

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX031419\
 Data File : VX008089.D
 Acq On : 15 Mar 2019 00:13
 Operator : JC/SP
 Sample : K1839-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20190307

Quant Time: Mar 17 06:54:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

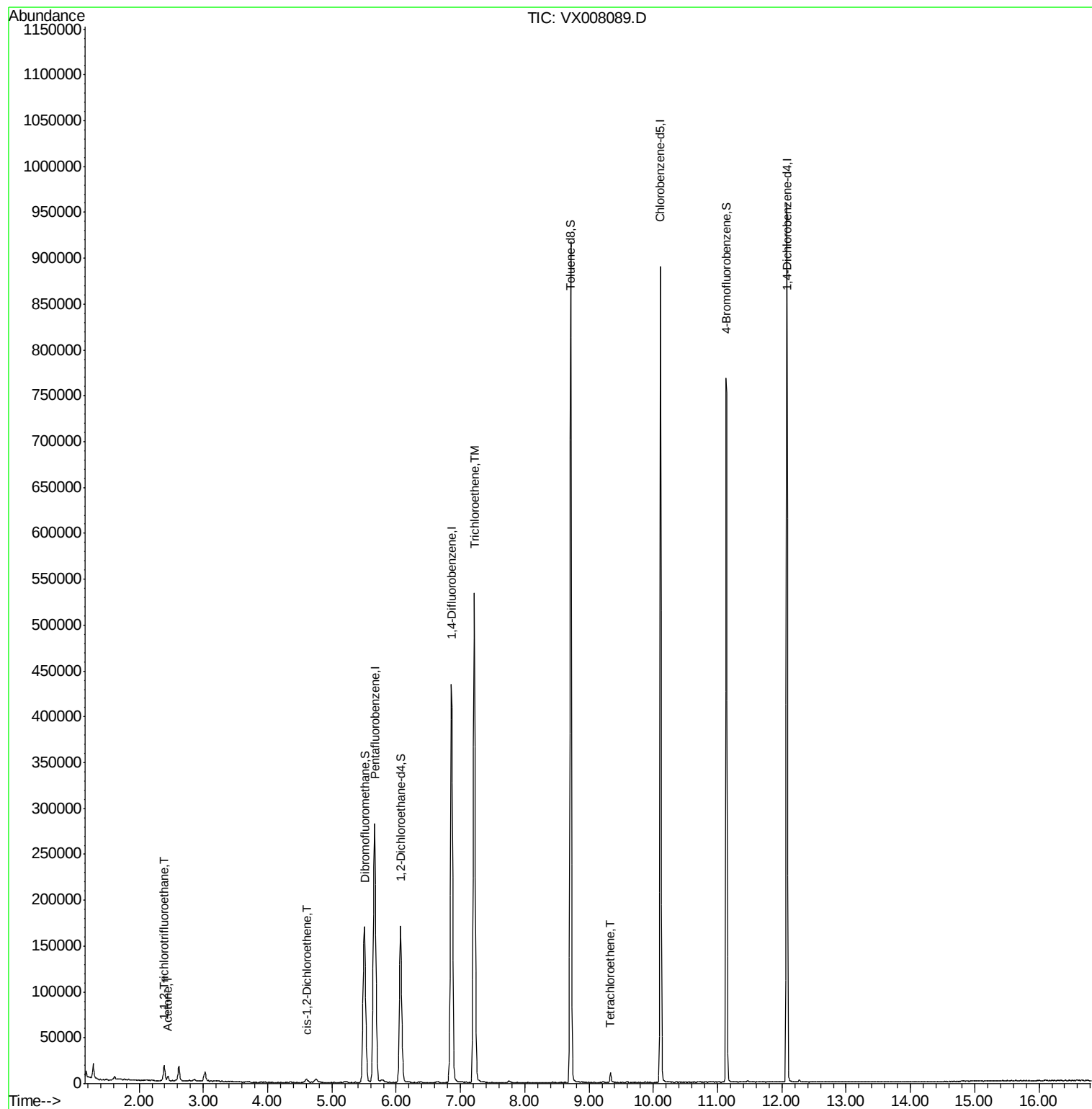
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	305936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	470389	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	441168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216259	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	153114	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
35) Dibromofluoromethane	5.50	113	149052	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
50) Toluene-d8	8.71	98	560073	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	11.13	95	205509	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	6033	2.445	ug/l	96
16) Acetone	2.45	43	5287	3.629	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	2295	0.768	ug/l	88
44) Trichloroethene	7.21	130	223847	65.426	ug/l	98
64) Tetrachloroethene	9.34	164	2276	0.637	ug/l	95

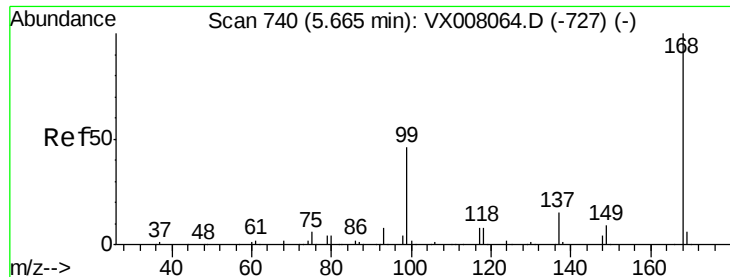
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
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: VX008089.D

Acq: 15 Mar 2019 00:13

Instrument :

MSVOA_X

ClientSampleId :

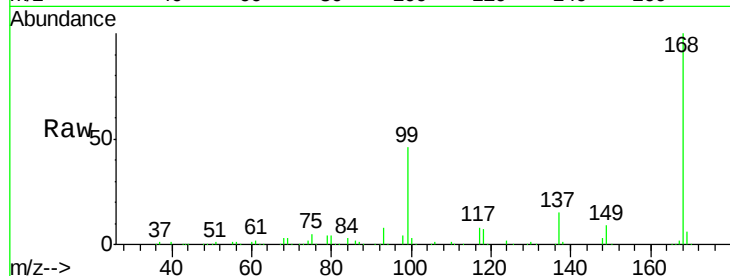
RE109D3-20190307

Tot Ion:168 Resp: 305936

Ion Ratio Lower Upper

168 100

99 46.0 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

120000

100000

80000

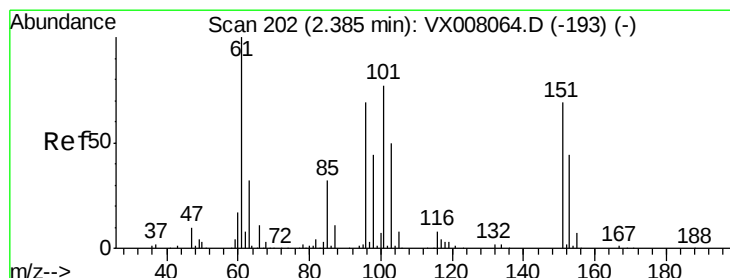
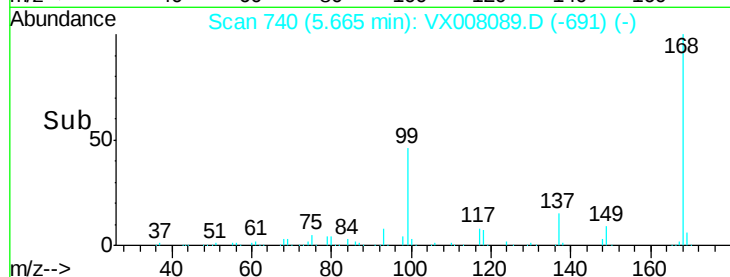
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.445 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX008089.D

Acq: 15 Mar 2019 00:13

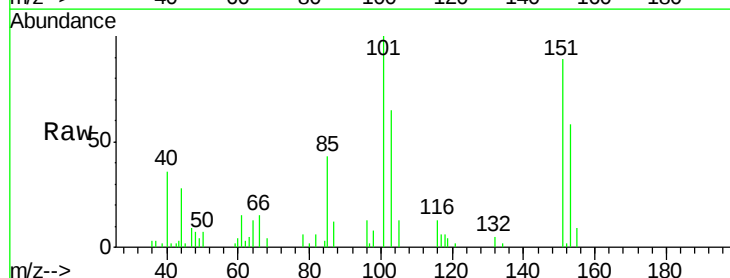
Tgt Ion:101 Resp: 6033

Ion Ratio Lower Upper

101 100

85 42.8 33.8 50.6

151 91.2 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

4000

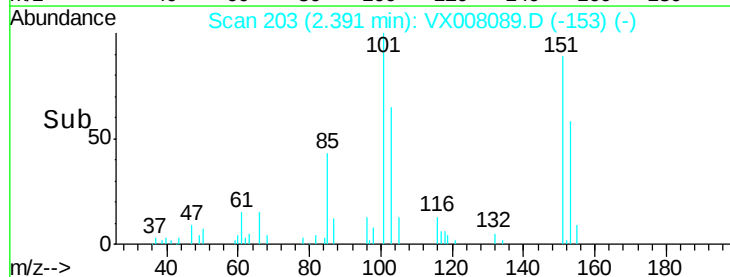
3000

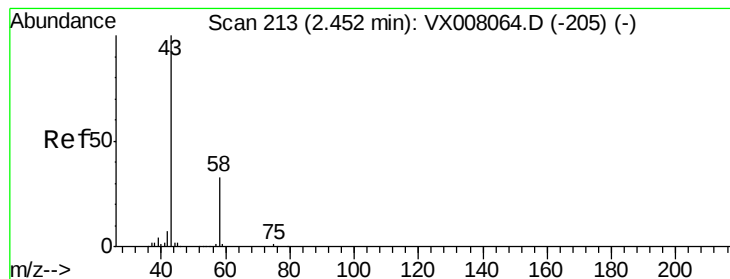
2000

1000

0

Time--> 2.30 2.35 2.40 2.45





#16

Acetone

Concen: 3.629 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008089.D

Acq: 15 Mar 2019 00:13

Instrument :

MSVOA_X

ClientSampleId :

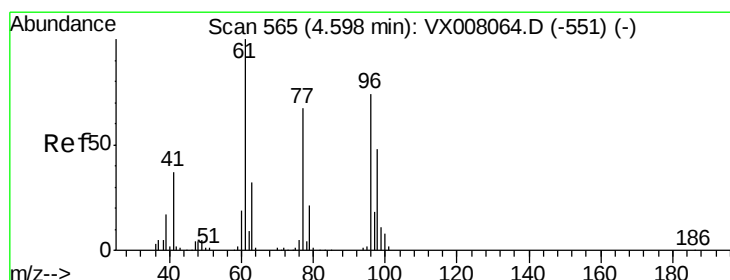
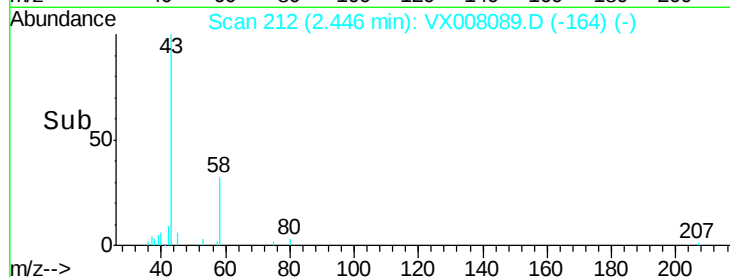
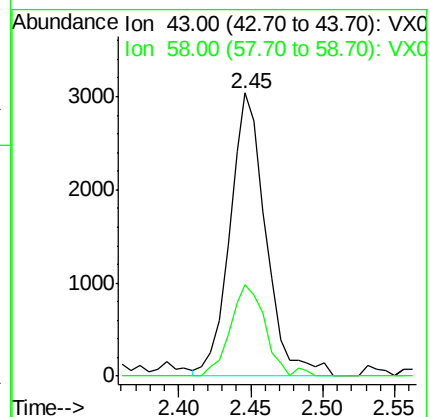
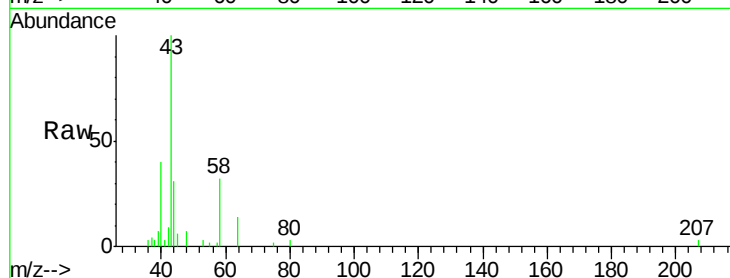
RE109D3-20190307

Tot Ion: 43 Resp: 5287

Ion Ratio Lower Upper

43 100

58 32.5 25.5 38.3



#27

cis-1,2-Dichloroethene

Concen: 0.768 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX008089.D

Acq: 15 Mar 2019 00:13

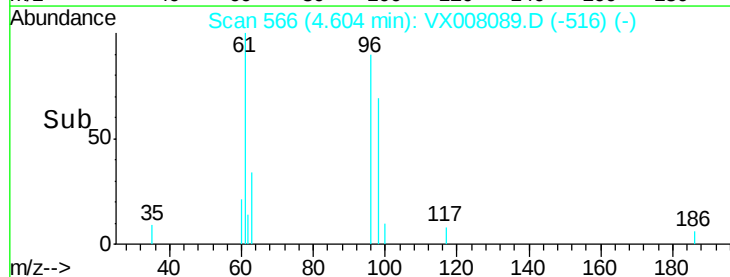
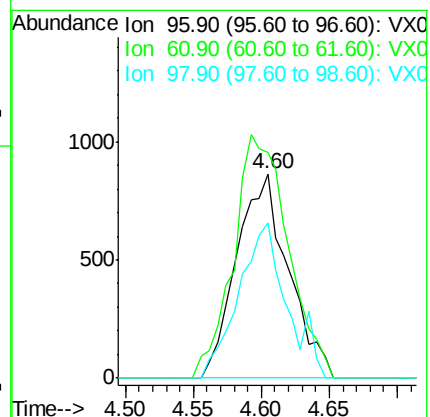
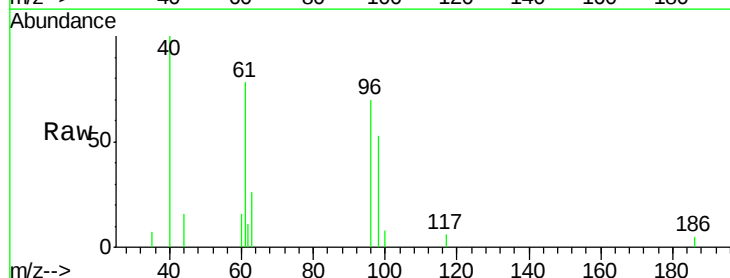
Tgt Ion: 96 Resp: 2295

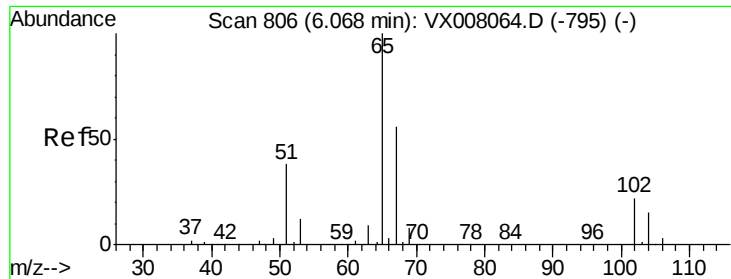
Ion Ratio Lower Upper

96 100

61 125.9 0.0 288.0

98 70.4 0.0 129.0

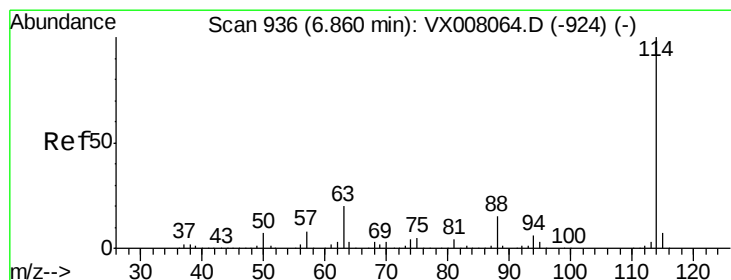
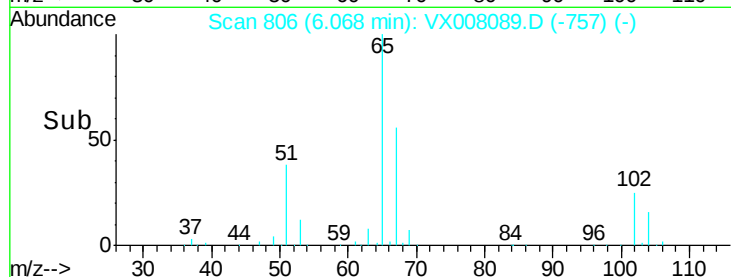
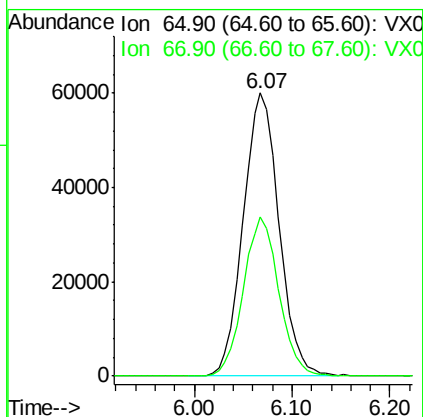
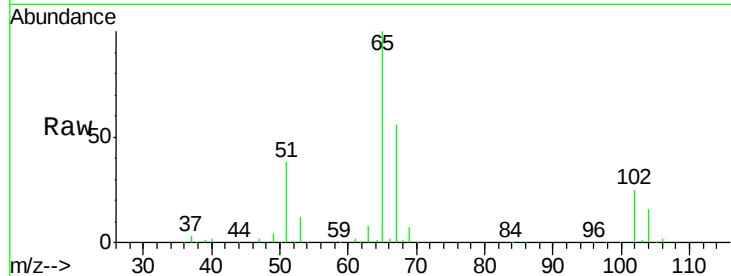




#33
 1,2-Dichloroethane-d4
 Concen: 49.614 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX008089.D
 Acq: 15 Mar 2019 00:13

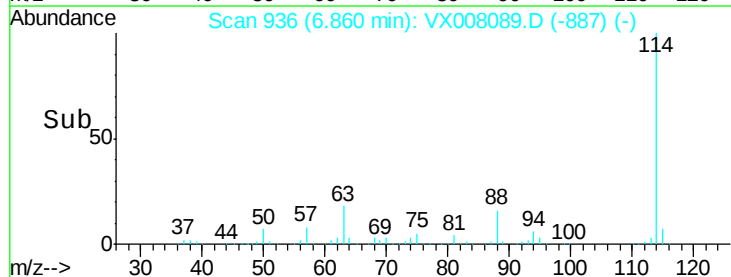
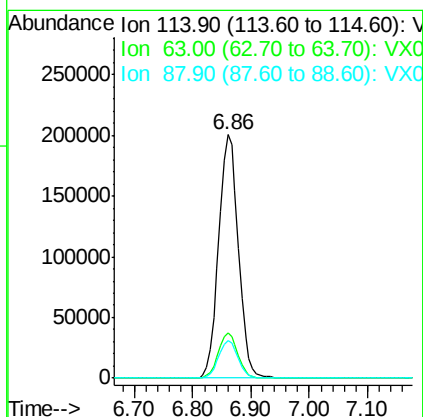
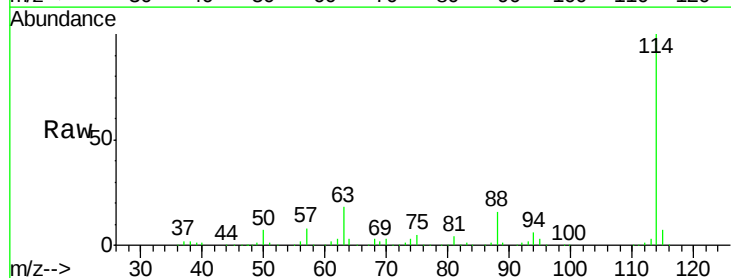
Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20190307

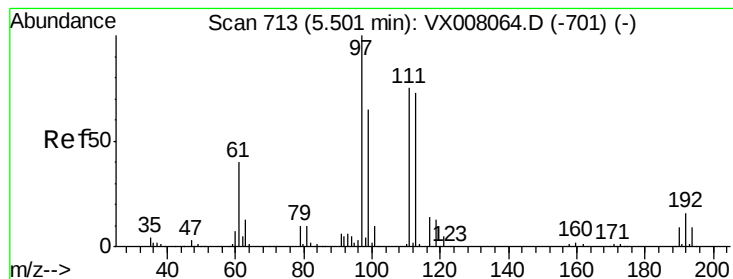
Tot Ion: 65 Resp: 153114
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008089.D
 Acq: 15 Mar 2019 00:13

Tgt Ion: 114 Resp: 470389
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.8
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.968 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008089.D

Acq: 15 Mar 2019 00:13

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-20190307

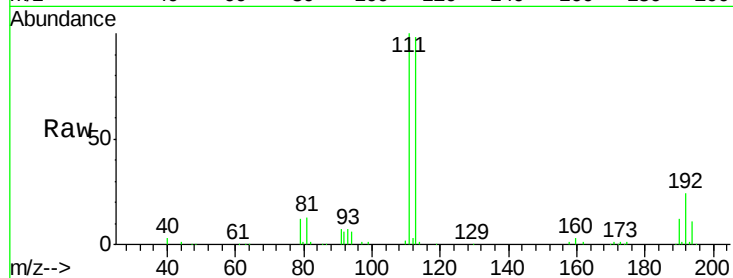
Tot Ion:113 Resp: 149052

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

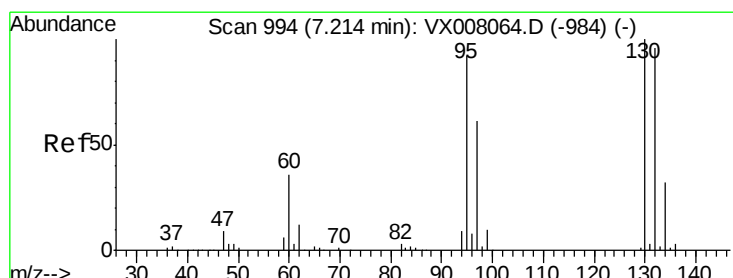
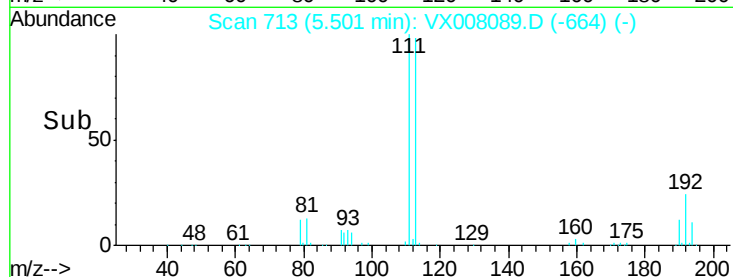
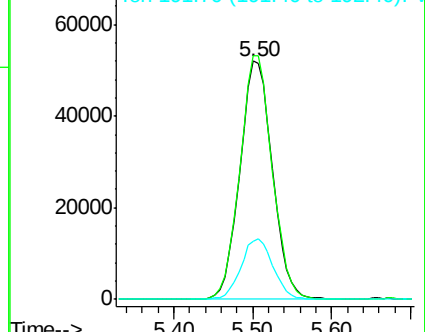
192 25.0 19.4 29.0



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: 65.426 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008089.D

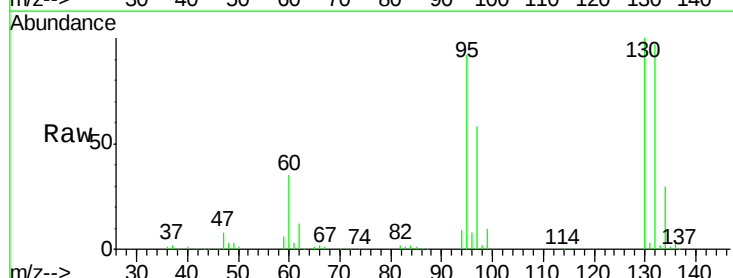
Acq: 15 Mar 2019 00:13

Tgt Ion:130 Resp: 223847

Ion Ratio Lower Upper

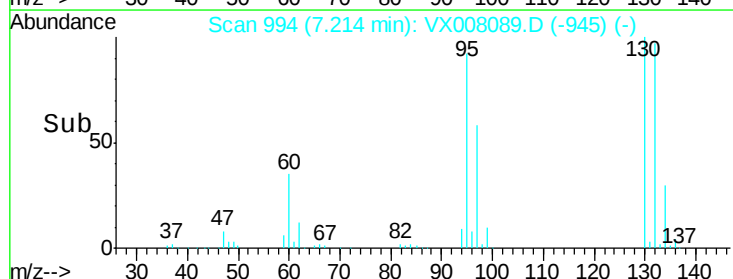
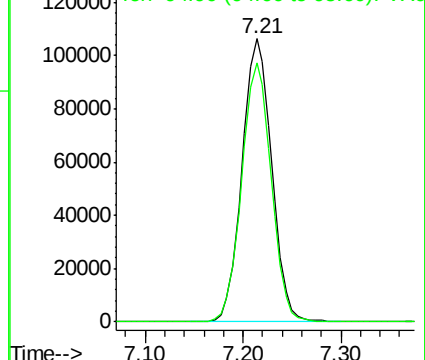
130 100

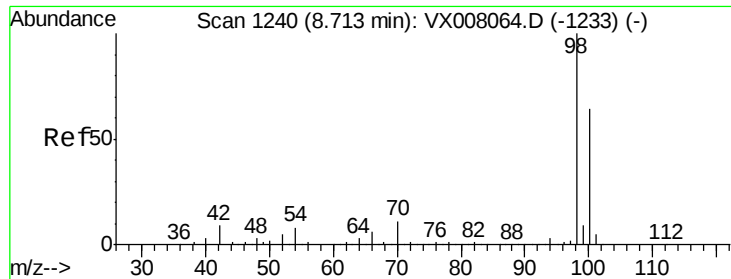
95 91.7 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.367 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008089.D

Acq: 15 Mar 2019 00:13

Instrument :

MSVOA_X

ClientSampleId :

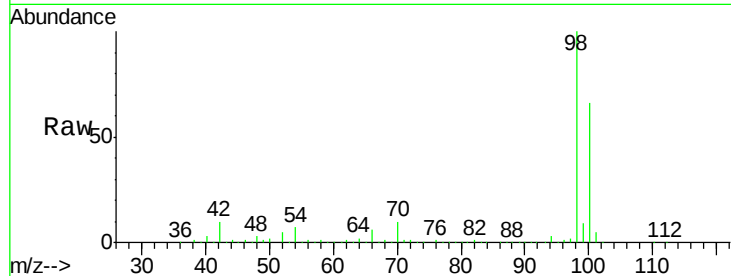
RE109D3-20190307

Tot Ion: 98 Resp: 560073

Ion Ratio Lower Upper

98 100

100 65.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

400000

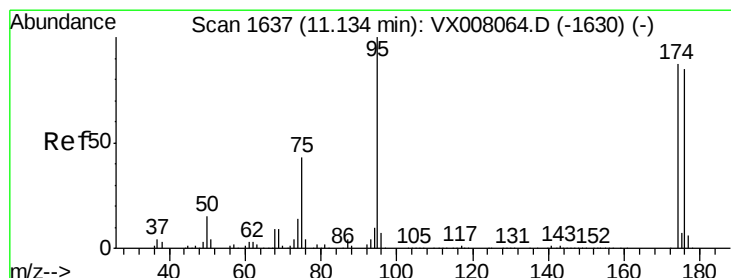
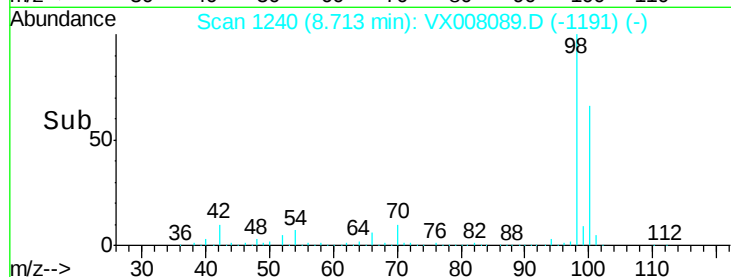
300000

200000

100000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 50.566 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008089.D

Acq: 15 Mar 2019 00:13

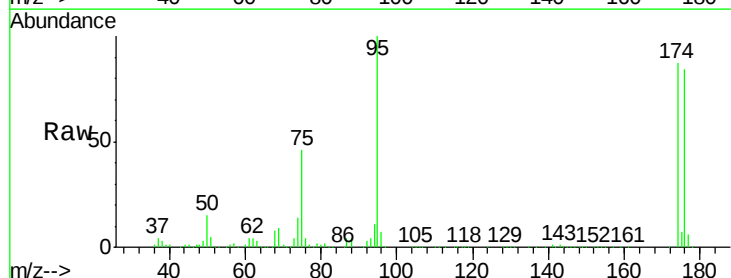
Tgt Ion: 95 Resp: 205509

Ion Ratio Lower Upper

95 100

174 95.8 0.0 182.8

176 92.5 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

11.13

200000

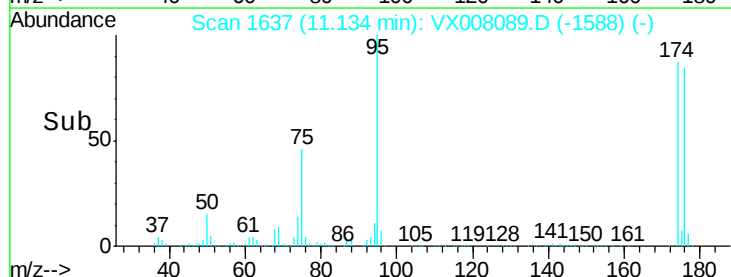
150000

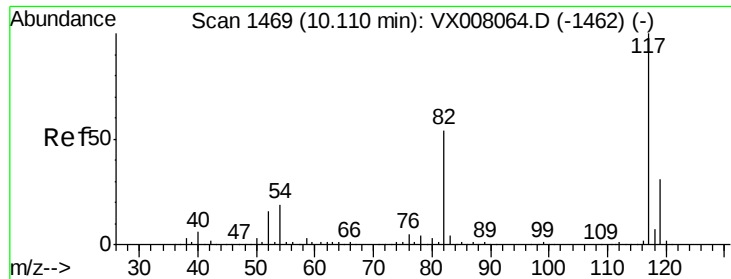
100000

50000

0

Time--> 11.10 11.20

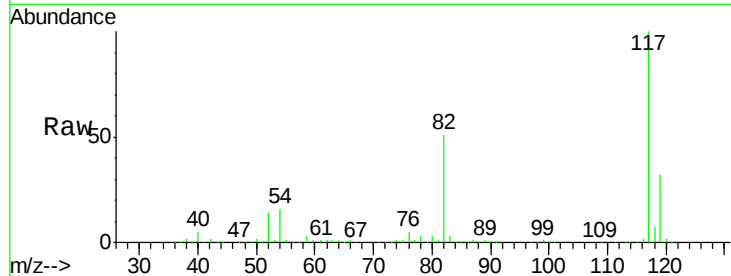




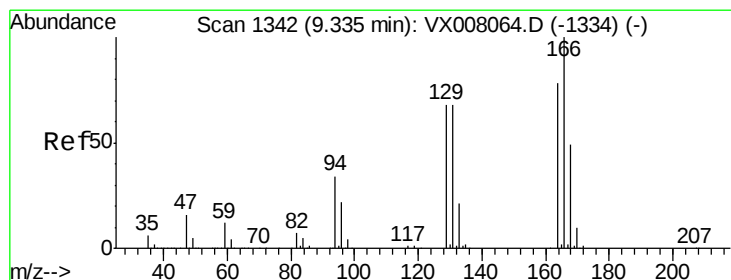
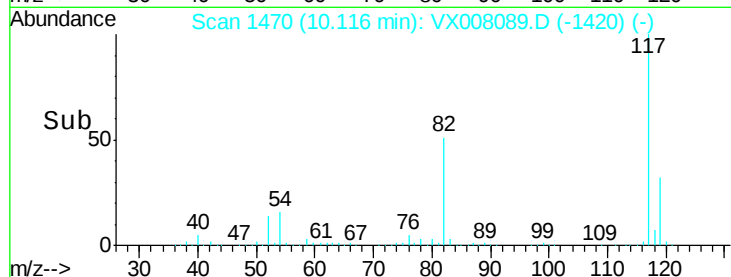
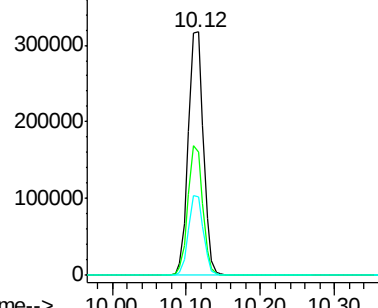
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008089.D
Acq: 15 Mar 2019 00:13

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20190307

Tot Ion:117 Resp: 441168
Ion Ratio Lower Upper
117 100
82 50.6 44.3 66.5
119 32.3 25.3 37.9



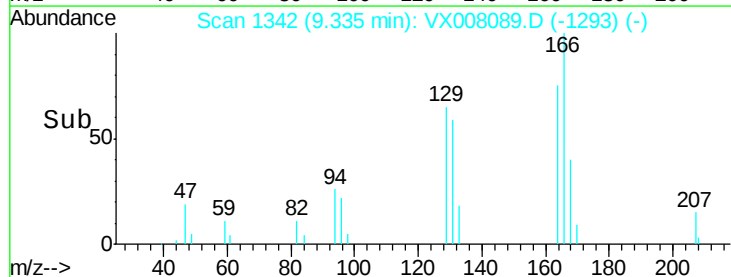
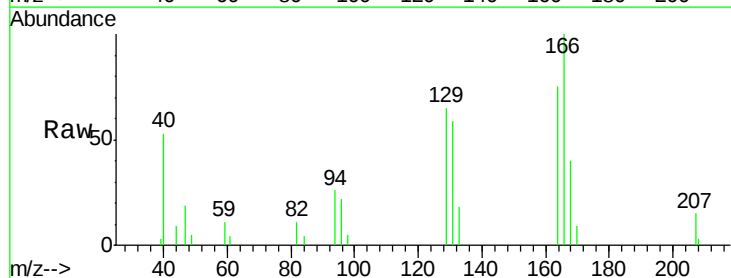
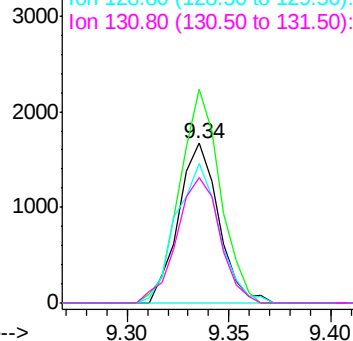
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

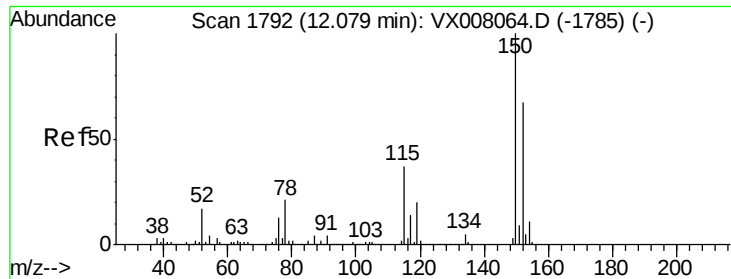


#64
Tetrachloroethene
Concen: 0.637 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008089.D
Acq: 15 Mar 2019 00:13

Tgt Ion:164 Resp: 2276
Ion Ratio Lower Upper
164 100
166 133.5 103.4 155.0
129 87.0 72.2 108.4
131 78.1 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: VX008089.D

Acq: 15 Mar 2019 00:13

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-20190307

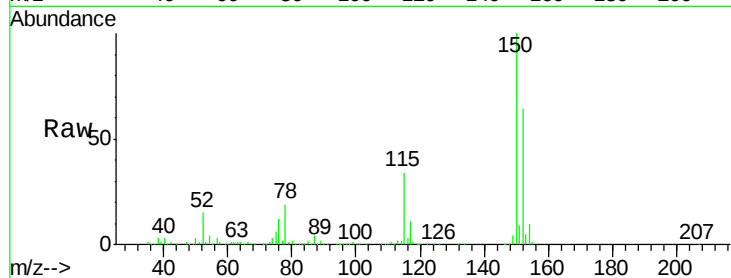
Tot Ion:152 Resp: 216259

Ion Ratio Lower Upper

152 100

115 54.5 38.6 115.7

150 156.6 0.0 348.4



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

