

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX031919\
 Data File : VX008198.D
 Acq On : 19 Mar 2019 18:30
 Operator : JC/SP
 Sample : K1860-04DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20190311DL

Quant Time: Mar 26 02:53:12 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

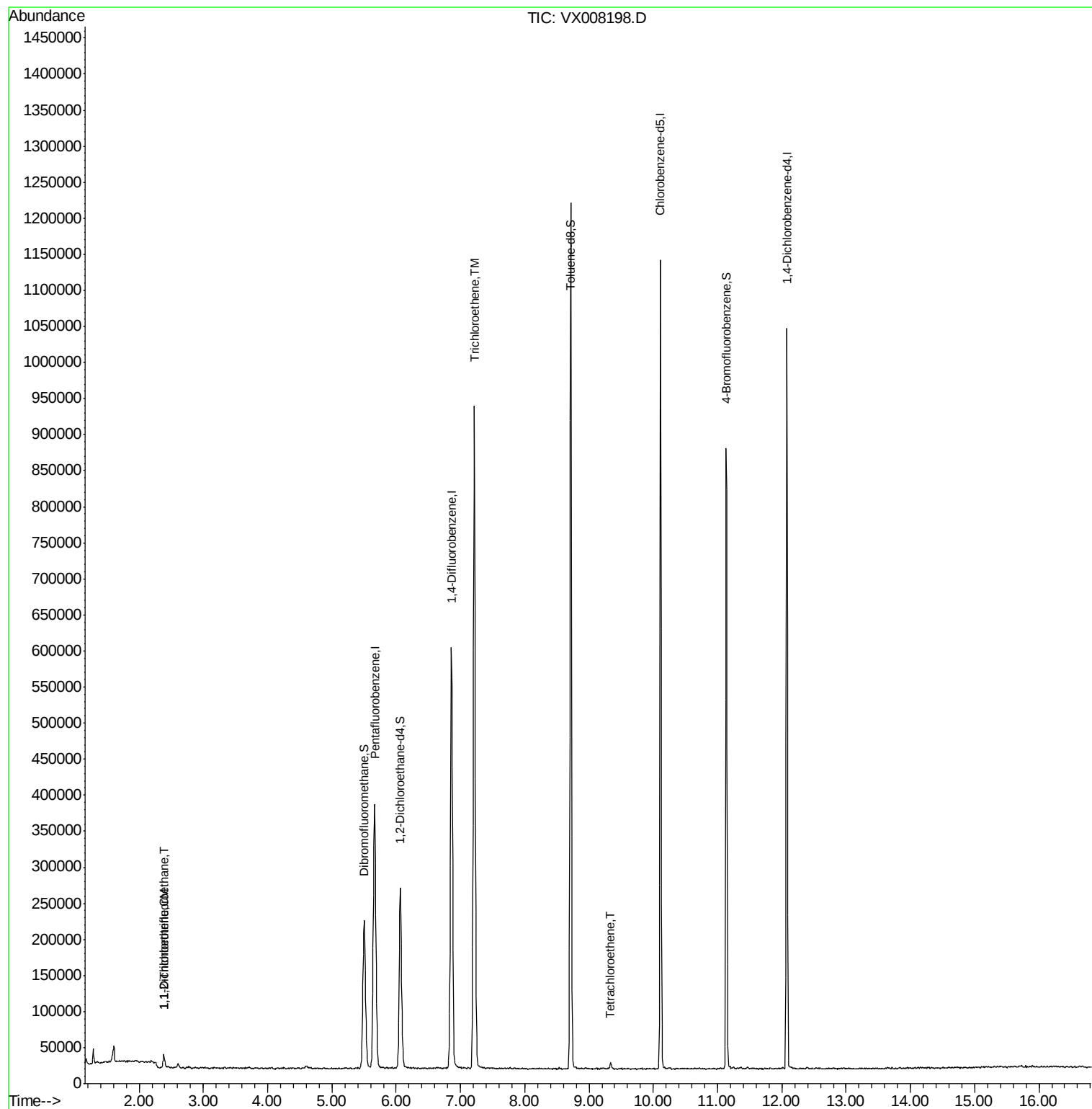
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	346046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	556774	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	478304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196814	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	239750	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.00%	
35) Dibromofluoromethane	5.50	113	175422	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
50) Toluene-d8	8.71	98	694659	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
62) 4-Bromofluorobenzene	11.13	95	225333	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	5307	1.19	ug/l	89
12) 1,1-Dichloroethene	2.38	96	2716	0.65	ug/l	87
44) Trichloroethene	7.21	130	334517	71.31	ug/l	90
64) Tetrachloroethene	9.33	164	1361	0.32	ug/l	90

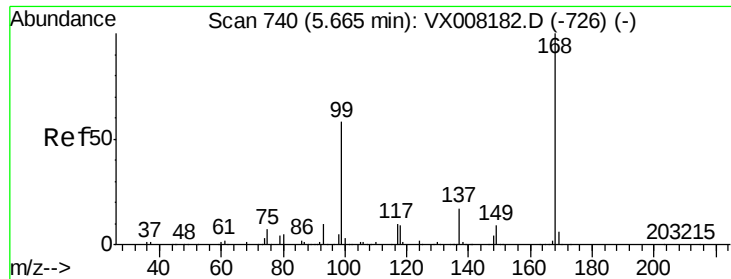
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 20 06:51:58 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008198.D

Acq: 19 Mar 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

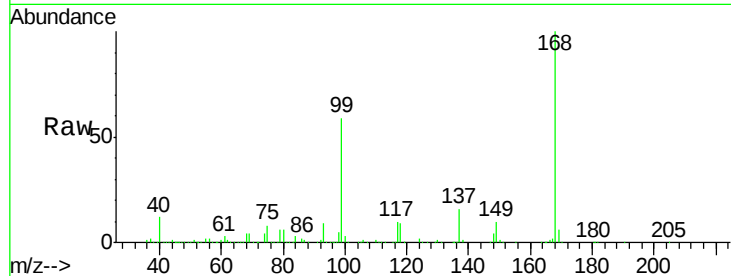
RE120D1-20190311DL

Tot Ion:168 Resp: 346046

Ion Ratio Lower Upper

168 100

99 59.3 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

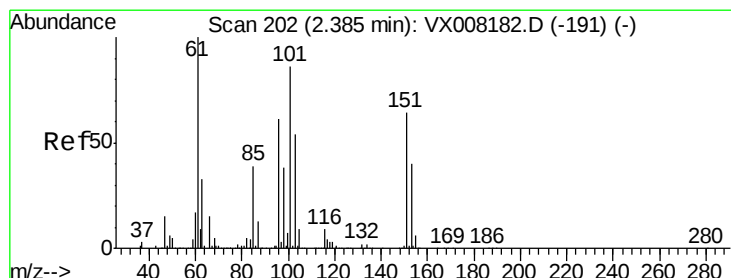
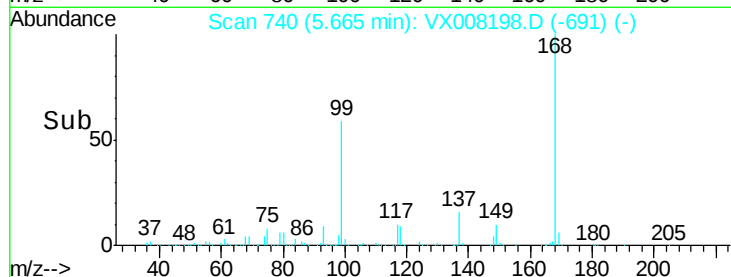
5.66

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.19 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX008198.D

Acq: 19 Mar 2019 18:30

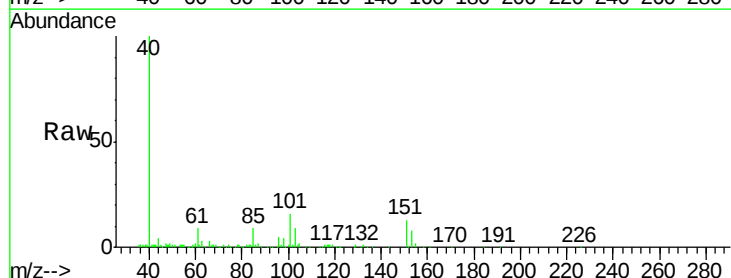
Tgt Ion:101 Resp: 5307

Ion Ratio Lower Upper

101 100

85 47.4 33.8 50.6

151 74.9 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

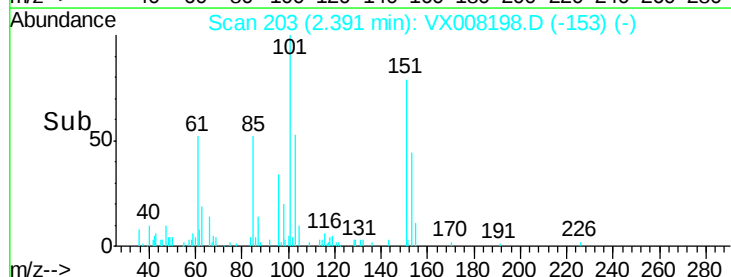
3000

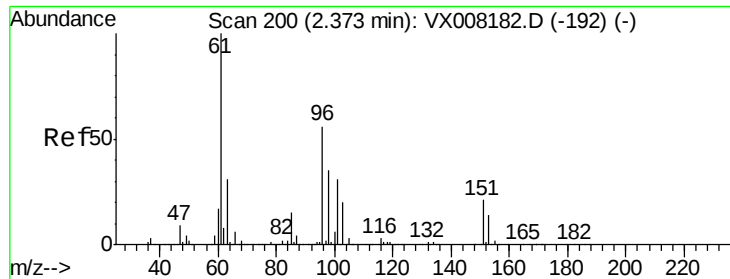
2000

1000

0

Time--> 2.30 2.35 2.40 2.45 2.50





#12

1,1-Dichloroethene

Concen: 0.65 ug/l

RT: 2.38 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008198.D

Acq: 19 Mar 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20190311DL

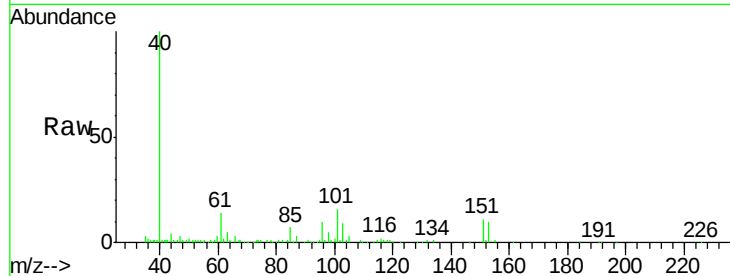
Tot Ion: 96 Resp: 2716

Ion Ratio Lower Upper

96 100

61 143.9 129.8 194.6

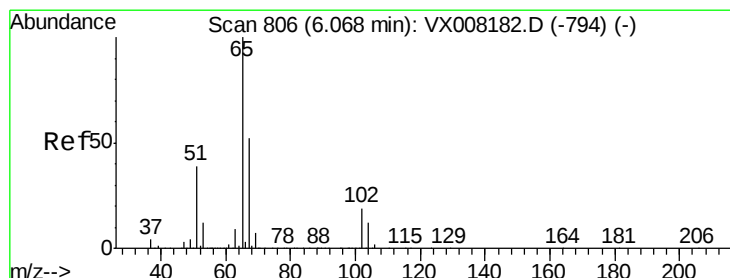
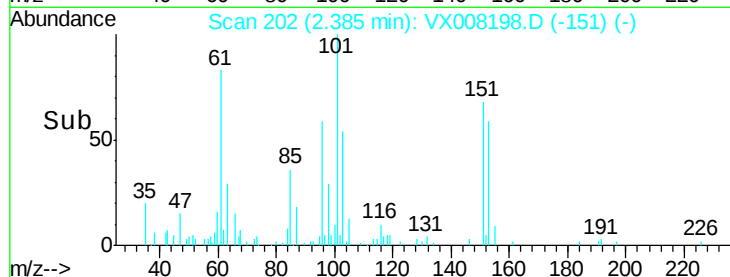
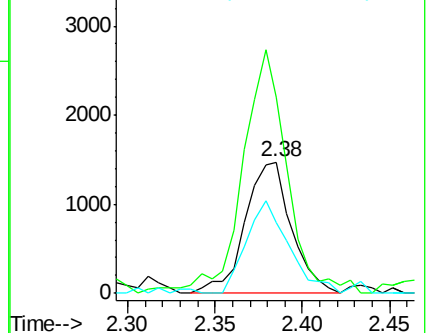
98 53.9 51.0 76.6



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



#33

1,2-Dichloroethane-d4

Concen: 46.00 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008198.D

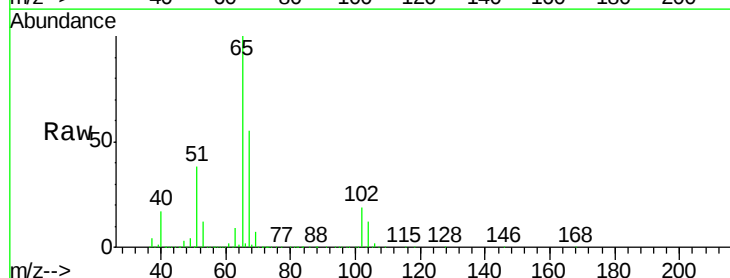
Acq: 19 Mar 2019 18:30

Tgt Ion: 65 Resp: 239750

Ion Ratio Lower Upper

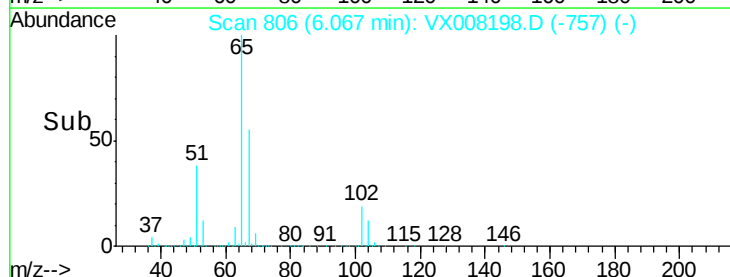
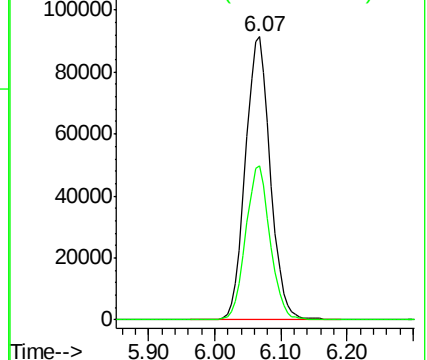
65 100

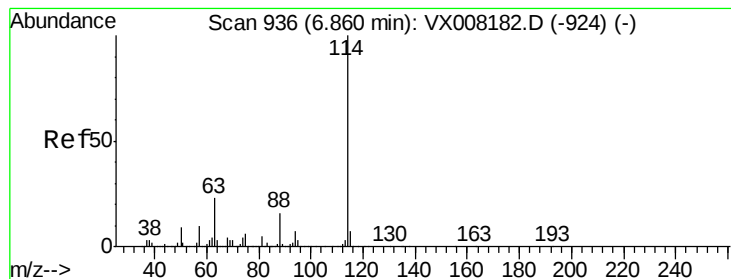
67 53.2 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008198.D

Acq: 19 Mar 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20190311DL

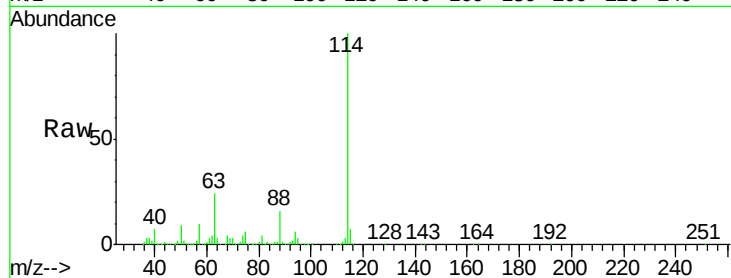
Tot Ion:114 Resp: 556774

Ion Ratio Lower Upper

114 100

63 23.6 0.0 39.8

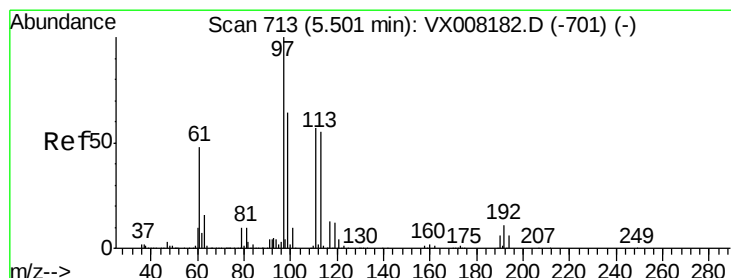
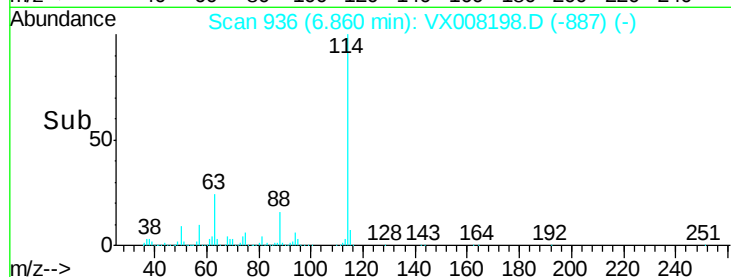
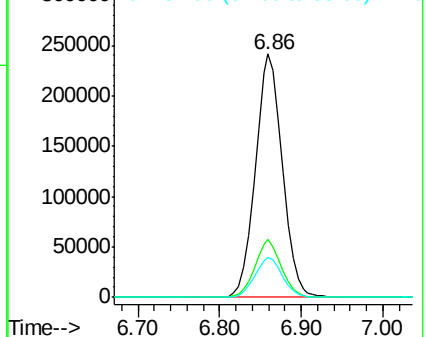
88 16.3 0.0 31.4



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: 47.06 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008198.D

Acq: 19 Mar 2019 18:30

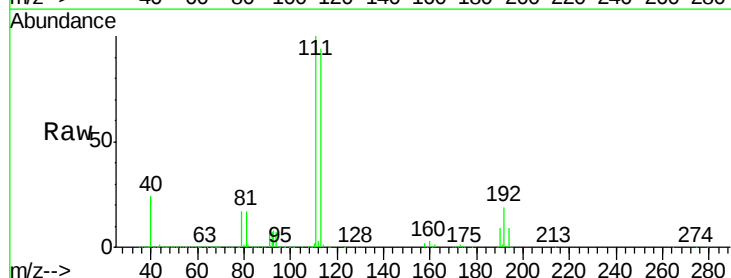
Tgt Ion:113 Resp: 175422

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

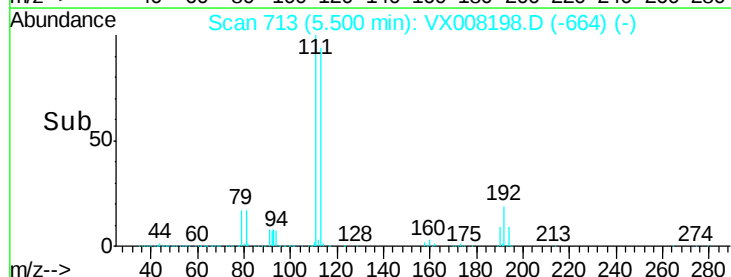
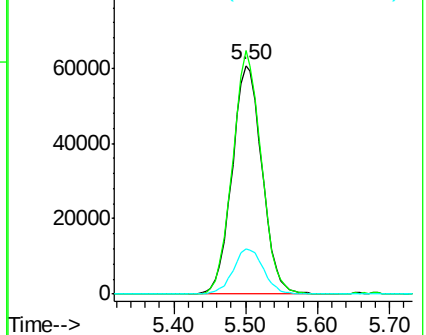
192 20.1 19.4 29.0

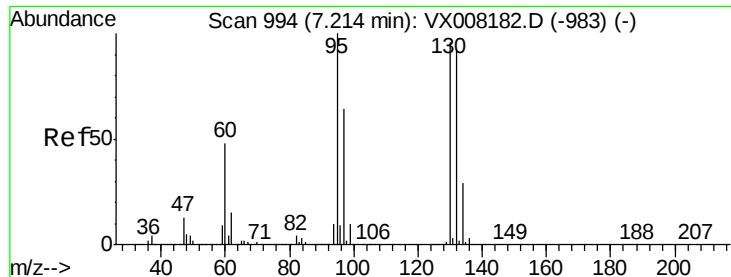


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 71.31 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008198.D

Acq: 19 Mar 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

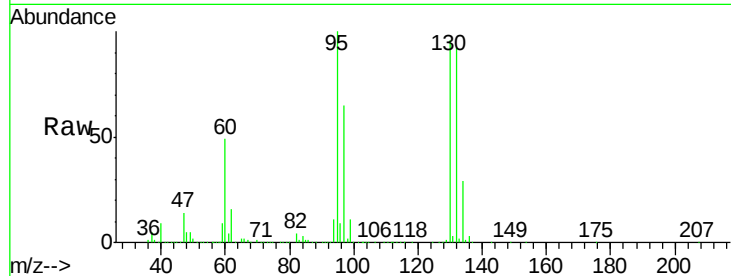
RE120D1-20190311DL

Tot Ion:130 Resp: 334517

Ion Ratio Lower Upper

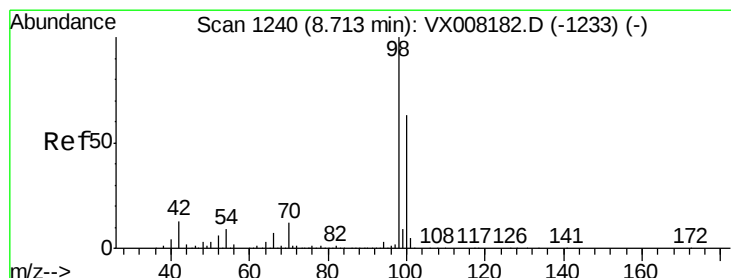
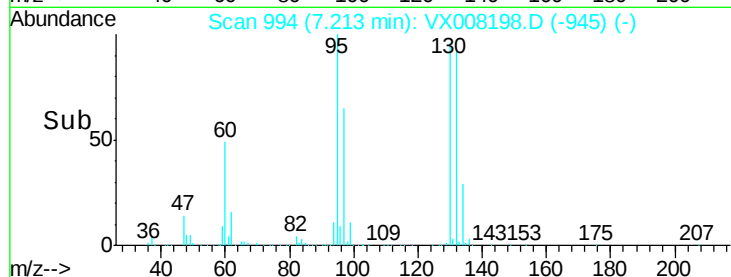
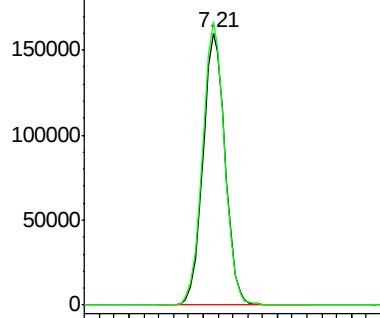
130 100

95 104.0 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: 49.16 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008198.D

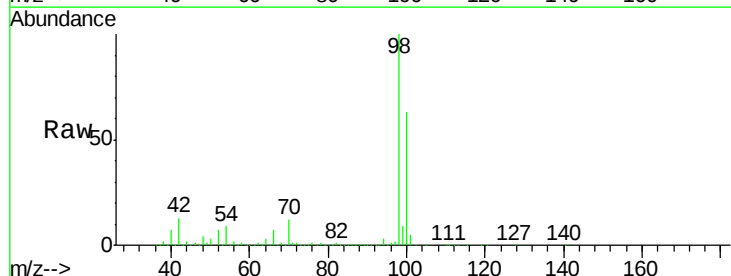
Acq: 19 Mar 2019 18:30

Tgt Ion: 98 Resp: 694659

Ion Ratio Lower Upper

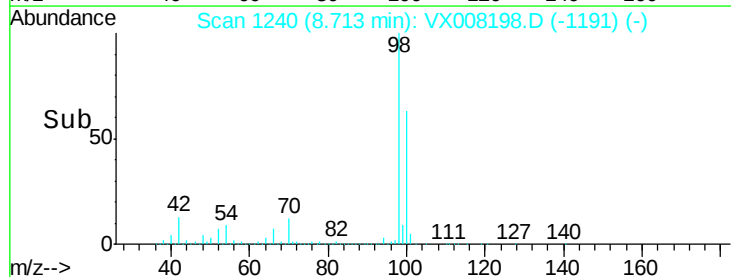
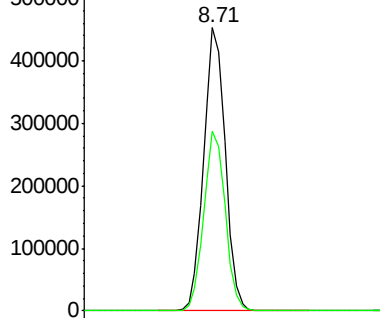
98 100

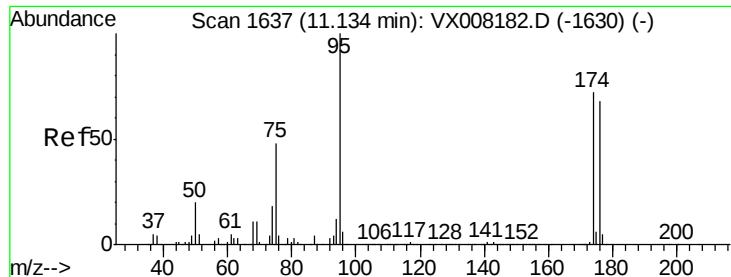
100 63.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.31 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008198.D

Acq: 19 Mar 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20190311DL

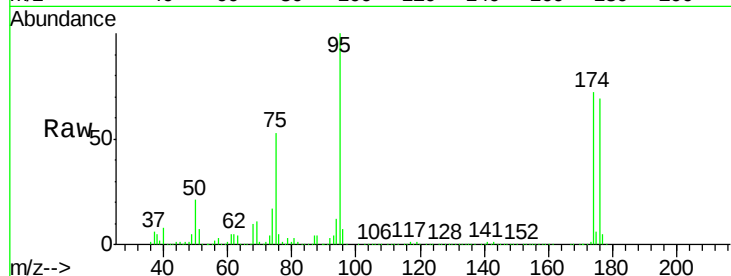
Tot Ion: 95 Resp: 225333

Ion Ratio Lower Upper

95 100

174 78.2 0.0 182.8

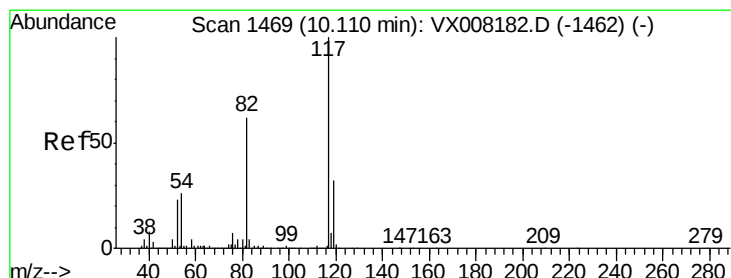
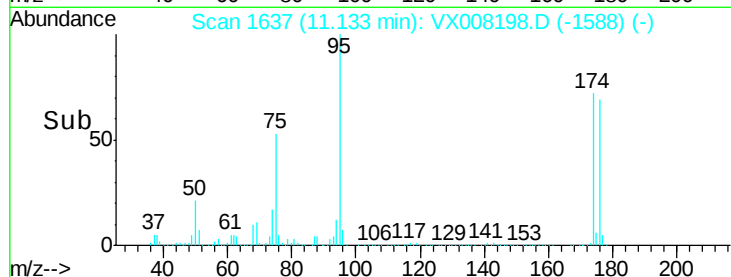
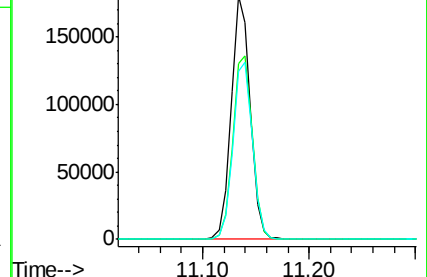
176 75.3 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX008182.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008182.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008182.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008198.D

Acq: 19 Mar 2019 18:30

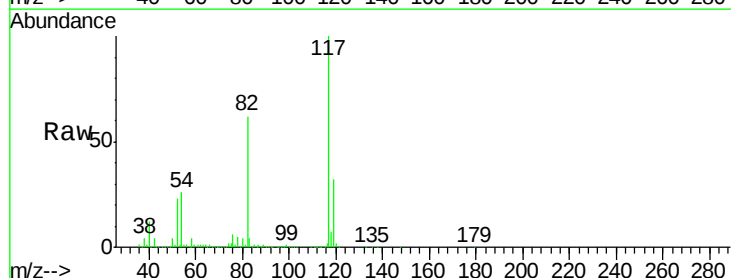
Tgt Ion: 117 Resp: 478304

Ion Ratio Lower Upper

117 100

82 62.4 44.3 66.5

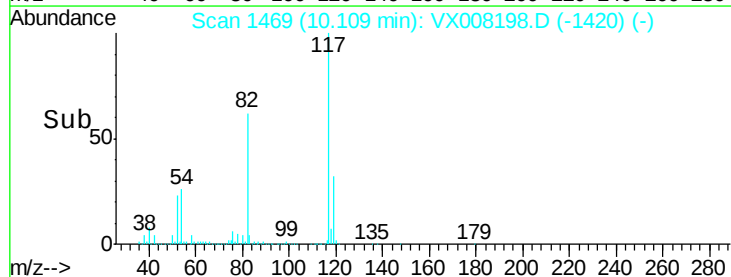
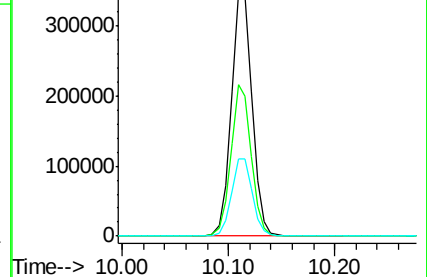
119 31.8 25.3 37.9

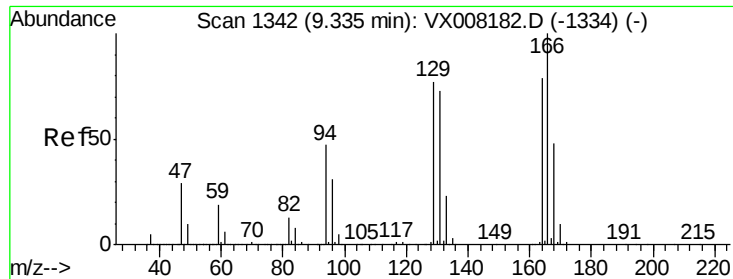


Abundance Ion 116.90 (116.60 to 117.60): VX008182.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008182.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008182.D (-1462) (-)

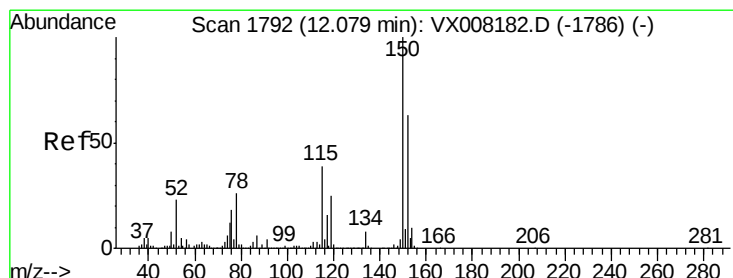
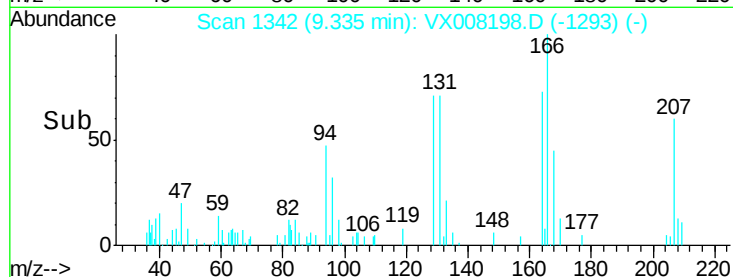
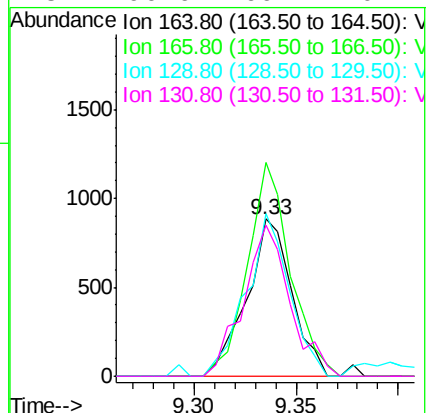
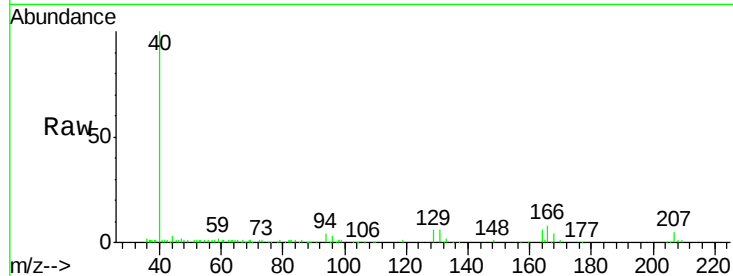




#64
Tetrachloroethene
Concen: 0.32 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008198.D
Acq: 19 Mar 2019 18:30

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20190311DL

Tot Ion:164 Resp: 1361
Ion Ratio Lower Upper
164 100
166 136.1 103.4 155.0
129 104.0 72.2 108.4
131 96.6 69.4 104.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008198.D
Acq: 19 Mar 2019 18:30

Tgt Ion:152 Resp: 196814
Ion Ratio Lower Upper
152 100
115 60.5 38.6 115.7
150 155.9 0.0 348.4

