

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010867.D
 Acq On : 13 Jul 2019 03:42
 Operator : JC/SP
 Sample : K3791-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600

Quant Time: Jul 15 09:10:05 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

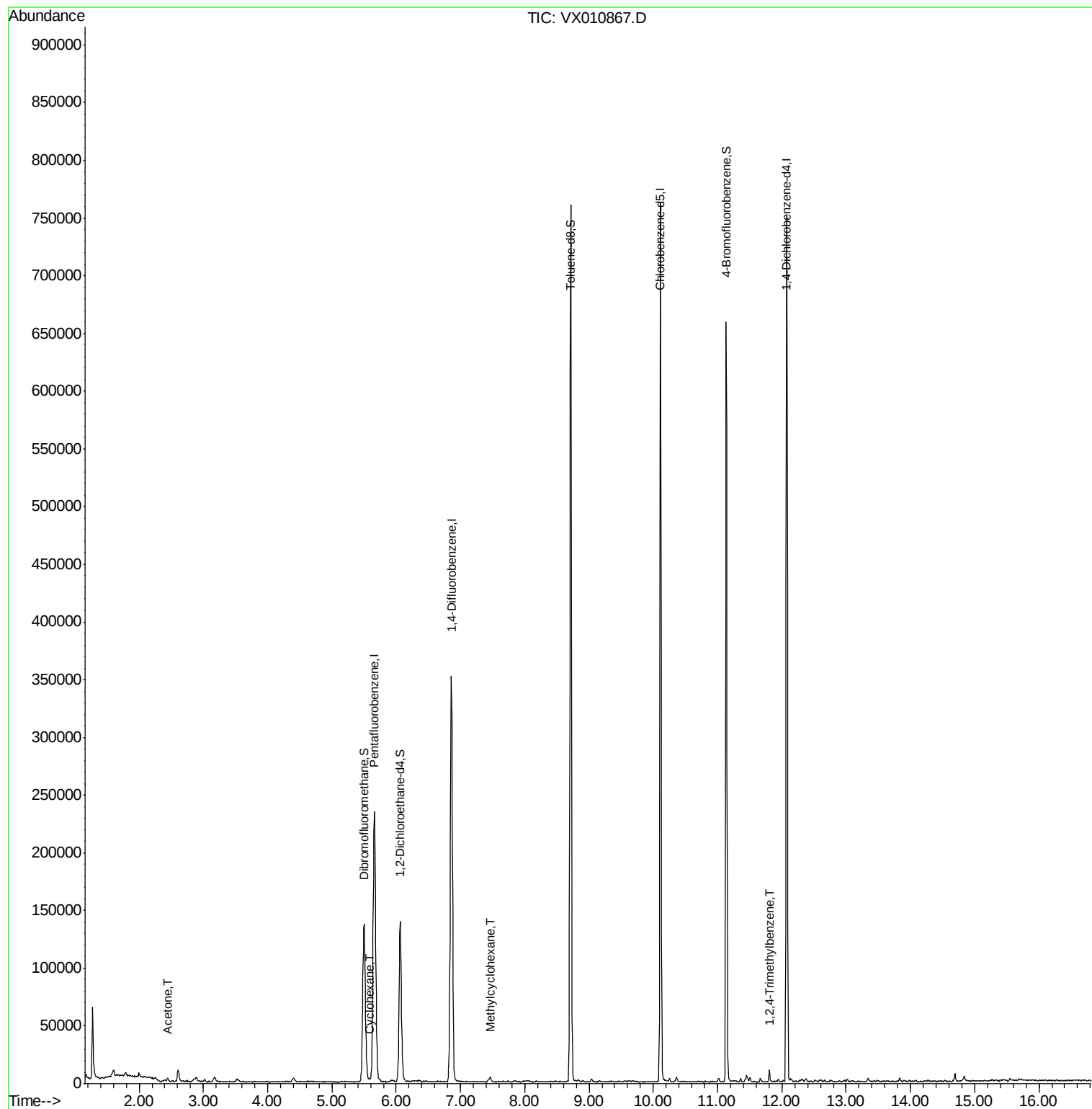
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	381493	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	355093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168368	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	126602	55.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.76%	
35) Dibromofluoromethane	5.50	113	115558	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
50) Toluene-d8	8.71	98	453726	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.13	95	162122	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
Target Compounds						
16) Acetone	2.44	43	3134	2.760	ug/l #	79
31) Cyclohexane	5.59	56	1217	0.372	ug/l #	84
39) Methylcyclohexane	7.46	83	1929	0.484	ug/l	89
84) 1,2,4-Trimethylbenzene	11.80	105	4384	0.464	ug/l	95

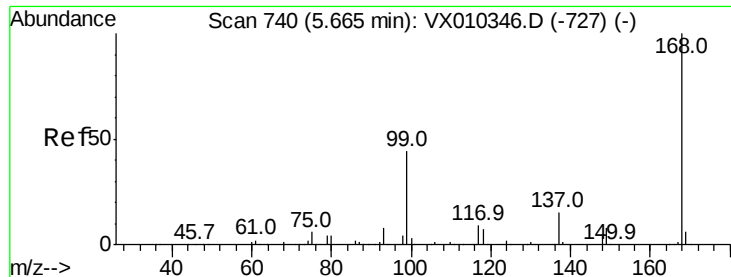
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010867.D

Acq: 13 Jul 2019 03:42

Instrument :

MSVOA_X

ClientSampleId :

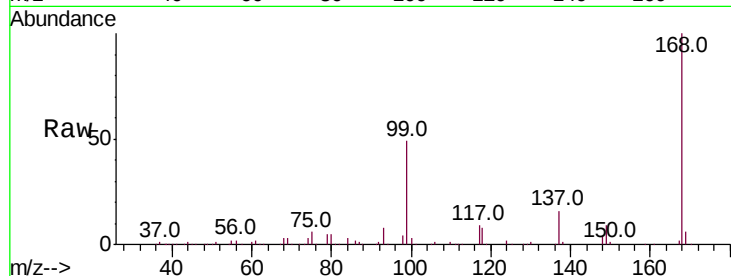
FL-0600

Tot Ion:168 Resp: 241642

Ion Ratio Lower Upper

168 100

99 48.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

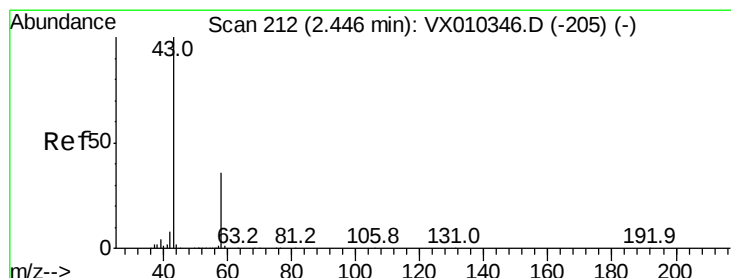
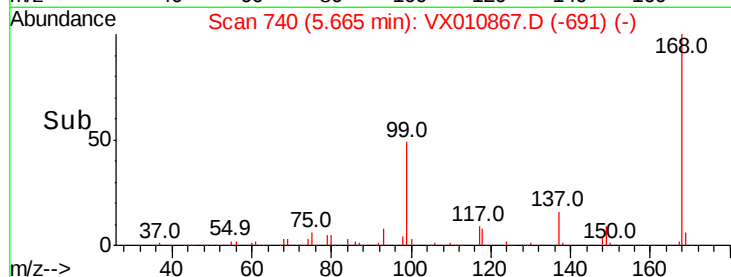
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.760 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010867.D

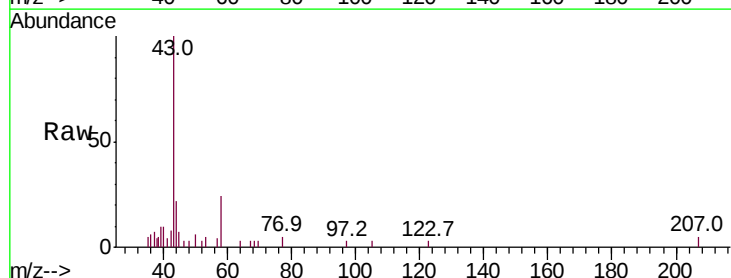
Acq: 13 Jul 2019 03:42

Tgt Ion: 43 Resp: 3134

Ion Ratio Lower Upper

43 100

58 23.8 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

2000

1500

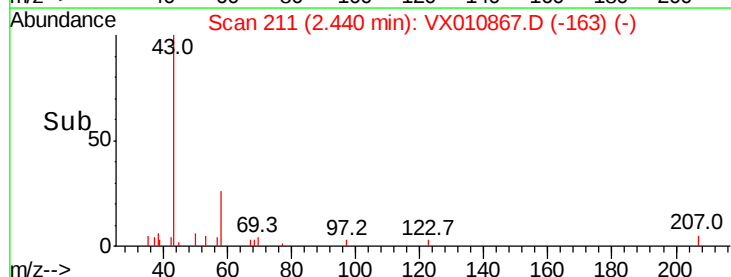
1000

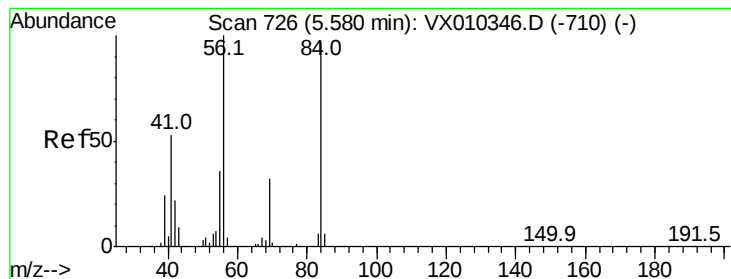
500

0

Time-->

2.40 2.45 2.50





#31

Cvclohexane

Concen: 0.372 ug/l

RT: 5.59 min Scan# 728

Delta R.T. 0.01 min

Lab File: VX010867.D

Acq: 13 Jul 2019 03:42

Instrument :

MSVOA_X

ClientSampleId :

FL-0600

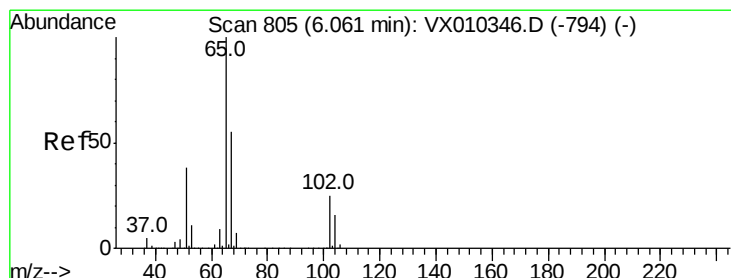
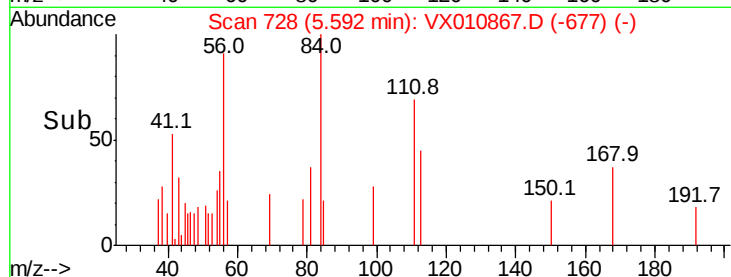
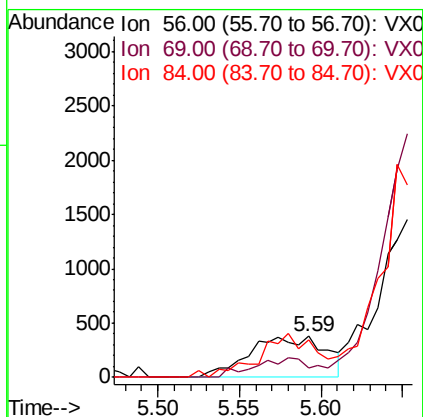
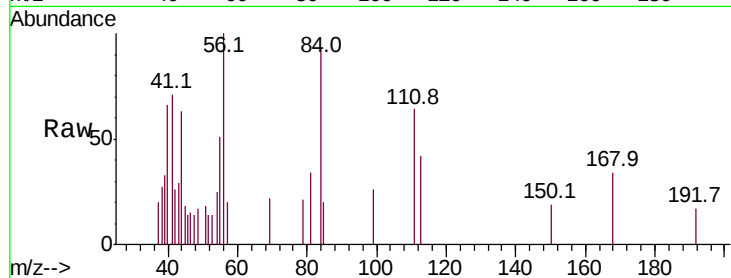
Tot Ion: 56 Resp: 1217

Ion Ratio Lower Upper

56 100

69 22.3 25.9 38.9#

84 113.0 78.0 117.0



#33

1,2-Dichloroethane-d4

Concen: 55.879 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010867.D

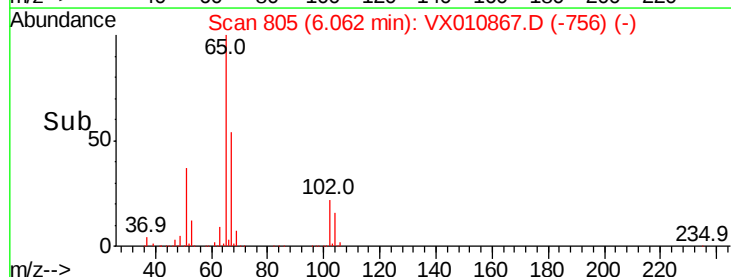
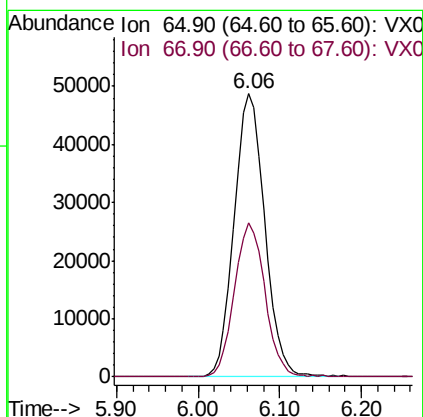
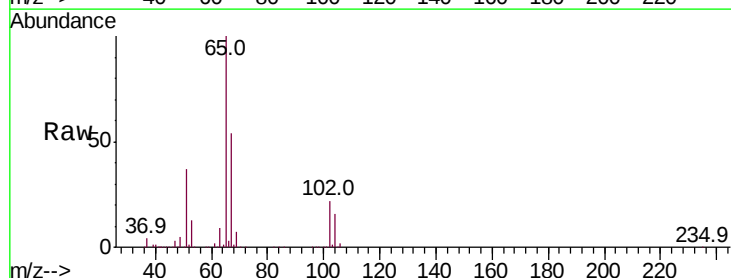
Acq: 13 Jul 2019 03:42

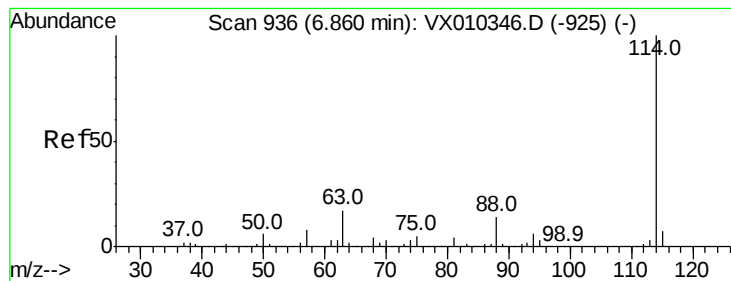
Tgt Ion: 65 Resp: 126602

Ion Ratio Lower Upper

65 100

67 54.4 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010867.D

Acq: 13 Jul 2019 03:42

Instrument :

MSVOA_X

ClientSampleId :

FL-0600

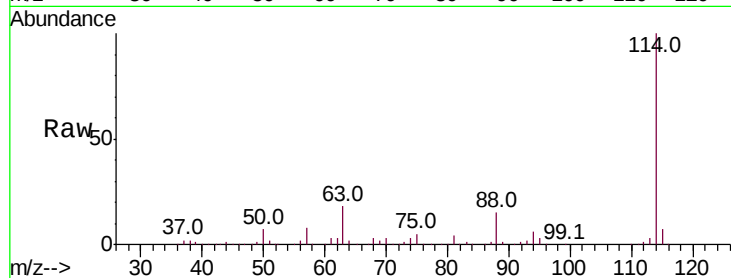
Tot Ion:114 Resp: 381493

Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.8

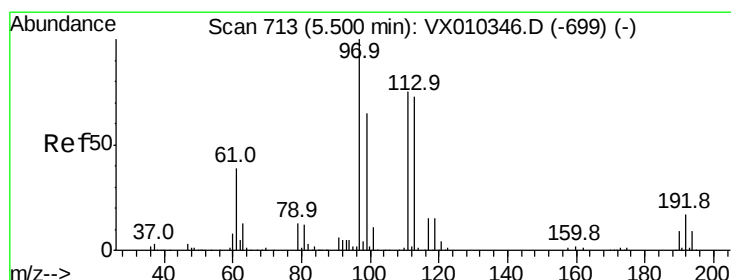
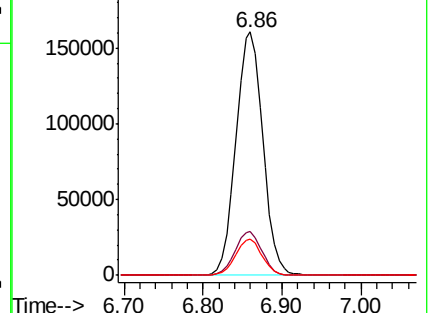
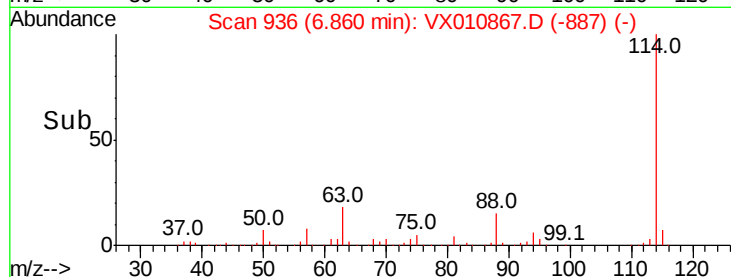
88 14.8 0.0 27.6



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: 49.508 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010867.D

Acq: 13 Jul 2019 03:42

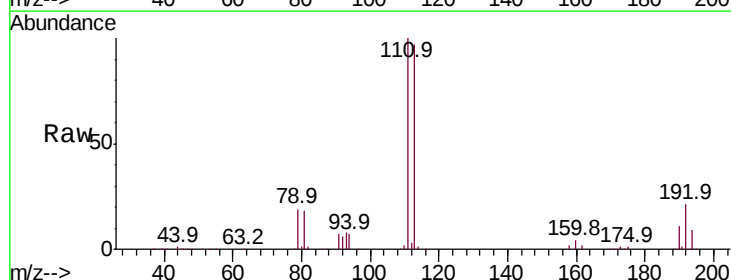
Tgt Ion:113 Resp: 115558

Ion Ratio Lower Upper

113 100

111 102.3 81.2 121.8

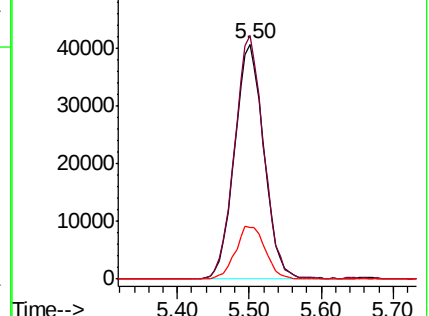
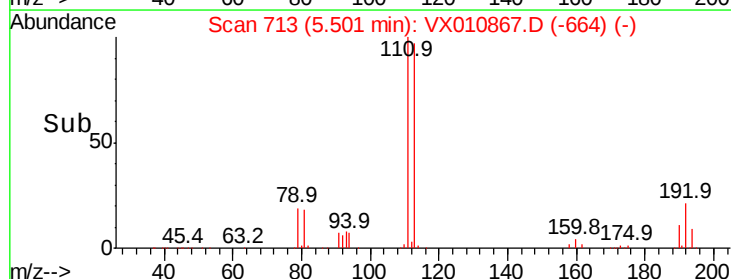
192 22.8 18.6 27.8

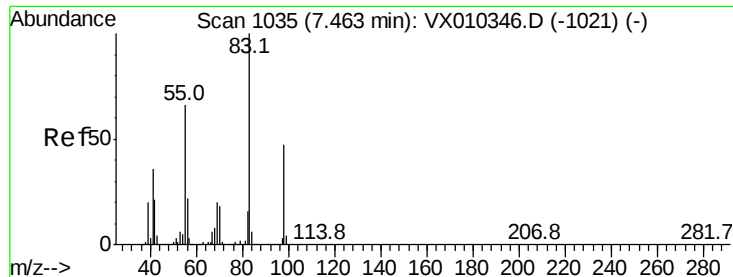


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#39

Methylcyclohexane

Concen: 0.484 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010867.D

Acq: 13 Jul 2019 03:42

Instrument :

MSVOA_X

ClientSampled :

FL-0600

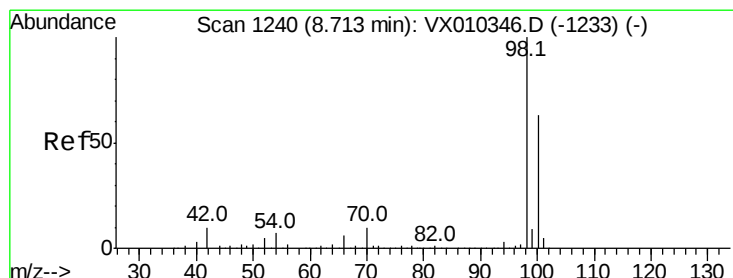
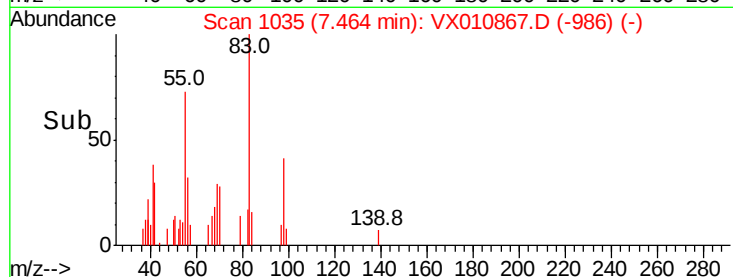
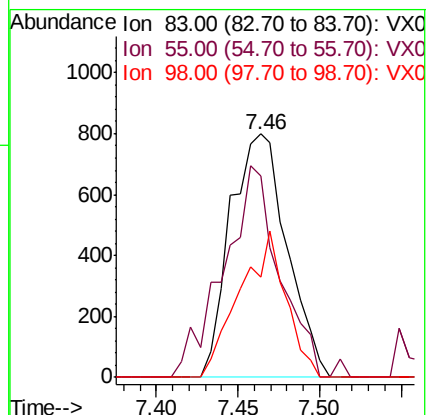
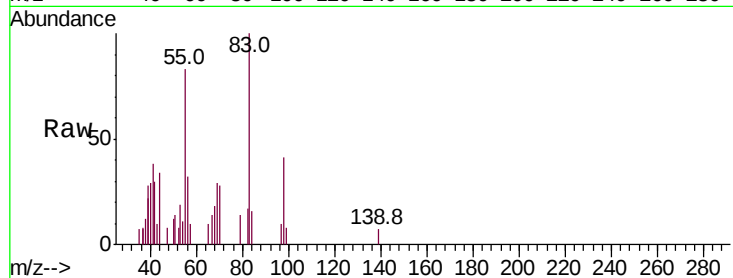
Tot Ion: 83 Resp: 1929

Ion Ratio Lower Upper

83 100

55 75.3 53.0 79.6

98 41.1 37.8 56.8



#50

Toluene-d8

Concen: 50.810 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010867.D

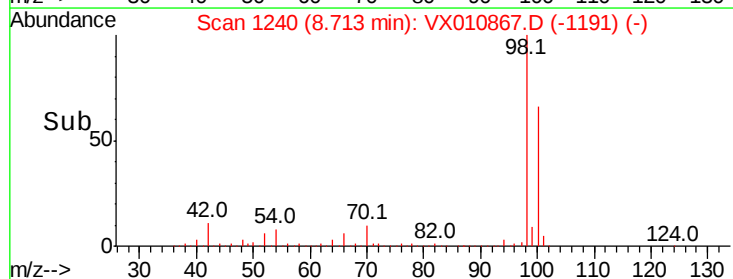
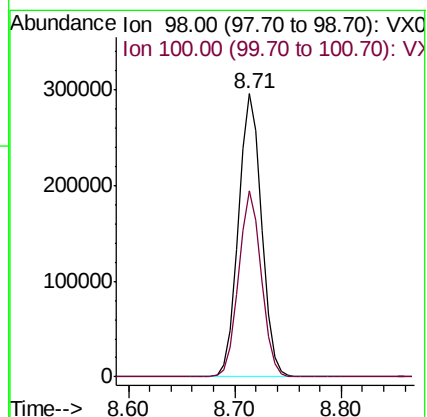
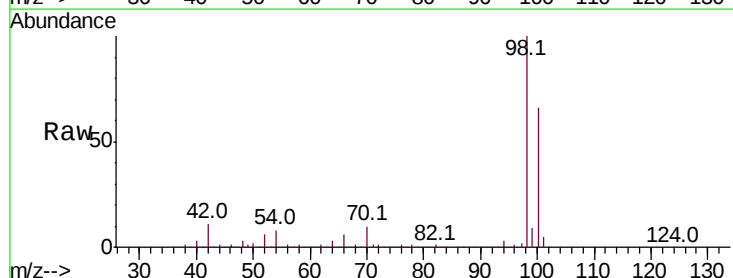
Acq: 13 Jul 2019 03:42

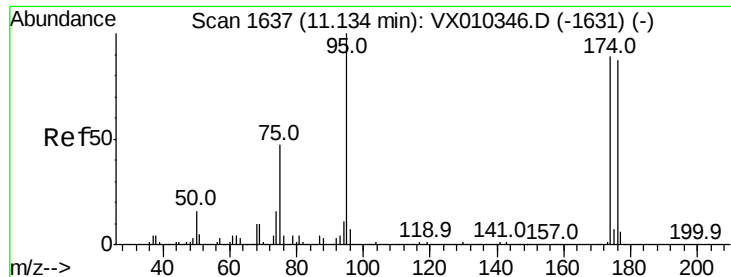
Tgt Ion: 98 Resp: 453726

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4

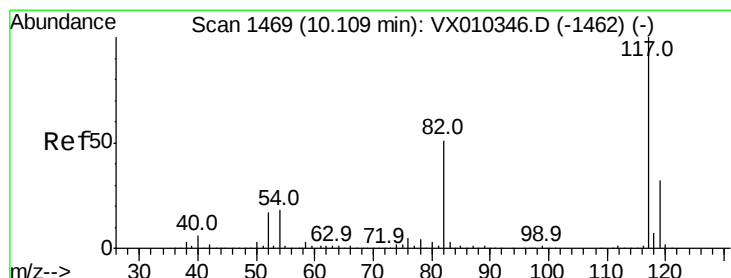
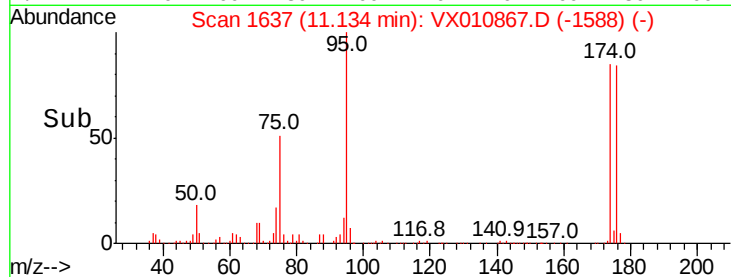
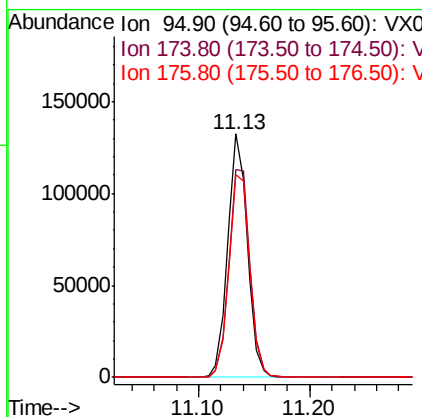
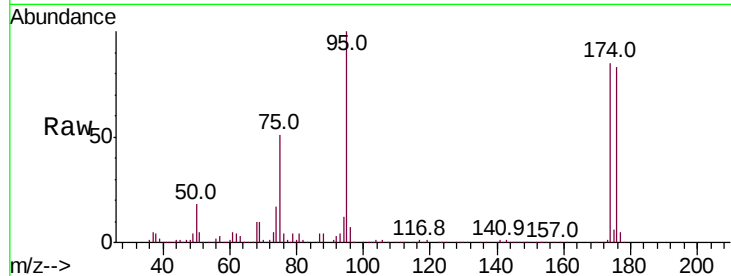




#62
4-Bromofluorobenzene
Concen: 50.287 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010867.D
Acq: 13 Jul 2019 03:42

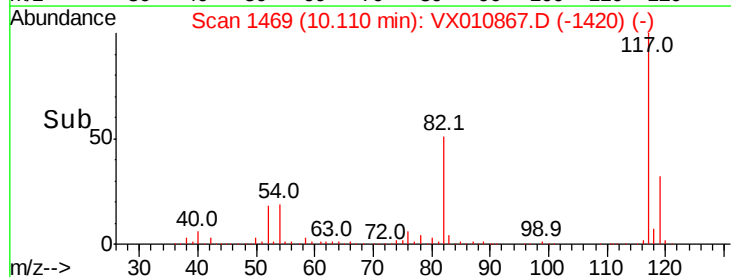
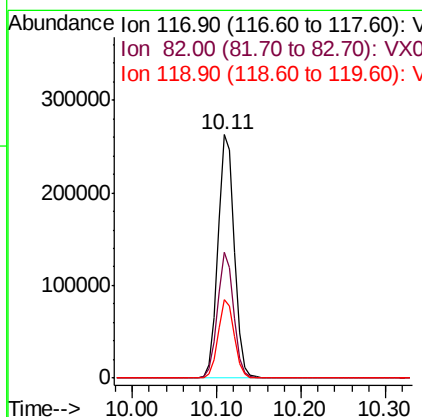
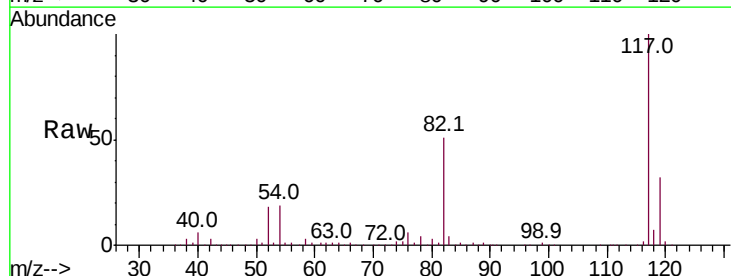
Instrument :
MSVOA_X
ClientSampleId :
FL-0600

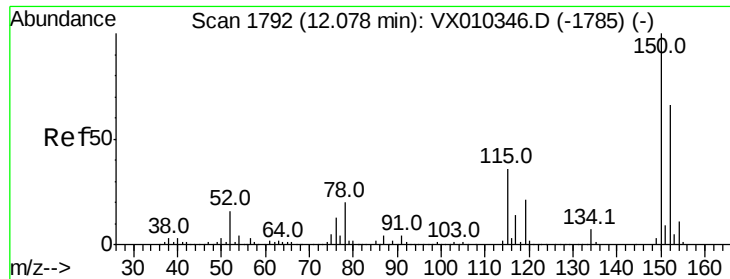
Tot Ion: 95 Resp: 162122
Ion Ratio Lower Upper
95 100
174 91.3 0.0 187.6
176 88.2 0.0 184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010867.D
Acq: 13 Jul 2019 03:42

Tgt Ion: 117 Resp: 355093
Ion Ratio Lower Upper
117 100
82 51.5 41.2 61.8
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010867.D

Acq: 13 Jul 2019 03:42

Instrument :

MSVOA_X

ClientSampled :

FL-0600

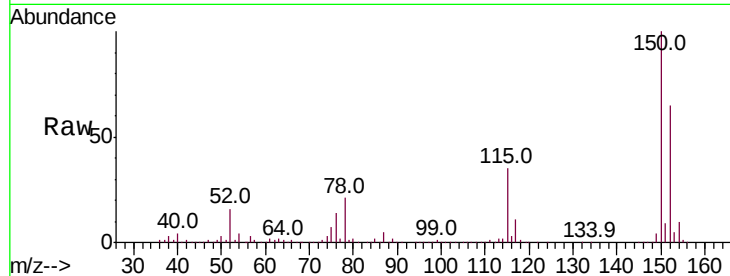
Tot Ion:152 Resp: 168368

Ion Ratio Lower Upper

152 100

115 55.5 38.6 115.7

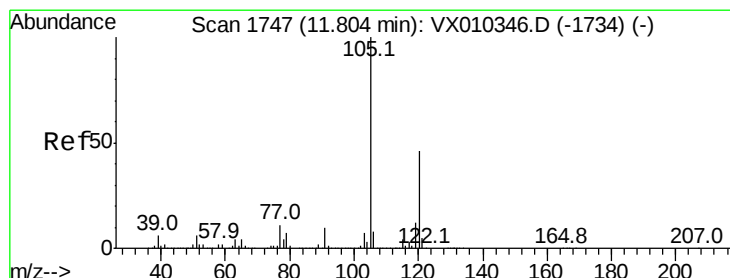
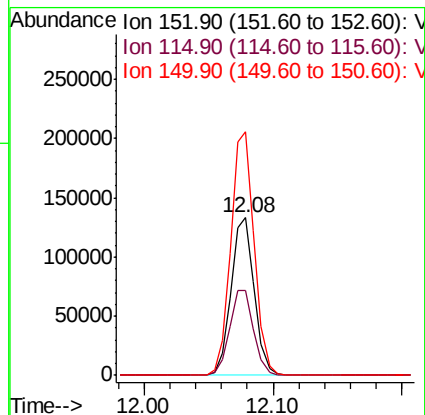
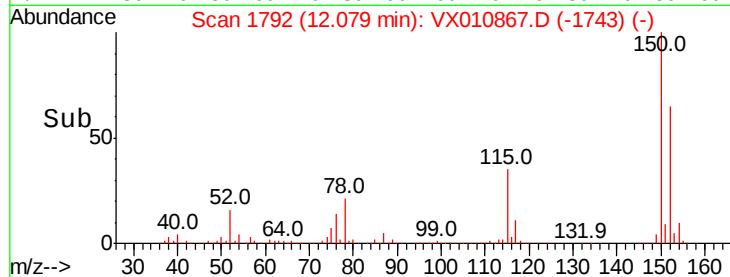
150 155.8 0.0 347.4



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



#84

1,2,4-Trimethylbenzene

Concen: 0.464 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010867.D

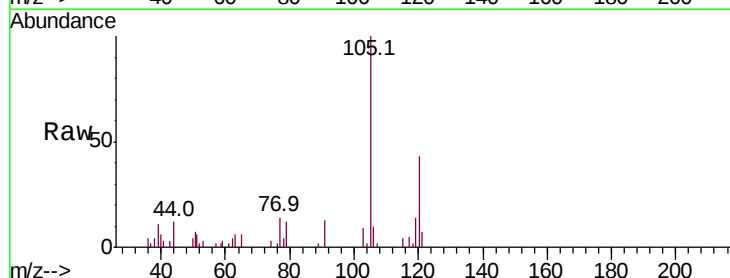
Acq: 13 Jul 2019 03:42

Tgt Ion:105 Resp: 4384

Ion Ratio Lower Upper

105 100

120 49.2 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

