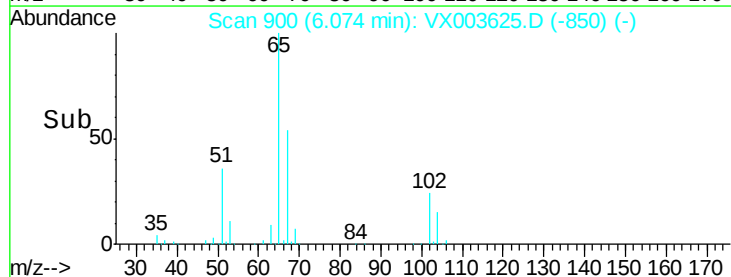
20000

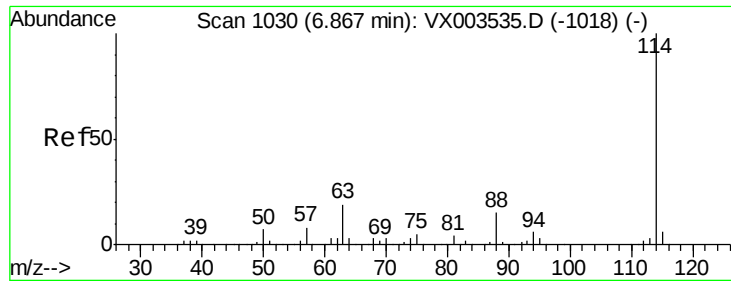
10000

0

Time-->

6.00 6.10 6.20

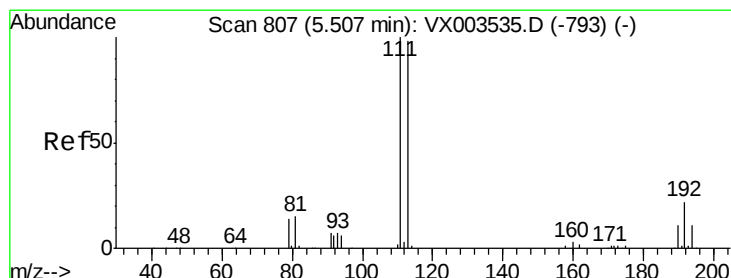
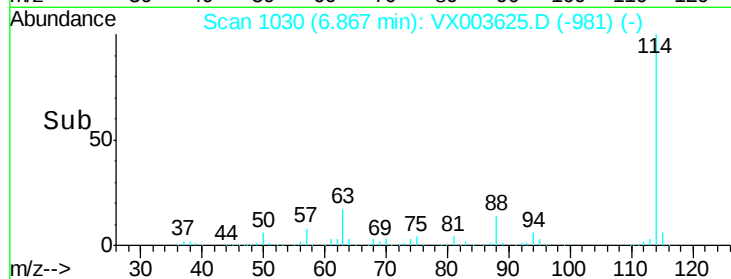
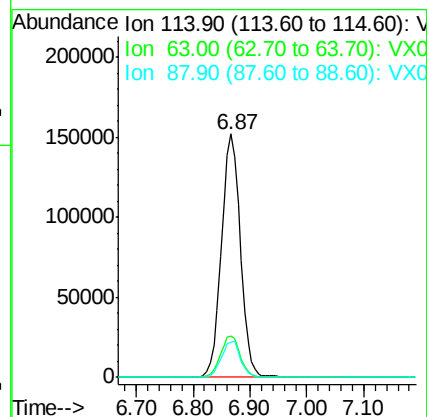
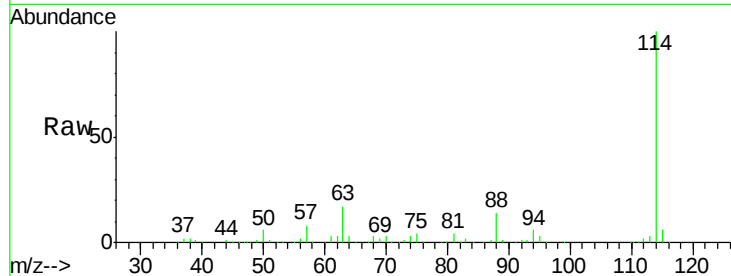




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003625.D
 Acq: 24 Jul 2018 01:49

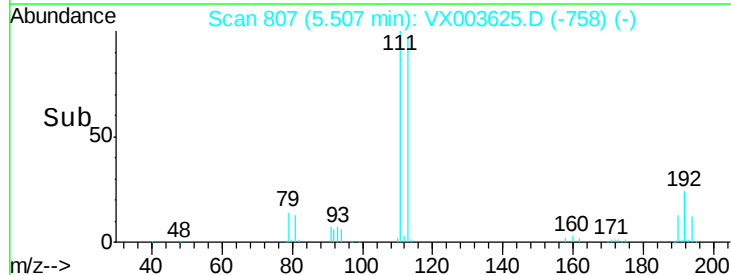
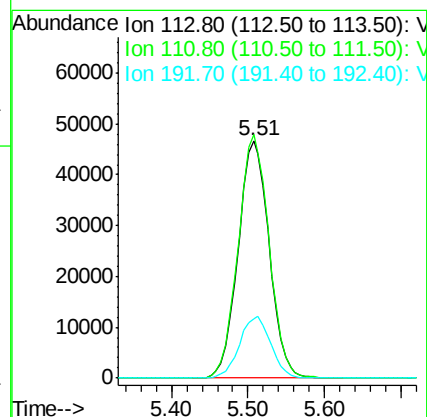
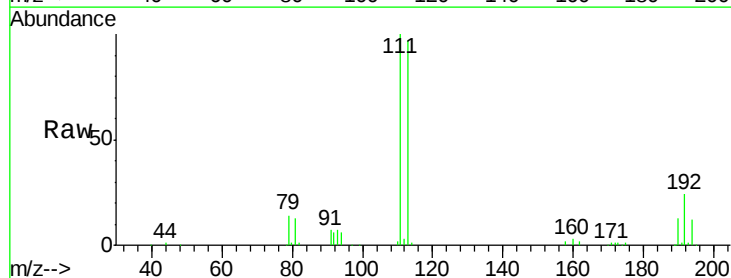
Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D1-071718

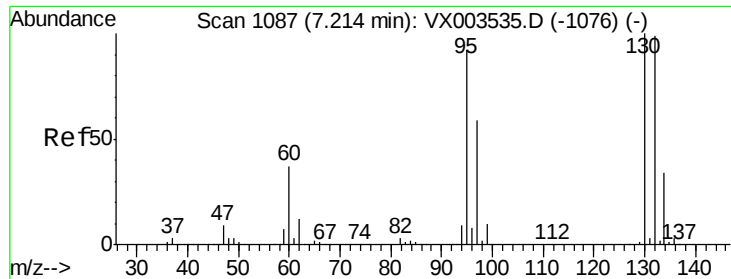
Tot Ion:114 Resp: 351131
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 41.4
 88 14.5 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 49.00 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003625.D
 Acq: 24 Jul 2018 01:49

Tgt Ion:113 Resp: 131052
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.4 122.0
 192 26.1 19.1 28.7





#44

Trichloroethene

Concen: 35.69 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003625.D

Acq: 24 Jul 2018 01:49

Instrument :

MSVOA_X

ClientSampleId :

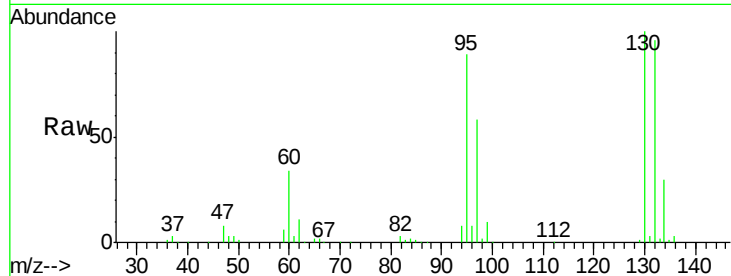
RE126D1-071718

Tot Ion:130 Resp: 121815

Ion Ratio Lower Upper

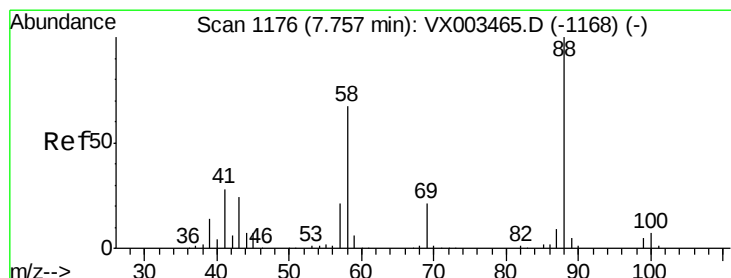
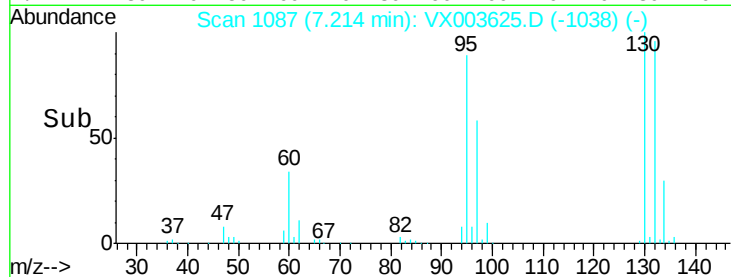
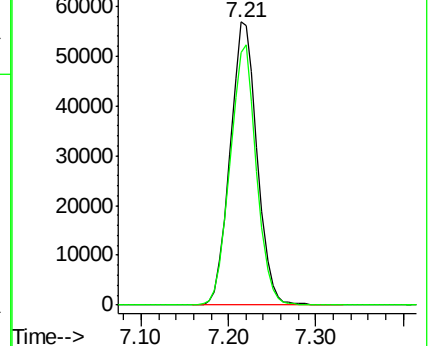
130 100

95 89.1 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 14.89 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VX003625.D

Acq: 24 Jul 2018 01:49

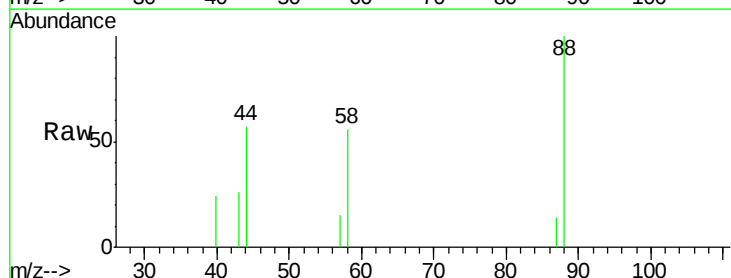
Tgt Ion: 88 Resp: 971

Ion Ratio Lower Upper

88 100

43 25.6 29.8 44.6#

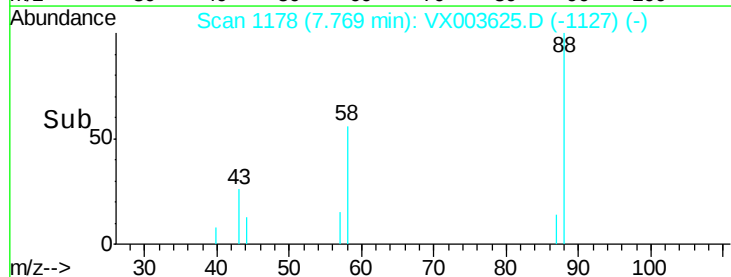
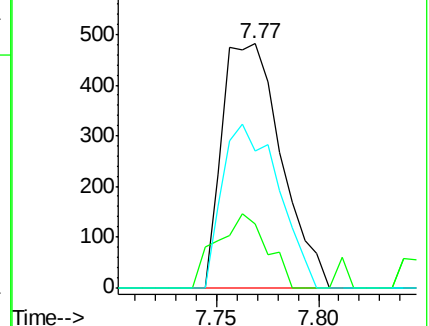
58 63.7 57.1 85.7

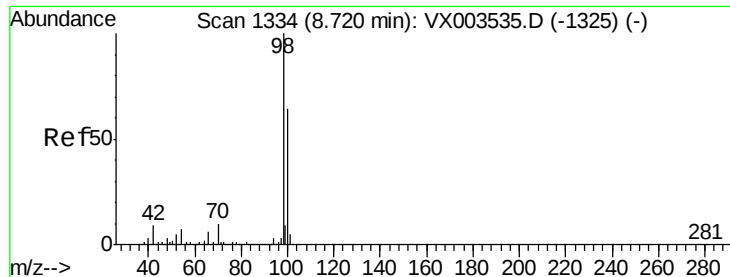


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 48.75 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003625.D

Acq: 24 Jul 2018 01:49

Instrument :

MSVOA_X

ClientSampleId :

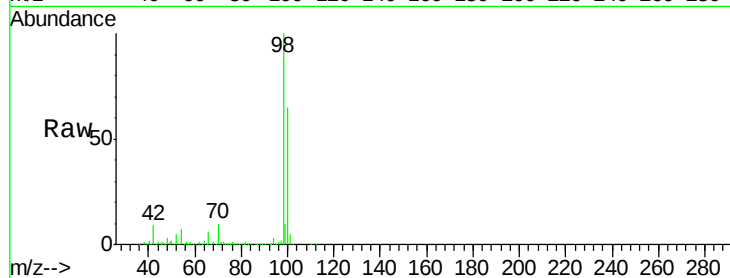
RE126D1-071718

Tot Ion: 98 Resp: 490023

Ion Ratio Lower Upper

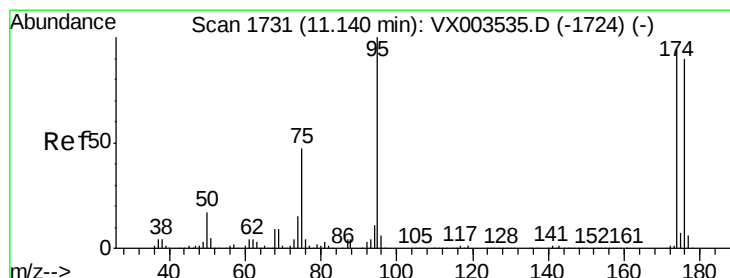
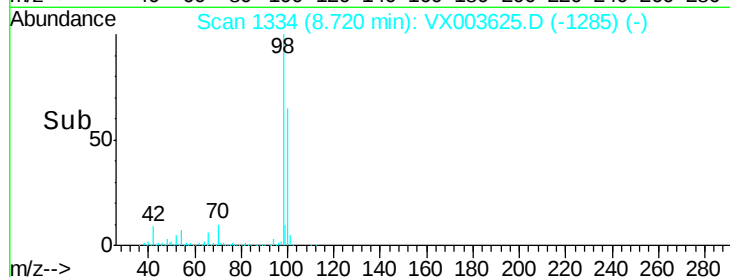
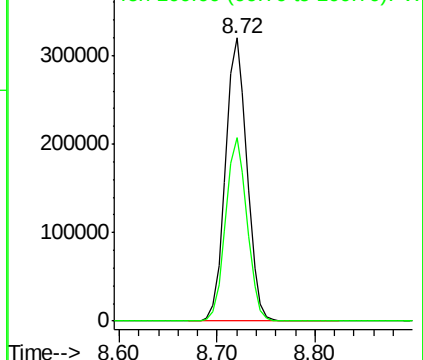
98 100

100 64.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.79 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003625.D

Acq: 24 Jul 2018 01:49

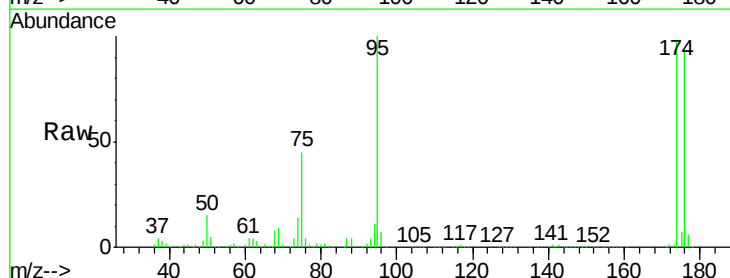
Tgt Ion: 95 Resp: 167986

Ion Ratio Lower Upper

95 100

174 102.0 0.0 187.4

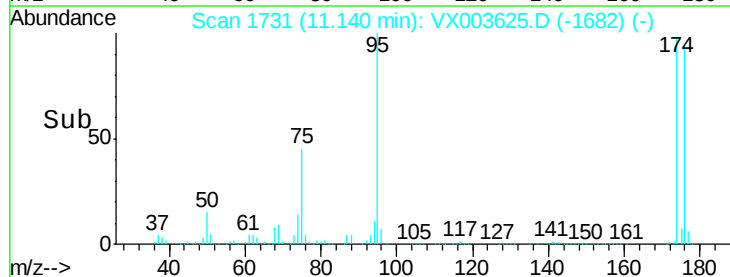
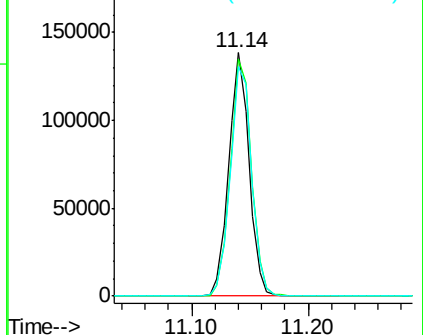
176 99.3 0.0 181.0

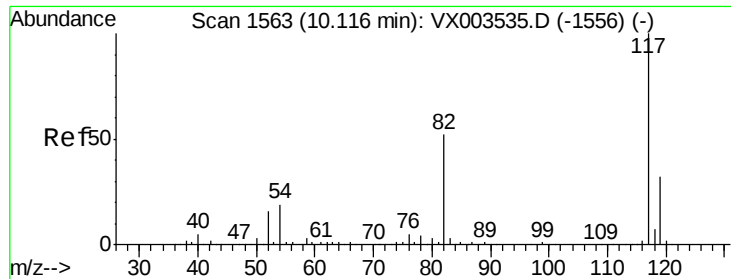


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

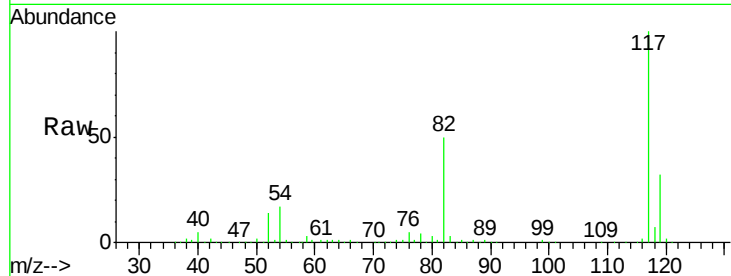




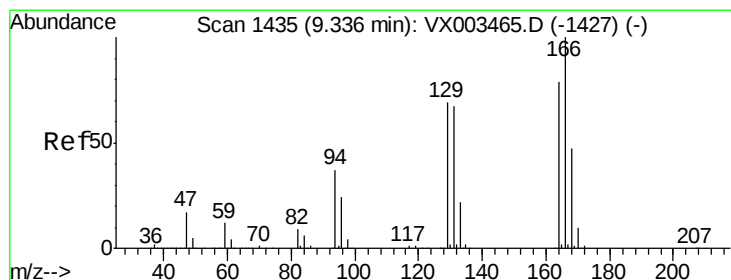
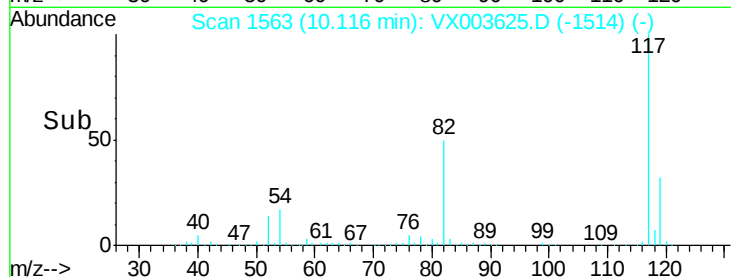
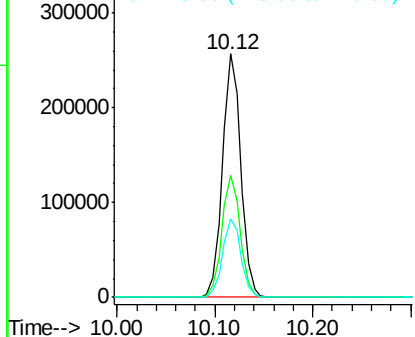
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003625.D
Acq: 24 Jul 2018 01:49

Instrument :
MSVOA_X
ClientSampleId :
RE126D1-071718

Tot Ion:117 Resp: 333464
Ion Ratio Lower Upper
117 100
82 50.2 45.0 67.4
119 32.4 25.8 38.6

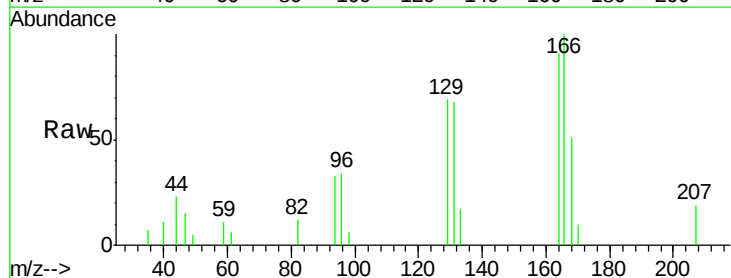


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

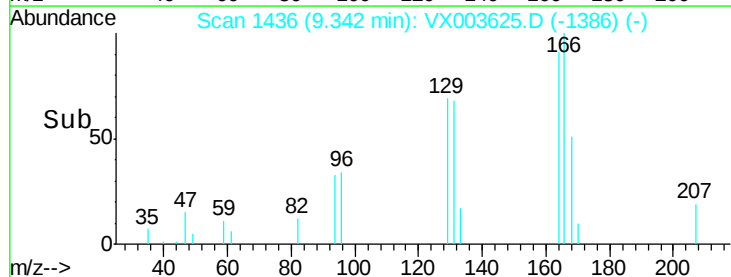
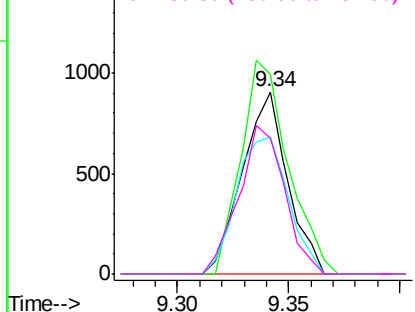


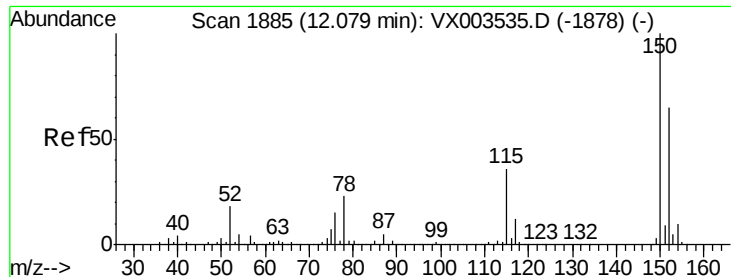
#64
Tetrachloroethene
Concen: 0.32 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003625.D
Acq: 24 Jul 2018 01:49

Tgt Ion:164 Resp: 1285
Ion Ratio Lower Upper
164 100
166 109.8 102.9 154.3
129 75.5 68.6 102.8
131 74.6 66.8 100.2



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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003625.D

Acq: 24 Jul 2018 01:49

Instrument :

MSVOA_X

ClientSampleId :

RE126D1-071718

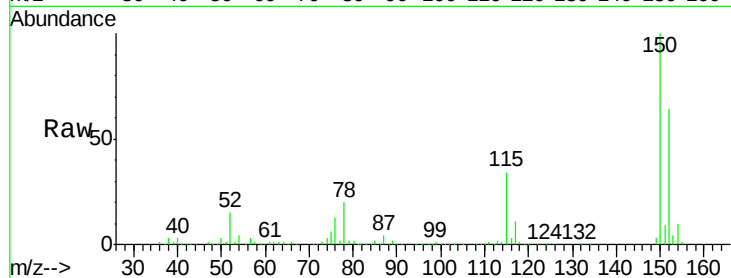
Tot Ion:152 Resp: 187911

Ion Ratio Lower Upper

152 100

115 52.1 40.1 120.2

150 155.0 0.0 347.2



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

