

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011019\
 Data File : VX006994.D
 Acq On : 10 Jan 2019 17:07
 Operator : JC/MD
 Sample : K1099-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-17-14

Quant Time: Jan 11 07:57:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	612412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	930595	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	884106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	436347	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	323183	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	
35) Dibromofluoromethane	5.50	113	282823	47.46	ug/l	0.00
Spiked Amount			Recovery	=	94.92%	
50) Toluene-d8	8.71	98	1136655	52.11	ug/l	0.00
Spiked Amount			Recovery	=	104.22%	
62) 4-Bromofluorobenzene	11.13	95	400803	52.70	ug/l	0.00
Spiked Amount			Recovery	=	105.40%	

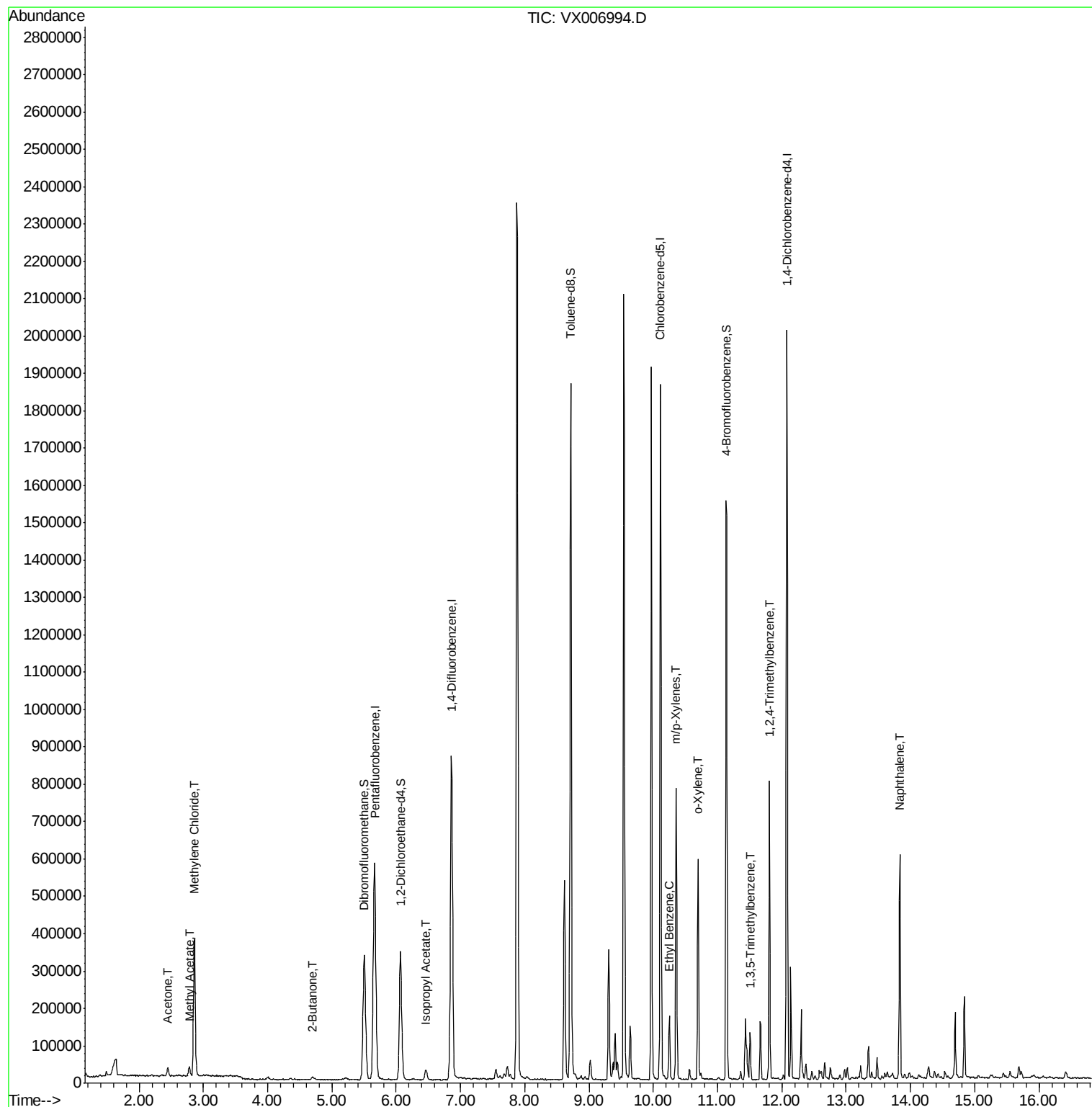
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	23247	7.347	ug/l	96
18) Methyl Acetate	2.78	43	31295	3.415	ug/l	95
20) Methylene Chloride	2.86	84	175904	28.991	ug/l	94
25) 2-Butanone	4.69	43	12288	2.714	ug/l #	85
43) Isopropyl Acetate	6.46	43	36768	2.687	ug/l	99
67) Ethyl Benzene	10.25	91	96677	3.037	ug/l	97
68) m/p-Xylenes	10.36	106	193265	15.410	ug/l	100
69) o-Xylene	10.69	106	113325	9.265	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	55406	2.155	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	351141	13.582	ug/l	98
95) Naphthalene	13.83	128	373974	11.896	ug/l	99

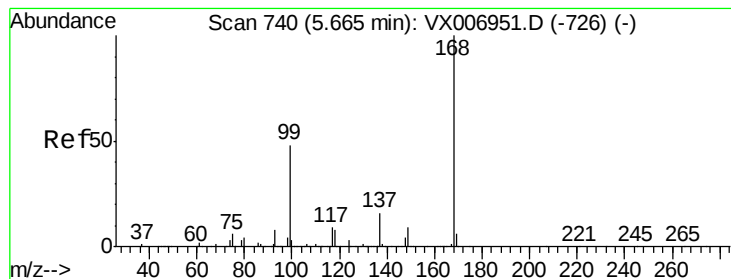
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011019\
Data File : VX006994.D
Acq On : 10 Jan 2019 17:07
Operator : JC/MD
Sample : K1099-12
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-17-14

Quant Time: Jan 11 07:57:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 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: VX006994.D

Acq: 10 Jan 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

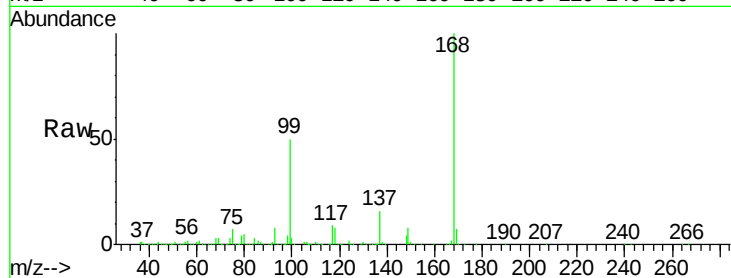
TP-17-14

Tot Ion:168 Resp: 612412

Ion Ratio Lower Upper

168 100

99 49.9 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

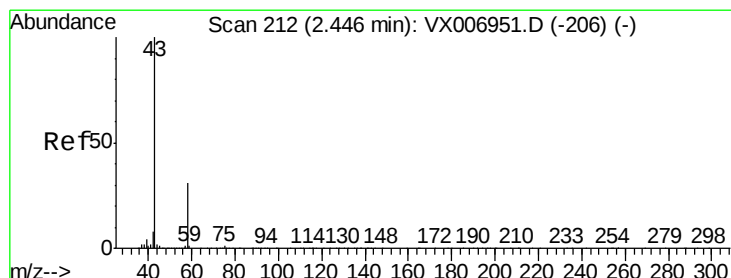
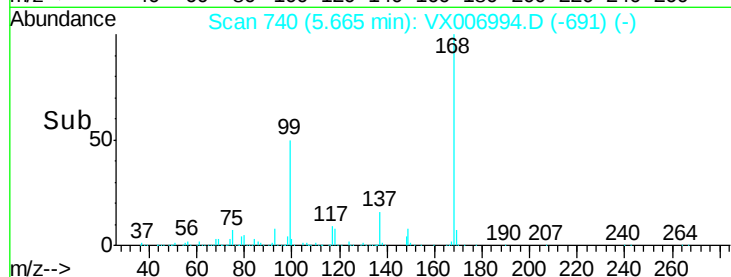
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.347 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006994.D

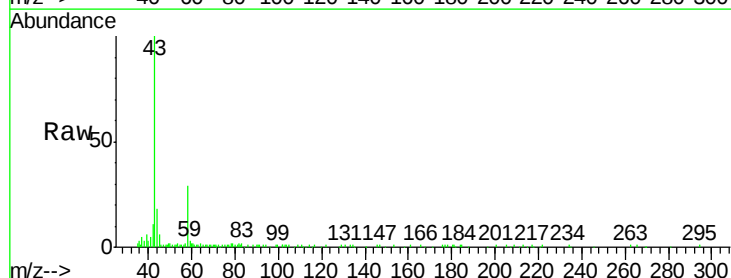
Acq: 10 Jan 2019 17:07

Tgt Ion: 43 Resp: 23247

Ion Ratio Lower Upper

43 100

58 29.2 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

15000

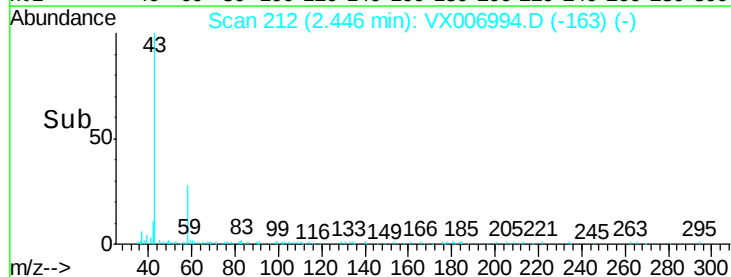
10000

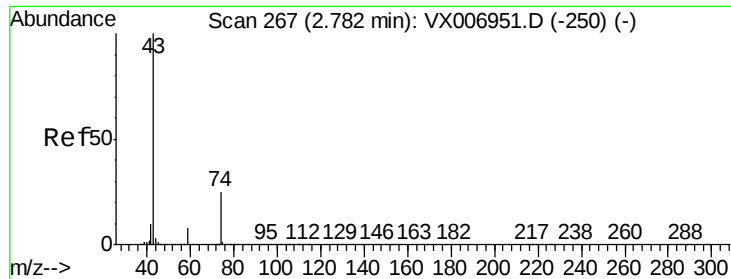
5000

0

Time-->

2.40 2.45 2.50

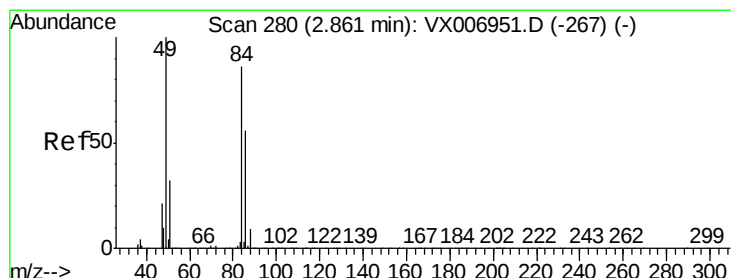
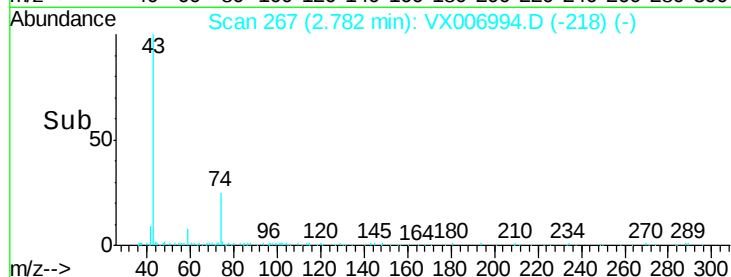
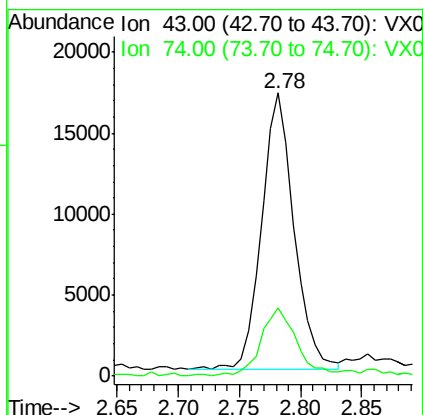
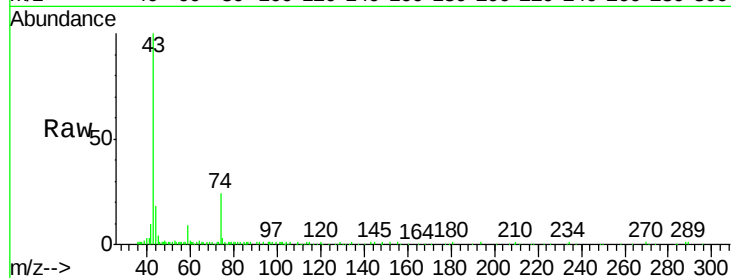




#18
Methyl Acetate
Concen: 3.415 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006994.D
Acq: 10 Jan 2019 17:07

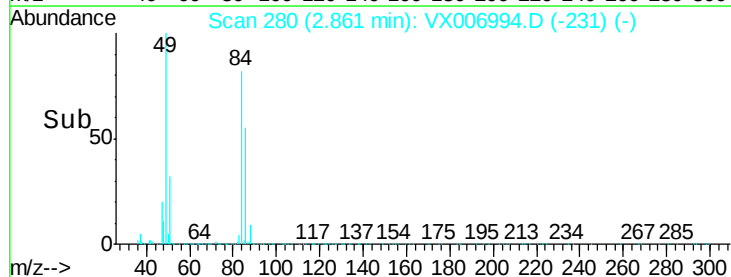
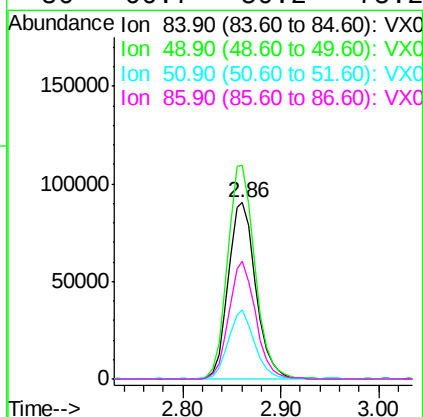
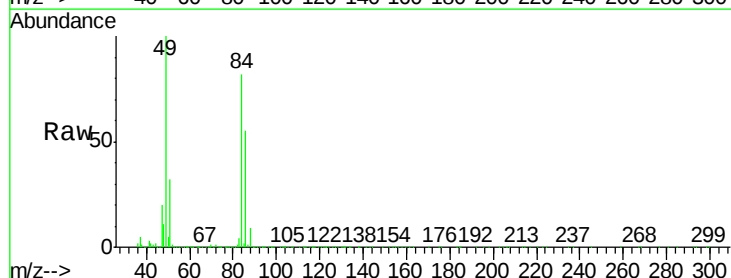
Instrument :
MSVOA_X
ClientSampled :
TP-17-14

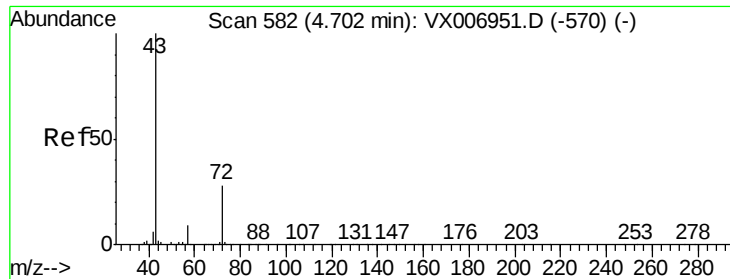
Tot Ion: 43 Resp: 31295
Ion Ratio Lower Upper
43 100
74 25.9 18.6 28.0



#20
Methylene Chloride
Concen: 28.991 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006994.D
Acq: 10 Jan 2019 17:07

Tgt Ion: 84 Resp: 175904
Ion Ratio Lower Upper
84 100
49 121.2 91.8 137.6
51 39.2 28.5 42.7
86 66.7 50.2 75.2





#25

2-Butanone

Concen: 2.714 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

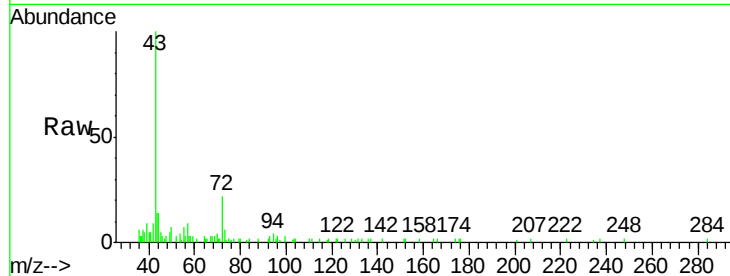
TP-17-14

Tot Ion: 43 Resp: 12288

Ion Ratio Lower Upper

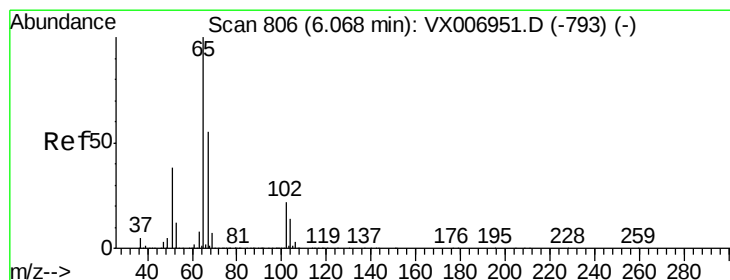
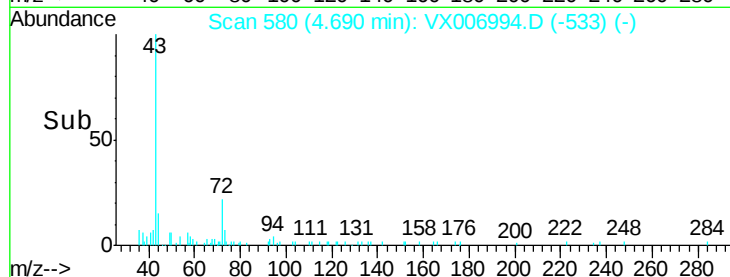
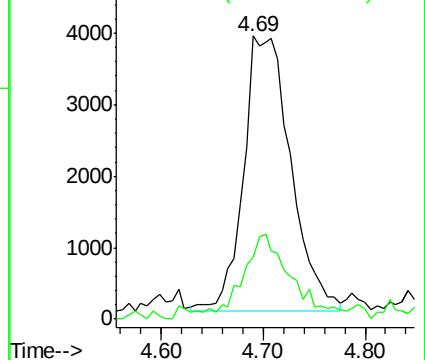
43 100

72 20.1 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.496 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006994.D

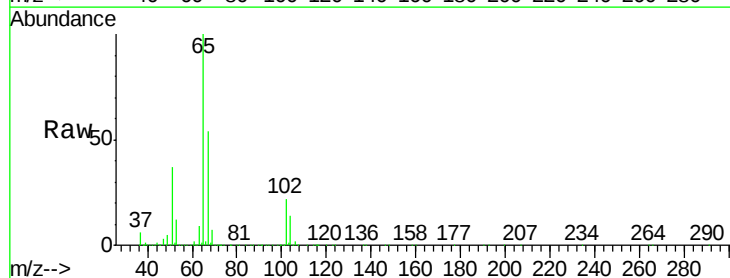
Acq: 10 Jan 2019 17:07

Tgt Ion: 65 Resp: 323183

Ion Ratio Lower Upper

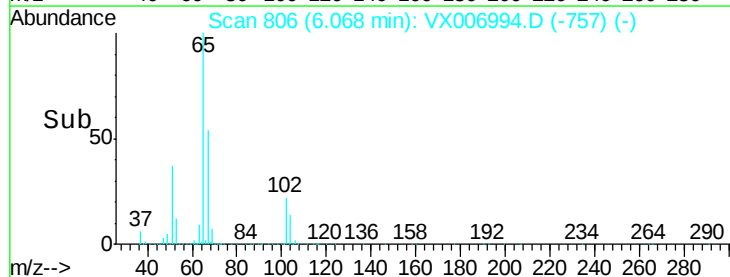
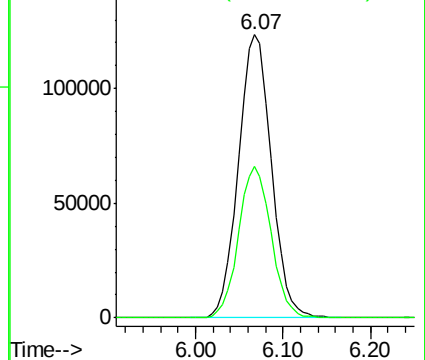
65 100

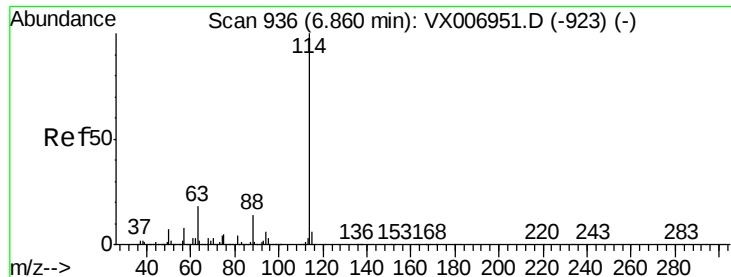
67 52.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

TP-17-14

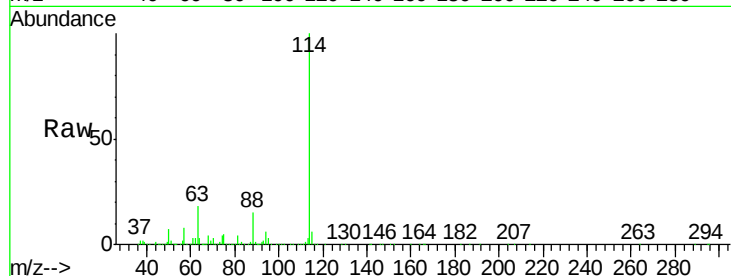
Tot Ion:114 Resp: 930595

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.8

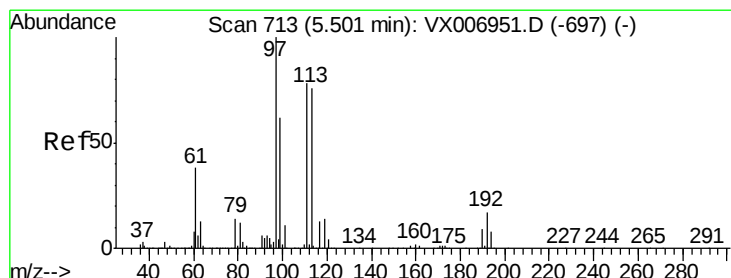
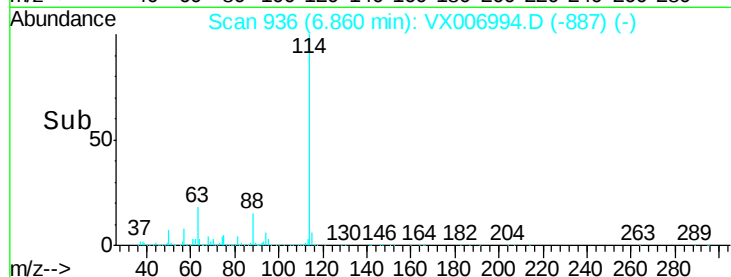
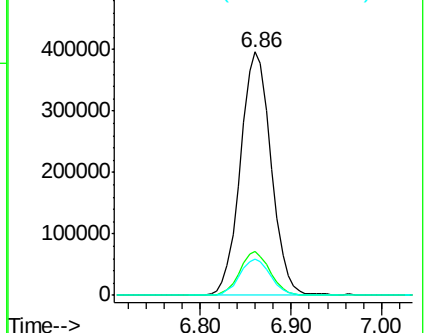
88 14.8 0.0 28.8



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: 47.458 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

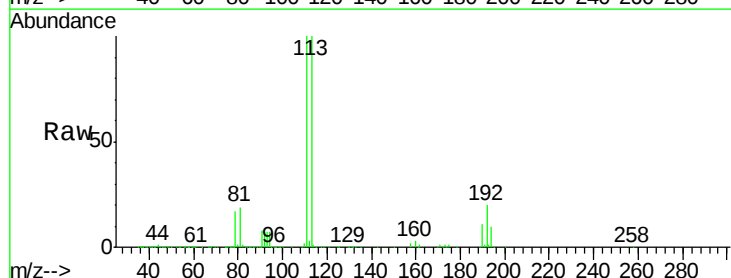
Tgt Ion:113 Resp: 282823

Ion Ratio Lower Upper

113 100

111 102.6 81.6 122.4

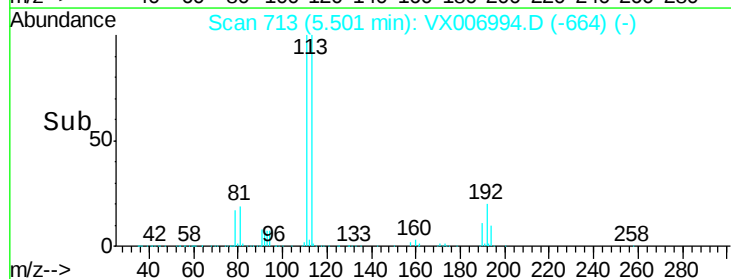
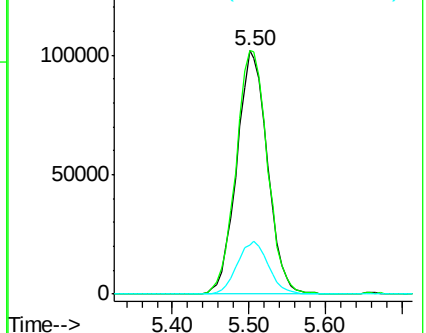
192 22.1 16.7 25.1

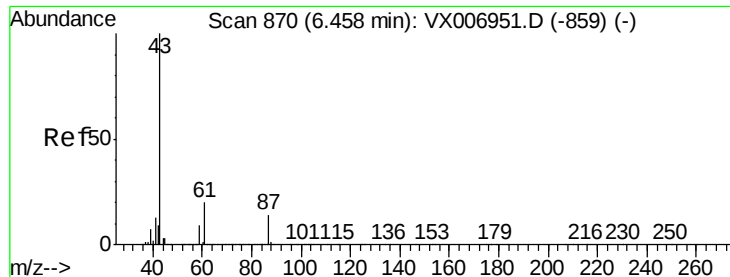


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



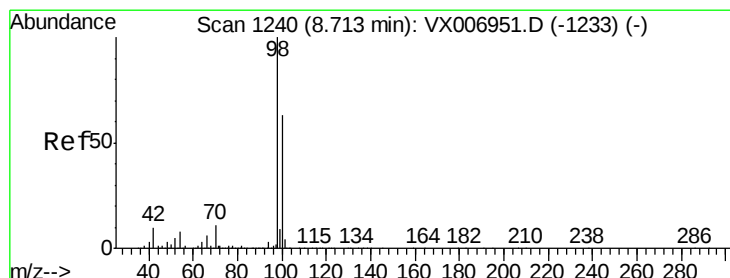
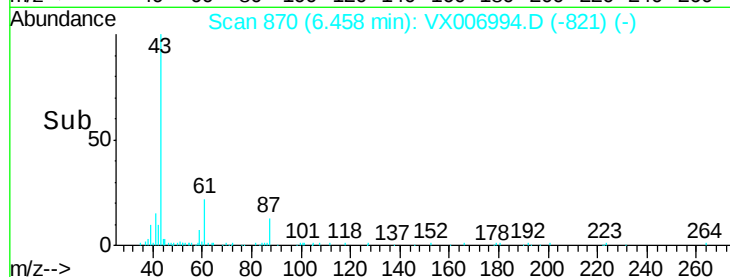
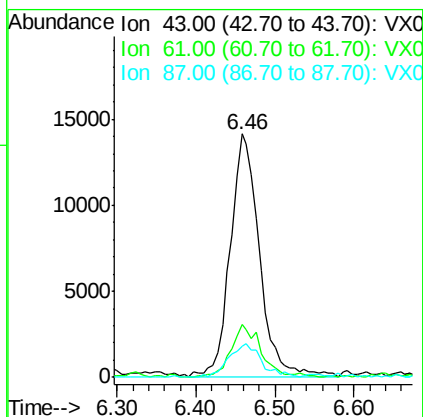
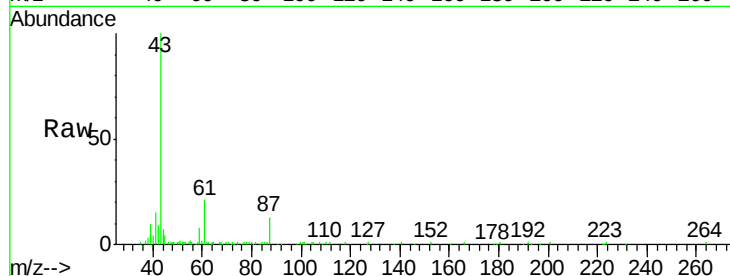


#43

Isopropyl Acetate
 Concen: 2.687 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006994.D
 Acq: 10 Jan 2019 17:07

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-17-14

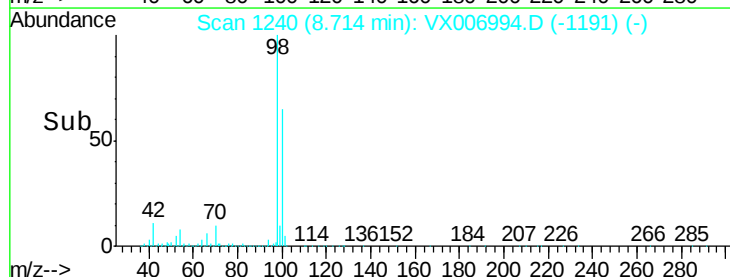
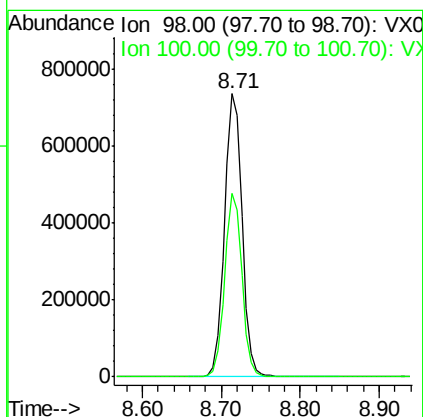
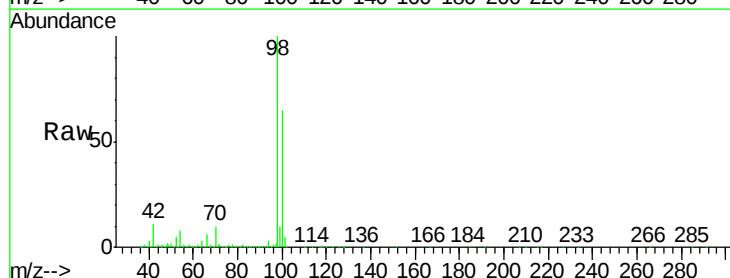
Tot Ion: 43 Resp: 36768
 Ion Ratio Lower Upper
 43 100
 61 21.7 16.8 25.2
 87 15.3 12.4 18.6

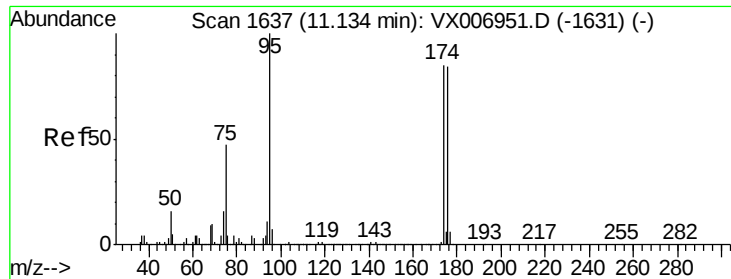


#50

Toluene-d8
 Concen: 52.108 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX006994.D
 Acq: 10 Jan 2019 17:07

Tgt Ion: 98 Resp: 1136655
 Ion Ratio Lower Upper
 98 100
 100 63.9 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 52.704 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

TP-17-14

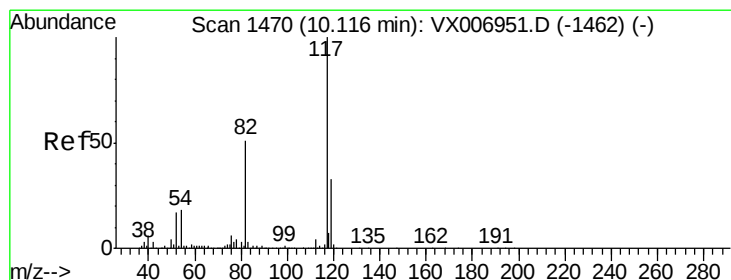
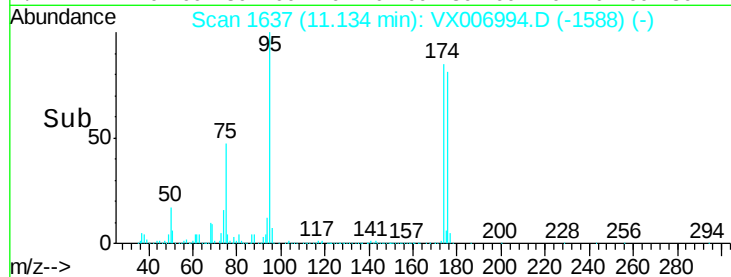
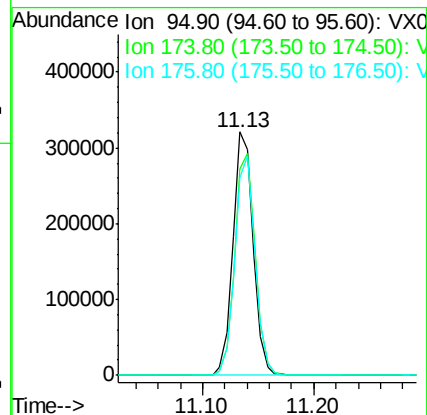
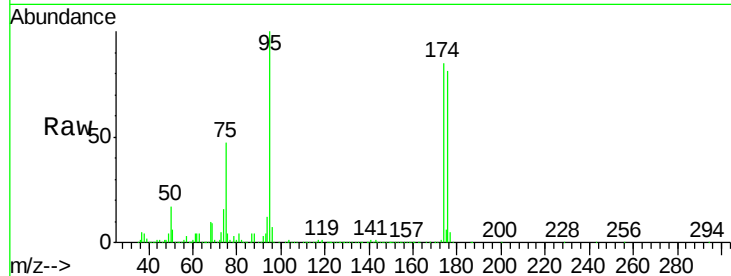
Tot Ion: 95 Resp: 400803

Ion Ratio Lower Upper

95 100

174 92.7 0.0 182.2

176 90.4 0.0 178.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

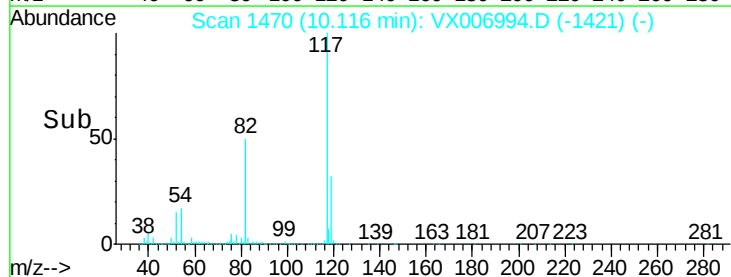
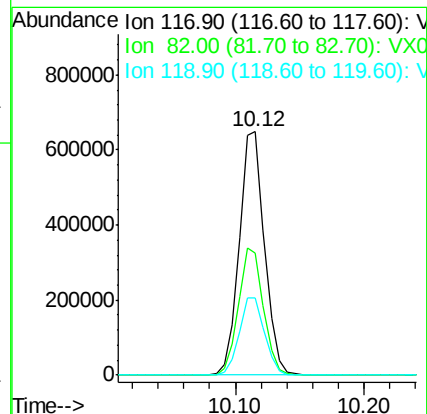
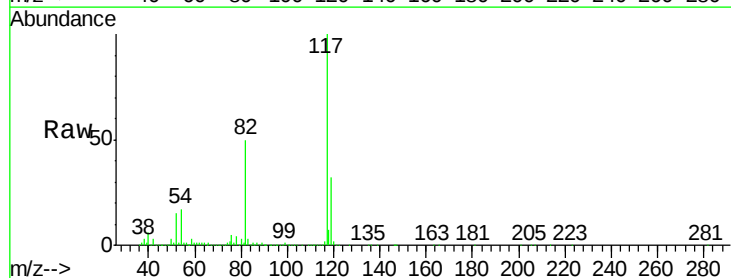
Tgt Ion: 117 Resp: 884106

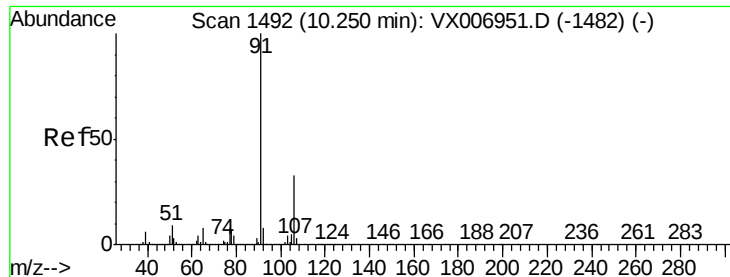
Ion Ratio Lower Upper

117 100

82 50.4 41.0 61.6

119 31.8 25.4 38.0





#67

Ethyl Benzene

Concen: 3.037 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

Instrument :

MSVOA_X

ClientSampled :

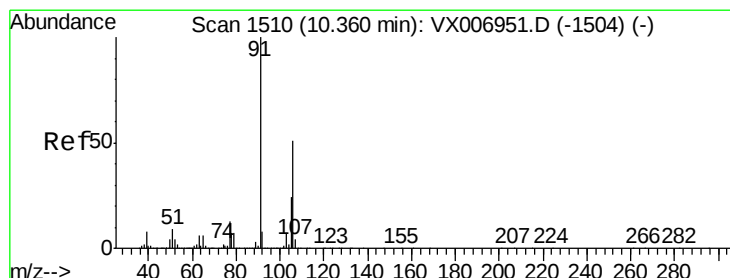
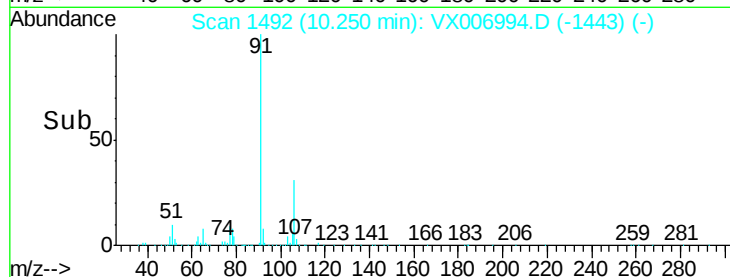
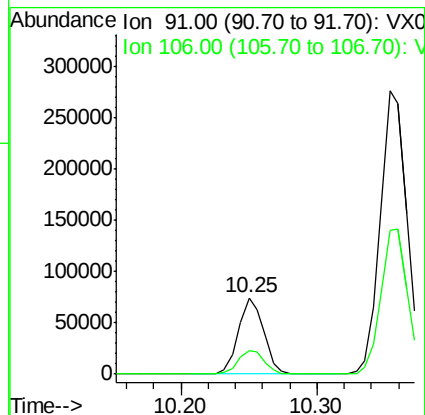
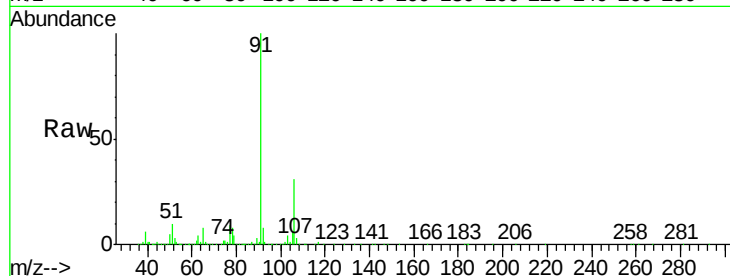
TP-17-14

Tot Ion: 91 Resp: 96677

Ion Ratio Lower Upper

91 100

106 31.2 26.4 39.6



#68

m/p-Xylenes

Concen: 15.410 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006994.D

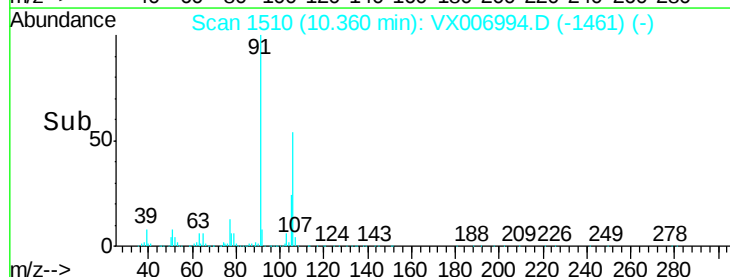
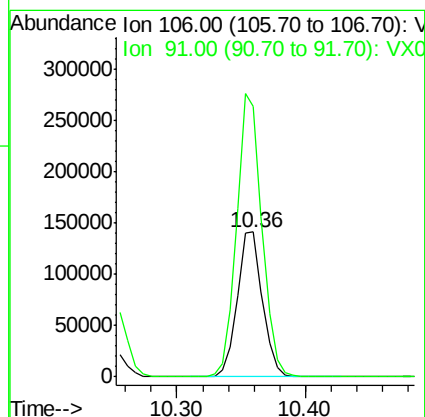
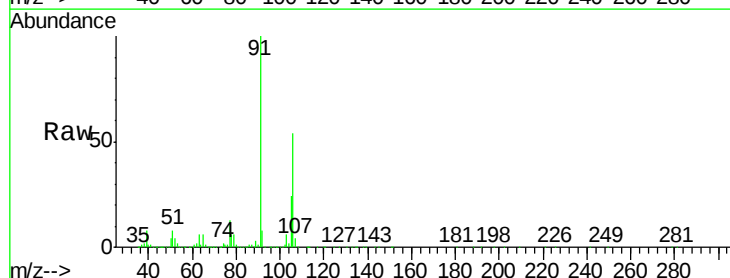
Acq: 10 Jan 2019 17:07

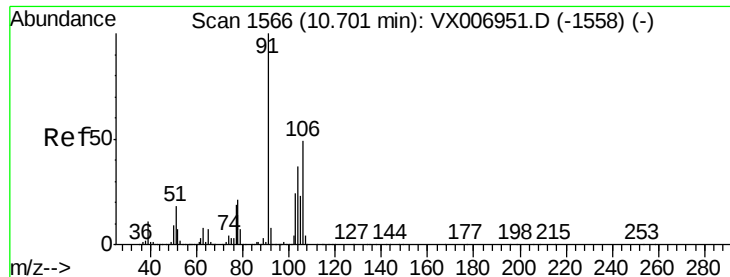
Tgt Ion: 106 Resp: 193265

Ion Ratio Lower Upper

106 100

91 194.3 155.8 233.6

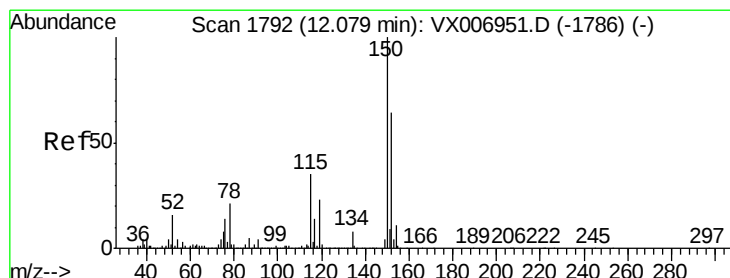
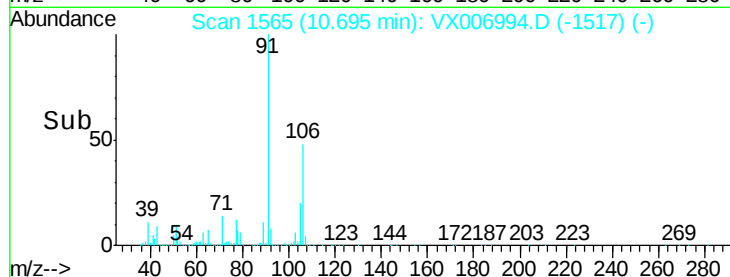
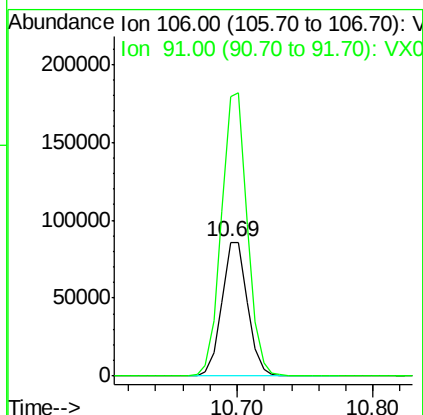
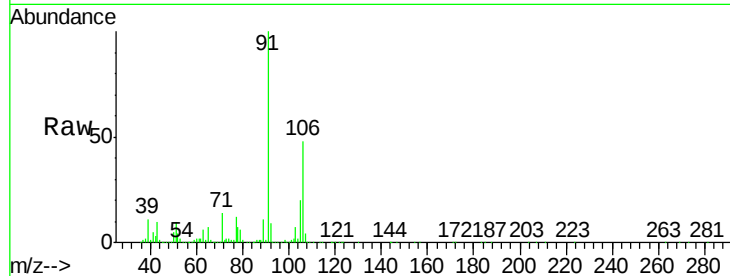




#69
o-Xylene
Concen: 9.265 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006994.D
Acq: 10 Jan 2019 17:07

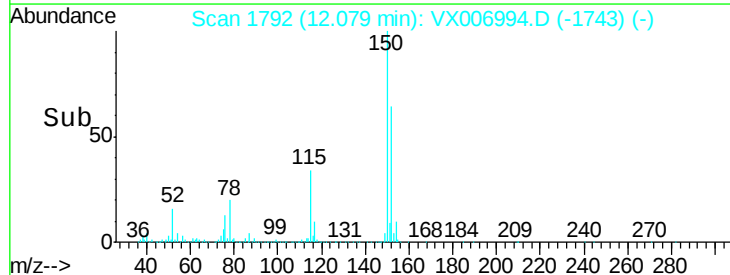
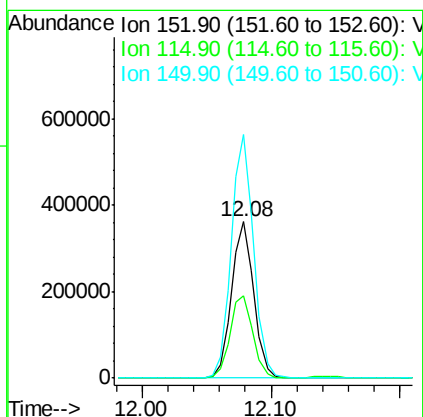
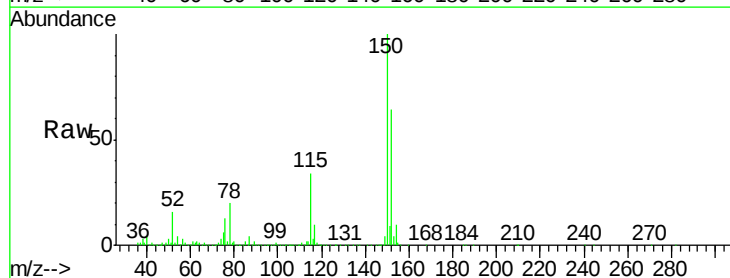
Instrument :
MSVOA_X
ClientSampled :
TP-17-14

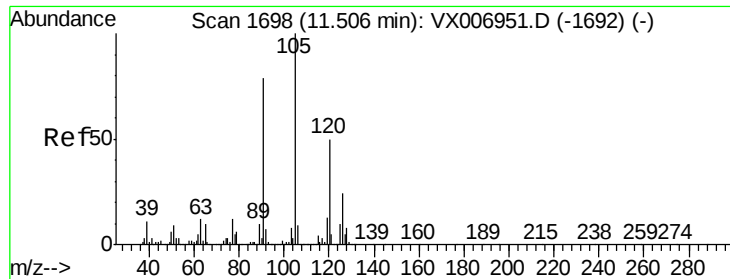
Tot Ion:106 Resp: 113325
Ion Ratio Lower Upper
106 100
91 211.1 101.3 303.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006994.D
Acq: 10 Jan 2019 17:07

Tgt Ion:152 Resp: 436347
Ion Ratio Lower Upper
152 100
115 54.0 39.1 117.2
150 156.0 0.0 344.8





#80

1,3,5-Trimethylbenzene

Concen: 2.155 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

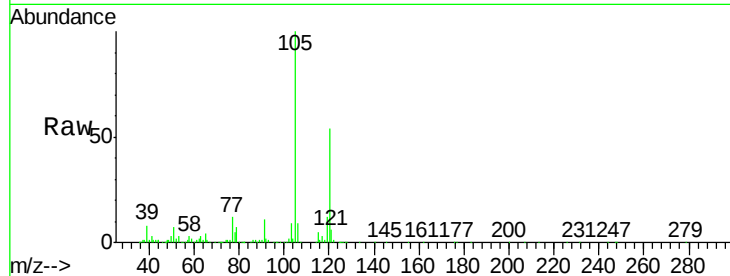
TP-17-14

Tot Ion:105 Resp: 55406

Ion Ratio Lower Upper

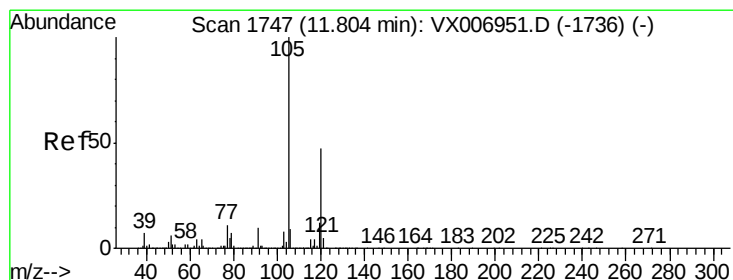
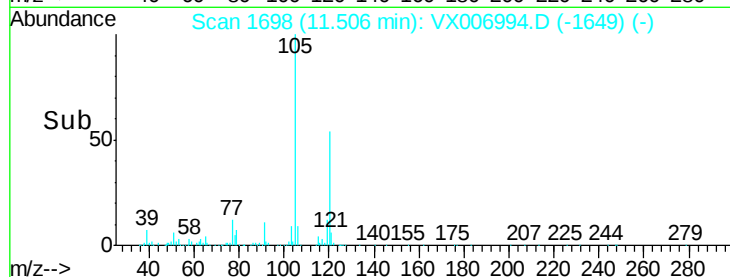
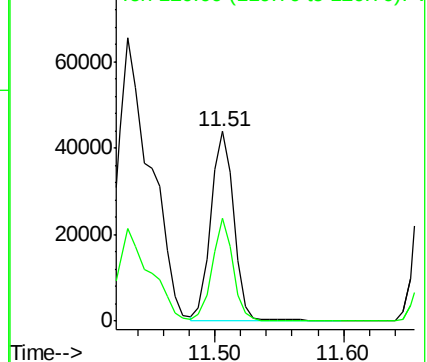
105 100

120 48.4 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 13.582 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006994.D

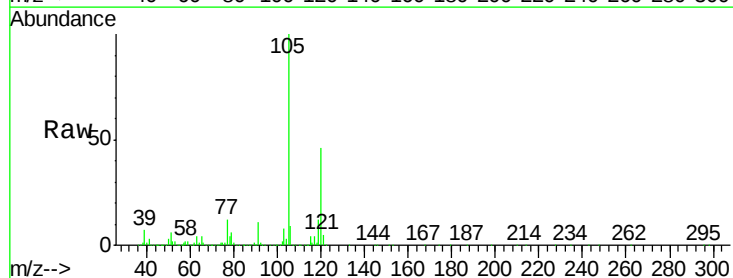
Acq: 10 Jan 2019 17:07

Tgt Ion:105 Resp: 351141

Ion Ratio Lower Upper

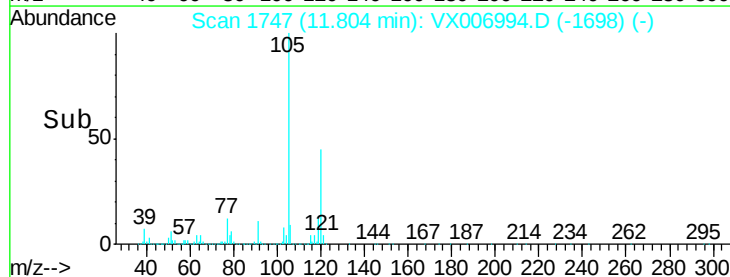
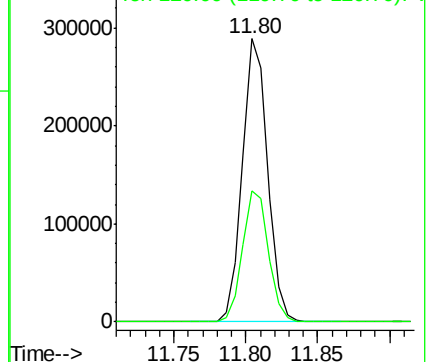
105 100

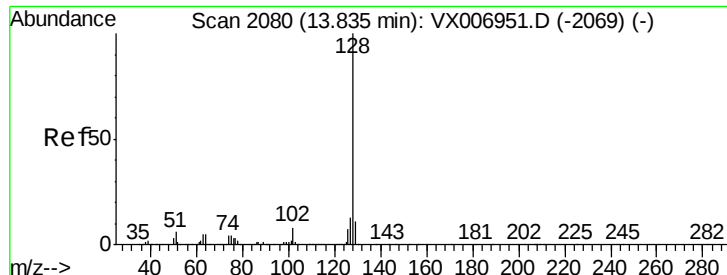
120 47.5 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 11.896 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

TP-17-14

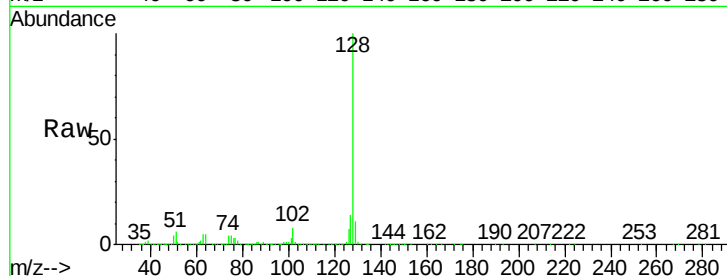
Tot Ion:128 Resp: 373974

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

