

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010884.D
 Acq On : 15 Jul 2019 15:04
 Operator : JC/SP
 Sample : K3817-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW533-2126

Quant Time: Jul 16 03:25:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

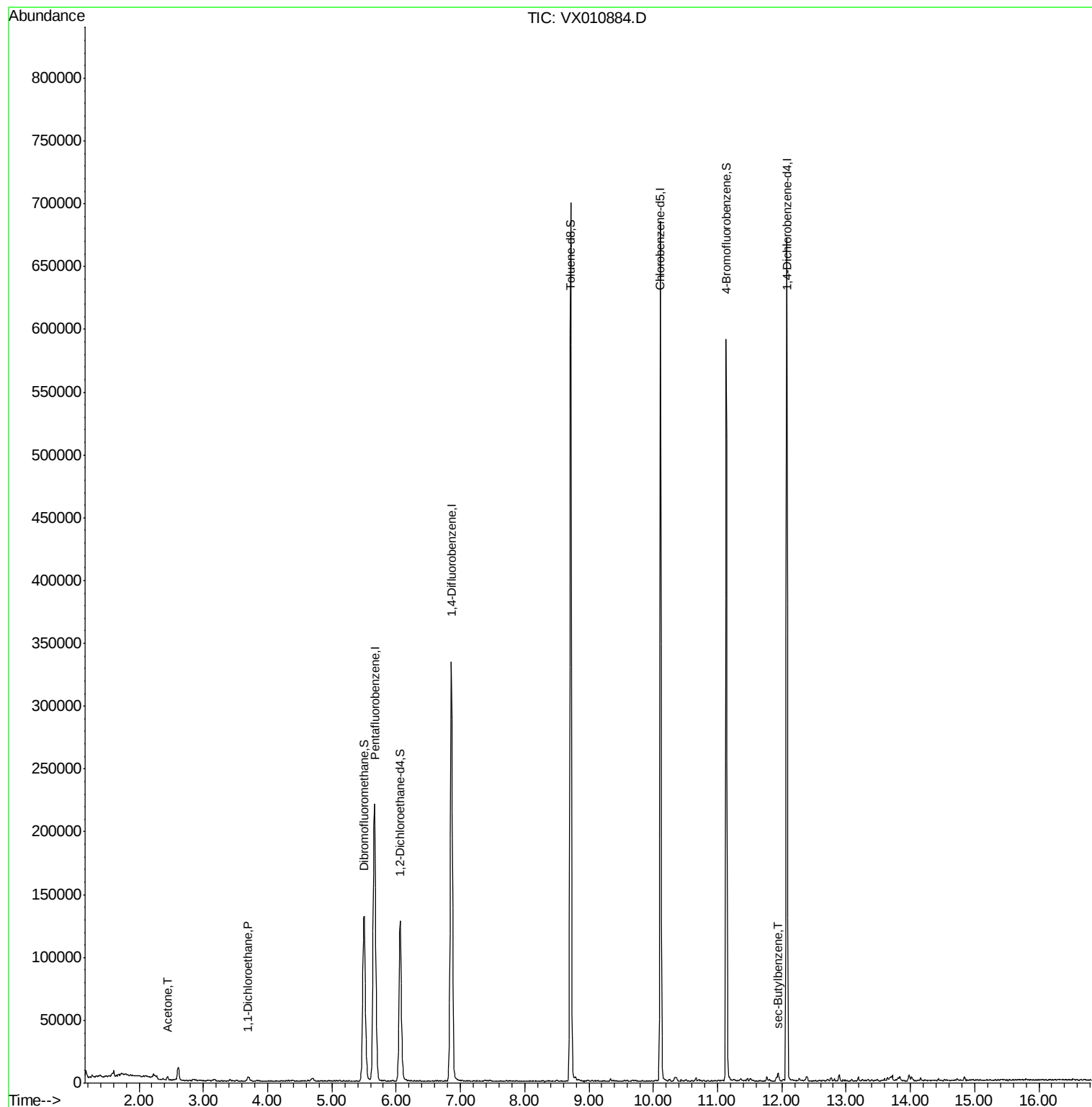
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	353567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	323928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146041	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119211	56.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.18%	
35) Dibromofluoromethane	5.49	113	111634	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
50) Toluene-d8	8.71	98	423592	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	11.13	95	146179	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
Target Compounds						
16) Acetone	2.44	43	3197	3.002	ug/l	94
24) 1,1-Dichloroethane	3.70	63	3447	1.023	ug/l	93
85) sec-Butylbenzene	11.94	105	3473	0.361	ug/l #	76

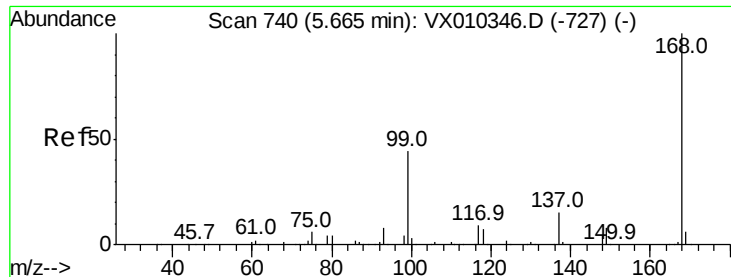
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010884.D

Acq: 15 Jul 2019 15:04

Instrument :

MSVOA_X

ClientSampleId :

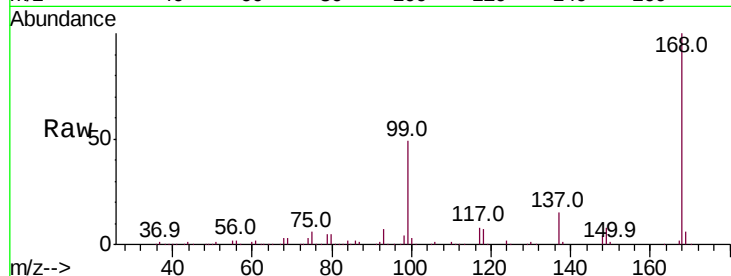
SA-TW533-2126

Tot Ion:168 Resp: 226674

Ion Ratio Lower Upper

168 100

99 48.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): VX010346.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX010346.D (-727) (-)

5.67

80000

60000

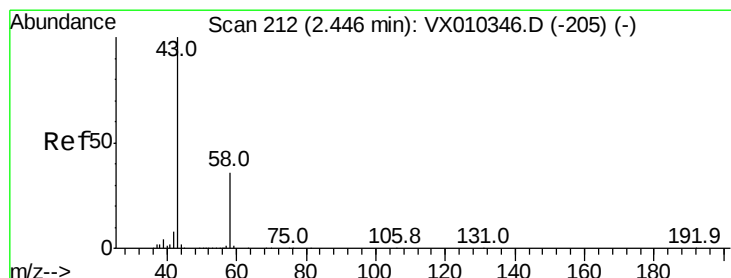
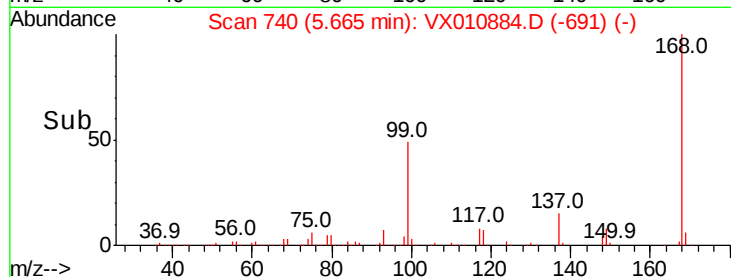
40000

20000

0

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 3.002 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010884.D

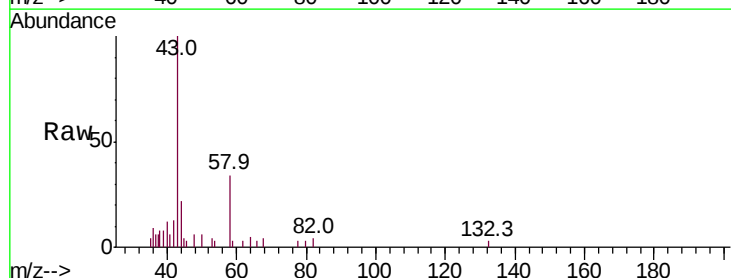
Acq: 15 Jul 2019 15:04

Tgt Ion: 43 Resp: 3197

Ion Ratio Lower Upper

43 100

58 32.6 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX010346.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX010346.D (-205) (-)

2.44

2000

1500

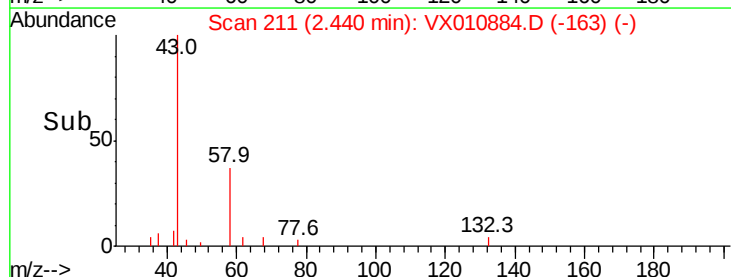
1000

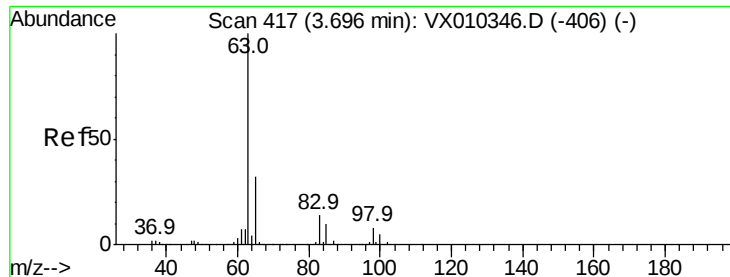
500

0

2.40 2.45 2.50

Time-->





#24

1,1-Dichloroethane

Concen: 1.023 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010884.D

Acq: 15 Jul 2019 15:04

Instrument :

MSVOA_X

ClientSampleId :

SA-TW533-2126

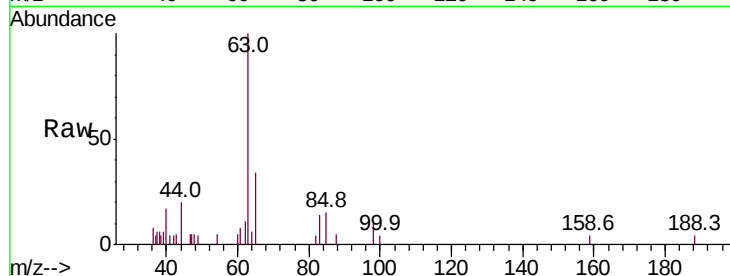
Tot Ion: 63 Resp: 3447

Ion Ratio Lower Upper

63 100

98 11.3 3.9 11.7

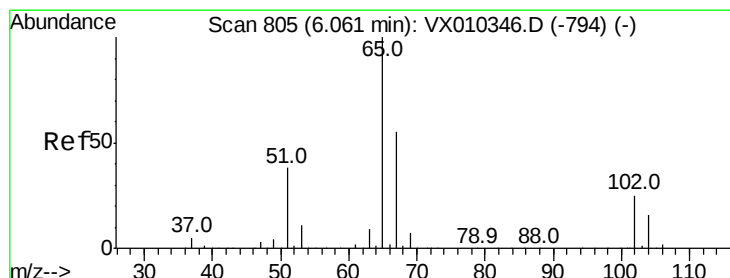
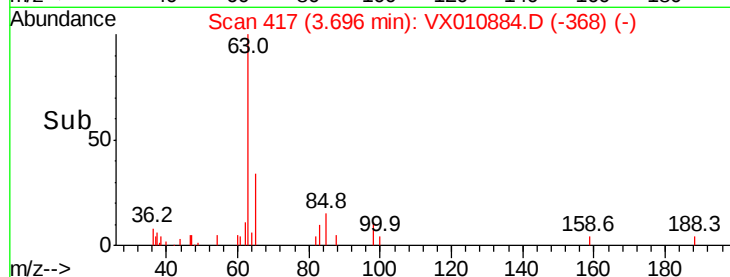
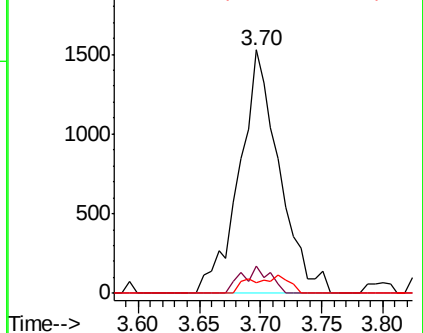
100 4.1 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 56.092 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010884.D

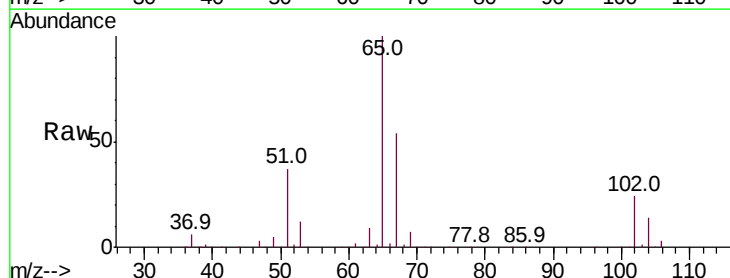
Acq: 15 Jul 2019 15:04

Tgt Ion: 65 Resp: 119211

Ion Ratio Lower Upper

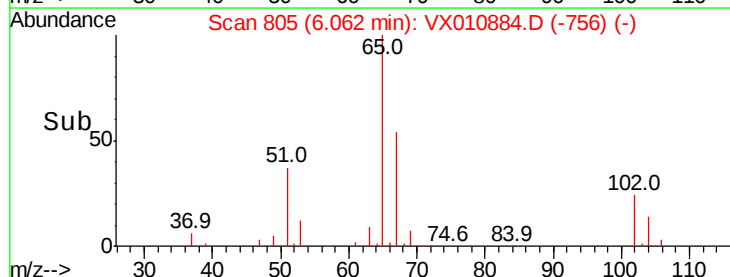
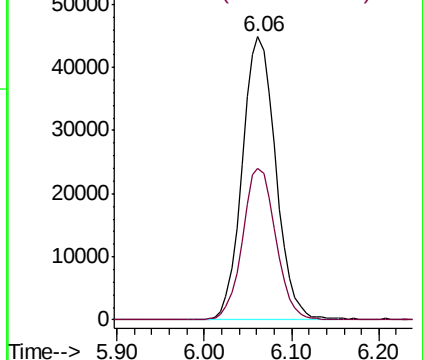
65 100

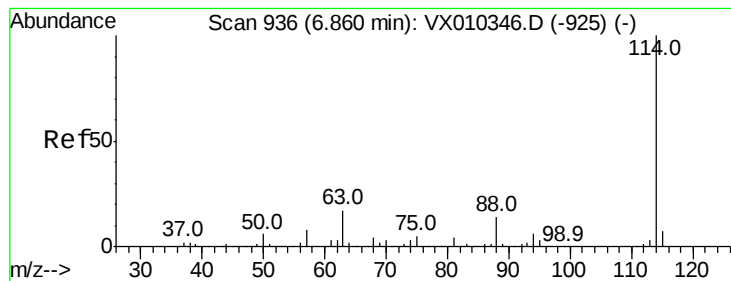
67 53.5 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010884.D

Acq: 15 Jul 2019 15:04

Instrument :

MSVOA_X

ClientSampleId :

SA-TW533-2126

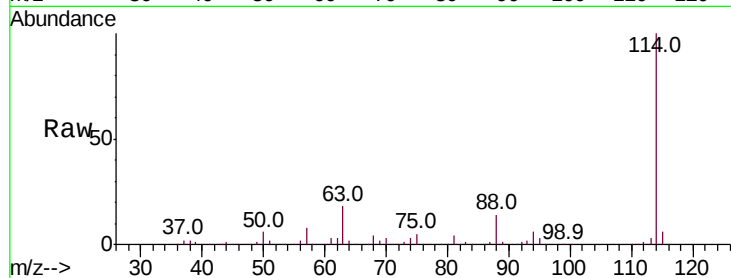
Tot Ion:114 Resp: 353567

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.8

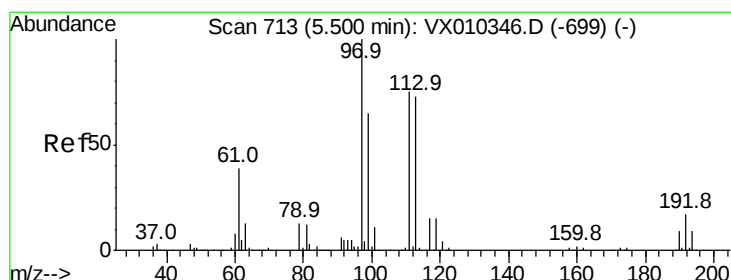
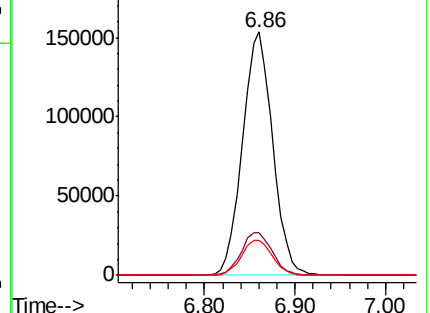
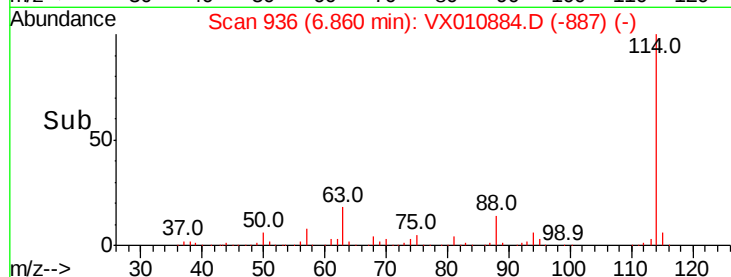
88 14.4 0.0 27.6



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: 51.605 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010884.D

Acq: 15 Jul 2019 15:04

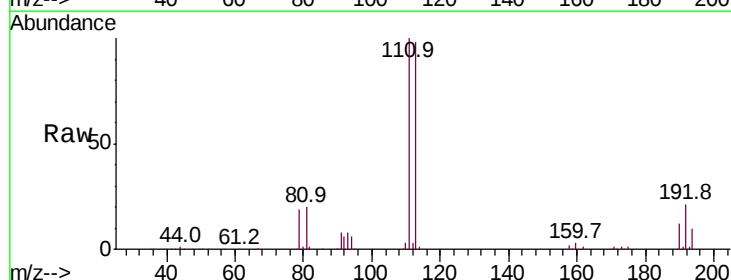
Tgt Ion:113 Resp: 111634

Ion Ratio Lower Upper

113 100

111 102.1 81.2 121.8

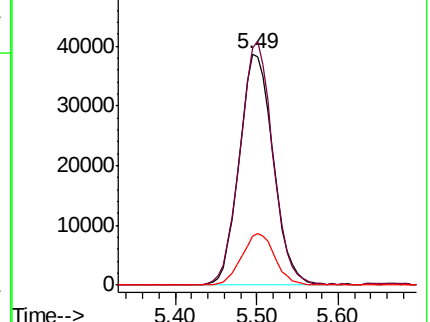
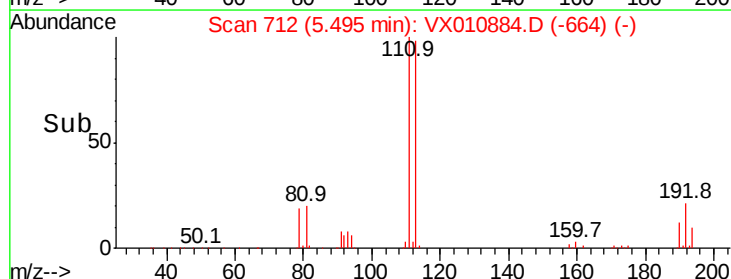
192 21.9 18.6 27.8

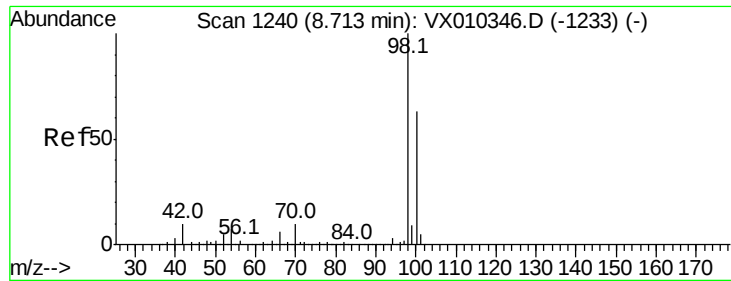


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

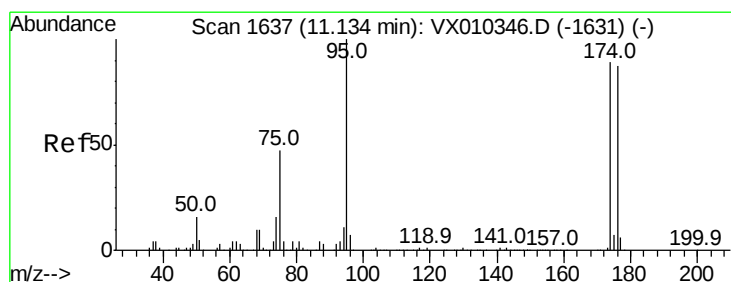
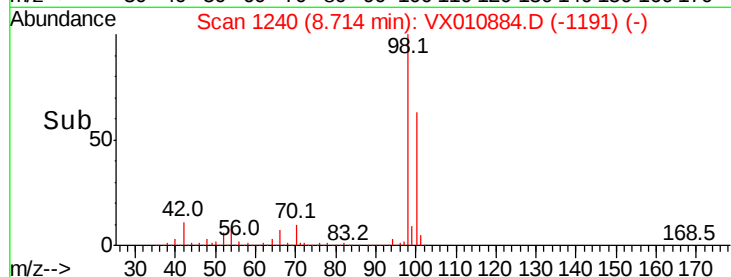
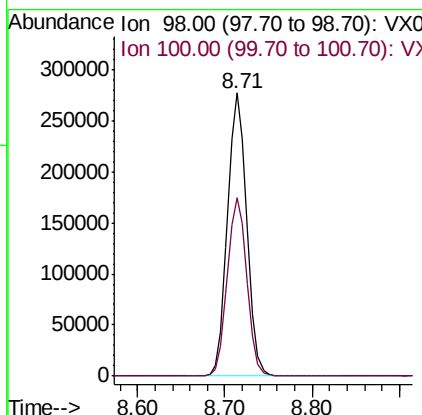
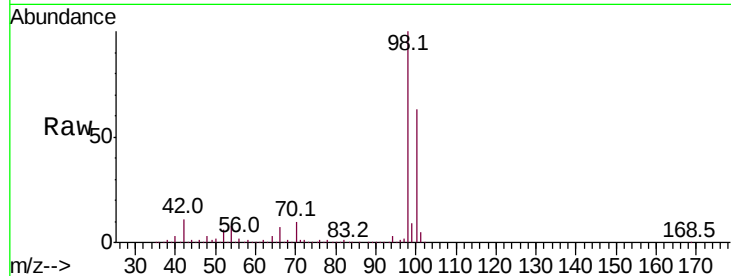




#50
Toluene-d8
Concen: 51.182 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010884.D
Acq: 15 Jul 2019 15:04

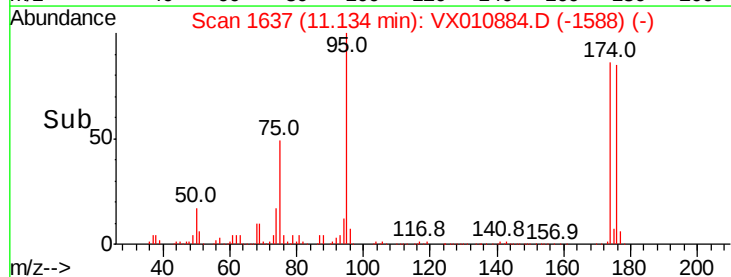
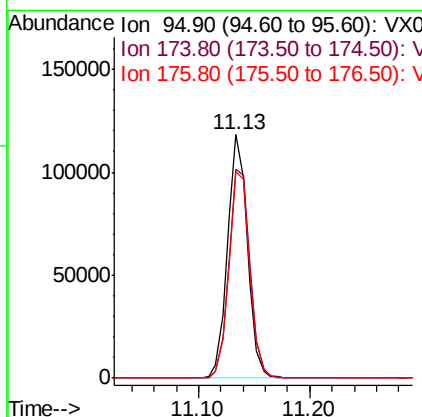
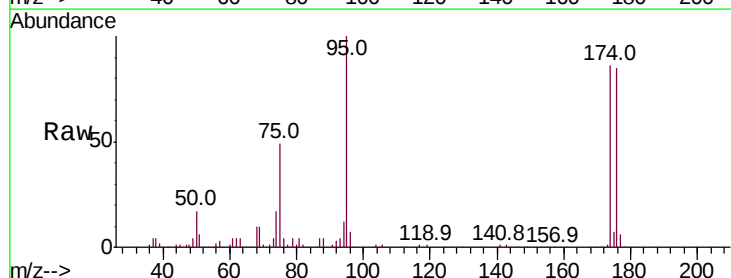
Instrument :
MSVOA_X
ClientSampleId :
SA-TW533-2126

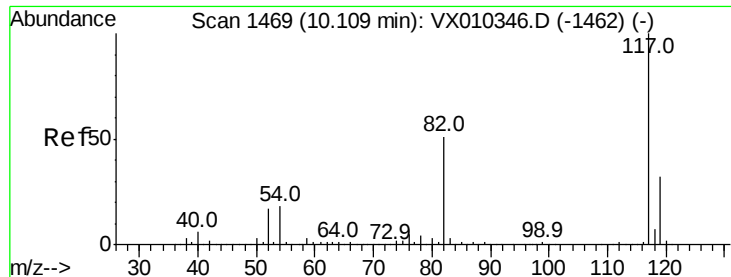
Tot Ion: 98 Resp: 423592
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 48.923 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010884.D
Acq: 15 Jul 2019 15:04

Tgt Ion: 95 Resp: 146179
Ion Ratio Lower Upper
95 100
174 90.7 0.0 187.6
176 88.3 0.0 184.0

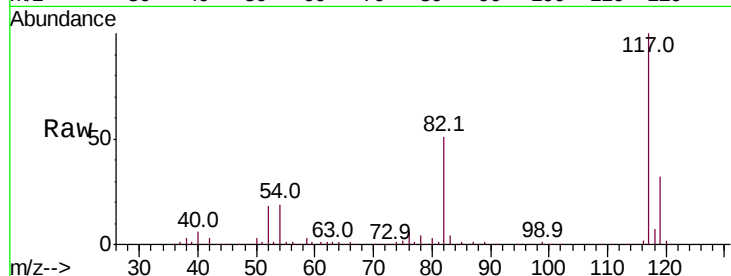




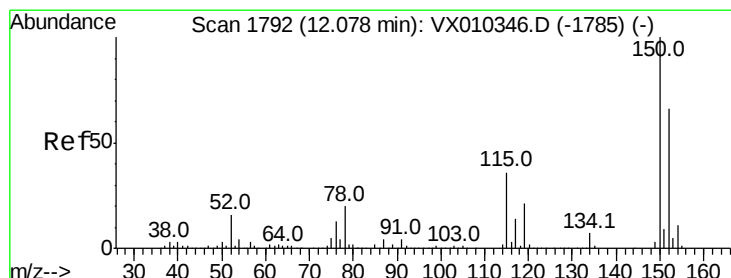
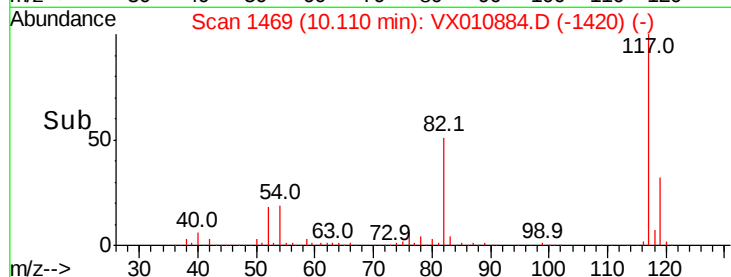
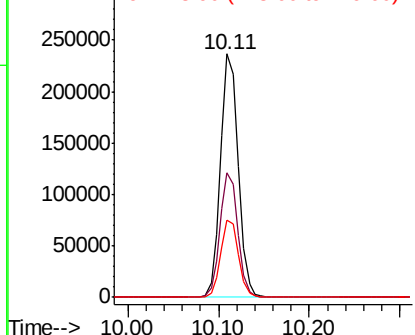
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010884.D
Acq: 15 Jul 2019 15:04

Instrument :
MSVOA_X
ClientSampleId :
SA-TW533-2126

Tot Ion:117 Resp: 323928
Ion Ratio Lower Upper
117 100
82 51.0 41.2 61.8
119 31.7 25.5 38.3

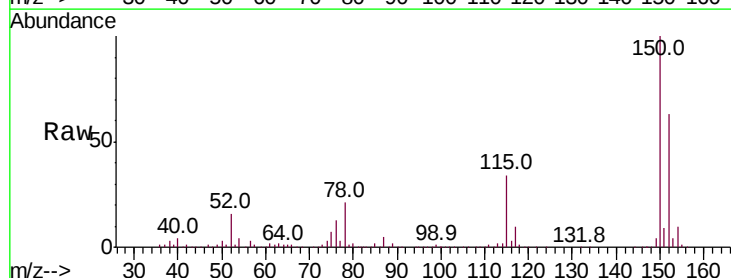


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

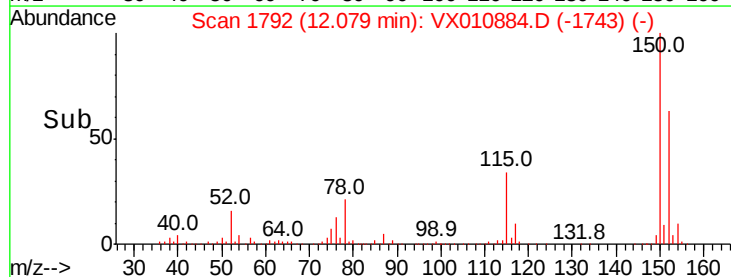
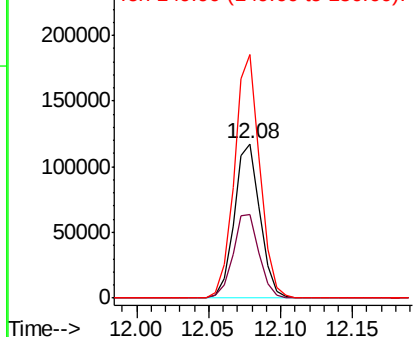


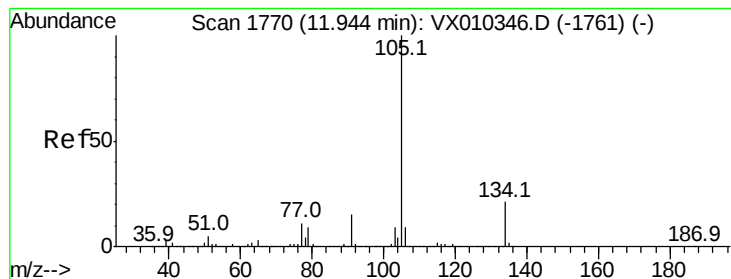
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010884.D
Acq: 15 Jul 2019 15:04

Tgt Ion:152 Resp: 146041
Ion Ratio Lower Upper
152 100
115 55.4 38.6 115.7
150 156.2 0.0 347.4



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





#85

sec-Butylbenzene

Concen: 0.361 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010884.D

Acq: 15 Jul 2019 15:04

Instrument :

MSVOA_X

ClientSampleId :

SA-TW533-2126

Tot Ion:105 Resp: 3473

Ion Ratio Lower Upper

105 100

134 32.8 10.7 31.9#

