

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030719\
 Data File : VX007892.D
 Acq On : 07 Mar 2019 18:58
 Operator : JC/SP
 Sample : K1793-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D3-20190306

Quant Time: Mar 08 06:53:08 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

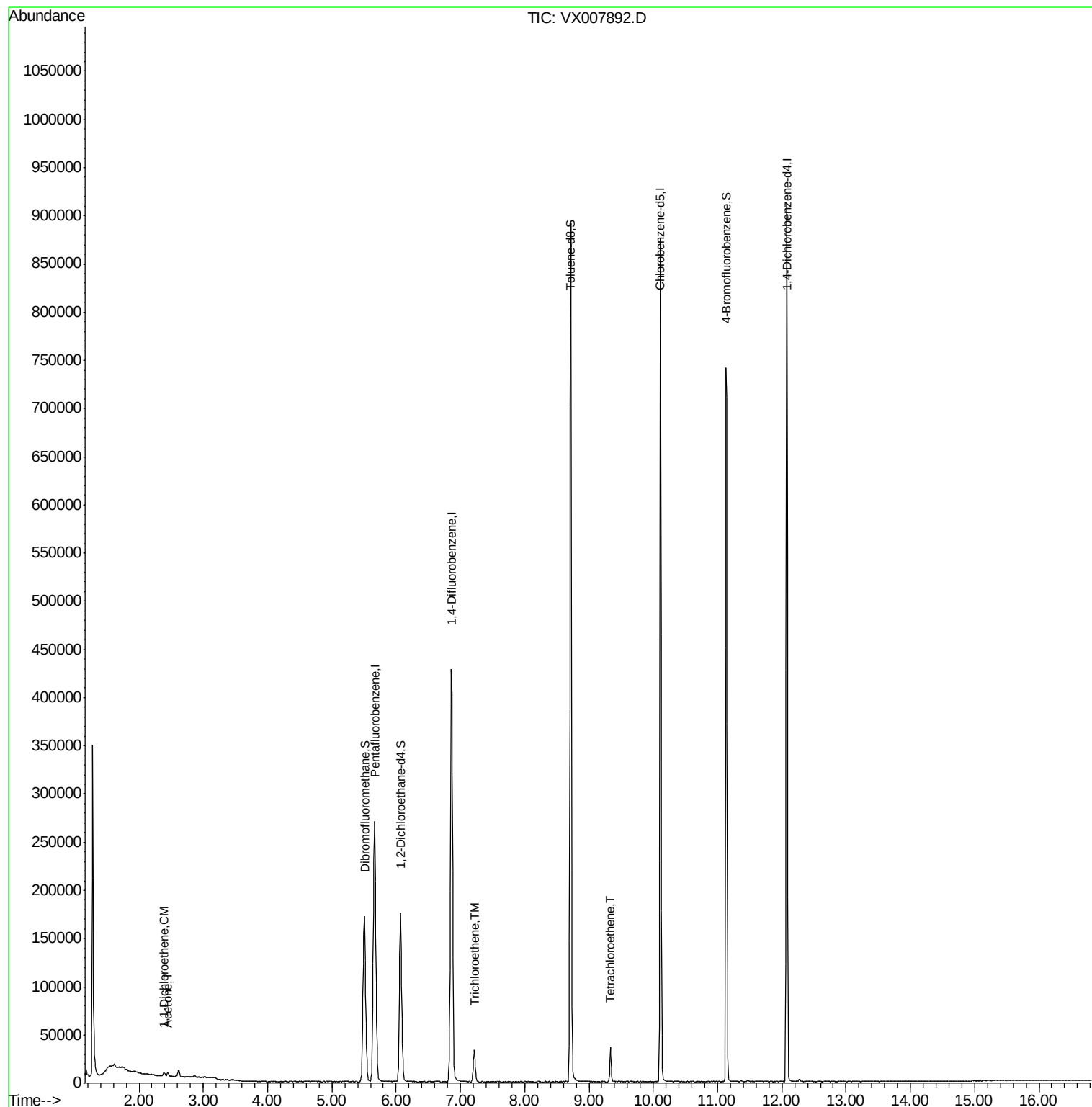
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	285418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	449131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	418251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200803	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	159329	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
35) Dibromofluoromethane	5.50	113	149468	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
50) Toluene-d8	8.71	98	543666	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
62) 4-Bromofluorobenzene	11.13	95	197120	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.38	96	524	0.216	ug/l	93
16) Acetone	2.45	43	4818	2.765	ug/l	98
44) Trichloroethene	7.21	130	12900	3.866	ug/l	99
64) Tetrachloroethene	9.34	164	7377	2.128	ug/l	96

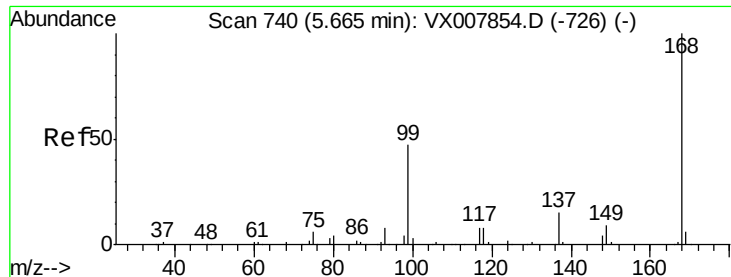
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007892.D

Acq: 07 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

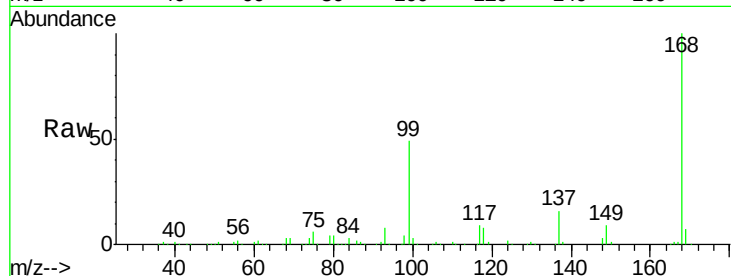
RE126D3-20190306

Tot Ion:168 Resp: 285418

Ion Ratio Lower Upper

168 100

99 49.4 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

120000

100000

80000

60000

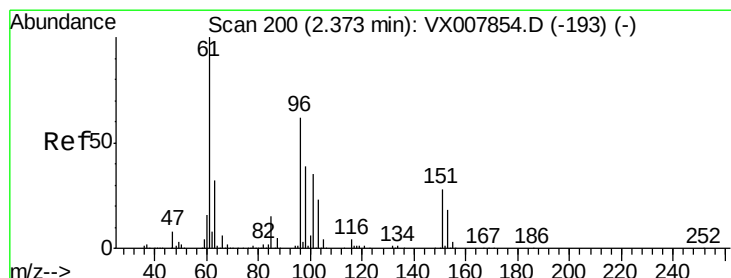
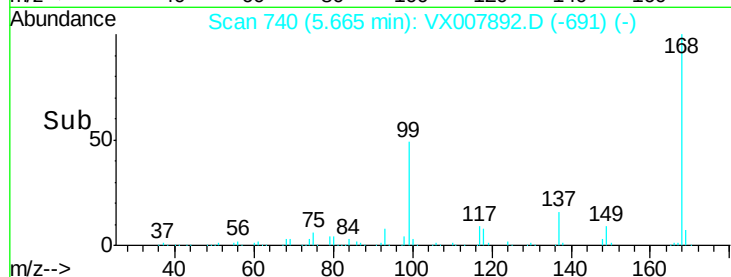
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#12

1,1-Dichloroethene

Concen: 0.216 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX007892.D

Acq: 07 Mar 2019 18:58

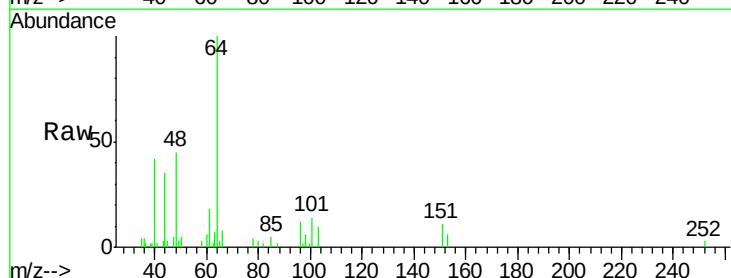
Tgt Ion: 96 Resp: 524

Ion Ratio Lower Upper

96 100

61 156.6 129.8 194.6

98 53.8 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

600

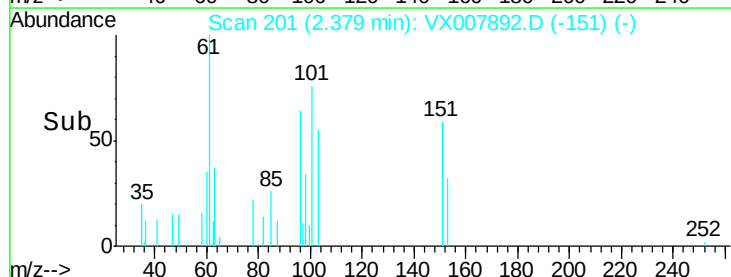
400

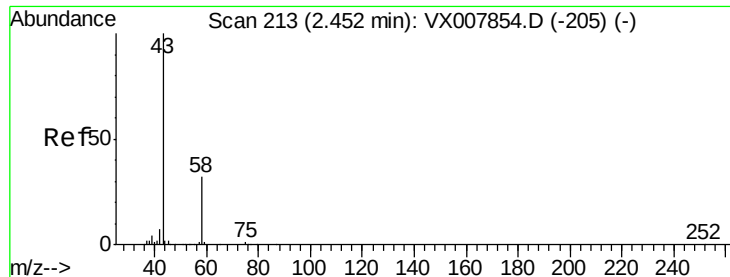
200

0

Time-->

2.35 2.40





#16

Acetone

Concen: 2.765 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007892.D

Acq: 07 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

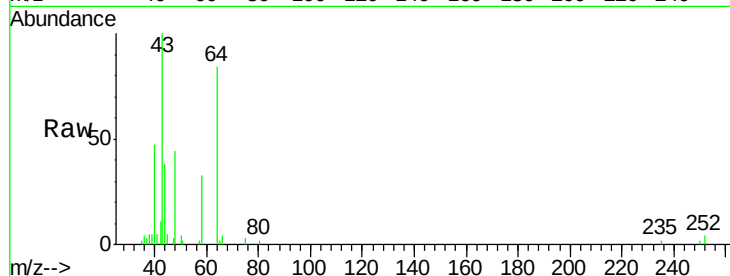
RE126D3-20190306

Tot Ion: 43 Resp: 4818

Ion Ratio Lower Upper

43 100

58 33.2 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

3000

2500

2000

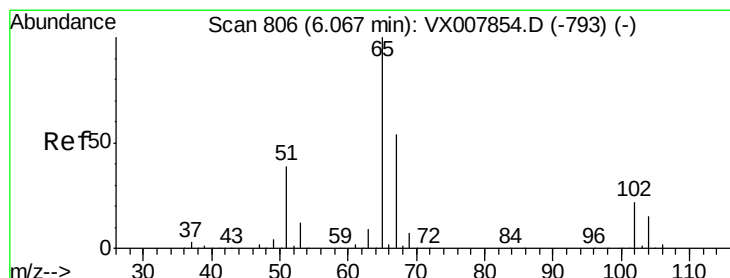
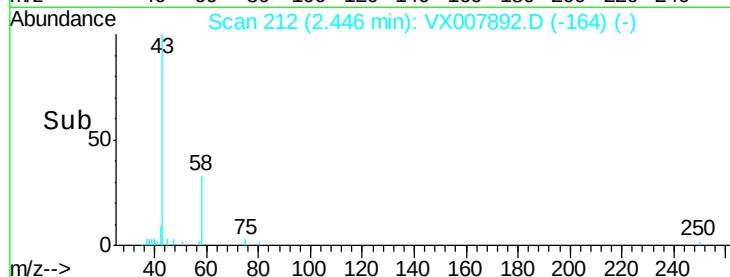
1500

1000

500

0

Time--> 2.35 2.40 2.45 2.50 2.55



#33

1,2-Dichloroethane-d4

Concen: 52.918 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007892.D

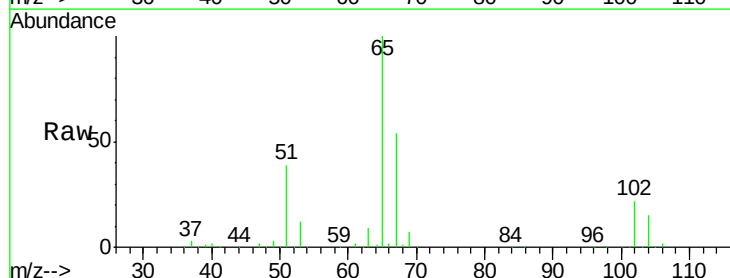
Acq: 07 Mar 2019 18:58

Tgt Ion: 65 Resp: 159329

Ion Ratio Lower Upper

65 100

67 54.4 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

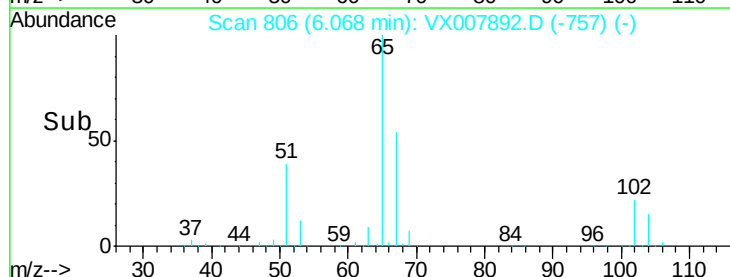
60000

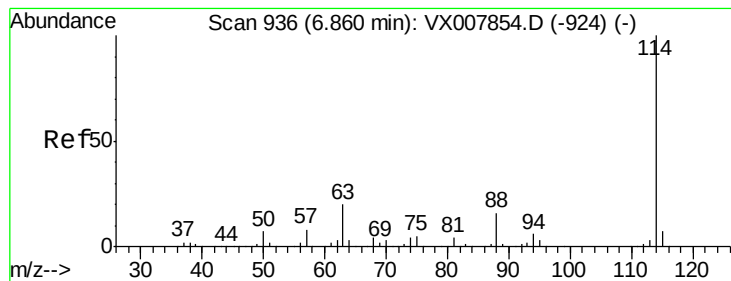
40000

20000

0

Time--> 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: VX007892.D

Acq: 07 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

RE126D3-20190306

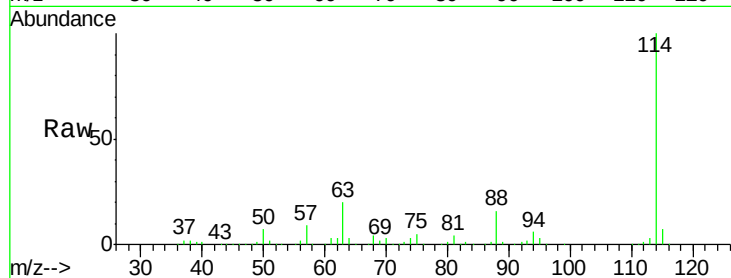
Tot Ion:114 Resp: 449131

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.8

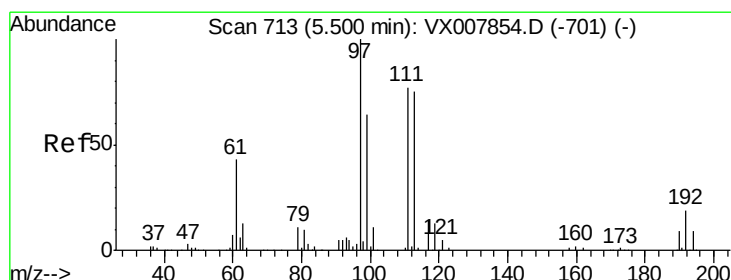
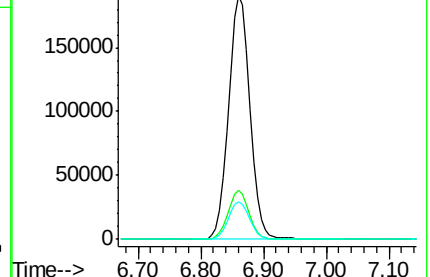
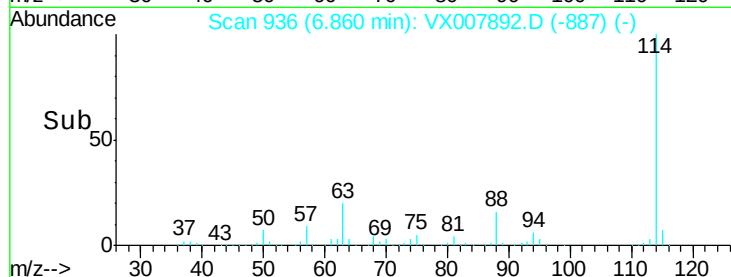
88 15.6 0.0 31.4



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: 52.026 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007892.D

Acq: 07 Mar 2019 18:58

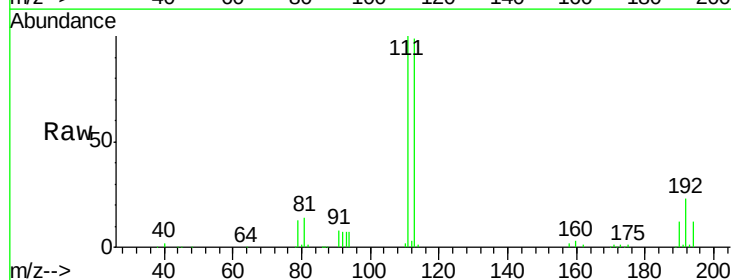
Tgt Ion:113 Resp: 149468

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

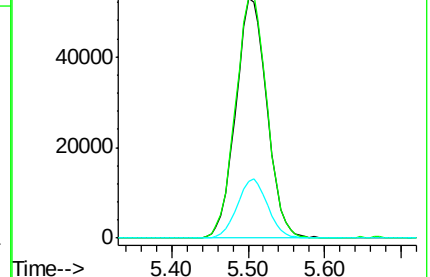
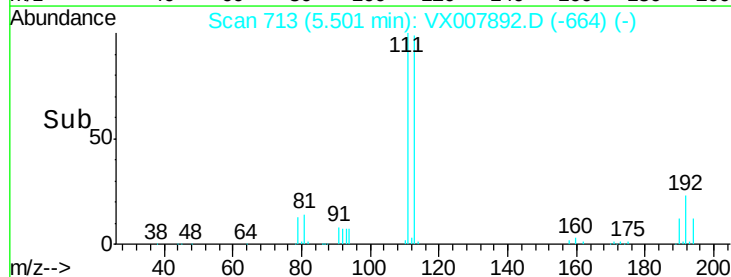
192 24.2 19.4 29.0

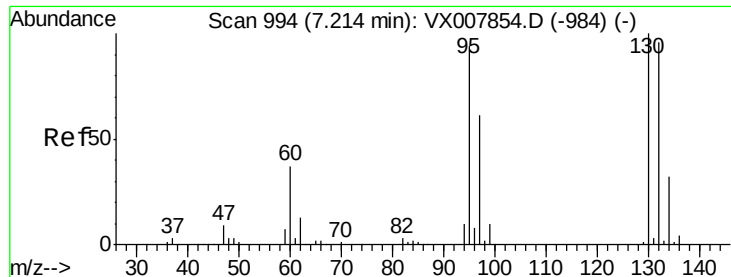


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.866 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007892.D

Acq: 07 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

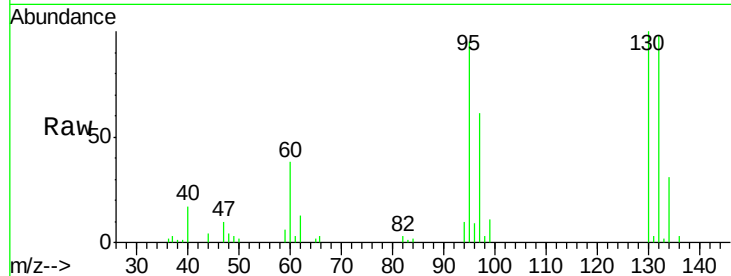
RE126D3-20190306

Tot Ion:130 Resp: 12900

Ion Ratio Lower Upper

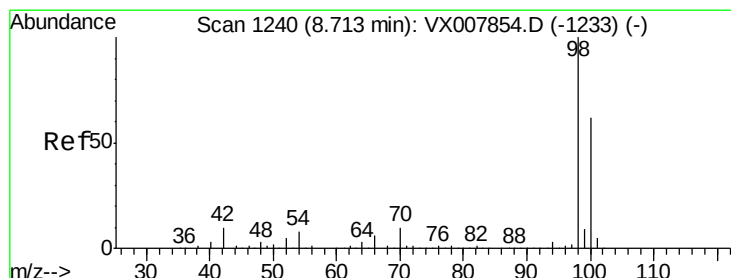
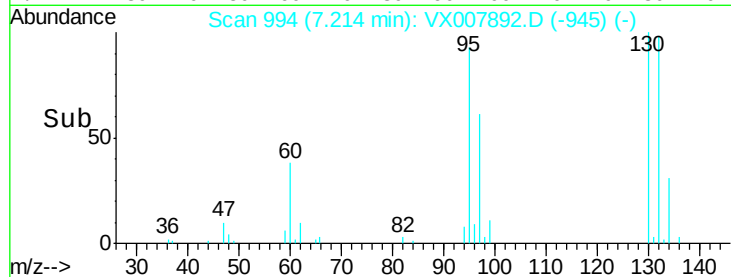
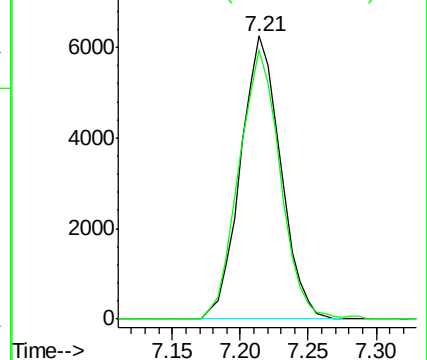
130 100

95 95.3 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: 51.527 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007892.D

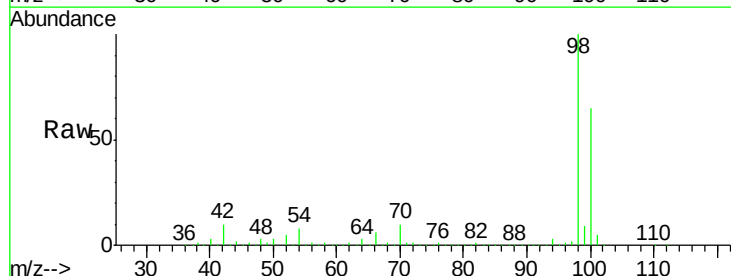
Acq: 07 Mar 2019 18:58

Tgt Ion: 98 Resp: 543666

Ion Ratio Lower Upper

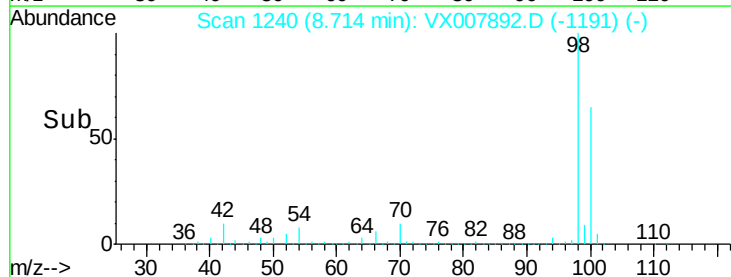
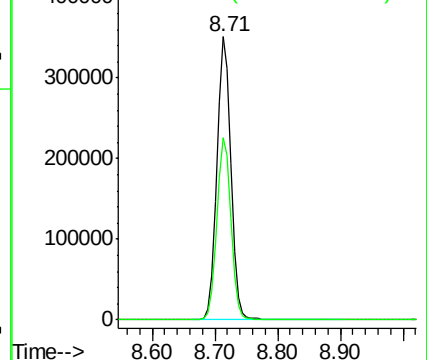
98 100

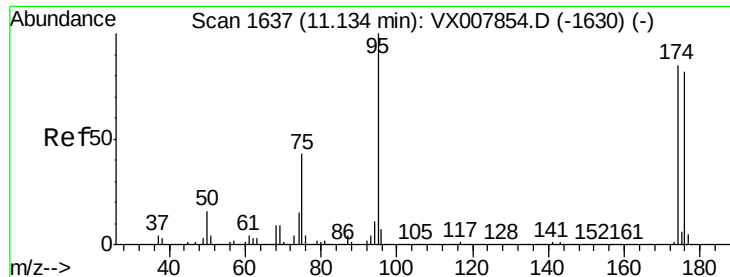
100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.287 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007892.D

Acq: 07 Mar 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

RE126D3-20190306

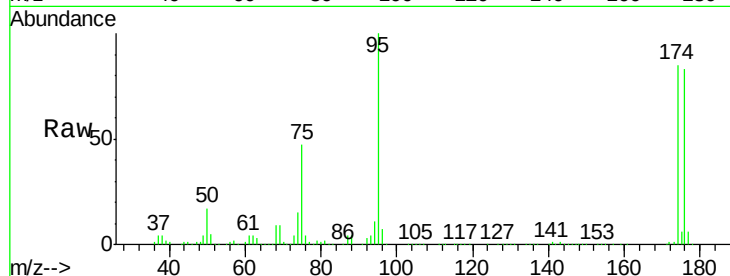
Tot Ion: 95 Resp: 197120

Ion Ratio Lower Upper

95 100

174 92.0 0.0 182.8

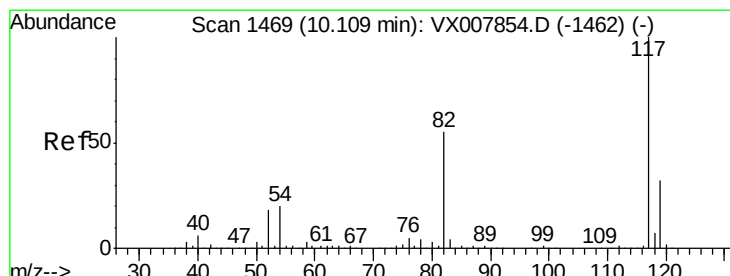
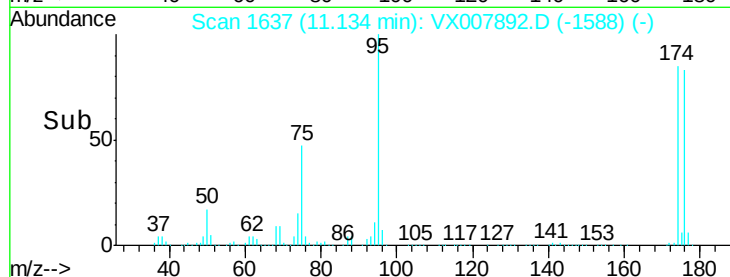
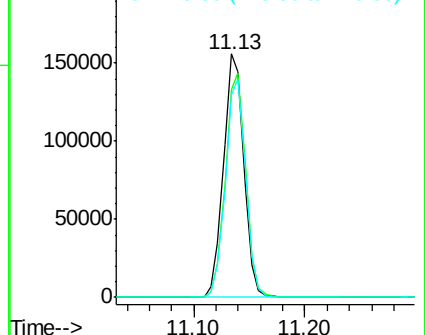
176 89.2 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX007892.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007892.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007892.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007892.D

Acq: 07 Mar 2019 18:58

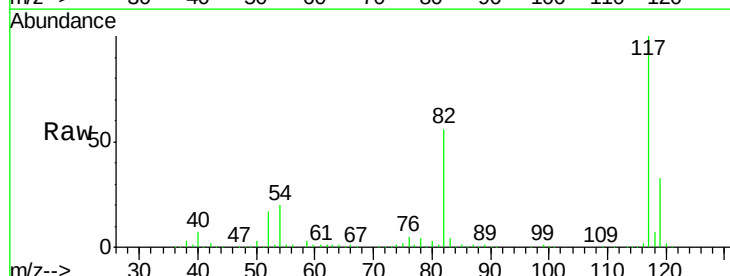
Tgt Ion: 117 Resp: 418251

Ion Ratio Lower Upper

117 100

82 55.8 44.3 66.5

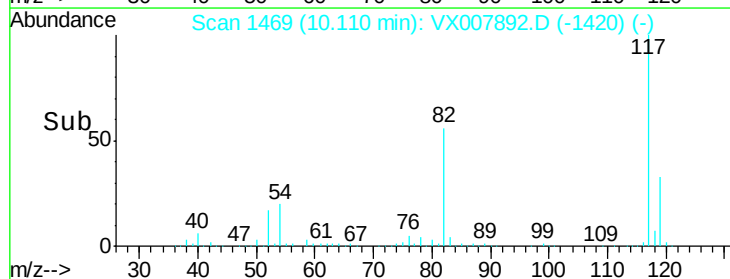
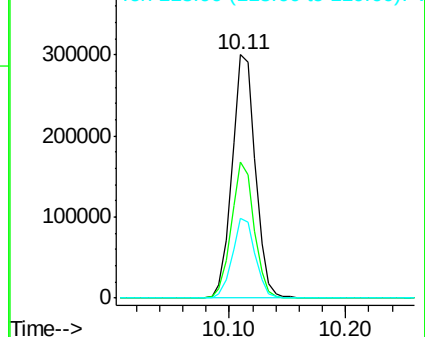
119 32.8 25.3 37.9

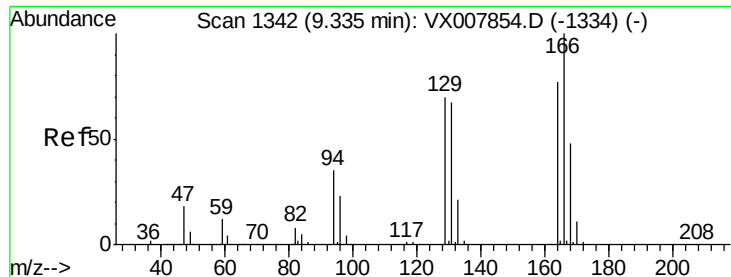


Abundance Ion 116.90 (116.60 to 117.60): VX007892.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX007892.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX007892.D (-1420) (-)

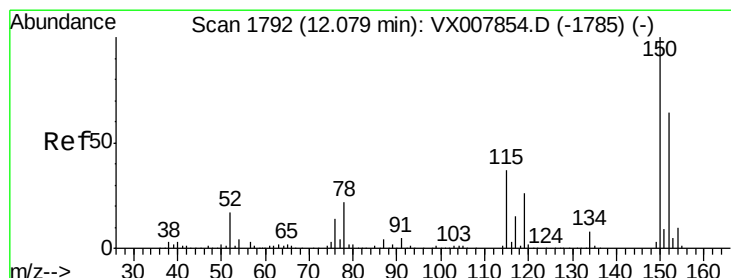
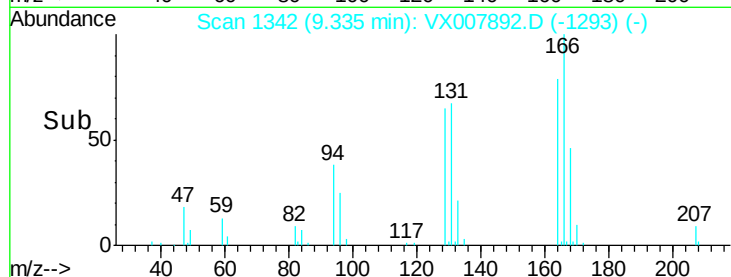
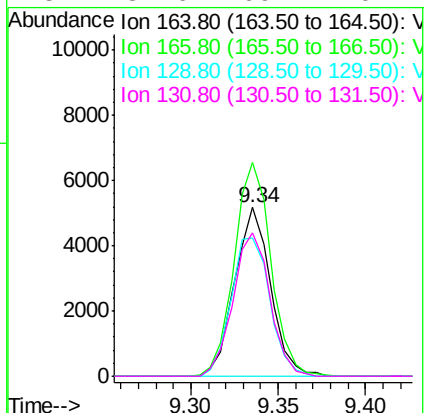
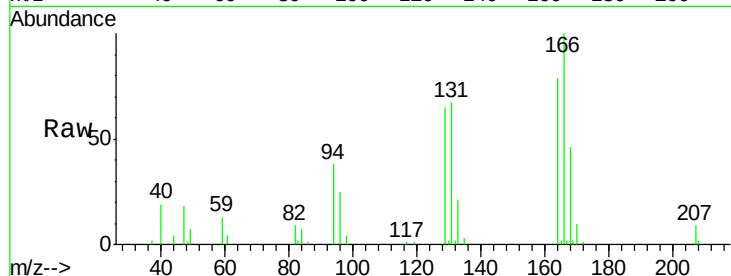




#64
Tetrachloroethene
Concen: 2.128 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007892.D
Acq: 07 Mar 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20190306

Tot Ion:164 Resp: 7377
Ion Ratio Lower Upper
164 100
166 126.5 103.4 155.0
129 81.7 72.2 108.4
131 84.6 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: VX007892.D
Acq: 07 Mar 2019 18:58

Tgt Ion:152 Resp: 200803
Ion Ratio Lower Upper
152 100
115 55.1 38.6 115.7
150 156.7 0.0 348.4

