

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\
 Data File : VX006433.D
 Acq On : 11 Dec 2018 20:51
 Operator : JC/MD
 Sample : J6331-36
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6

Quant Time: Dec 12 09:30:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

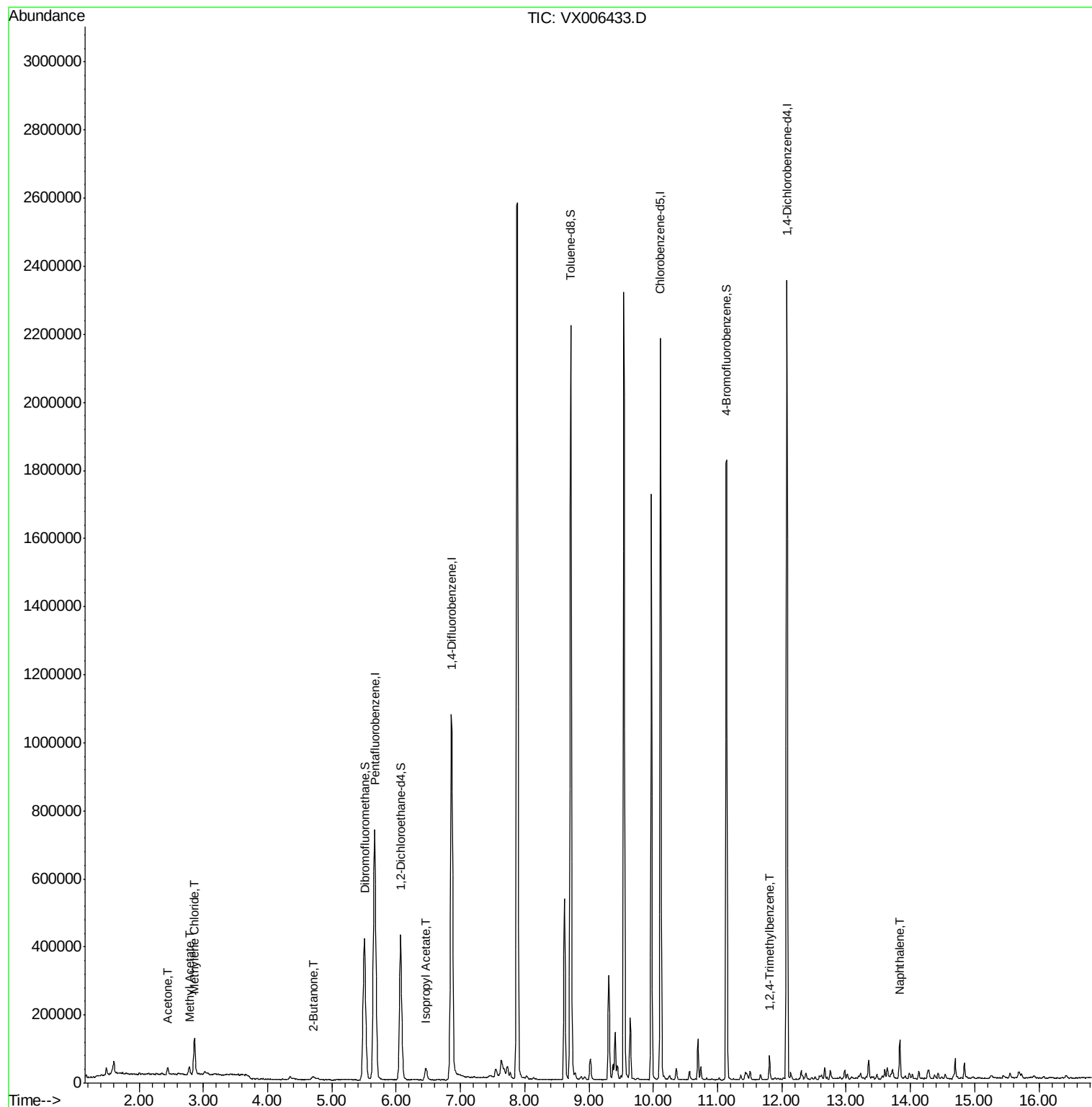
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	767769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1175668	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1067496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	522155	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	386735	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
35) Dibromofluoromethane	5.51	113	359214	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
50) Toluene-d8	8.71	98	1380242	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.13	95	499935	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
Target Compounds						
16) Acetone	2.45	43	21148	5.750	ug/l	97
18) Methyl Acetate	2.78	43	29407	2.391	ug/l	98
20) Methylene Chloride	2.86	84	49856	6.369	ug/l	93
25) 2-Butanone	4.70	43	17863	3.404	ug/l	95
43) Isopropyl Acetate	6.46	43	45653	2.470	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	30448	0.983	ug/l	99
95) Naphthalene	13.83	128	75020	1.871	ug/l	100

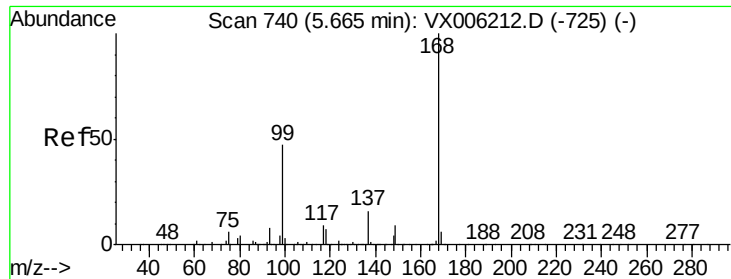
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121118\
Data File : VX006433.D
Acq On : 11 Dec 2018 20:51
Operator : JC/MD
Sample : J6331-36
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-6

Quant Time: Dec 12 09:30:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
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: VX006433.D

Acq: 11 Dec 2018 20:51

Instrument :

MSVOA_X

ClientSampleId :

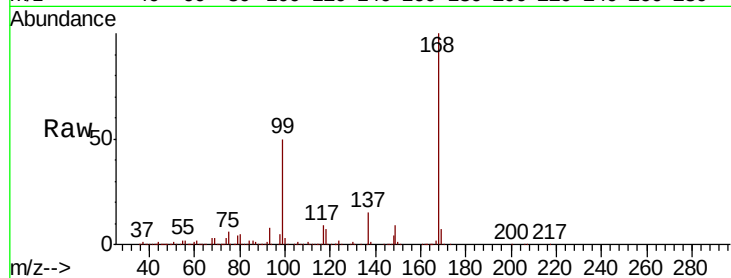
TP-6

Tot Ion:168 Resp: 767769

Ion Ratio Lower Upper

168 100

99 49.8 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

300000

250000

200000

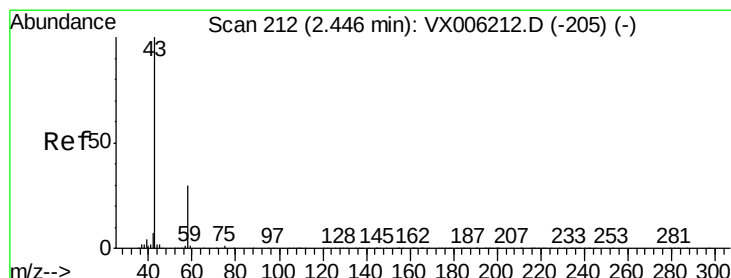
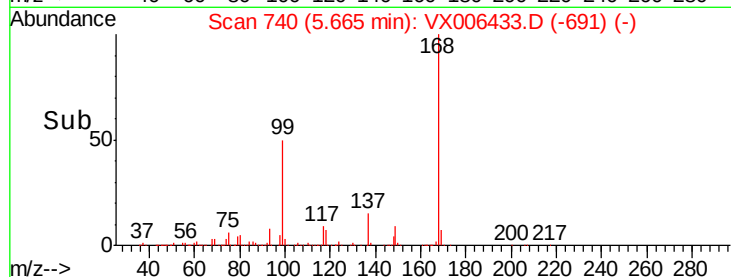
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.750 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006433.D

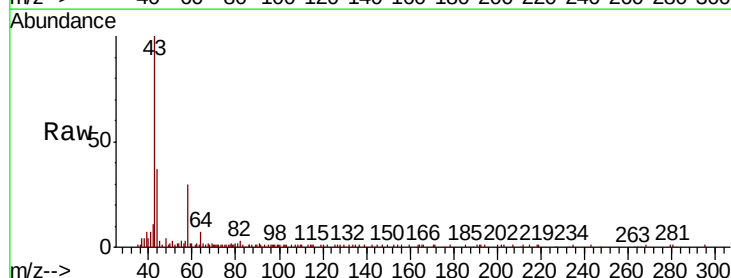
Acq: 11 Dec 2018 20:51

Tgt Ion: 43 Resp: 21148

Ion Ratio Lower Upper

43 100

58 28.4 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

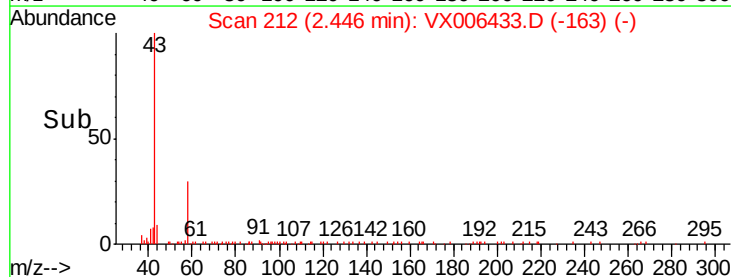
15000

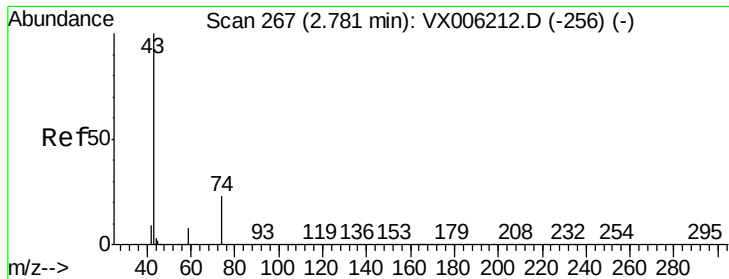
10000

5000

0

Time--> 2.35 2.40 2.45 2.50

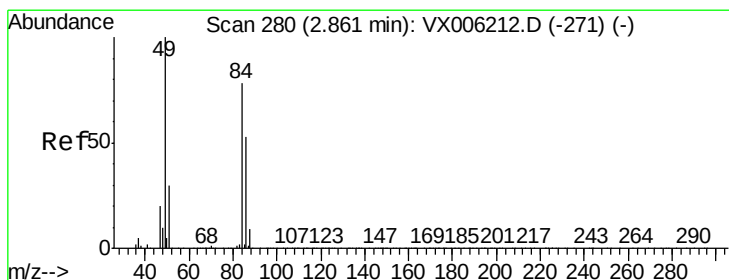
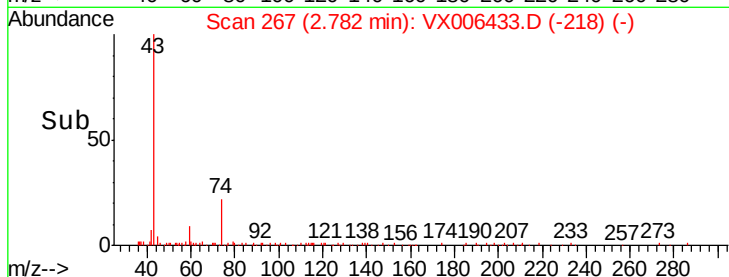
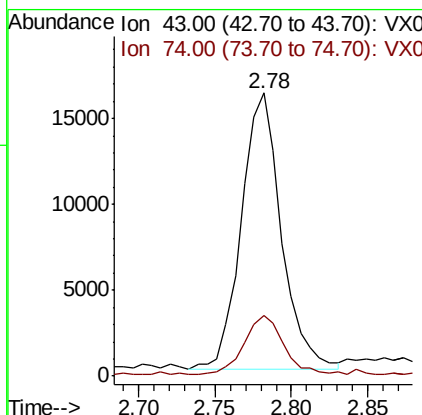
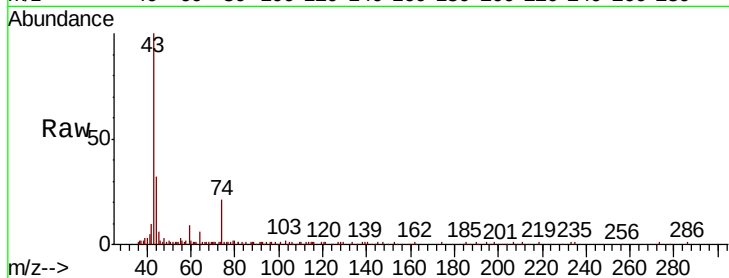




#18
Methyl Acetate
Concen: 2.391 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006433.D
Acq: 11 Dec 2018 20:51

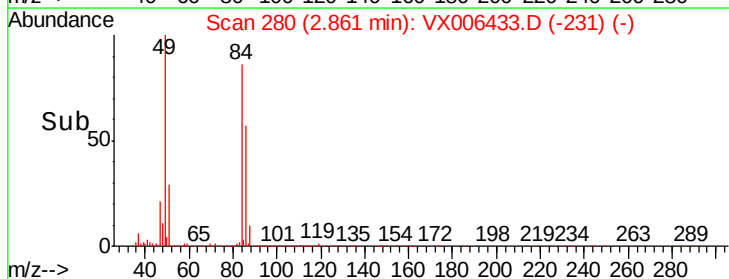
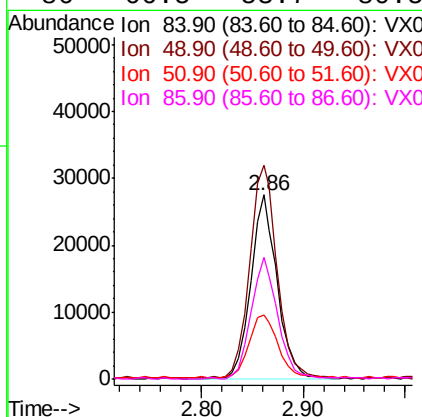
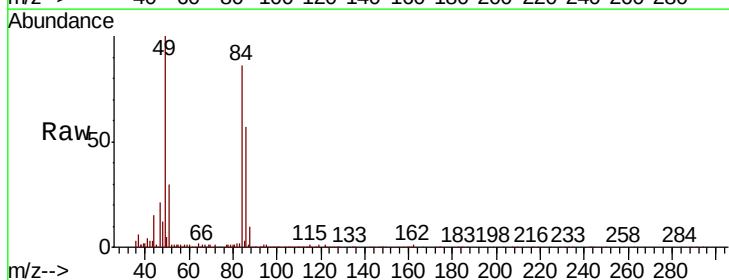
Instrument :
MSVOA_X
ClientSampled :
TP-6

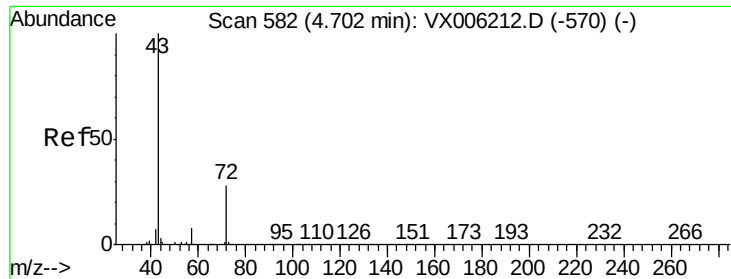
Tot Ion: 43 Resp: 29407
Ion Ratio Lower Upper
43 100
74 21.2 17.9 26.9



#20
Methylene Chloride
Concen: 6.369 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006433.D
Acq: 11 Dec 2018 20:51

Tgt Ion: 84 Resp: 49856
Ion Ratio Lower Upper
84 100
49 116.2 102.2 153.4
51 34.2 31.1 46.7
86 66.5 53.7 80.5

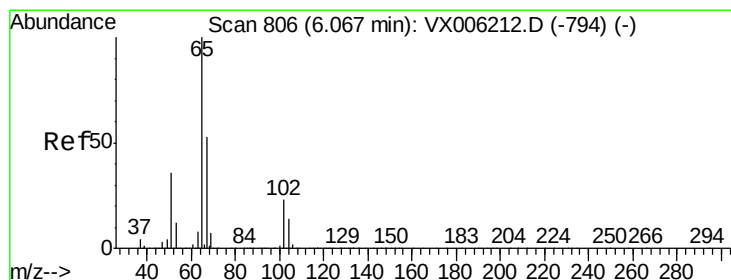
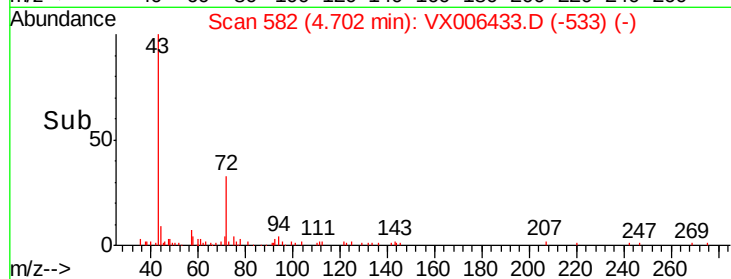
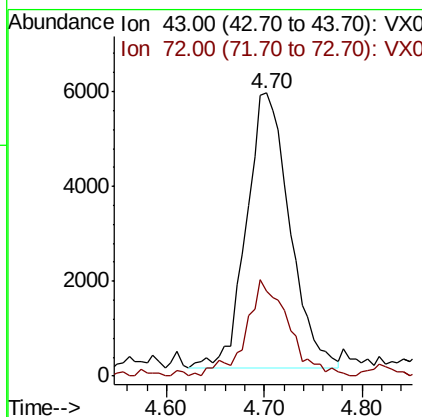
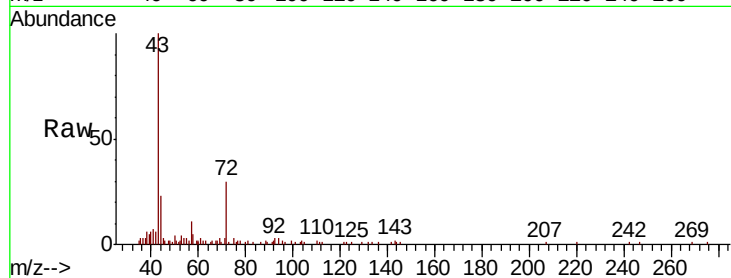




#25
2-Butanone
Concen: 3.404 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX006433.D
Acq: 11 Dec 2018 20:51

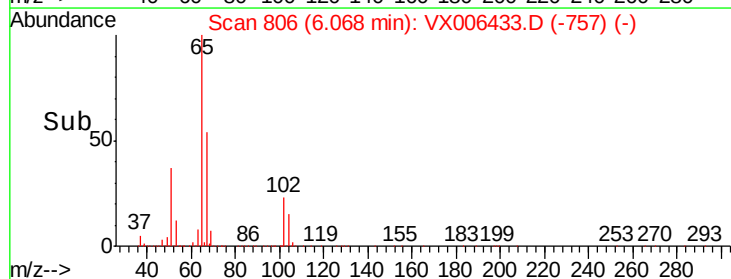
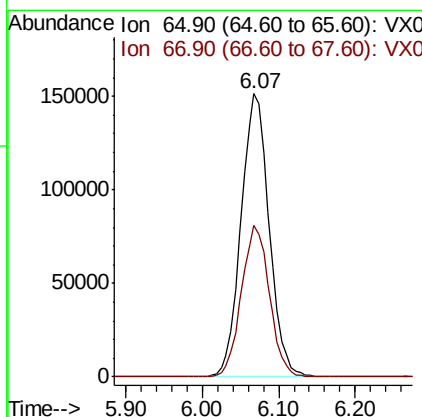
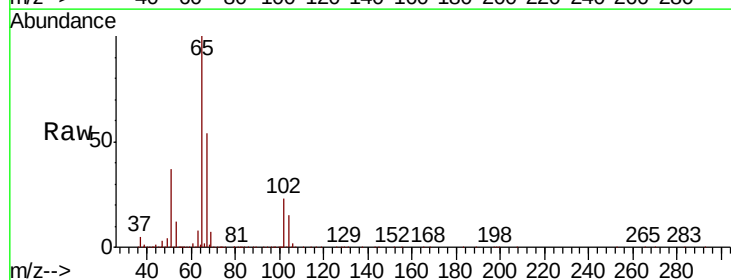
Instrument :
MSVOA_X
ClientSampled :
TP-6

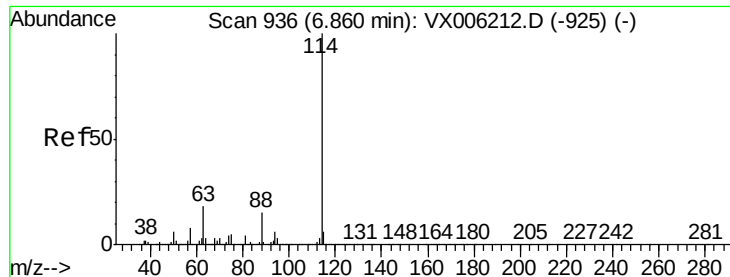
Tot Ion: 43 Resp: 17863
Ion Ratio Lower Upper
43 100
72 30.7 22.6 33.8



#33
1,2-Dichloroethane-d4
Concen: 49.343 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006433.D
Acq: 11 Dec 2018 20:51

Tgt Ion: 65 Resp: 386735
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.2

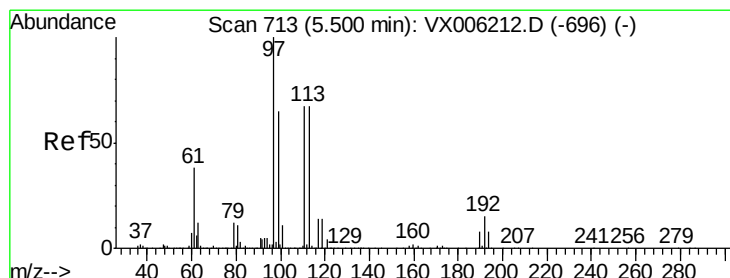
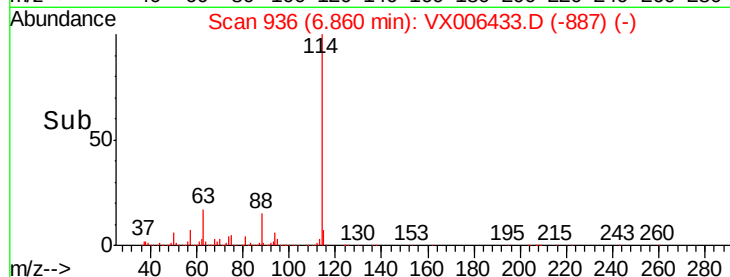
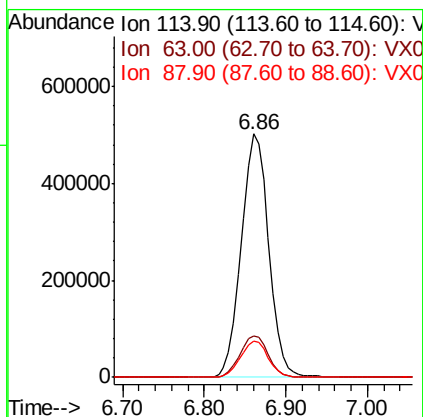
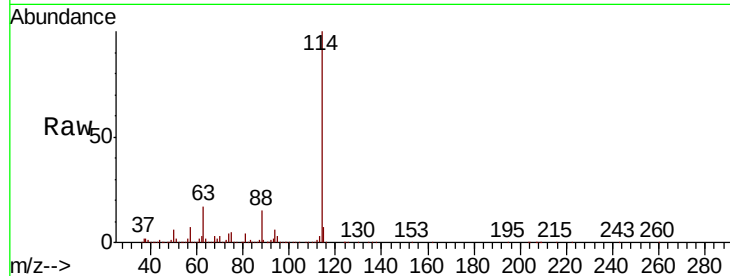




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006433.D
Acq: 11 Dec 2018 20:51

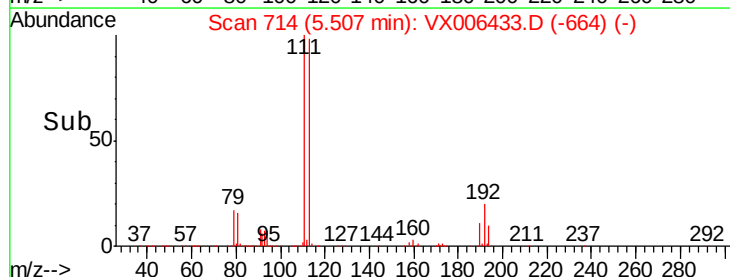
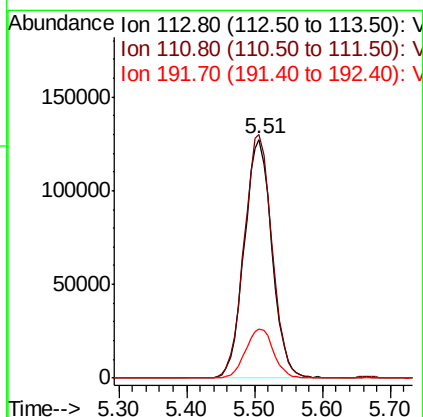
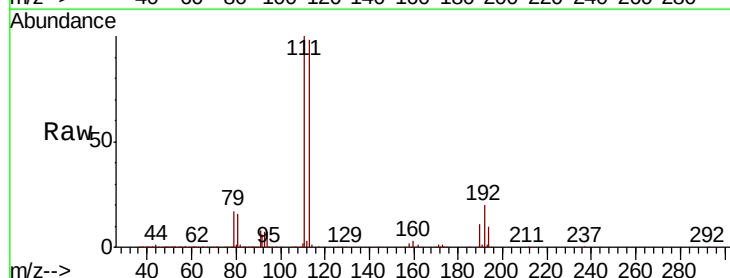
Instrument :
MSVOA_X
ClientSampleId :
TP-6

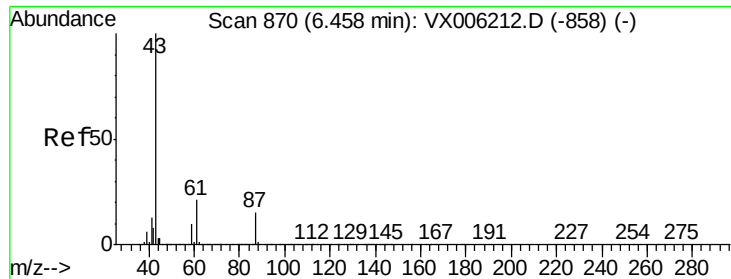
Tot Ion:114 Resp: 1175668
Ion Ratio Lower Upper
114 100
63 17.2 0.0 36.6
88 15.1 0.0 29.0



#35
Dibromofluoromethane
Concen: 47.191 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006433.D
Acq: 11 Dec 2018 20:51

Tgt Ion:113 Resp: 359214
Ion Ratio Lower Upper
113 100
111 103.0 81.1 121.7
192 20.9 18.2 27.2





#43

Isopropyl Acetate

Concen: 2.470 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006433.D

Acq: 11 Dec 2018 20:51

Instrument :

MSVOA_X

ClientSampleId :

TP-6

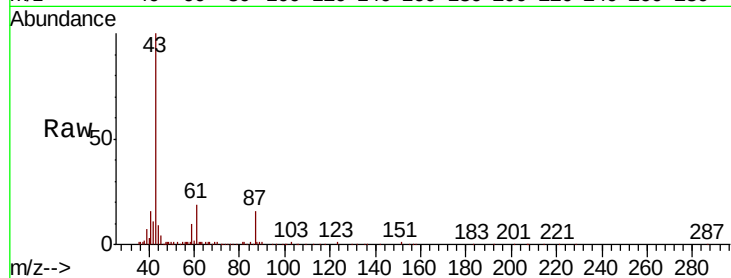
Tot Ion: 43 Resp: 45653

Ion Ratio Lower Upper

43 100

61 22.1 16.8 25.2

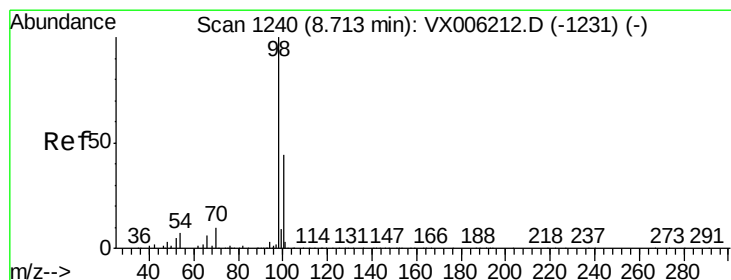
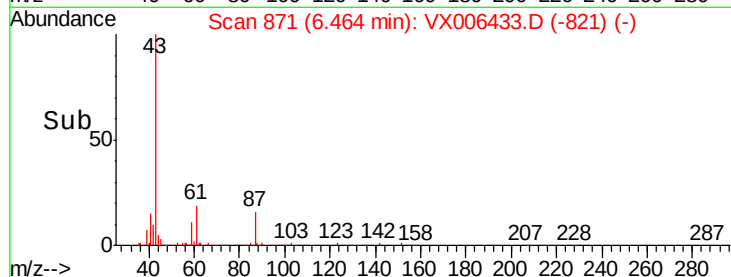
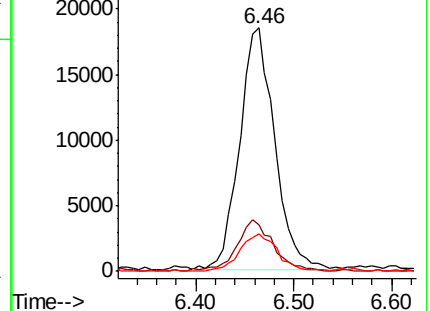
87 16.9 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 49.850 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006433.D

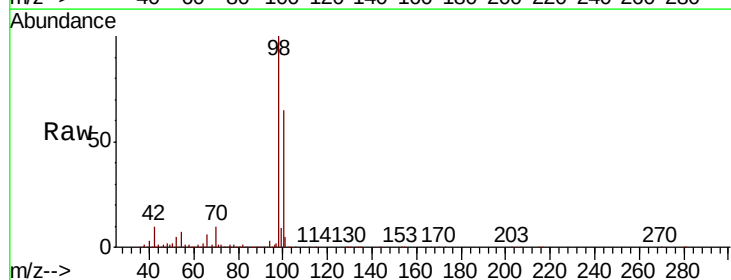
Acq: 11 Dec 2018 20:51

Tgt Ion: 98 Resp: 1380242

Ion Ratio Lower Upper

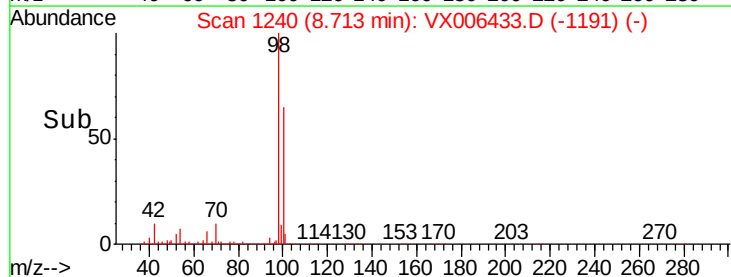
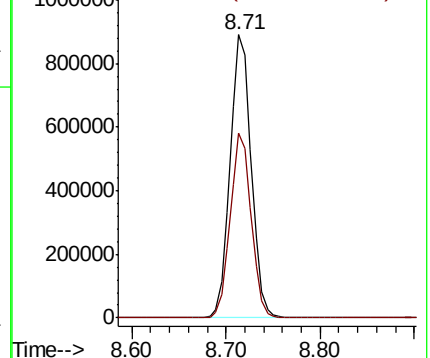
98 100

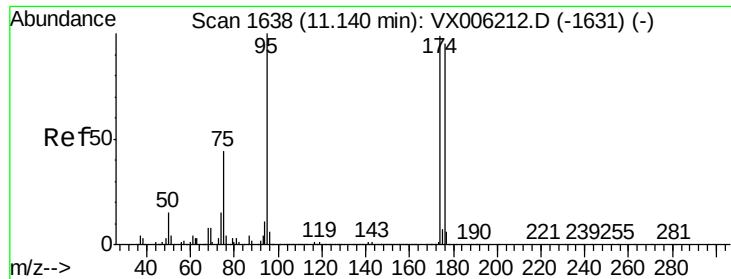
100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.916 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006433.D

Acq: 11 Dec 2018 20:51

Instrument :

MSVOA_X

ClientSampled :

TP-6

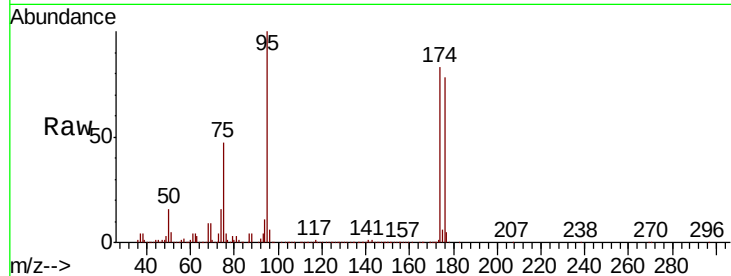
Tot Ion: 95 Resp: 499935

Ion Ratio Lower Upper

95 100

174 90.7 0.0 187.0

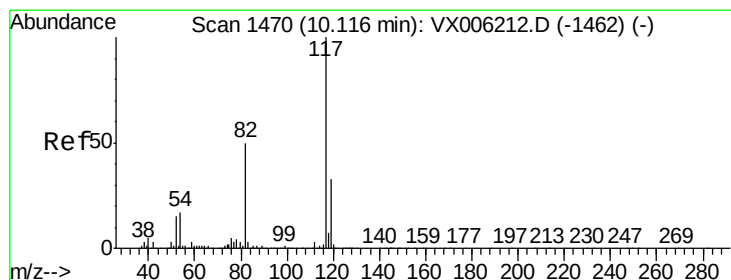
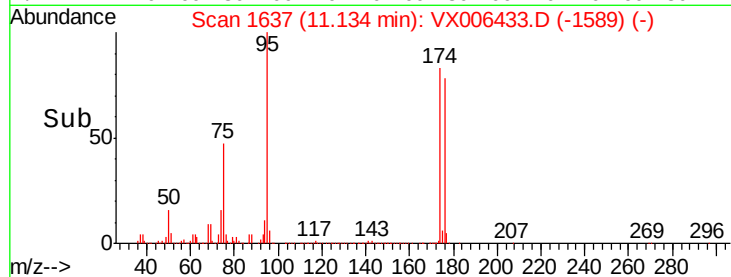
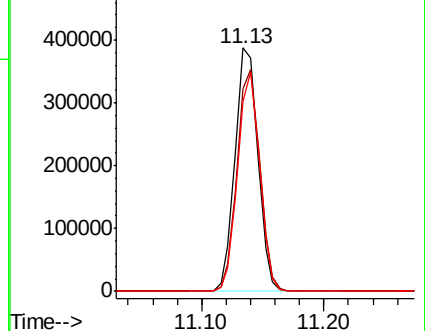
176 86.8 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006212.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006212.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006212.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006433.D

Acq: 11 Dec 2018 20:51

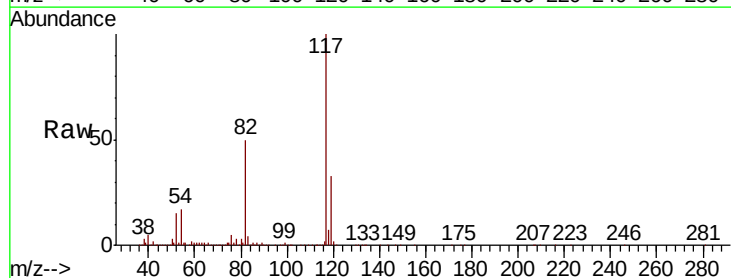
Tgt Ion: 117 Resp: 1067496

Ion Ratio Lower Upper

117 100

82 49.9 39.6 59.4

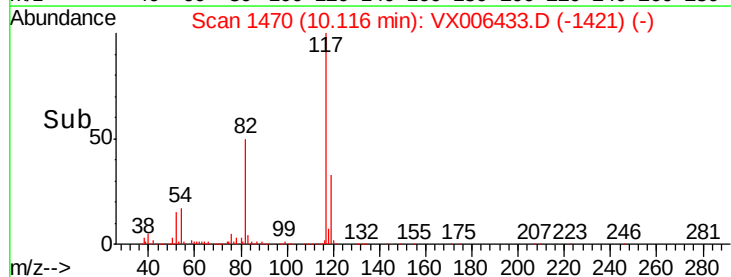
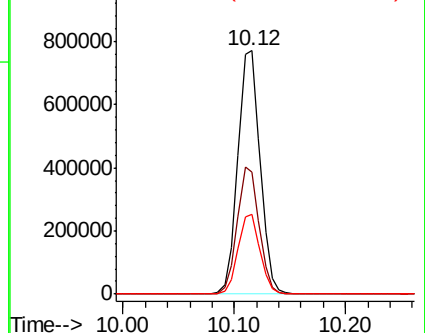
119 32.7 26.3 39.5

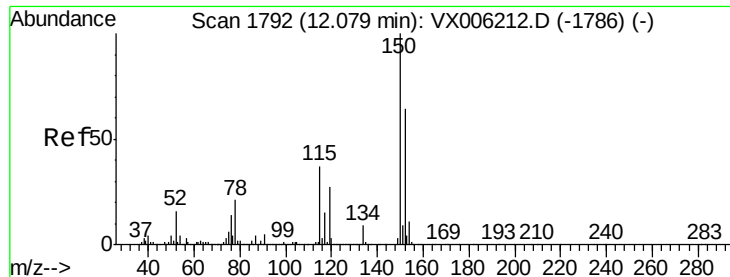


Abundance Ion 116.90 (116.60 to 117.60): VX006212.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006212.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006212.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006433.D

Acq: 11 Dec 2018 20:51

Instrument :

MSVOA_X

ClientSampleId :

TP-6

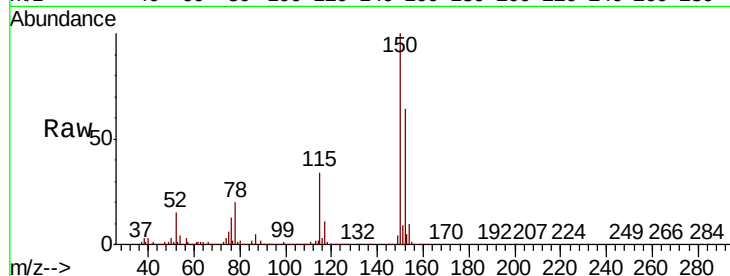
Tot Ion:152 Resp: 522155

Ion Ratio Lower Upper

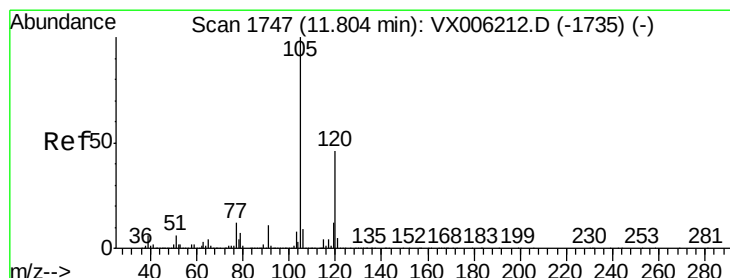
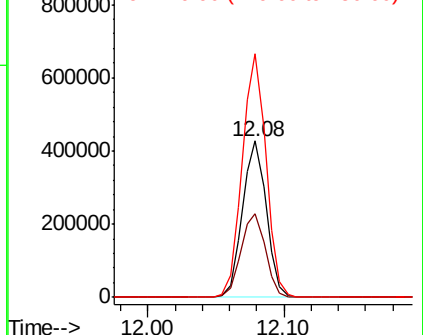
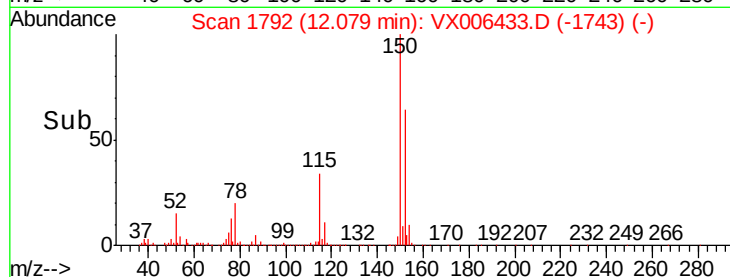
152 100

115 54.7 39.0 116.9

150 155.9 0.0 345.8



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: 0.983 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006433.D

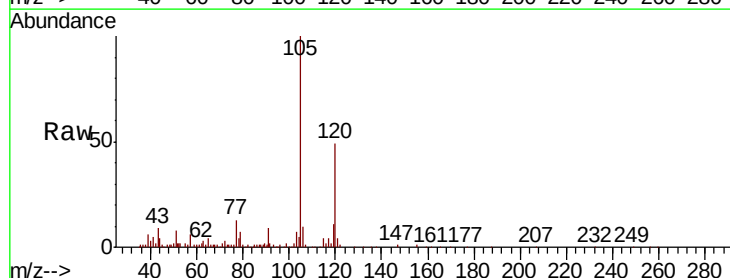
Acq: 11 Dec 2018 20:51

Tgt Ion:105 Resp: 30448

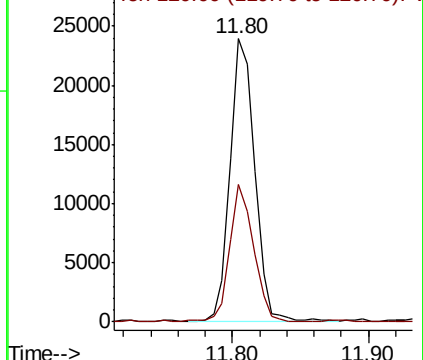
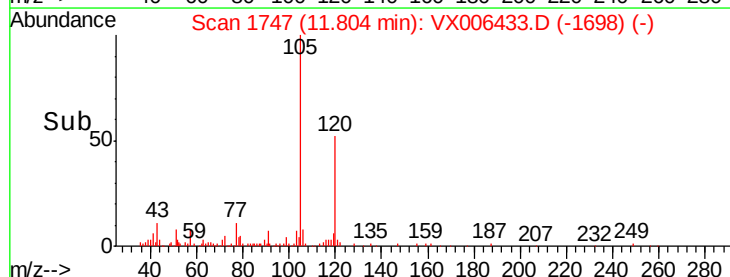
Ion Ratio Lower Upper

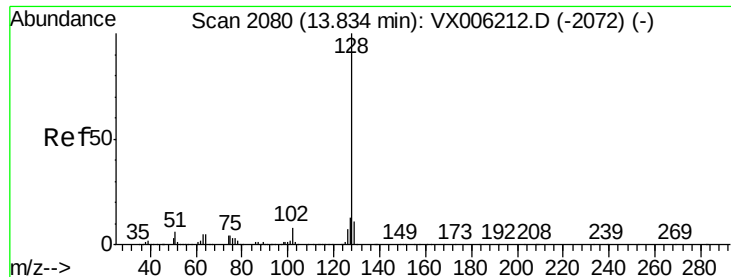
105 100

120 47.1 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

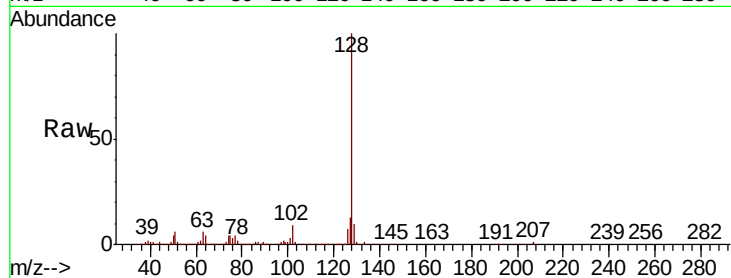




#95
 Naphthalene
 Concen: 1.871 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX006433.D
 Acq: 11 Dec 2018 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.3	8.9	13.3



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

