

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010546.D
 Acq On : 28 Jun 2019 19:41
 Operator : JC/SP
 Sample : K3572-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DAY-5

Quant Time: Jun 29 06:29:11 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

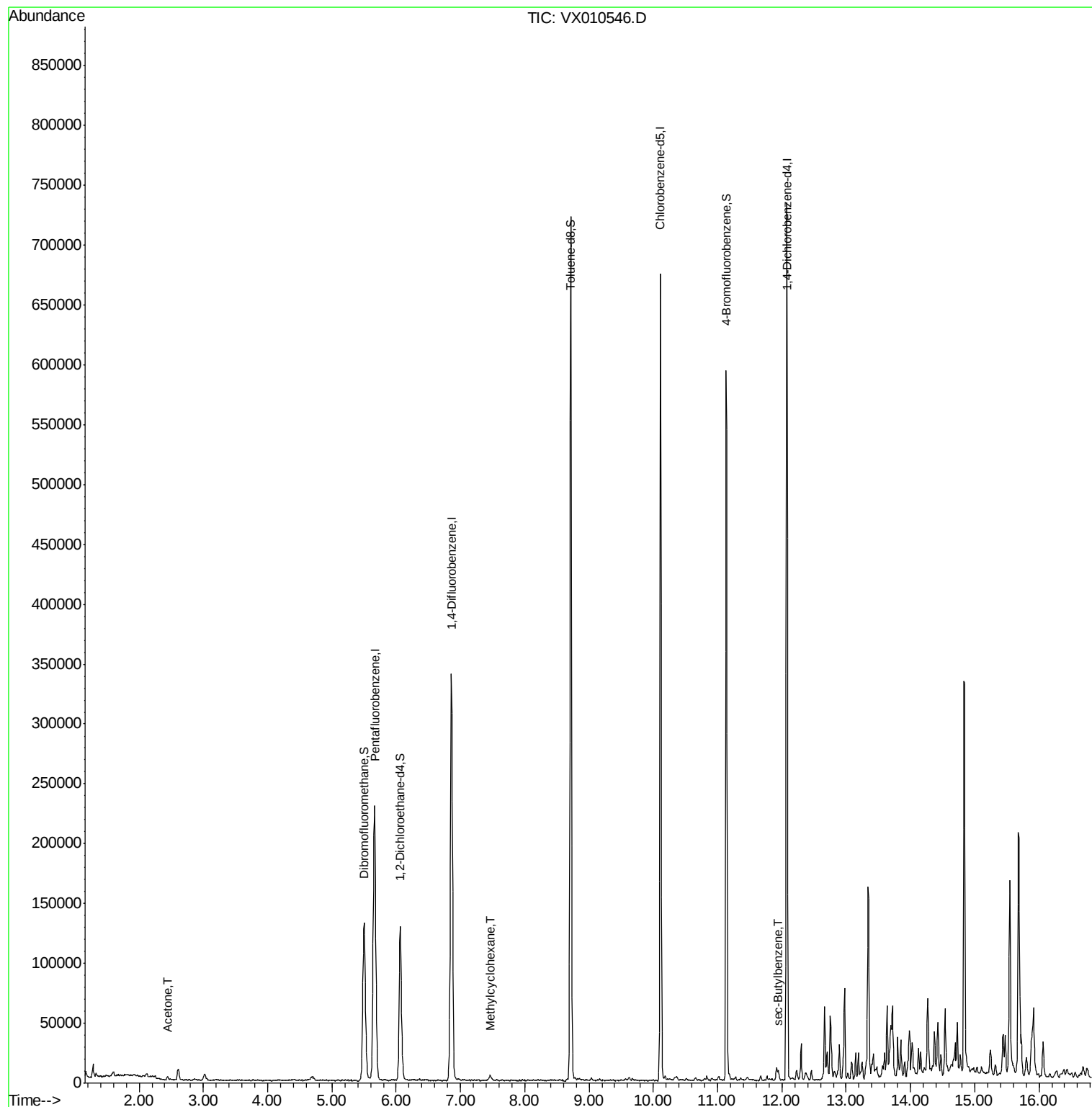
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	238532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	370085	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159733	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115130	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
35) Dibromofluoromethane	5.50	113	111545	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
50) Toluene-d8	8.71	98	437631	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.13	95	149191	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
Target Compounds						
16) Acetone	2.45	43	3335	2.975	ug/l	93
39) Methylcyclohexane	7.46	83	1918	0.496	ug/l	94
85) sec-Butylbenzene	11.94	105	3916	0.372	ug/l #	55

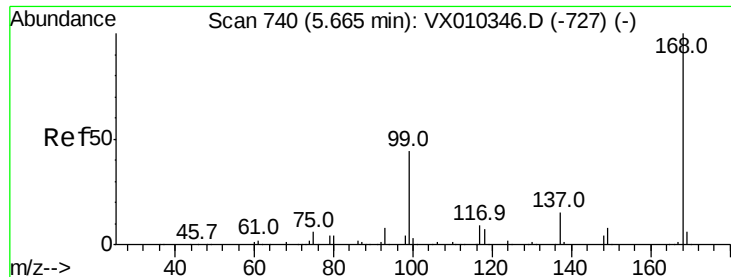
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010546.D

Acq: 28 Jun 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

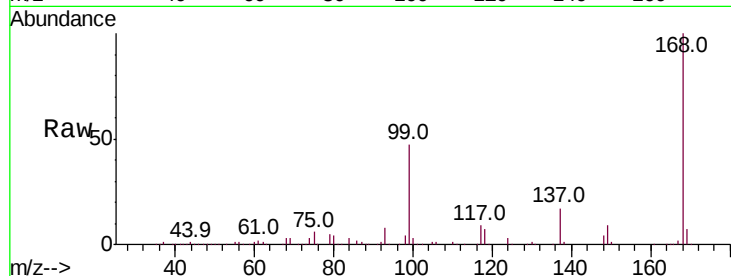
DAY-5

Tot Ion:168 Resp: 238532

Ion Ratio Lower Upper

168 100

99 46.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

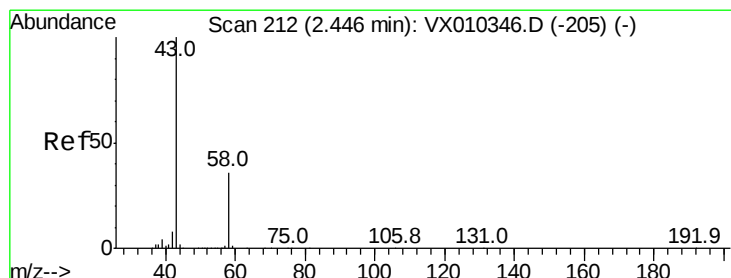
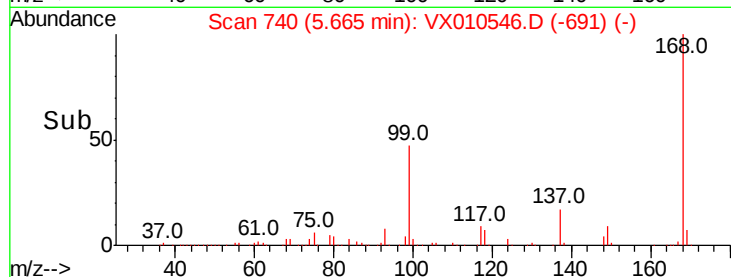
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.975 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010546.D

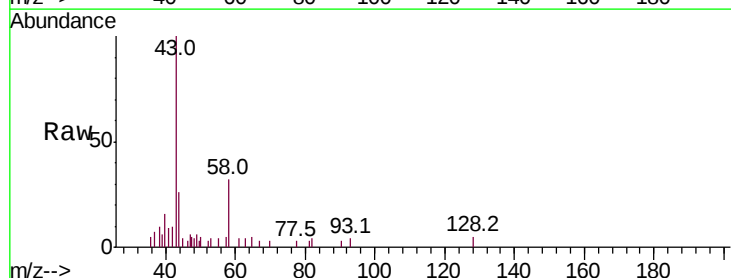
Acq: 28 Jun 2019 19:41

Tgt Ion: 43 Resp: 3335

Ion Ratio Lower Upper

43 100

58 31.8 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

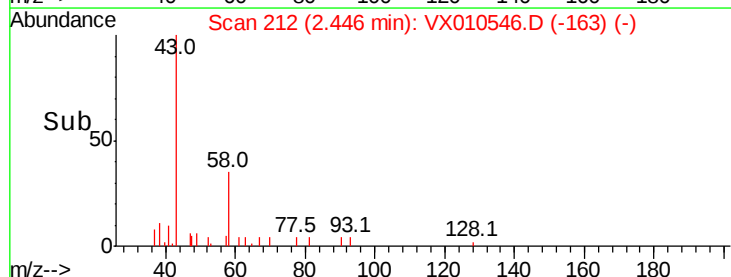
1500

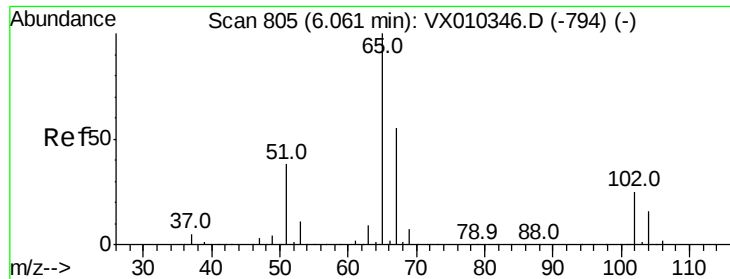
1000

500

0

Time--> 2.40 2.45 2.50 2.55





#33

1,2-Dichloroethane-d4

Concen: 51.478 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010546.D

Acq: 28 Jun 2019 19:41

Instrument :

MSVOA_X

ClientSampled :

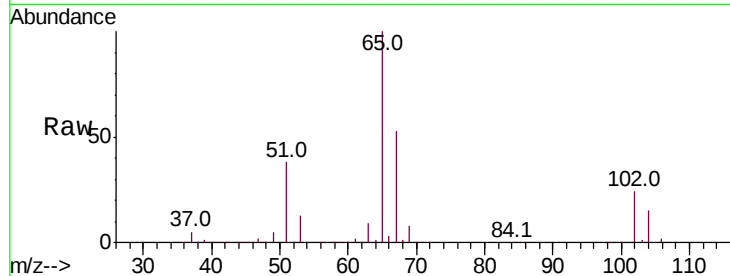
DAY-5

Tot Ion: 65 Resp: 115130

Ion Ratio Lower Upper

65 100

67 55.3 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

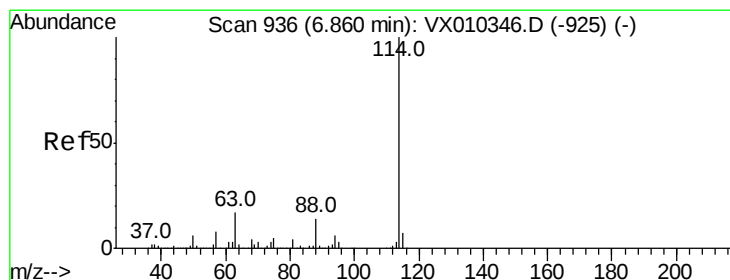
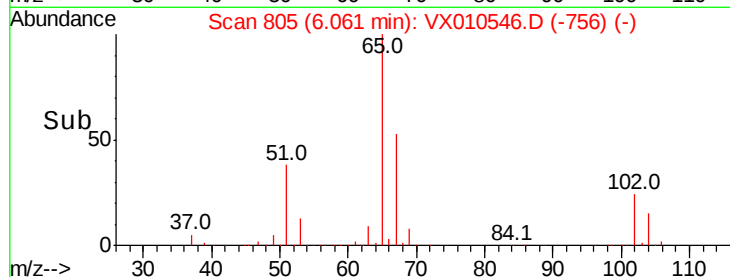
30000

20000

10000

0

Time--> 5.90 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: VX010546.D

Acq: 28 Jun 2019 19:41

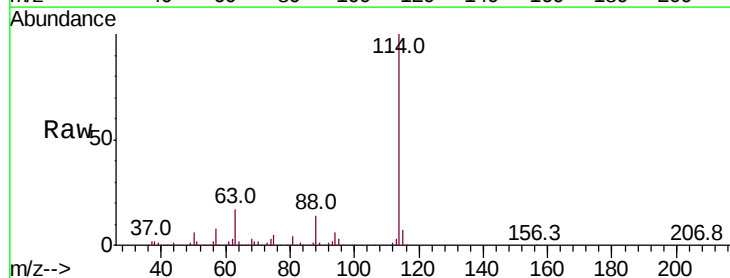
Tgt Ion:114 Resp: 370085

Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.8

88 14.2 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

200000

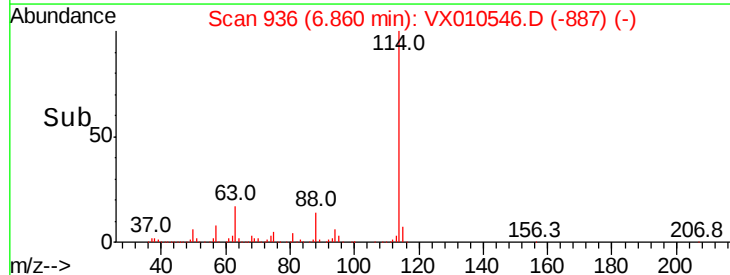
150000

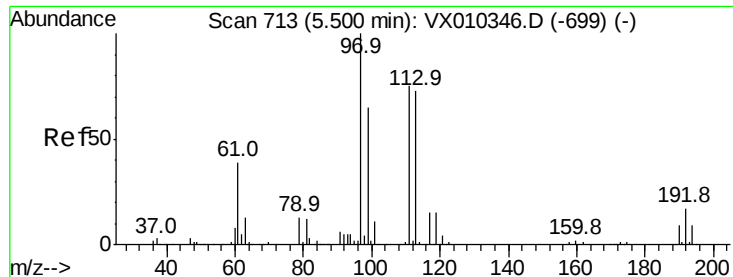
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

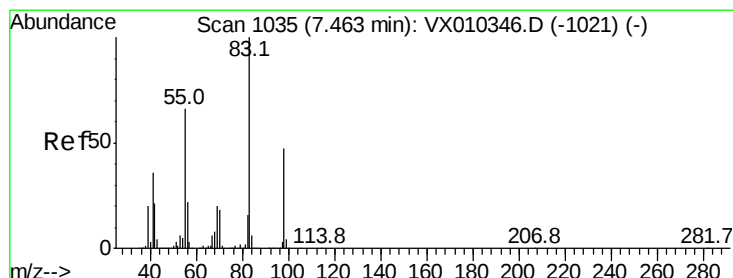
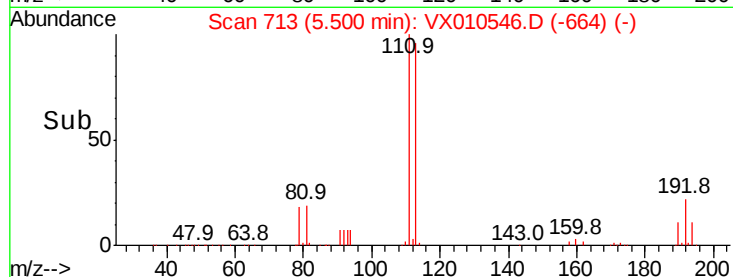
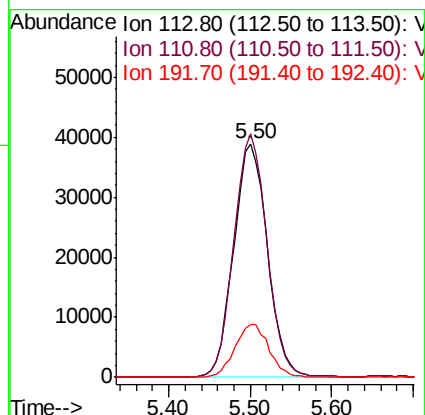
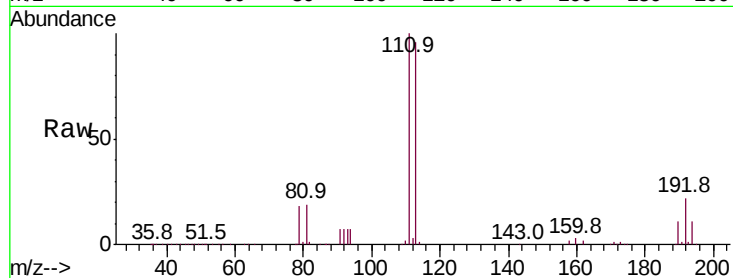




#35
 Dibromofluoromethane
 Concen: 49.262 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010546.D
 Acq: 28 Jun 2019 19:41

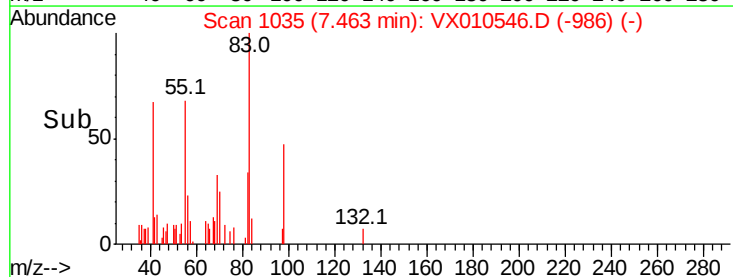
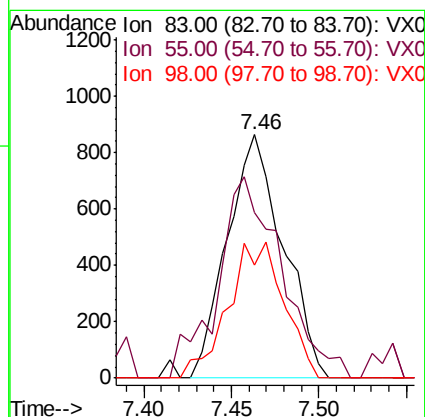
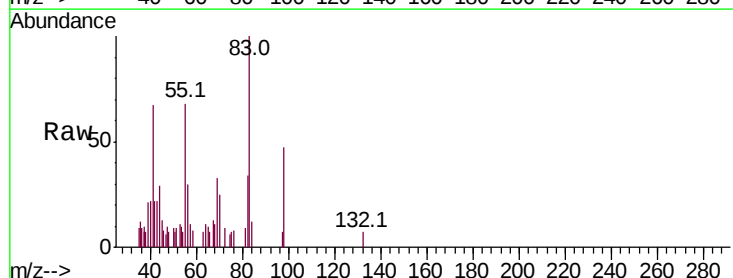
Instrument :
 MSVOA_X
 ClientSampled :
 DAY-5

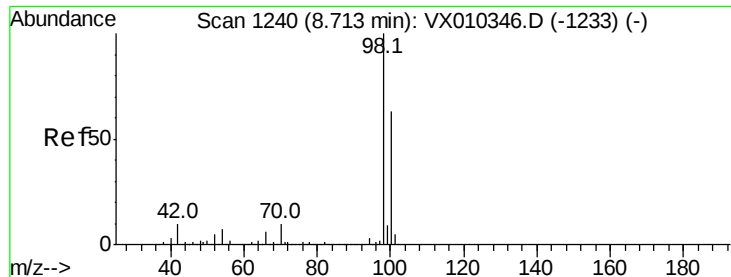
Tot Ion:113 Resp: 111545
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.2 121.8
 192 22.8 18.6 27.8



#39
 Methylcyclohexane
 Concen: 0.496 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX010546.D
 Acq: 28 Jun 2019 19:41

Tgt Ion: 83 Resp: 1918
 Ion Ratio Lower Upper
 83 100
 55 59.1 53.0 79.6
 98 46.6 37.8 56.8





#50

Toluene-d8

Concen: 50.518 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010546.D

Acq: 28 Jun 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

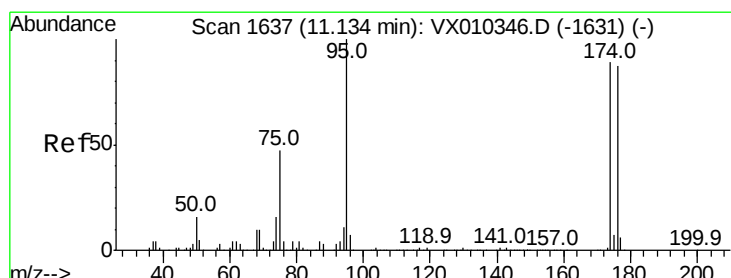
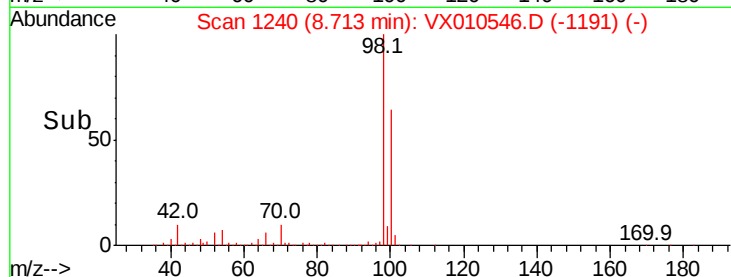
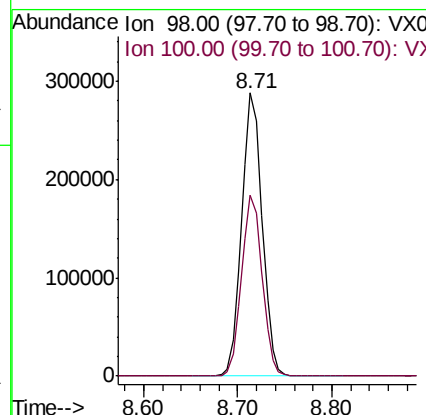
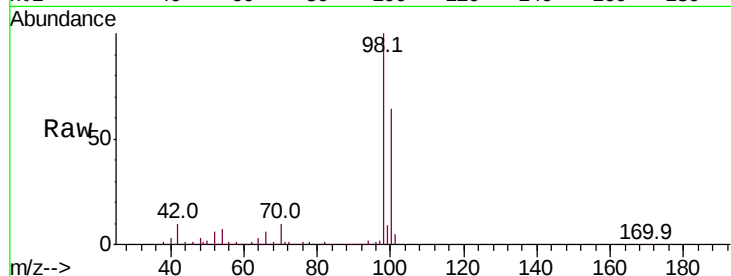
DAY-5

Tot Ion: 98 Resp: 437631

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 47.703 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010546.D

Acq: 28 Jun 2019 19:41

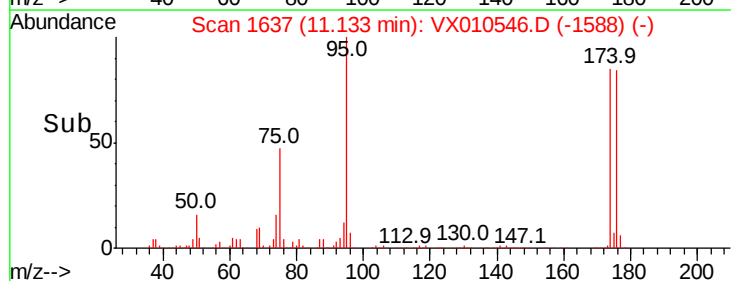
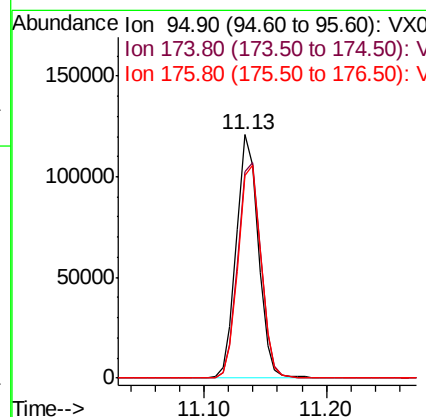
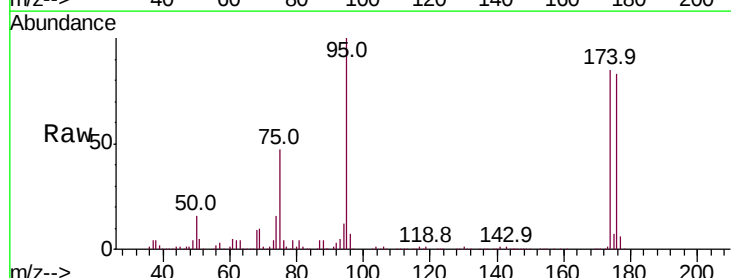
Tgt Ion: 95 Resp: 149191

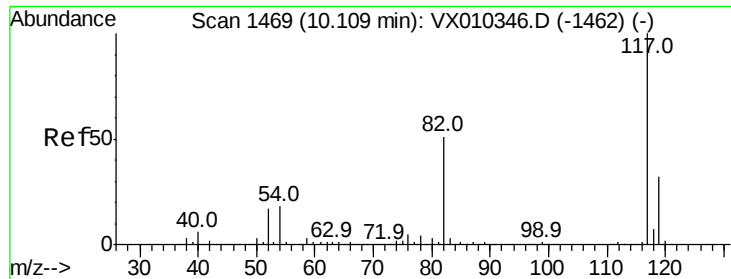
Ion Ratio Lower Upper

95 100

174 93.0 0.0 187.6

176 91.7 0.0 184.0

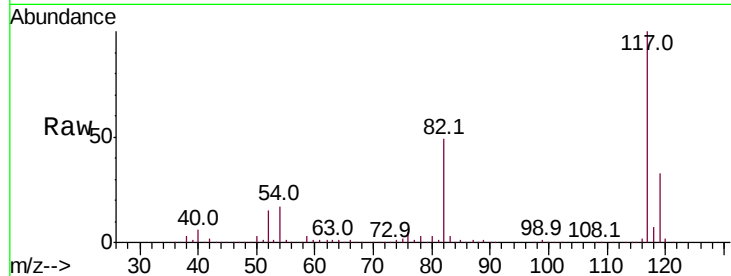




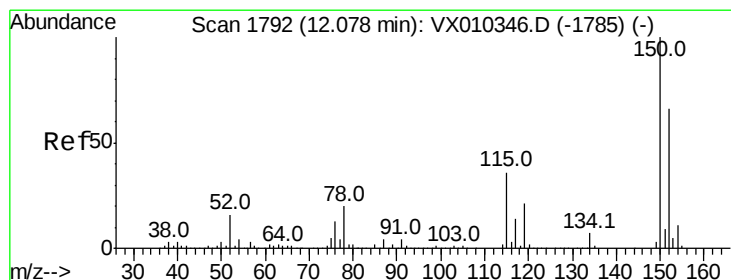
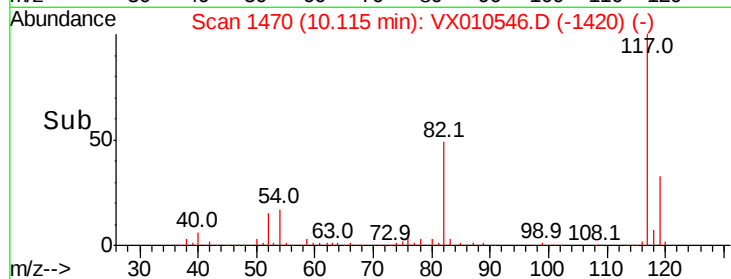
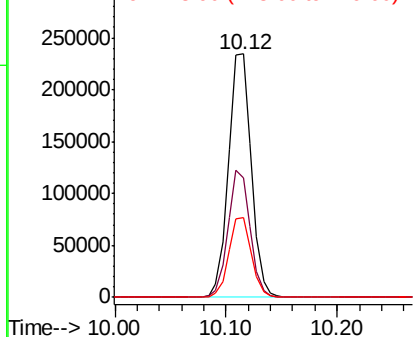
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX010546.D
Acq: 28 Jun 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :
DAY-5

Tot Ion:117 Resp: 332249
Ion Ratio Lower Upper
117 100
82 49.0 41.2 61.8
119 32.8 25.5 38.3

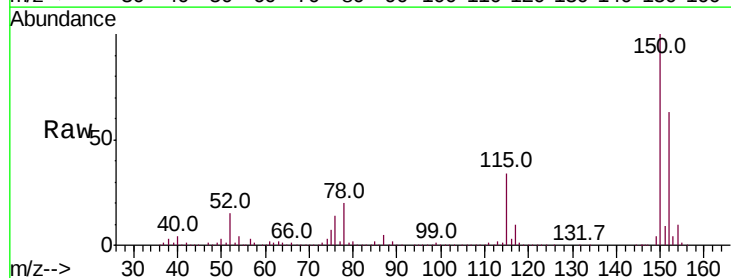


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

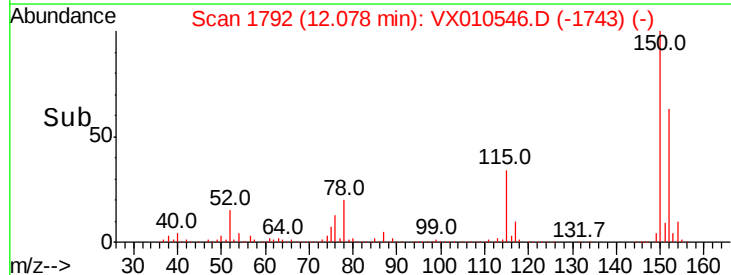
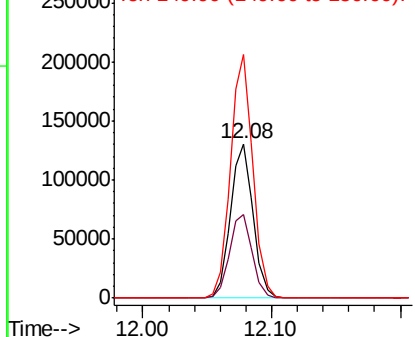


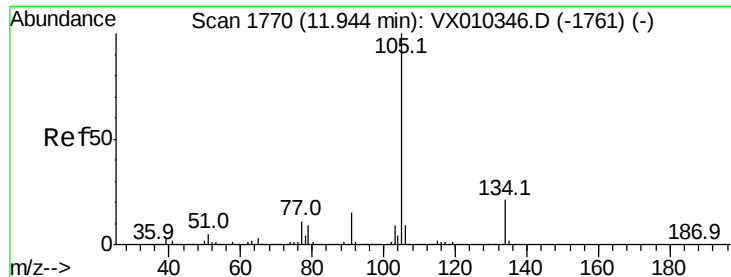
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010546.D
Acq: 28 Jun 2019 19:41

Tgt Ion:152 Resp: 159733
Ion Ratio Lower Upper
152 100
115 55.0 38.6 115.7
150 156.9 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: 0.372 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010546.D

Acq: 28 Jun 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

DAY-5

Tot Ion:105 Resp: 3916

Ion Ratio Lower Upper

105 100

134 0.0 10.7 31.9#

