

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
 Data File : VX006200.D
 Acq On : 27 Nov 2018 03:11
 Operator : JC/MD
 Sample : J5774-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-03-112118-B

Quant Time: Nov 27 04:54:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

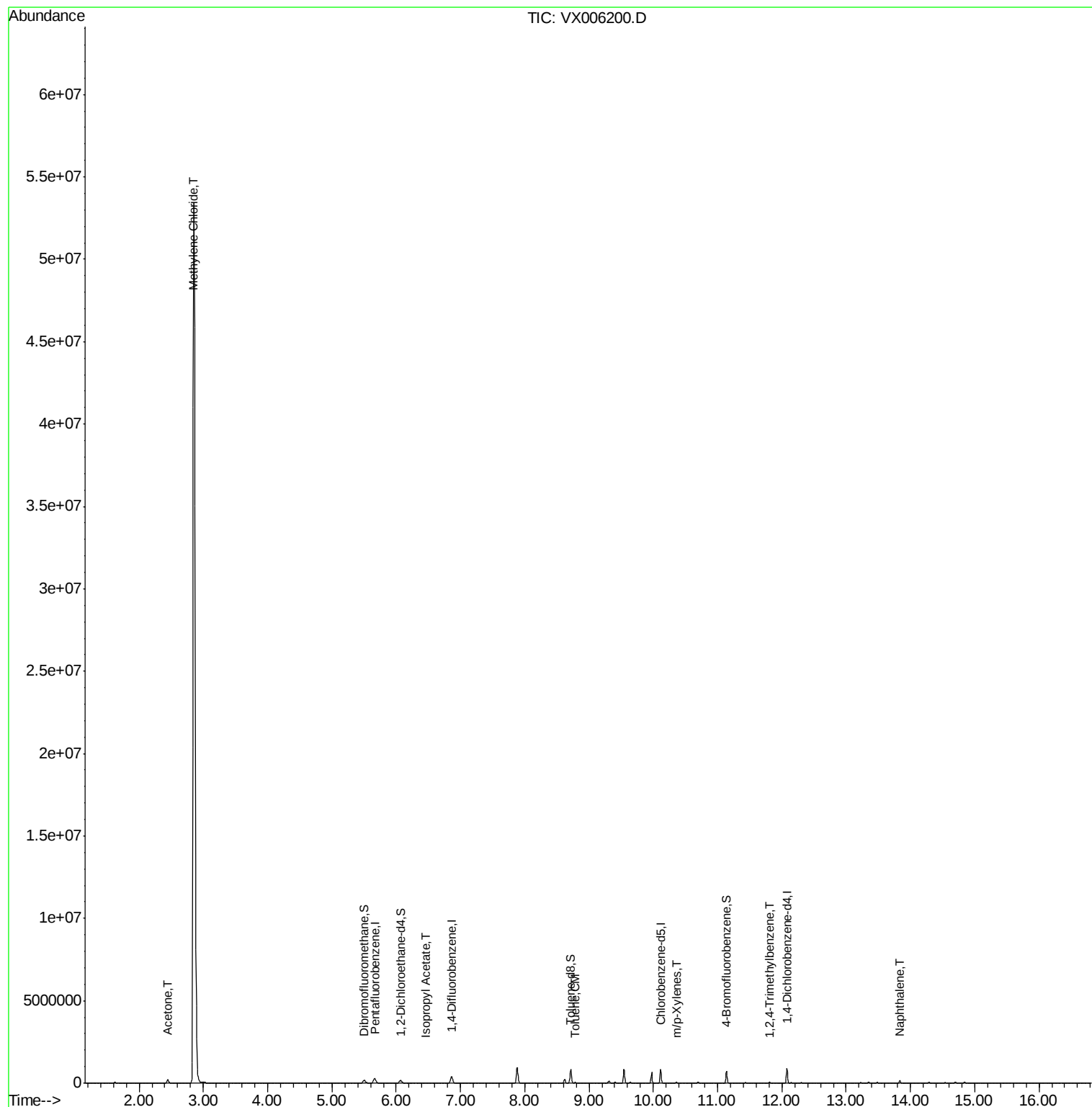
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	261016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	392757	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	383935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181315	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	167130	55.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.52%	
35) Dibromofluoromethane	5.51	113	133270	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
50) Toluene-d8	8.71	98	506099	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	11.14	95	168676	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
Target Compounds						
16) Acetone	2.45	43	210861	157.11	ug/l	97
20) Methylene Chloride	2.84	84	22236436	11022.74	ug/l #	74
43) Isopropyl Acetate	6.46	43	14096	2.12	ug/l #	91
52) Toluene	8.79	92	10049	1.54	ug/l	97
68) m/p-Xylenes	10.36	106	9864	1.96	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	24361	2.58	ug/l	98
95) Naphthalene	13.83	128	96785	8.07	ug/l	99

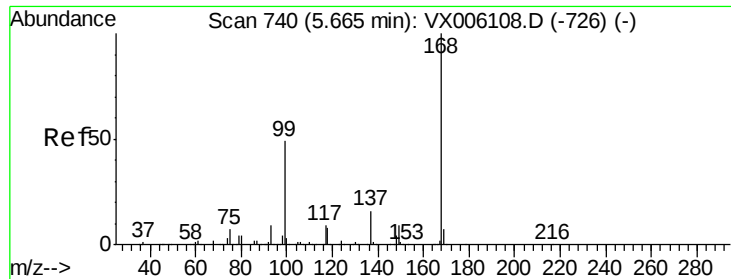
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

Instrument :

MSVOA_X

ClientSampled :

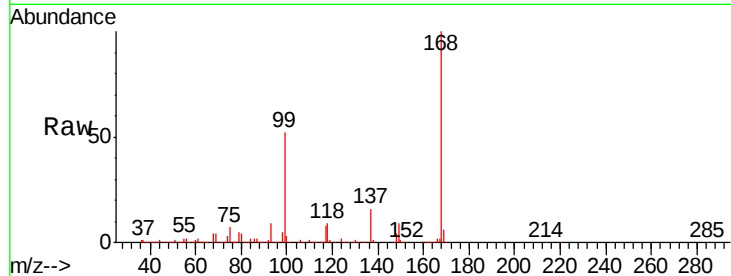
SU-03-112118-B

Tgt Ion:168 Resp: 261016

Ion Ratio Lower Upper

168 100

99 51.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

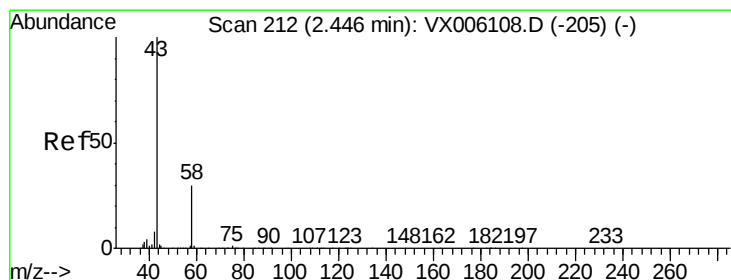
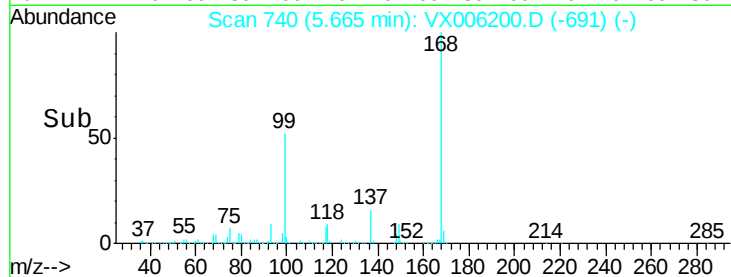
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 157.11 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006200.D

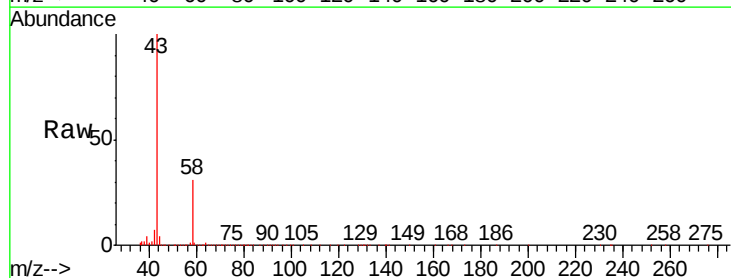
Acq: 27 Nov 2018 03:11

Tgt Ion: 43 Resp: 210861

Ion Ratio Lower Upper

43 100

58 31.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

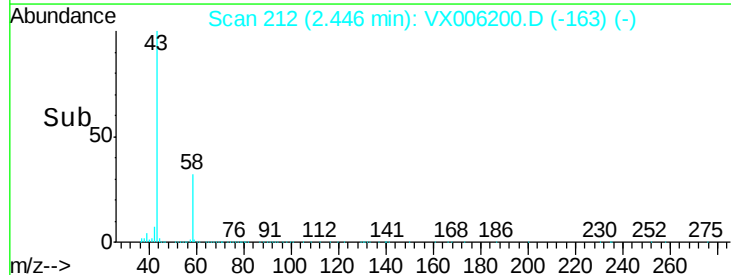
2.45

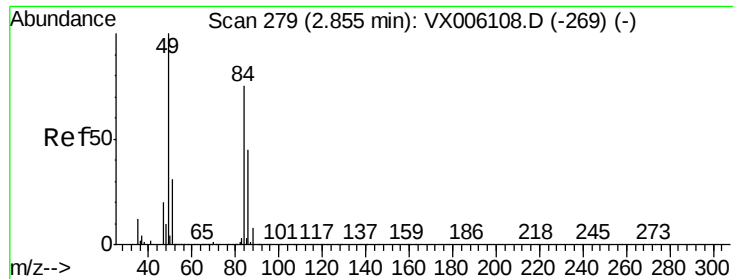
100000

50000

0

Time--> 2.30 2.40 2.50 2.60

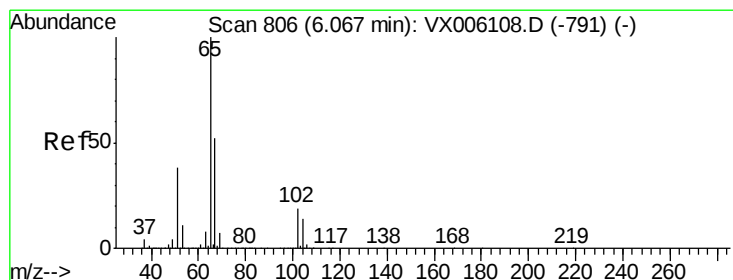
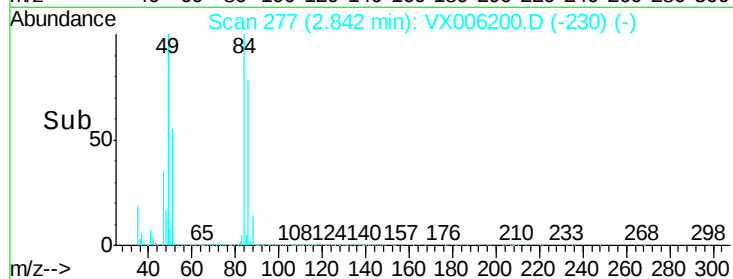
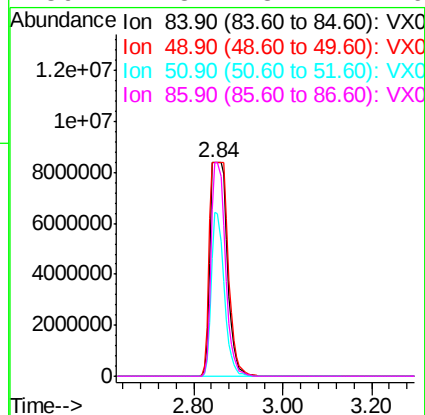
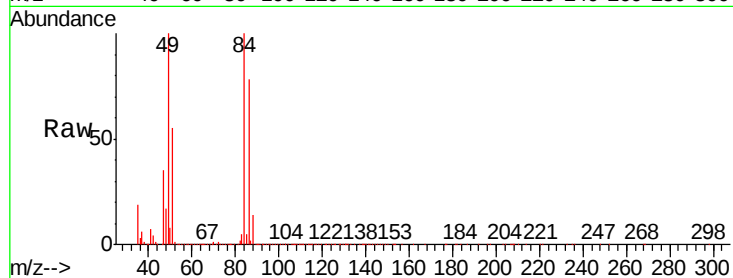




#20
Methylene Chloride
Concen: 11022.74 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX006200.D
Acq: 27 Nov 2018 03:11

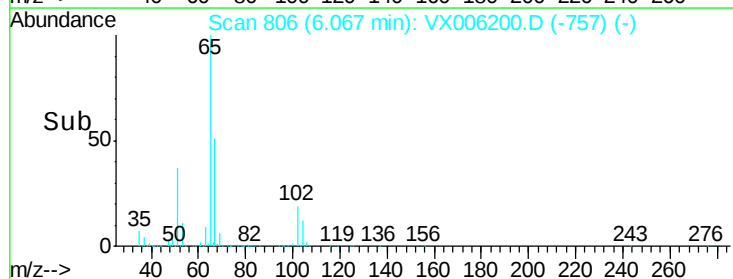
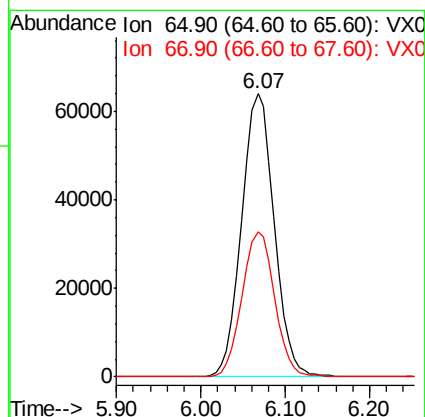
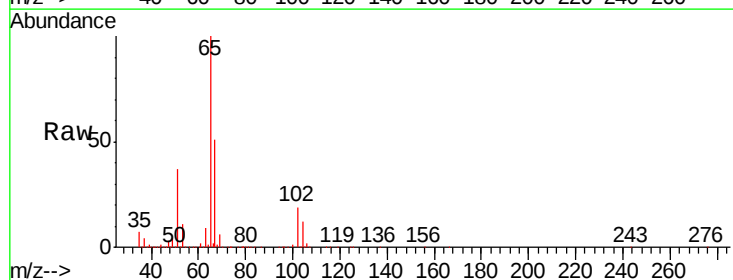
Instrument :
MSVOA_X
ClientSampleId :
SU-03-112118-B

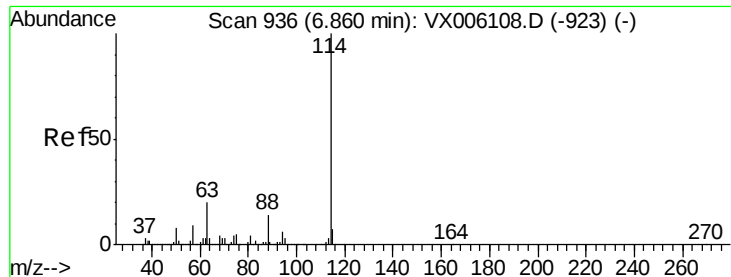
Tgt Ion: 84 Resp:22236436
Ion Ratio Lower Upper
84 100
49 100.0 106.6 159.8#
51 55.4 32.6 49.0#
86 77.8 48.4 72.6#



#33
1,2-Dichloroethane-d4
Concen: 55.26 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006200.D
Acq: 27 Nov 2018 03:11

Tgt Ion: 65 Resp: 167130
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

SU-03-112118-B

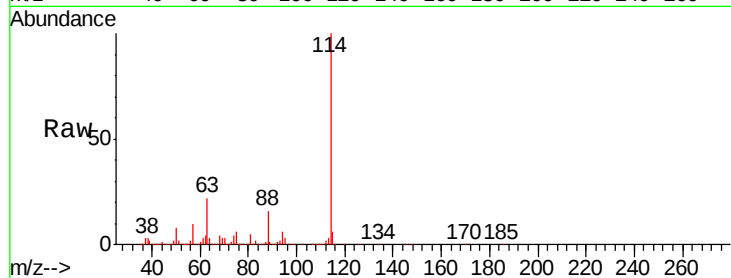
Tgt Ion:114 Resp: 392757

Ion Ratio Lower Upper

114 100

63 21.5 0.0 39.2

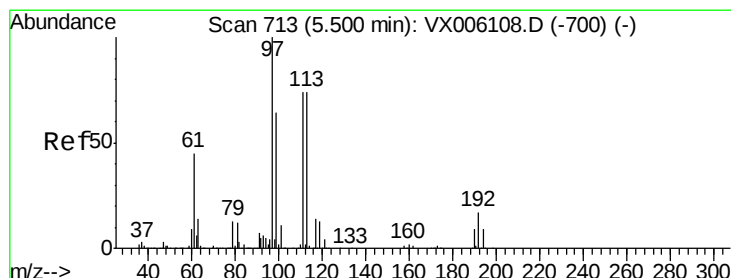
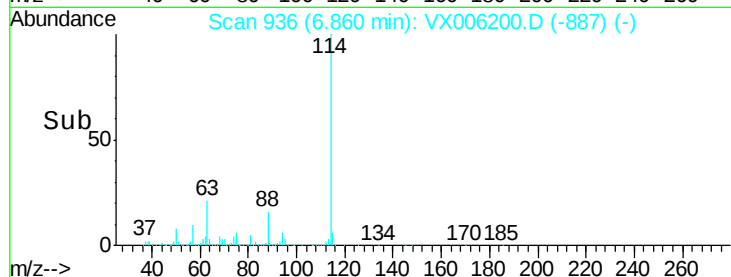
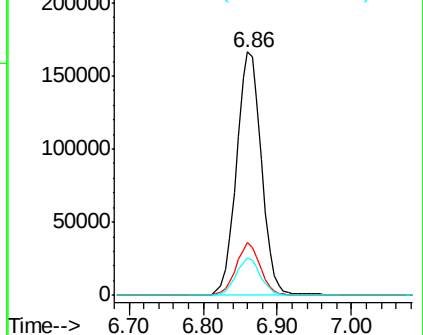
88 15.6 0.0 28.6



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: 52.86 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

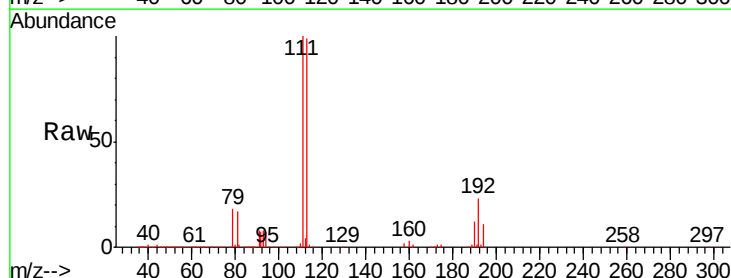
Tgt Ion:113 Resp: 133270

Ion Ratio Lower Upper

113 100

111 102.6 81.5 122.3

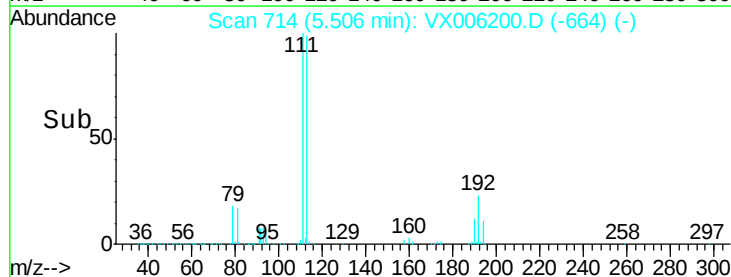
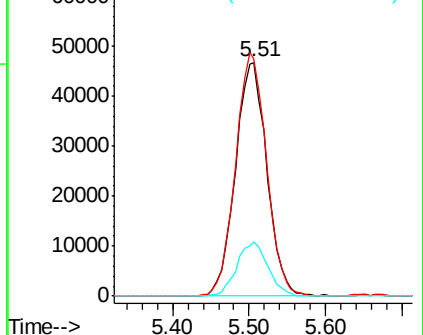
192 23.0 18.6 28.0

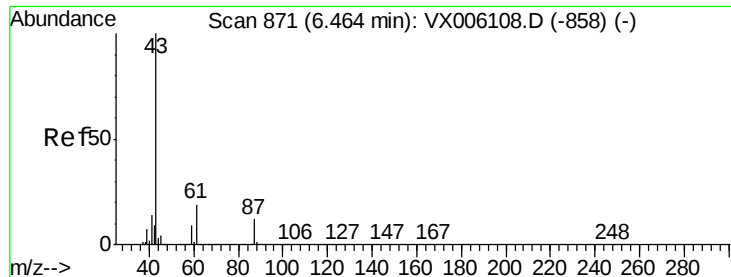


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.12 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

SU-03-112118-B

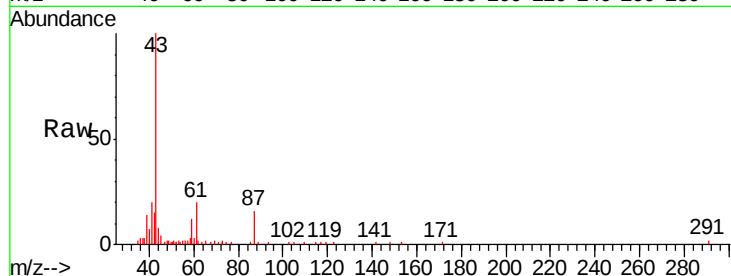
Tgt Ion: 43 Resp: 14096

Ion Ratio Lower Upper

43 100

61 22.7 15.2 22.8

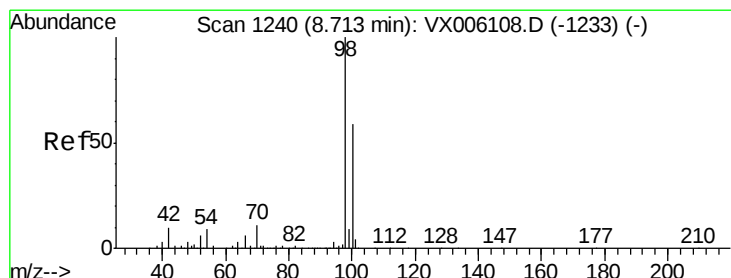
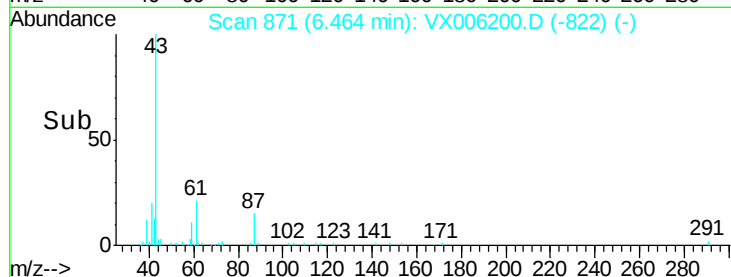
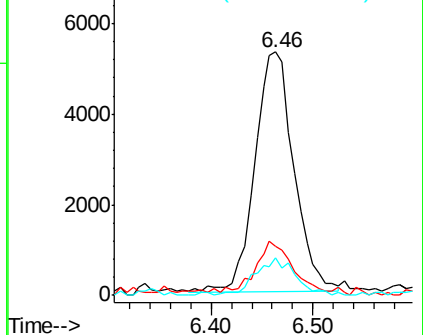
87 16.0 9.6 14.4#



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: 52.63 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006200.D

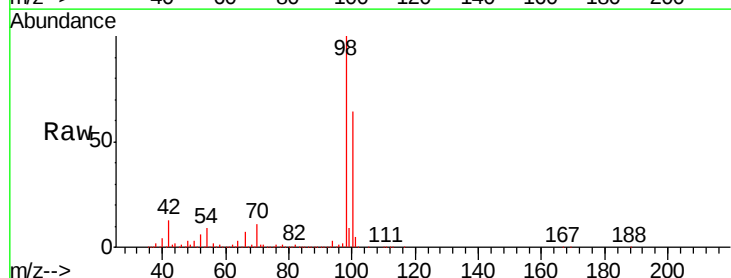
Acq: 27 Nov 2018 03:11

Tgt Ion: 98 Resp: 506099

Ion Ratio Lower Upper

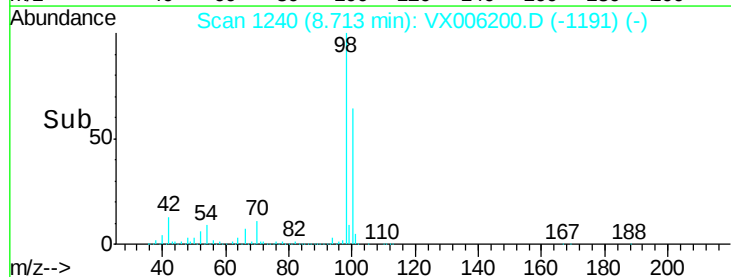
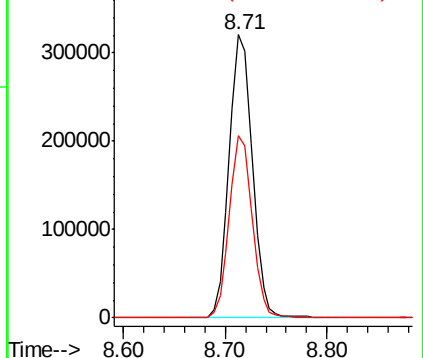
98 100

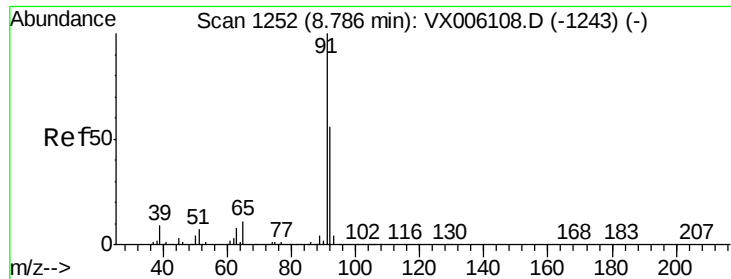
100 63.4 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 1.54 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

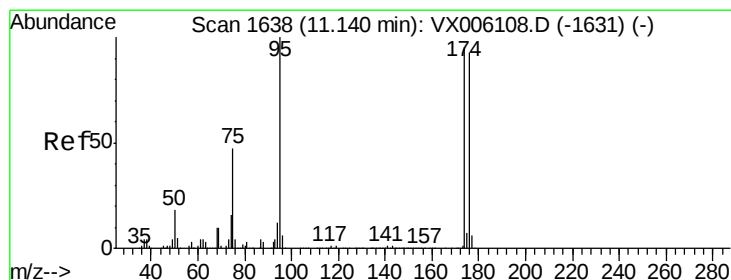
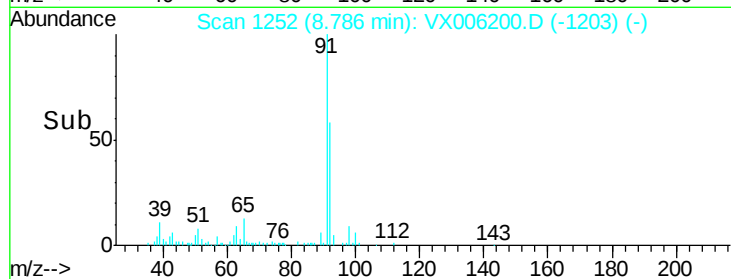
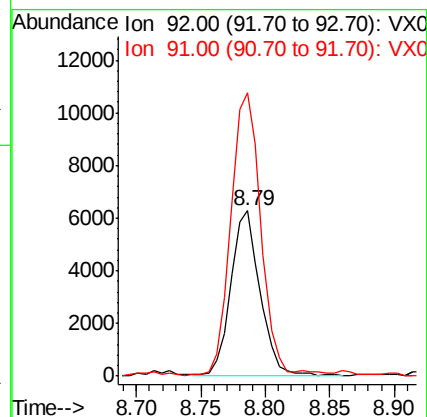
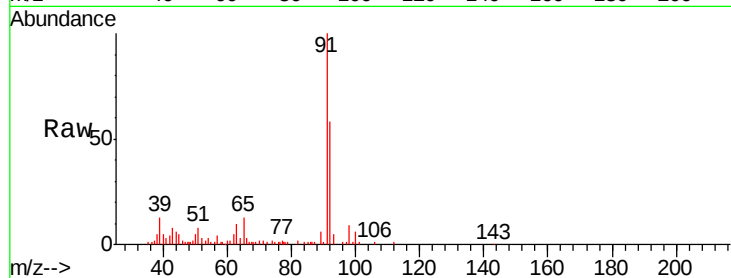
SU-03-112118-B

Tgt Ion: 92 Resp: 10049

Ion Ratio Lower Upper

92 100

91 174.3 142.5 213.7



#62

4-Bromofluorobenzene

Concen: 46.75 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

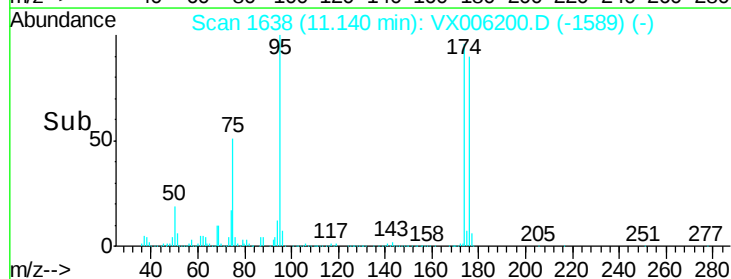
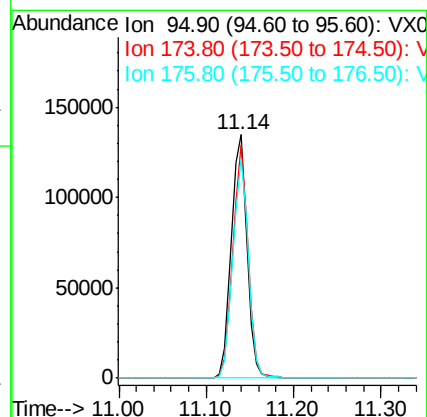
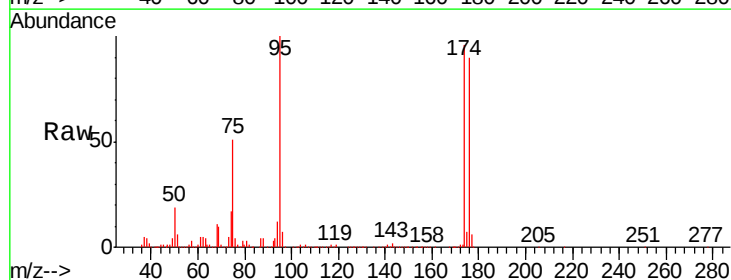
Tgt Ion: 95 Resp: 168676

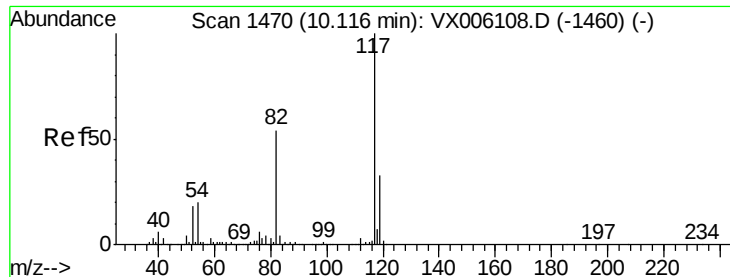
Ion Ratio Lower Upper

95 100

174 93.2 0.0 184.4

176 89.4 0.0 179.0

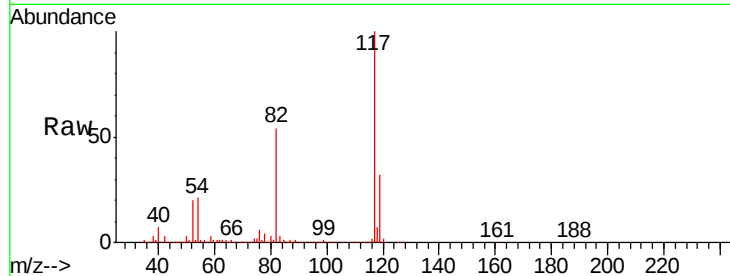




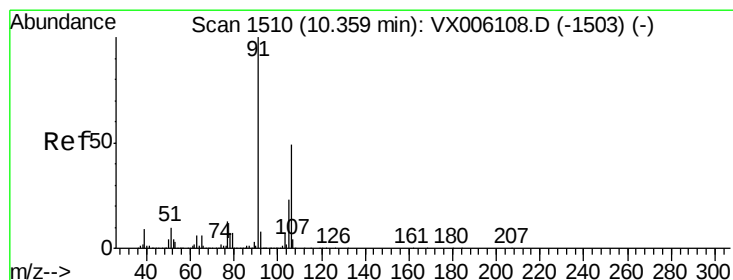
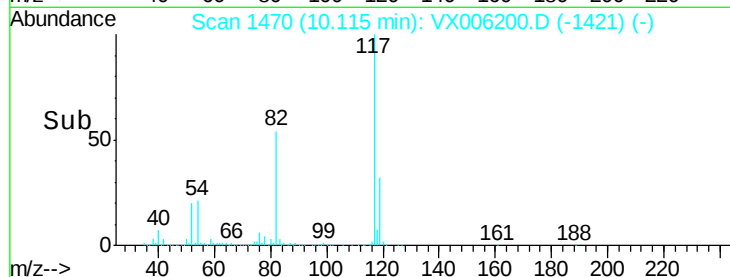
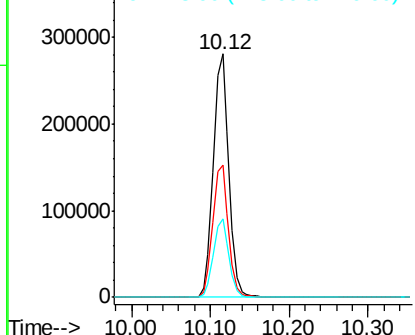
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006200.D
Acq: 27 Nov 2018 03:11

Instrument :
MSVOA_X
ClientSampleId :
SU-03-112118-B

Tgt Ion:117 Resp: 383935
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.3 26.1 39.1

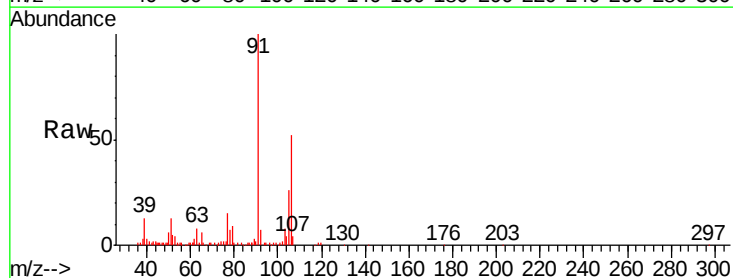


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

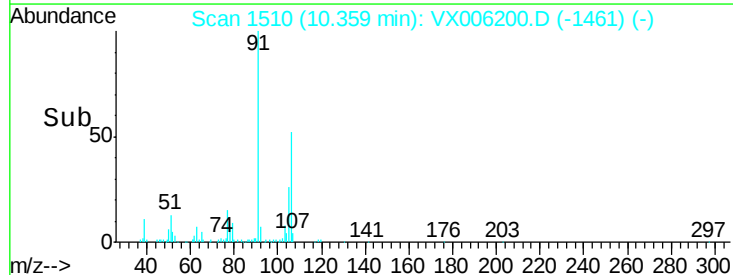
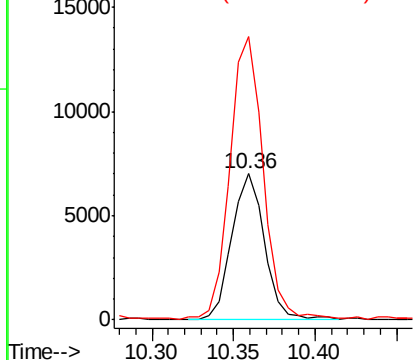


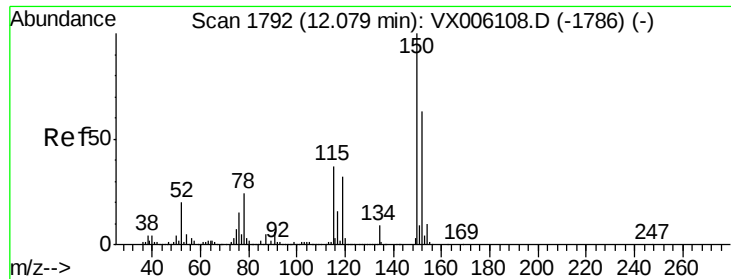
#68
m/p-Xylenes
Concen: 1.96 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006200.D
Acq: 27 Nov 2018 03:11

Tgt Ion:106 Resp: 9864
Ion Ratio Lower Upper
106 100
91 197.9 162.0 243.0



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: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

SU-03-112118-B

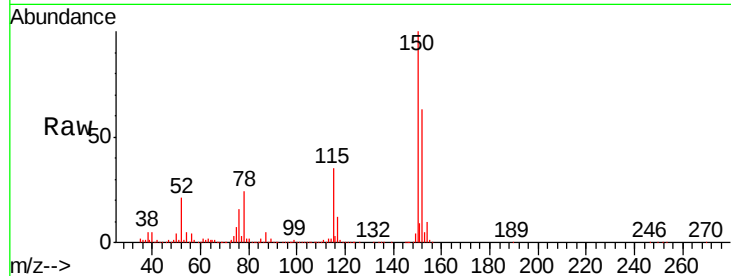
Tgt Ion:152 Resp: 181315

Ion Ratio Lower Upper

152 100

115 55.5 39.0 116.9

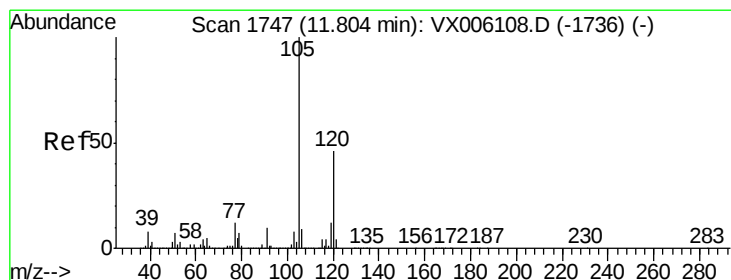
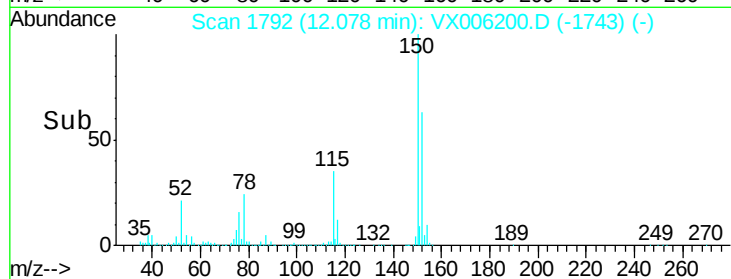
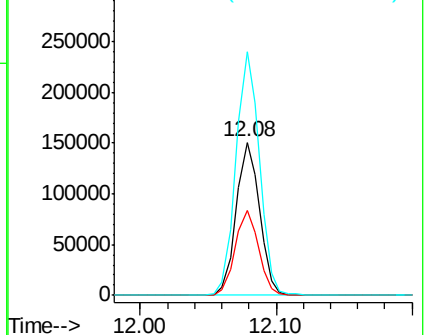
150 159.7 0.0 346.6



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: 2.58 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006200.D

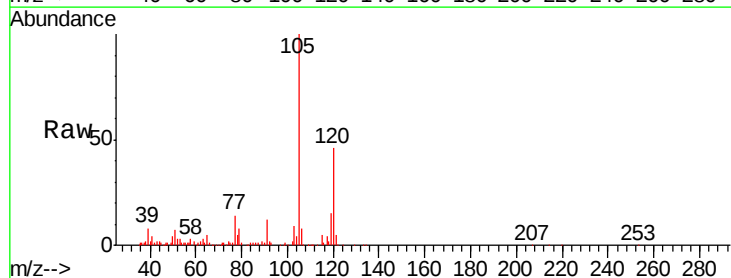
Acq: 27 Nov 2018 03:11

Tgt Ion:105 Resp: 24361

Ion Ratio Lower Upper

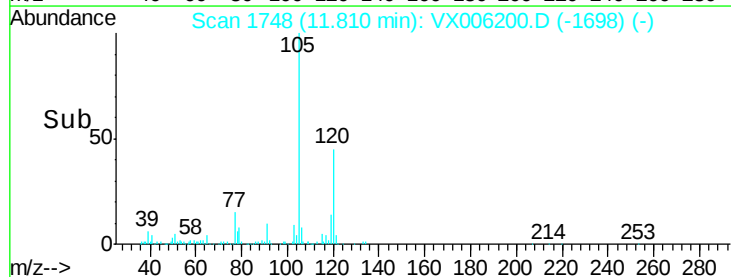
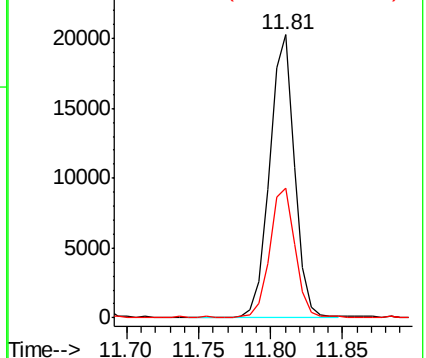
105 100

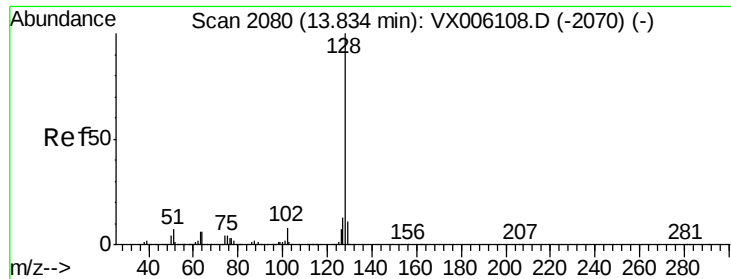
120 46.9 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 8.07 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006200.D

Acq: 27 Nov 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

SU-03-112118-B

Tgt Ion:128 Resp: 96785

Ion Ratio Lower Upper

128 100

127 13.7 10.6 15.8

129 11.4 8.8 13.2

