

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011019\
 Data File : VX006996.D
 Acq On : 10 Jan 2019 18:00
 Operator : JC/MD
 Sample : K1099-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-19-20

Quant Time: Jan 11 08:01:48 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

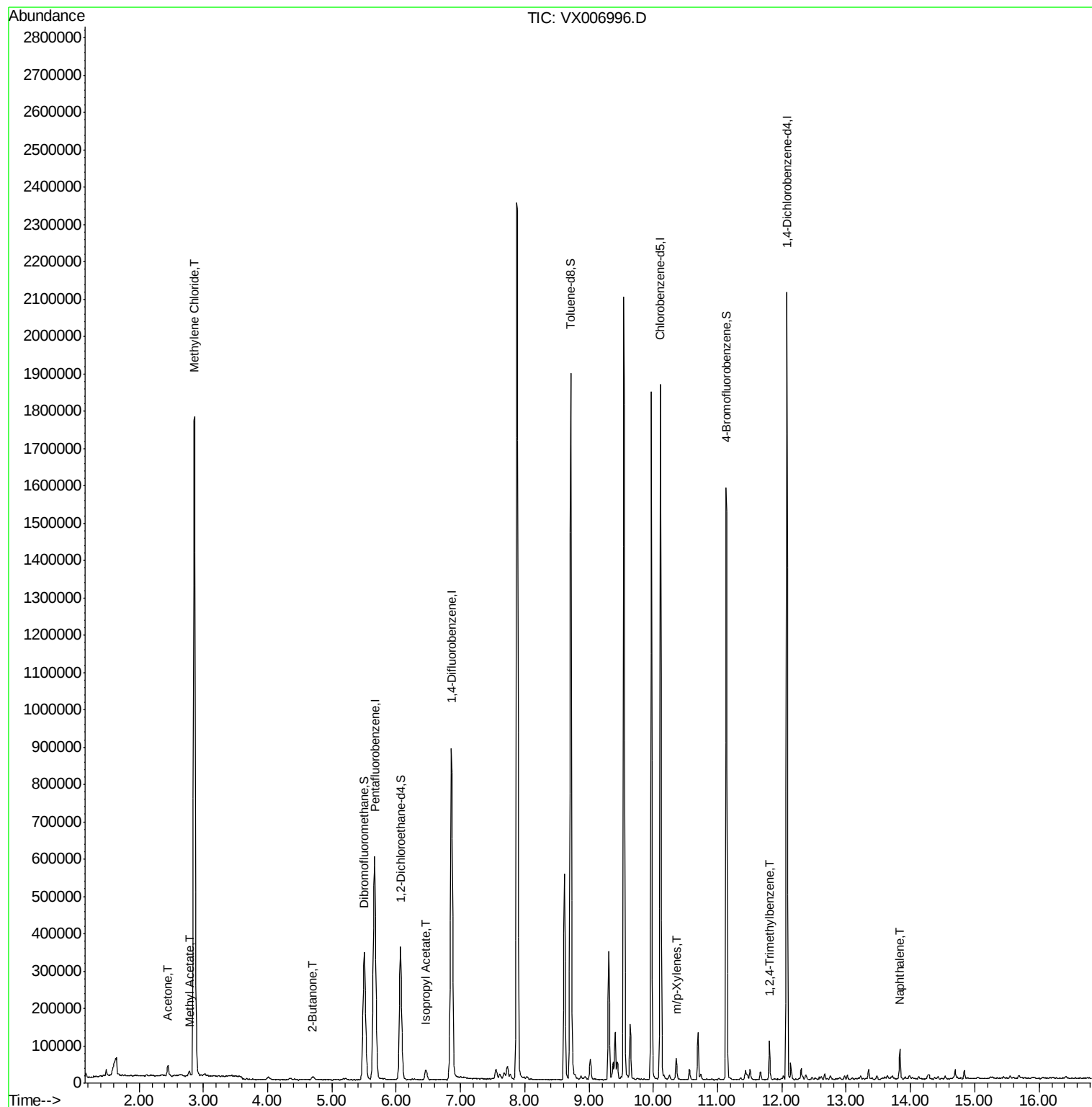
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	617245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	946638	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	901411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	439740	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	326715	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
35) Dibromofluoromethane	5.50	113	287938	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
50) Toluene-d8	8.71	98	1148751	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
62) 4-Bromofluorobenzene	11.13	95	409525	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
Target Compounds						
16) Acetone	2.45	43	32804	10.286	ug/l	95
18) Methyl Acetate	2.78	43	16679	1.806	ug/l	96
20) Methylene Chloride	2.86	84	849949	141.158	ug/l	96
25) 2-Butanone	4.71	43	13774	3.019	ug/l	96
43) Isopropyl Acetate	6.46	43	34489	2.478	ug/l	97
68) m/p-Xylenes	10.36	106	14266	1.116	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	46134	1.771	ug/l	100
95) Naphthalene	13.83	128	50386	1.590	ug/l	97

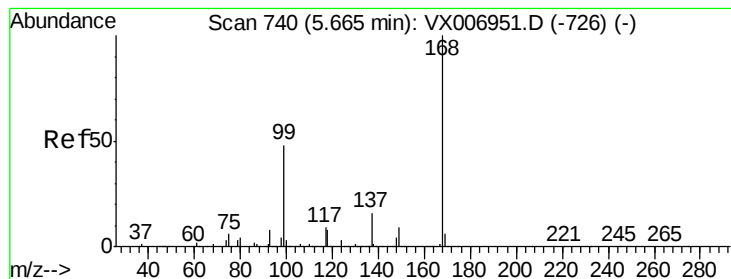
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011019\
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Quant Time: Jan 11 08:01:48 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: VX006996.D

Acq: 10 Jan 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

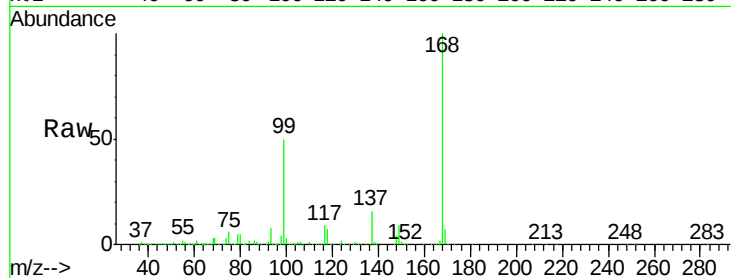
TP-19-20

Tot Ion:168 Resp: 617245

Ion Ratio Lower Upper

168 100

99 50.2 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

250000

200000

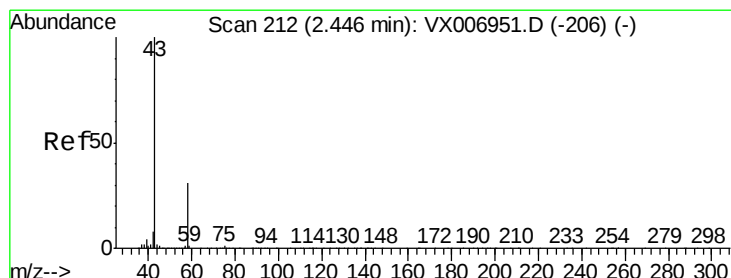
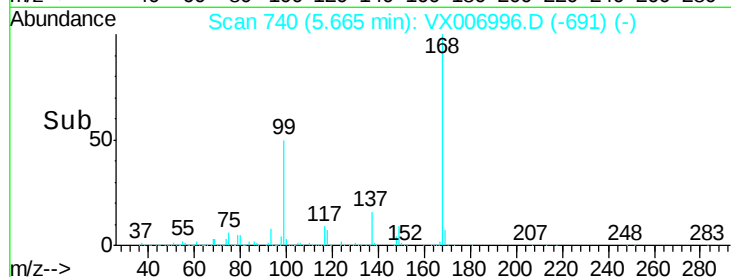
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.286 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006996.D

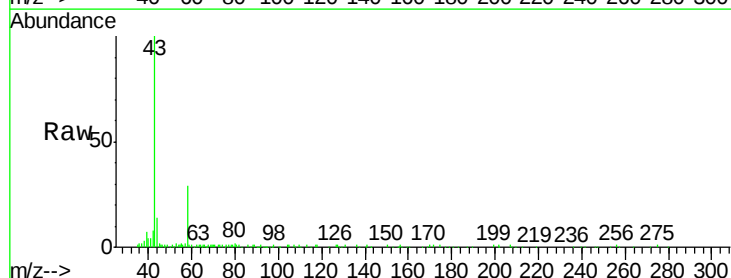
Acq: 10 Jan 2019 18:00

Tgt Ion: 43 Resp: 32804

Ion Ratio Lower Upper

43 100

58 28.8 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

20000

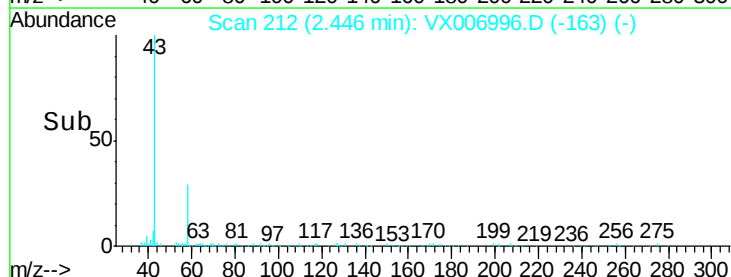
15000

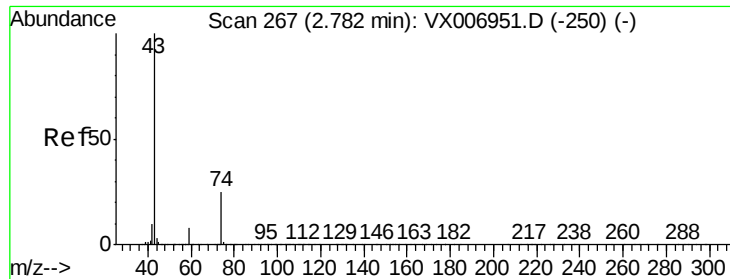
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

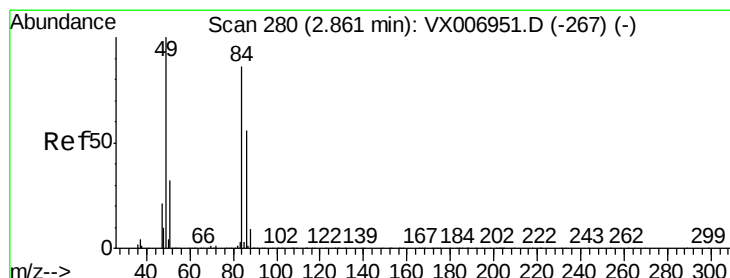
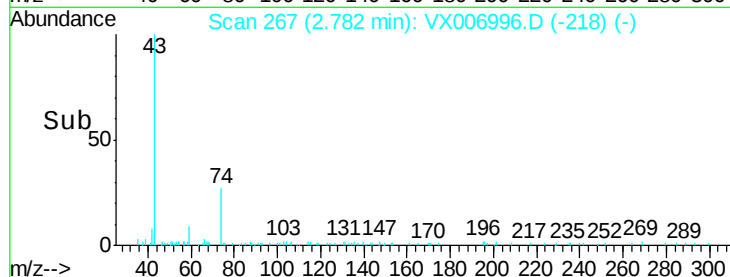
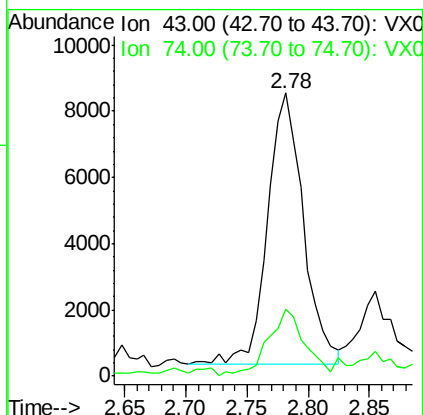
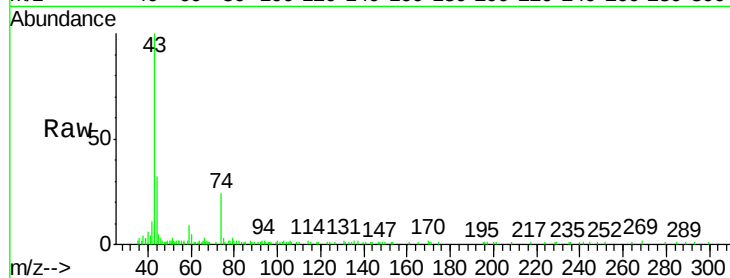




#18
Methyl Acetate
Concen: 1.806 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006996.D
Acq: 10 Jan 2019 18:00

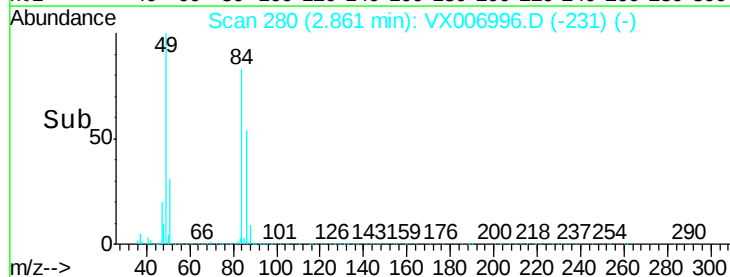
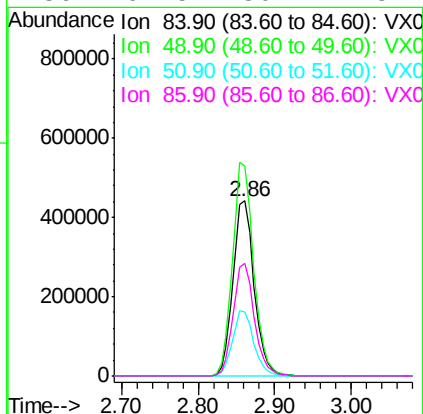
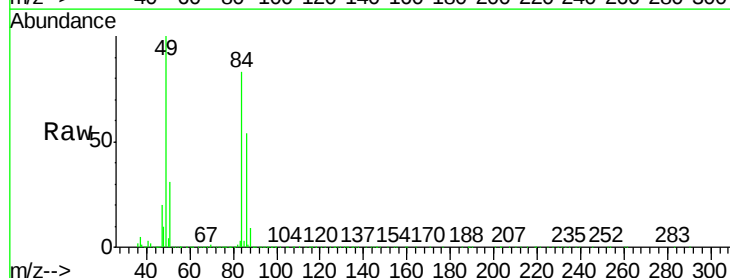
Instrument :
MSVOA_X
ClientSampleId :
TP-19-20

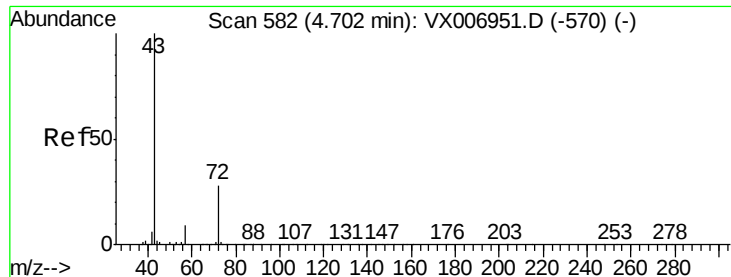
Tot Ion: 43 Resp: 16679
Ion Ratio Lower Upper
43 100
74 25.5 18.6 28.0



#20
Methylene Chloride
Concen: 141.158 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006996.D
Acq: 10 Jan 2019 18:00

Tgt Ion: 84 Resp: 849949
Ion Ratio Lower Upper
84 100
49 120.0 91.8 137.6
51 36.8 28.5 42.7
86 64.5 50.2 75.2





#25

2-Butanone

Concen: 3.019 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX006996.D

Acq: 10 Jan 2019 18:00

Instrument :

MSVOA_X

ClientSampled :

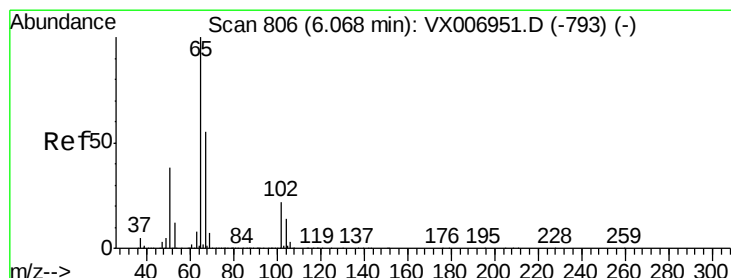
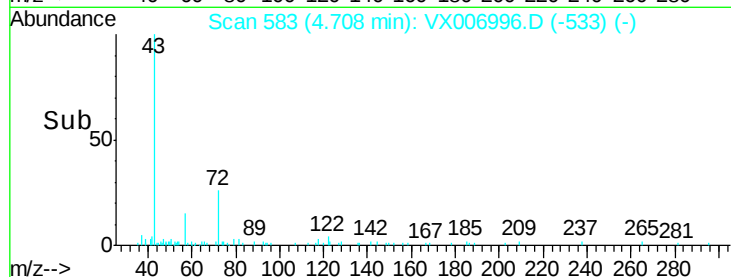
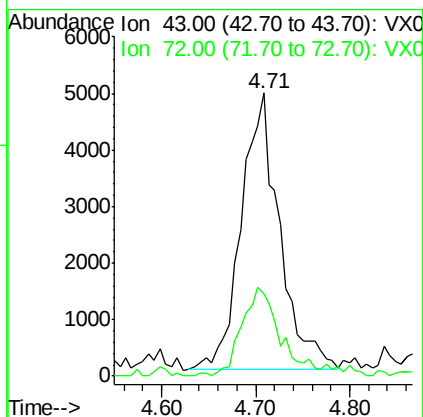
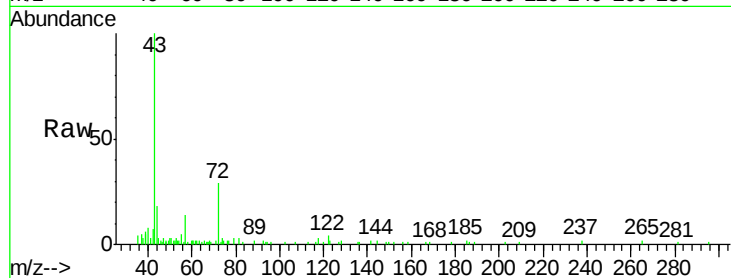
TP-19-20

Tot Ion: 43 Resp: 13774

Ion Ratio Lower Upper

43 100

72 30.0 22.4 33.6



#33

1,2-Dichloroethane-d4

Concen: 50.648 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006996.D

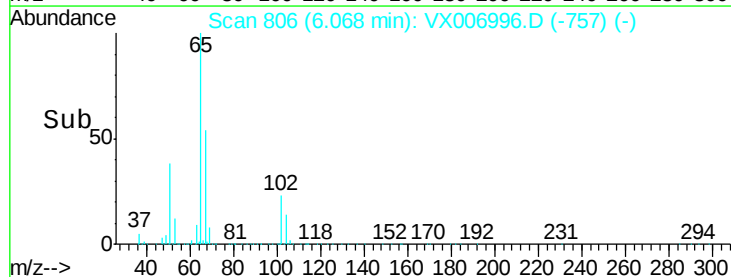
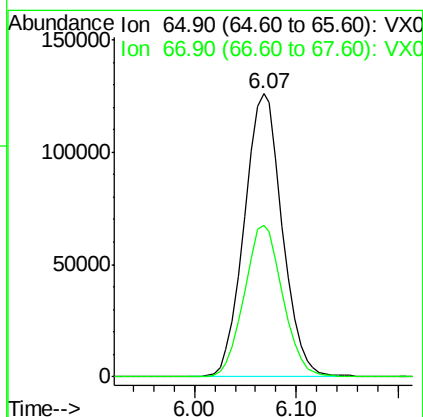
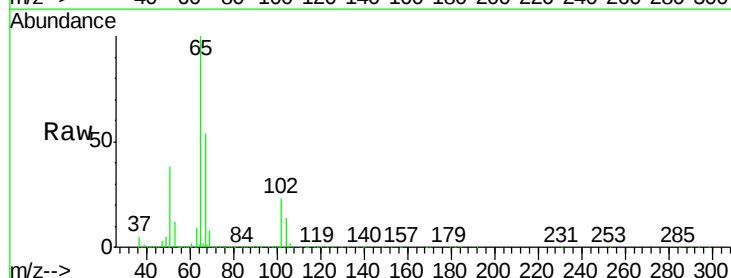
Acq: 10 Jan 2019 18:00

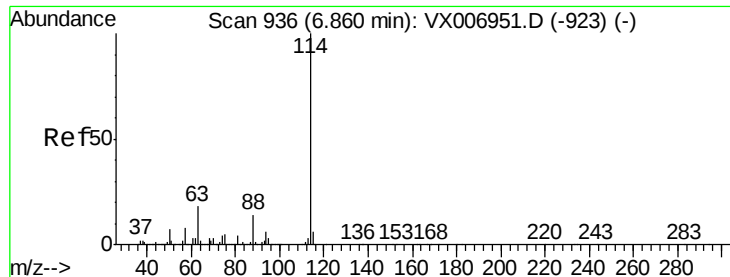
Tgt Ion: 65 Resp: 326715

Ion Ratio Lower Upper

65 100

67 54.3 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006996.D

Acq: 10 Jan 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

TP-19-20

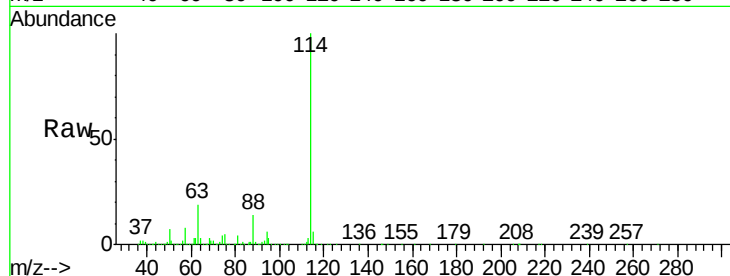
Tot Ion:114 Resp: 946638

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.8

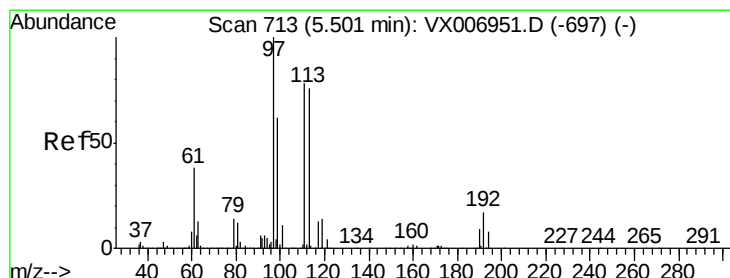
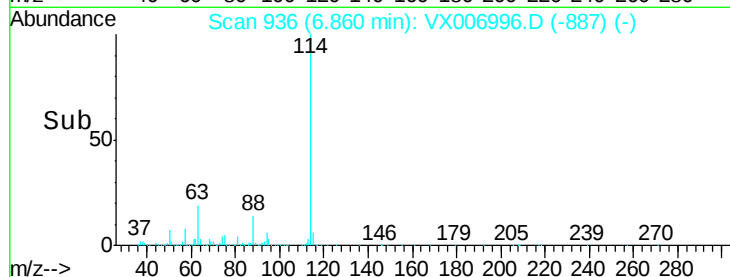
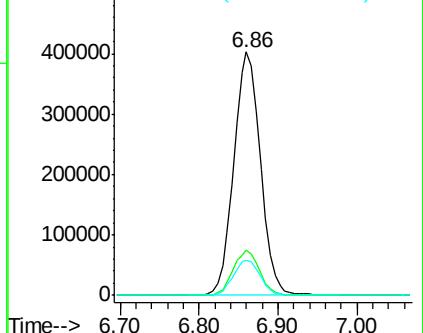
88 14.5 0.0 28.8



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: 47.497 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006996.D

Acq: 10 Jan 2019 18:00

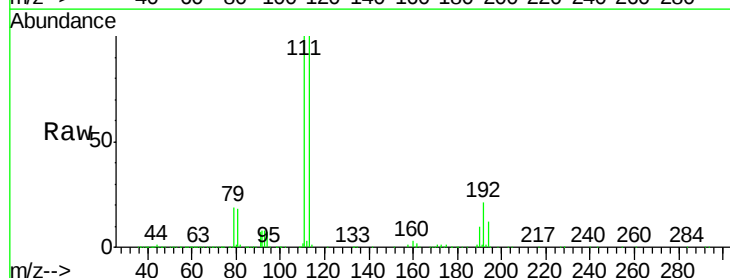
Tgt Ion:113 Resp: 287938

Ion Ratio Lower Upper

113 100

111 101.1 81.6 122.4

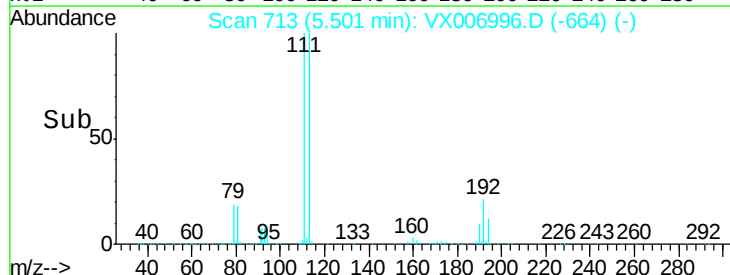
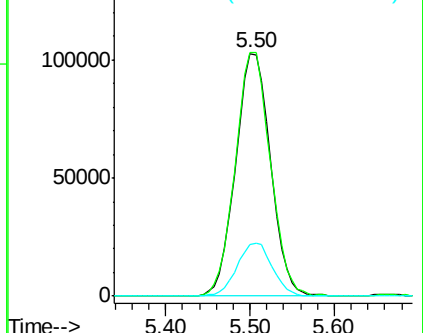
192 22.2 16.7 25.1

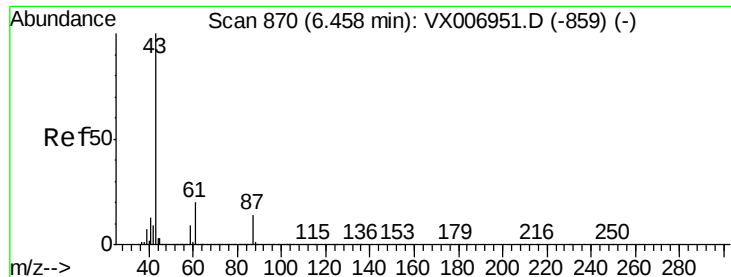


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.478 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006996.D

Acq: 10 Jan 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

TP-19-20

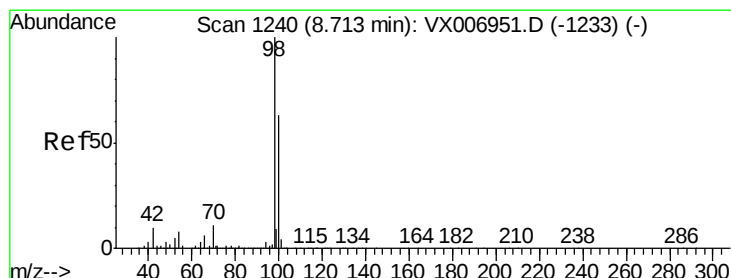
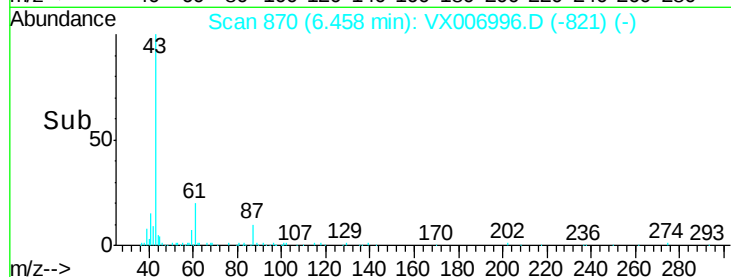
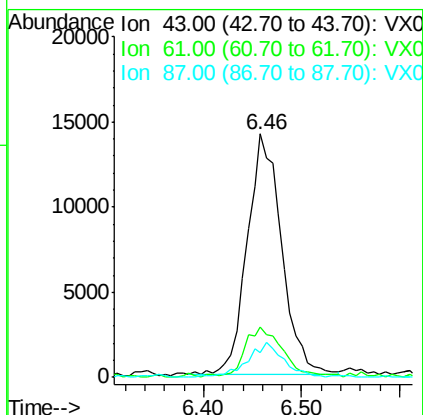
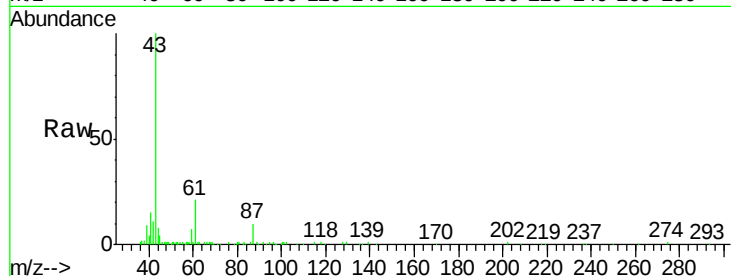
Tot Ion: 43 Resp: 34489

Ion Ratio Lower Upper

43 100

61 23.7 16.8 25.2

87 15.3 12.4 18.6



#50

Toluene-d8

Concen: 51.770 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006996.D

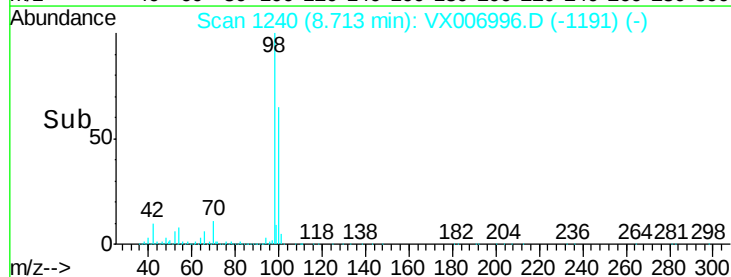
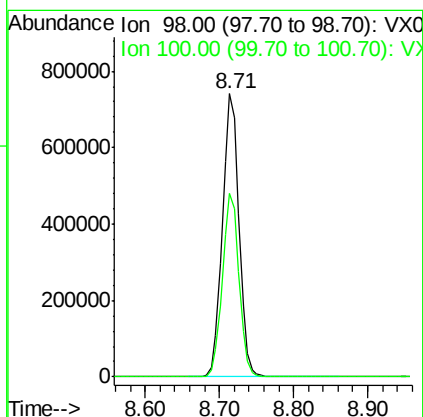
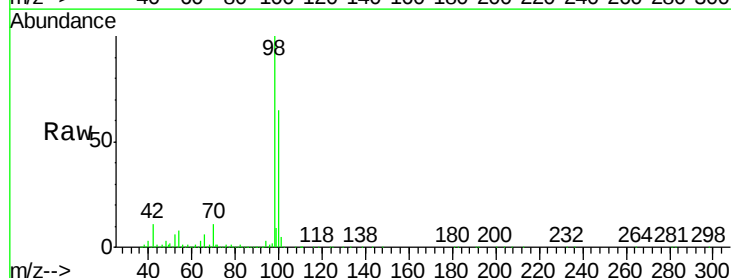
Acq: 10 Jan 2019 18:00

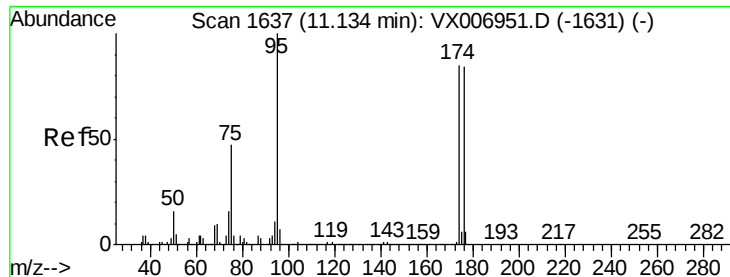
Tgt Ion: 98 Resp: 1148751

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 52.939 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006996.D

Acq: 10 Jan 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

TP-19-20

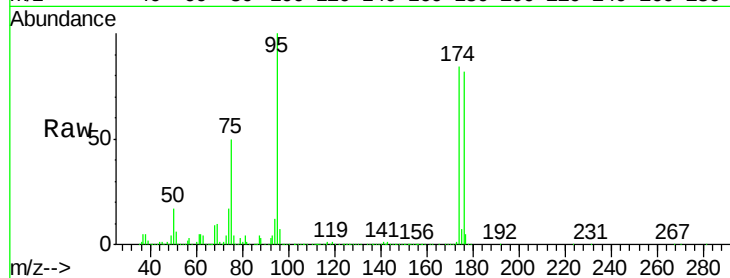
Tot Ion: 95 Resp: 409525

Ion Ratio Lower Upper

95 100

174 91.6 0.0 182.2

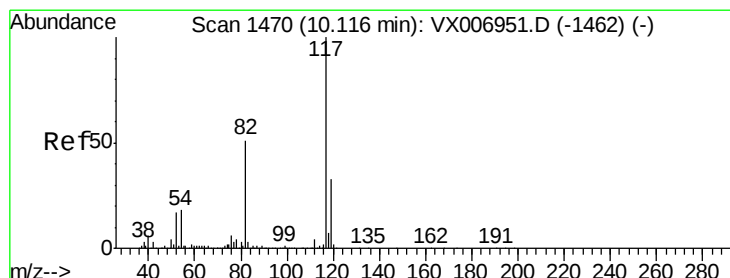
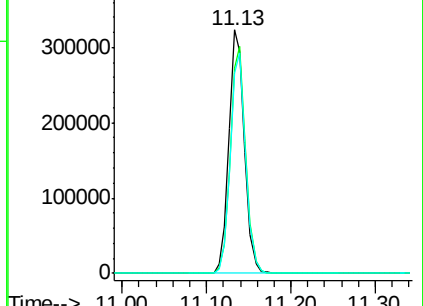
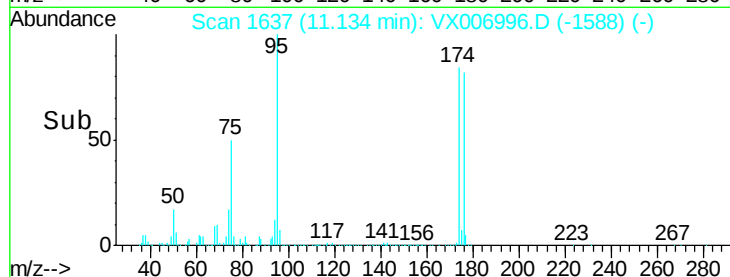
176 89.0 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006996.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX006996.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX006996.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006996.D

Acq: 10 Jan 2019 18:00

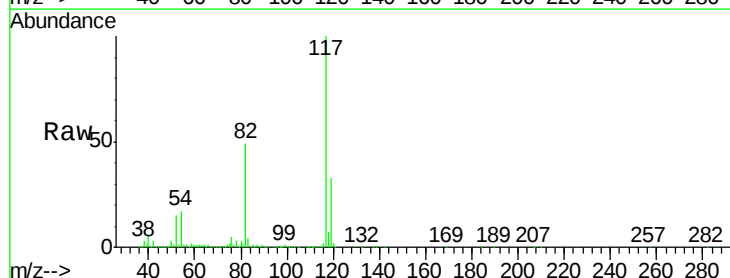
Tgt Ion: 117 Resp: 901411

Ion Ratio Lower Upper

117 100

82 49.0 41.0 61.6

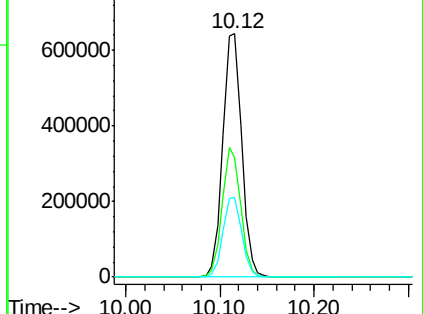
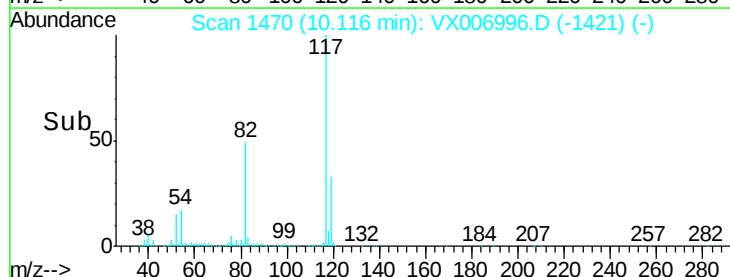
119 32.6 25.4 38.0

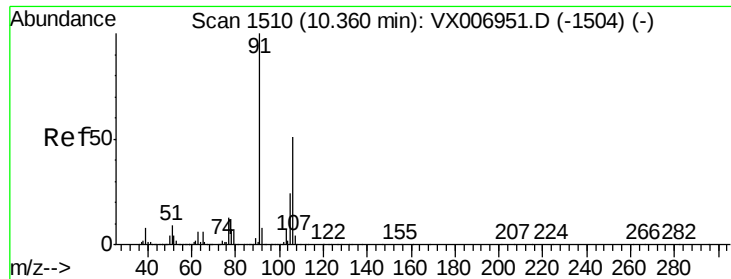


Abundance Ion 116.90 (116.60 to 117.60): VX006996.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006996.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006996.D (-1421) (-)





#68

m/p-Xvlenes

Concen: 1.116 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006996.D

Acq: 10 Jan 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

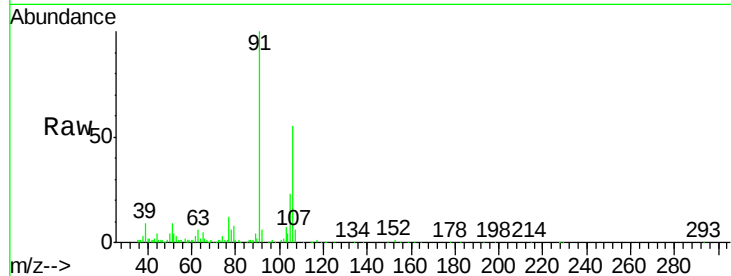
TP-19-20

Tot Ion:106 Resp: 14266

Ion Ratio Lower Upper

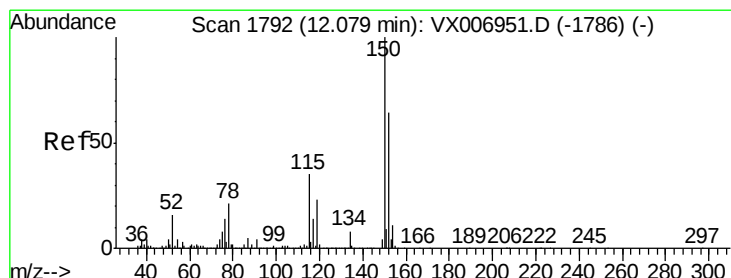
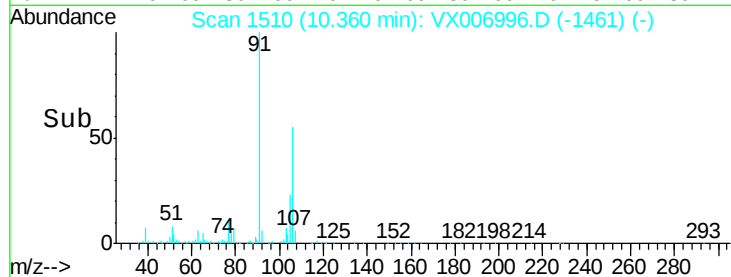
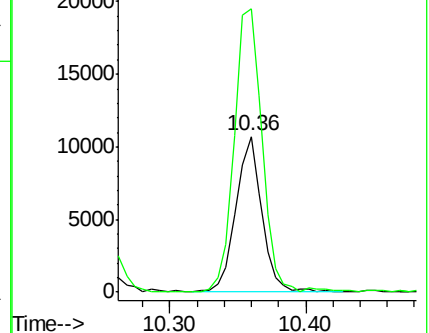
106 100

91 193.0 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006996.D

Acq: 10 Jan 2019 18:00

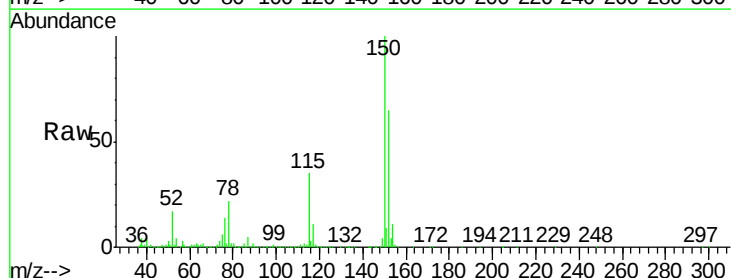
Tgt Ion:152 Resp: 439740

Ion Ratio Lower Upper

152 100

115 54.1 39.1 117.2

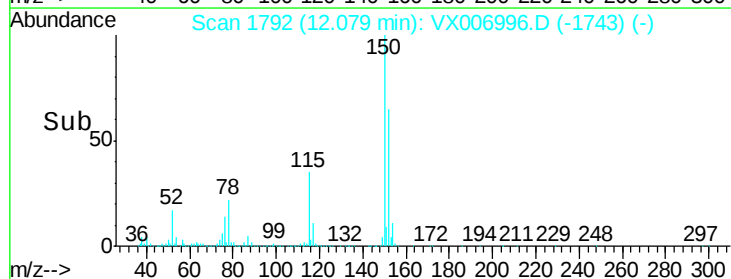
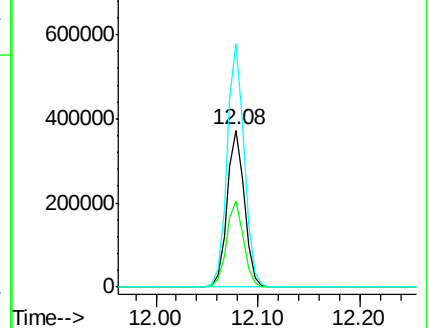
150 153.8 0.0 344.8

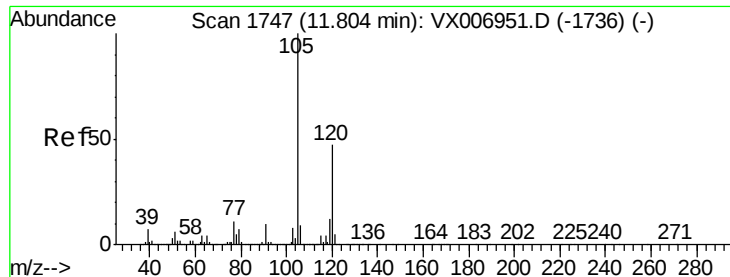


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.771 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006996.D

Acq: 10 Jan 2019 18:00

Instrument :

MSVOA_X

ClientSampled :

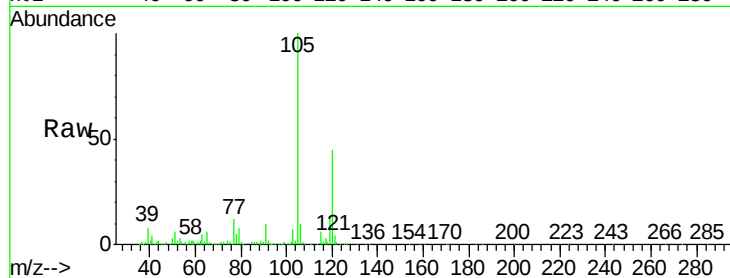
TP-19-20

Tot Ion:105 Resp: 46134

Ion Ratio Lower Upper

105 100

120 46.5 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.80

40000

30000

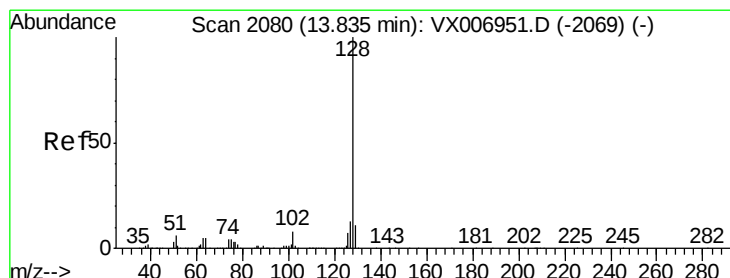
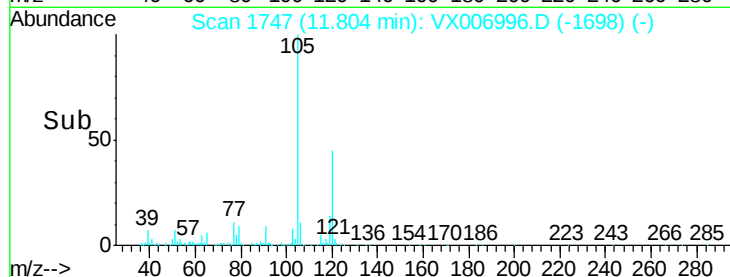
20000

10000

0

Time-->

11.75 11.80 11.85 11.90



#95

Naphthalene

Concen: 1.590 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006996.D

Acq: 10 Jan 2019 18:00

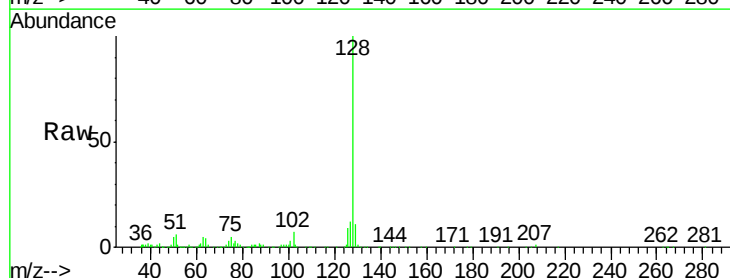
Tgt Ion:128 Resp: 50386

Ion Ratio Lower Upper

128 100

127 13.6 10.1 15.1

129 12.1 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

13.83

50000

40000

30000

20000

10000

0

Time-->

13.80 13.85 13.90

