

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006473.D
 Acq On : 13 Dec 2018 04:39
 Operator : JC/MD
 Sample : J6189-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-121118-C

Quant Time: Dec 13 07:44:09 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

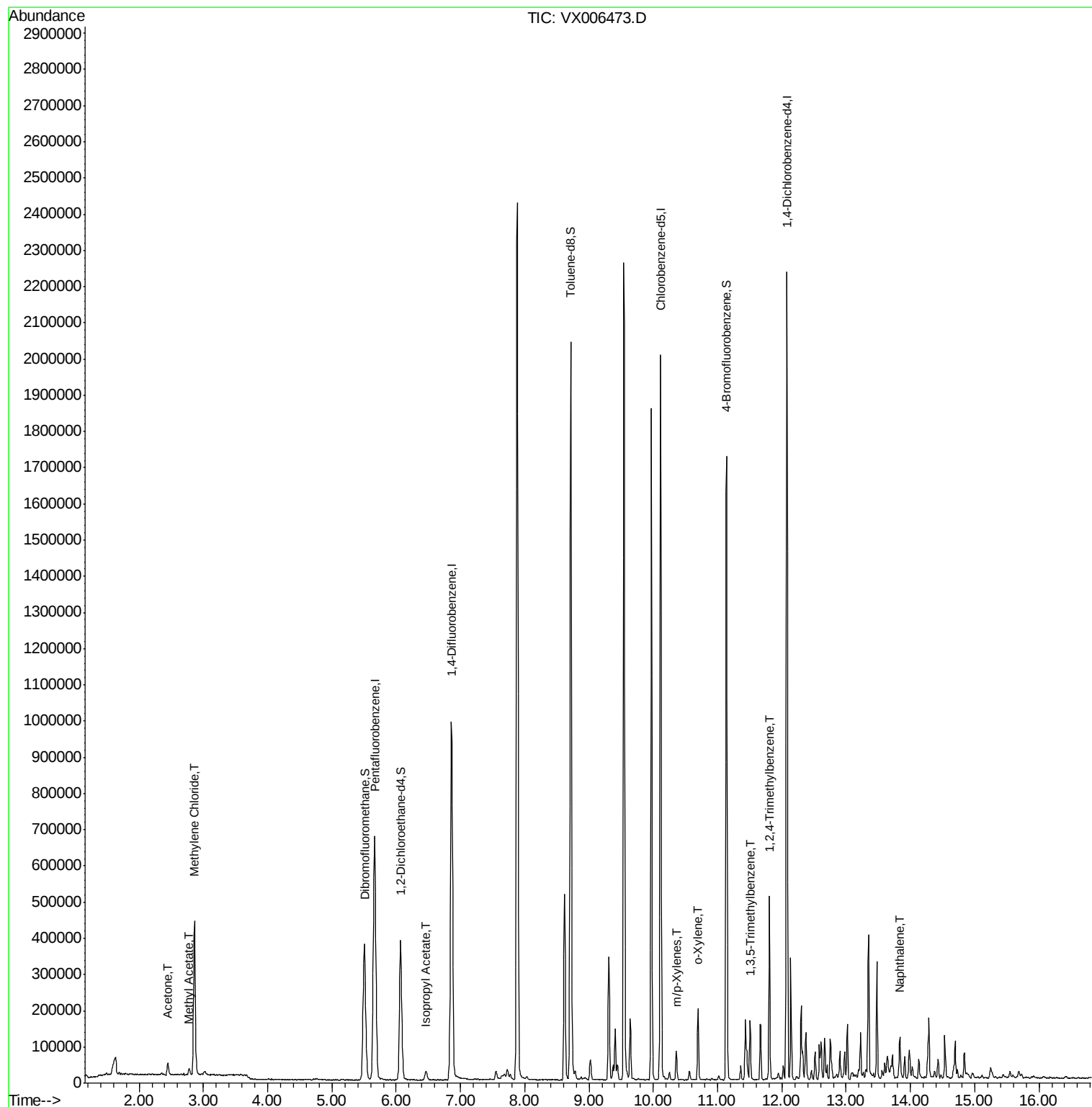
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	691559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1061596	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	992633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	477707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	356727	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
35) Dibromofluoromethane	5.51	113	322006	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
50) Toluene-d8	8.71	98	1263992	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.14	95	467494	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
Target Compounds						
16) Acetone	2.45	43	35292	10.652	ug/l	95
18) Methyl Acetate	2.78	43	23066	2.082	ug/l #	87
20) Methylene Chloride	2.86	84	197665	28.033	ug/l	92
43) Isopropyl Acetate	6.47	43	32559	1.951	ug/l	96
68) m/p-Xylenes	10.36	106	20626	1.469	ug/l	99
69) o-Xylene	10.70	106	20510	1.479	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	69296	2.525	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	225980	7.973	ug/l	100
95) Naphthalene	13.83	128	74778	2.038	ug/l	97

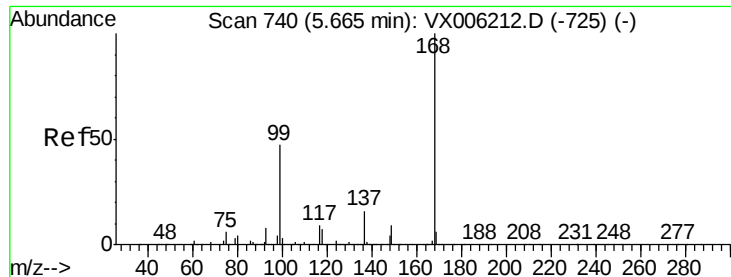
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121218\
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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: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

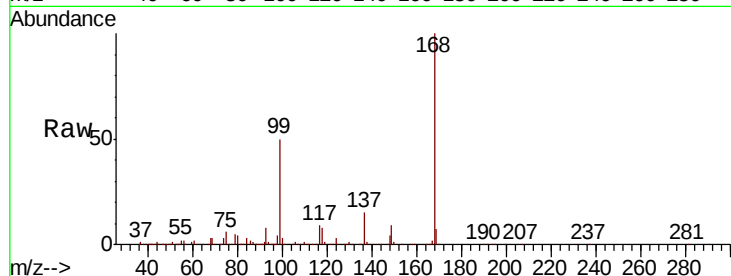
HR-05-121118-C

Tot Ion:168 Resp: 691559

Ion Ratio Lower Upper

168 100

99 50.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

150000

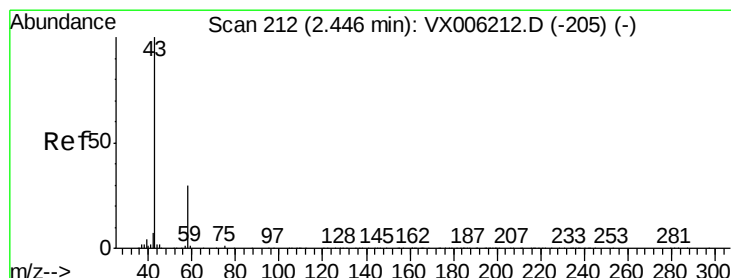
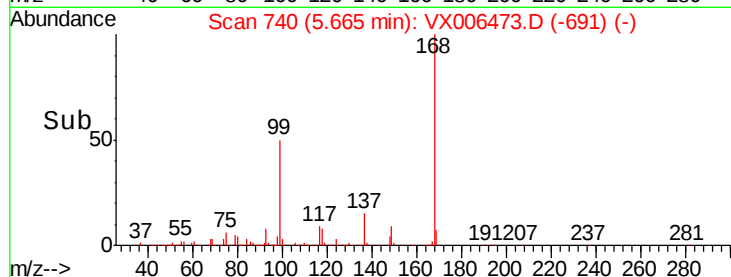
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.652 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006473.D

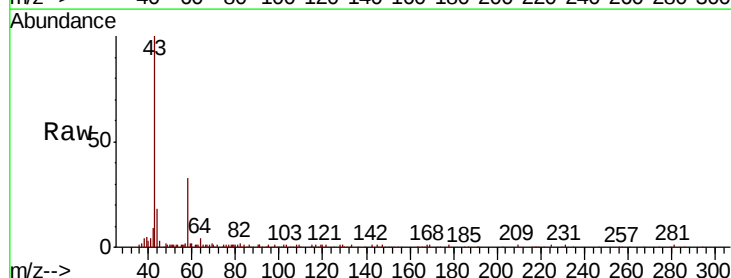
Acq: 13 Dec 2018 04:39

Tgt Ion: 43 Resp: 35292

Ion Ratio Lower Upper

43 100

58 32.9 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

25000

20000

15000

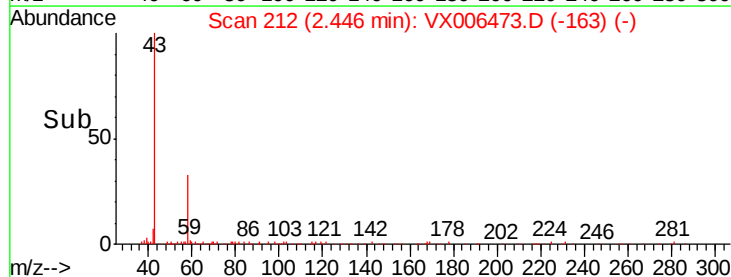
10000

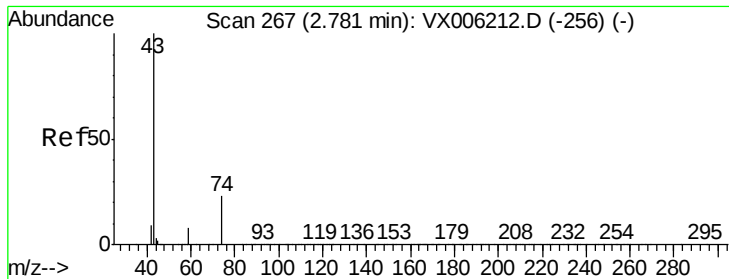
5000

0

Time-->

2.35 2.40 2.45 2.50 2.55

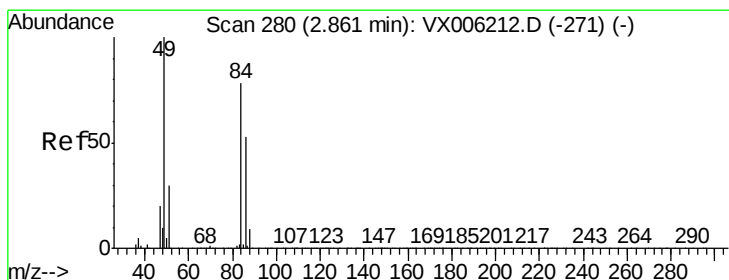
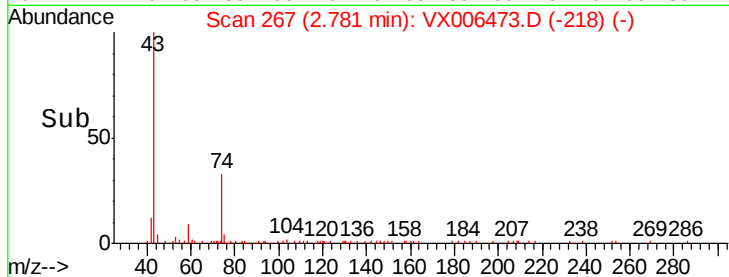
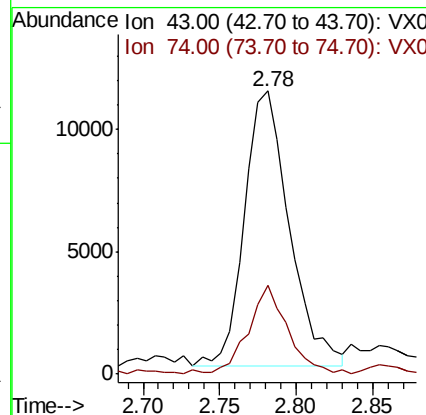
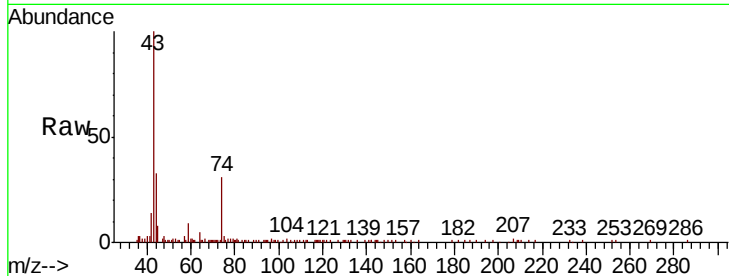




#18
Methyl Acetate
Concen: 2.082 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX006473.D
Acq: 13 Dec 2018 04:39

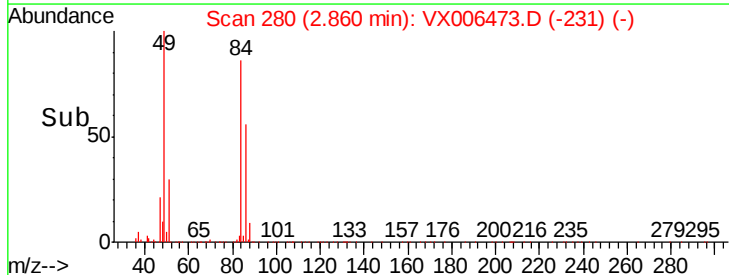
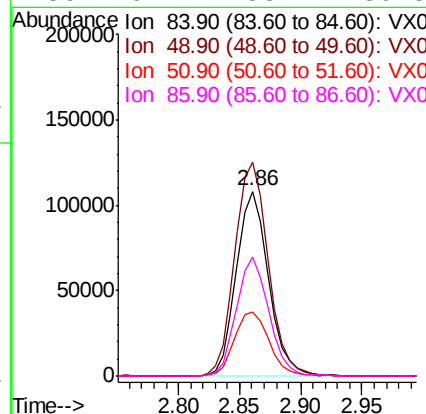
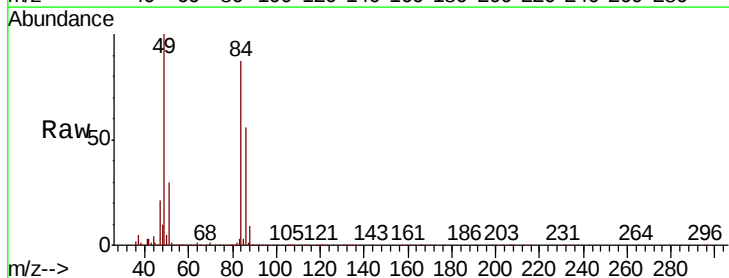
Instrument :
MSVOA_X
ClientSampleID :
HR-05-121118-C

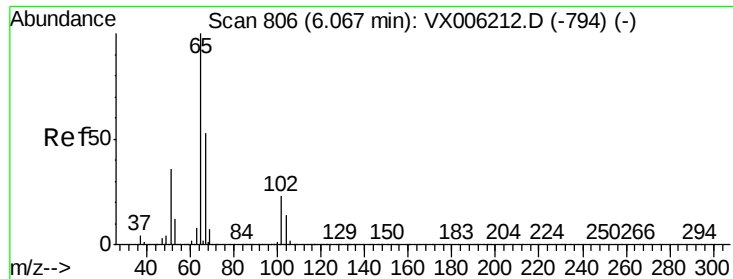
Tot Ion: 43 Resp: 23066
Ion Ratio Lower Upper
43 100
74 28.6 17.9 26.9#



#20
Methylene Chloride
Concen: 28.033 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006473.D
Acq: 13 Dec 2018 04:39

Tgt Ion: 84 Resp: 197665
Ion Ratio Lower Upper
84 100
49 115.6 102.2 153.4
51 34.7 31.1 46.7
86 64.1 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 50.530 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

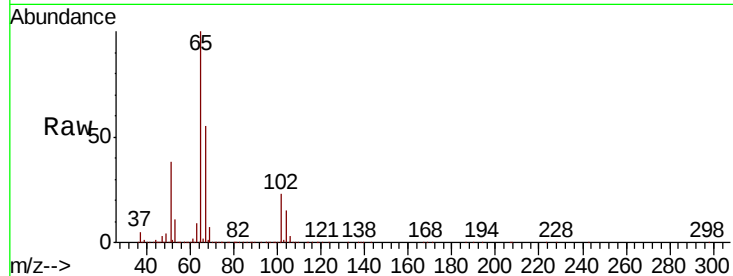
HR-05-121118-C

Tot Ion: 65 Resp: 356727

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

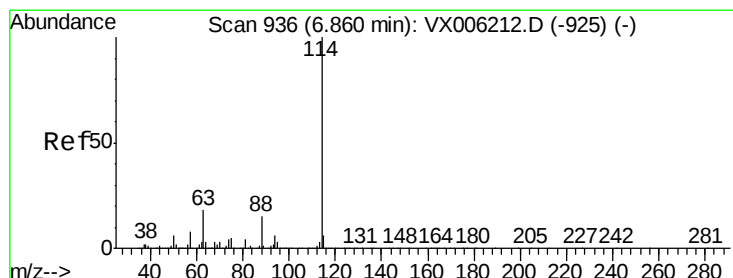
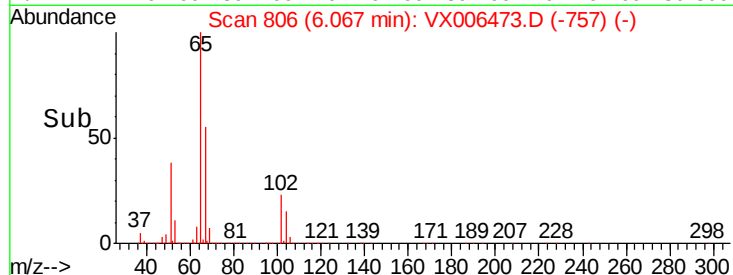
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

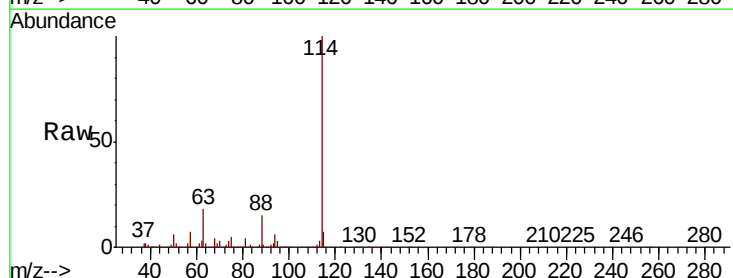
Tgt Ion: 114 Resp: 1061596

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

88 14.9 0.0 29.0



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

6.86

600000

500000

400000

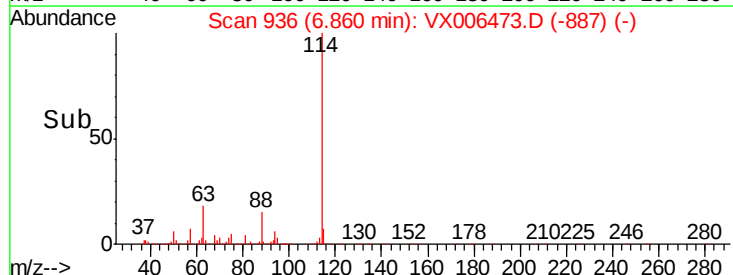
300000

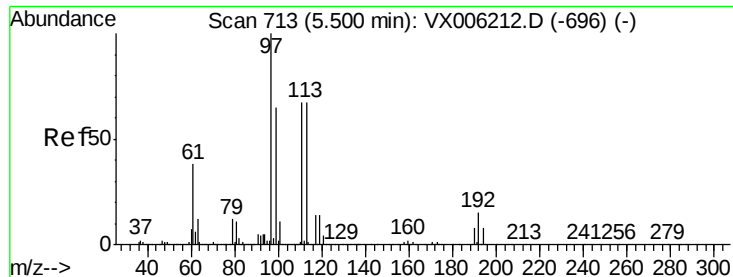
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 46.848 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

HR-05-121118-C

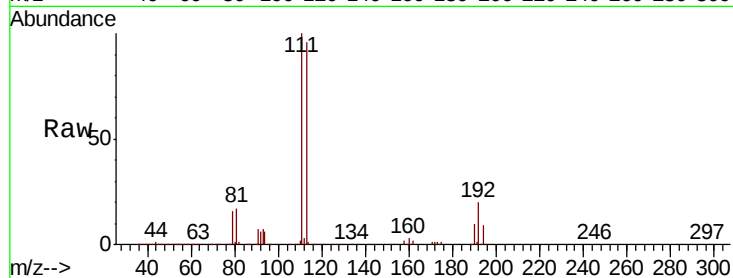
Tot Ion:113 Resp: 322006

Ion Ratio Lower Upper

113 100

111 102.5 81.1 121.7

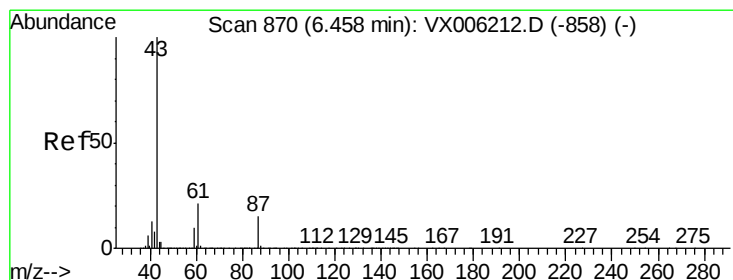
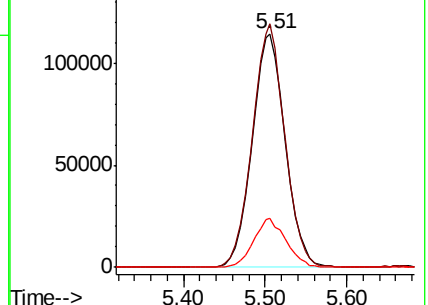
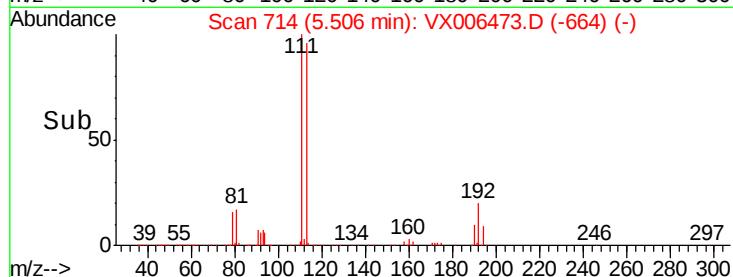
192 20.6 18.2 27.2



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: 1.951 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

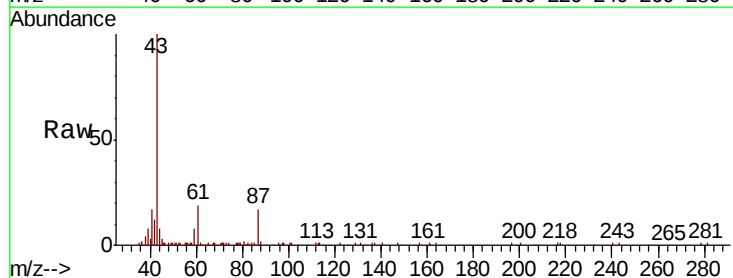
Tgt Ion: 43 Resp: 32559

Ion Ratio Lower Upper

43 100

61 22.9 16.8 25.2

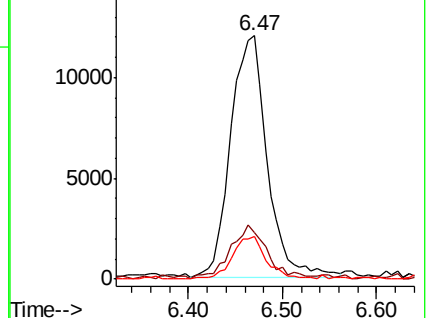
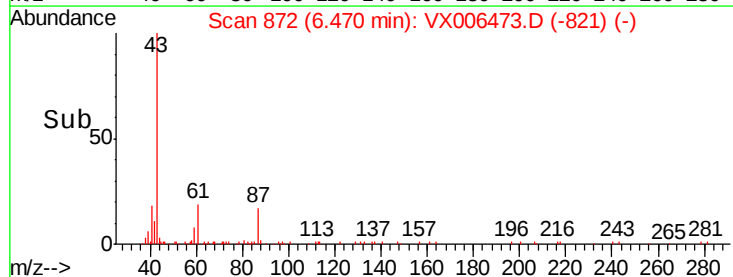
87 16.4 11.9 17.9

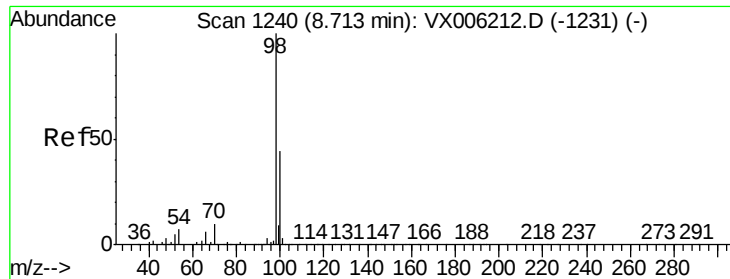


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.557 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

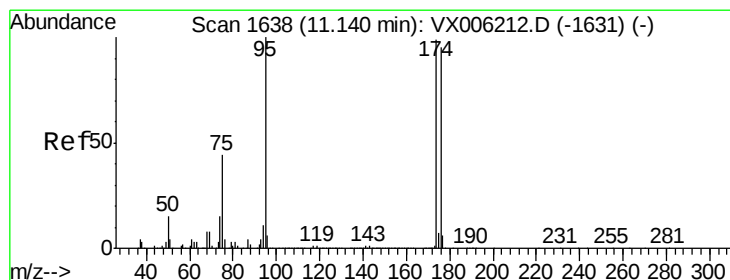
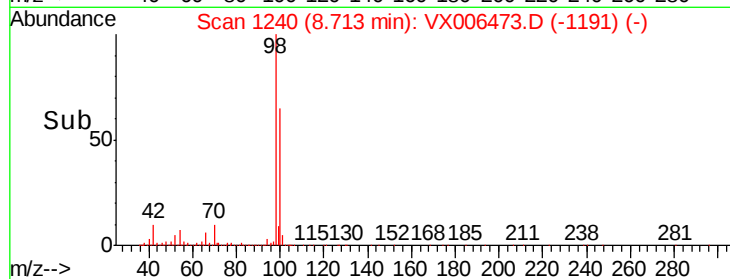
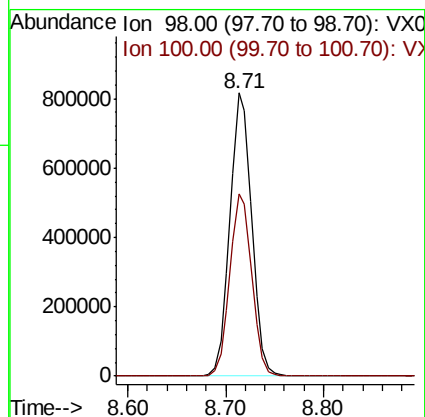
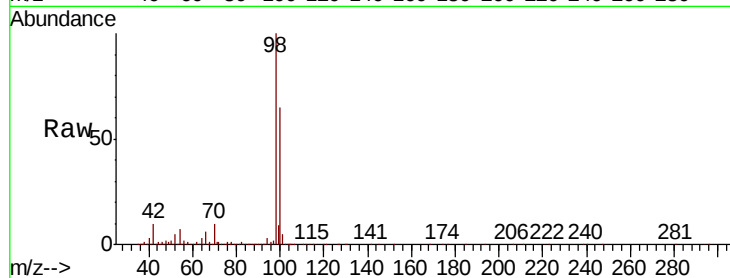
HR-05-121118-C

Tot Ion: 98 Resp: 1263992

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.621 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

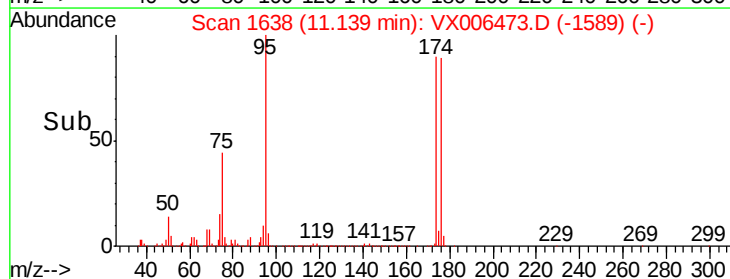
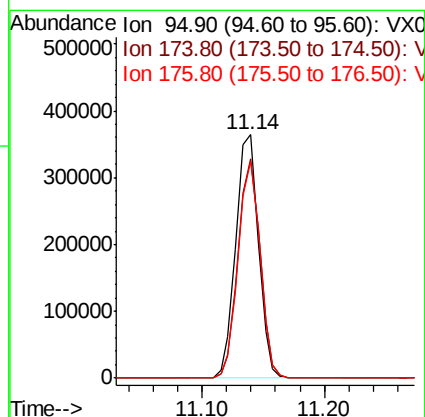
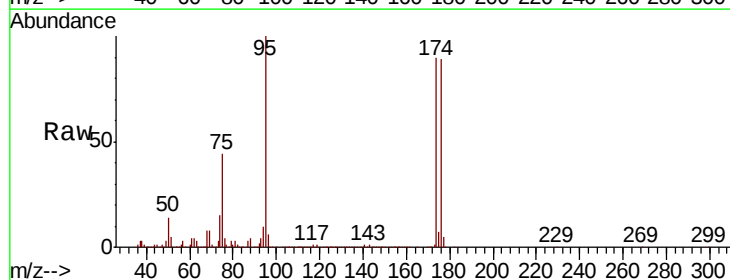
Tgt Ion: 95 Resp: 467494

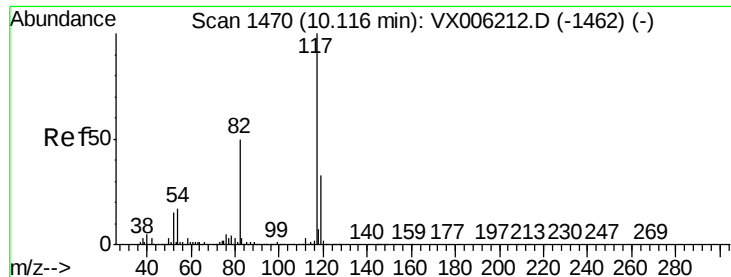
Ion Ratio Lower Upper

95 100

174 87.4 0.0 187.0

176 86.6 0.0 181.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

HR-05-121118-C

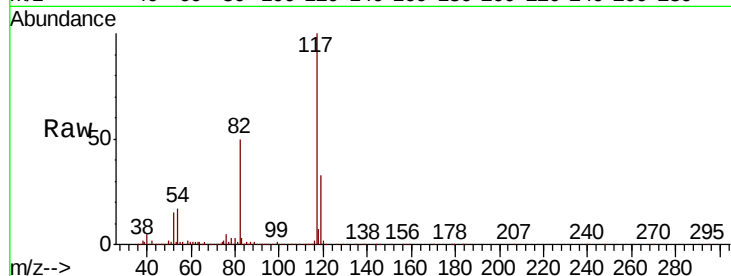
Tot Ion:117 Resp: 992633

Ion Ratio Lower Upper

117 100

82 50.0 39.6 59.4

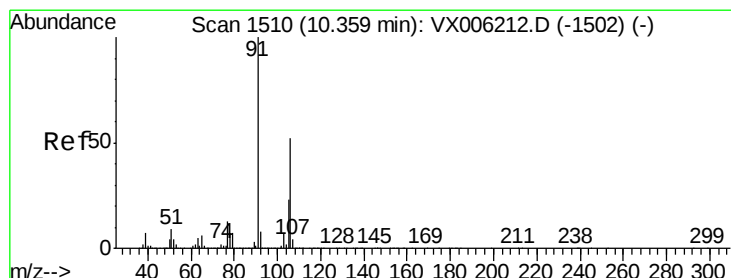
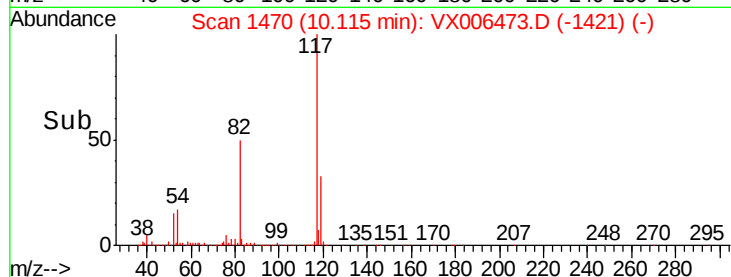
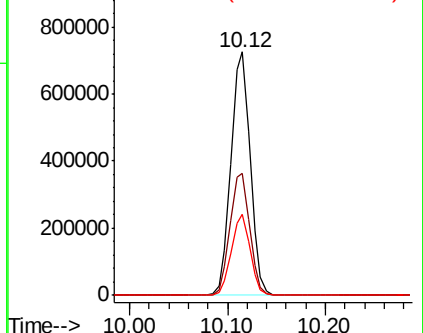
119 33.1 26.3 39.5



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: 1.469 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006473.D

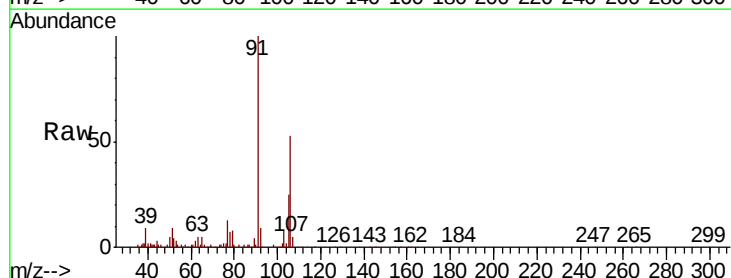
Acq: 13 Dec 2018 04:39

Tgt Ion:106 Resp: 20626

Ion Ratio Lower Upper

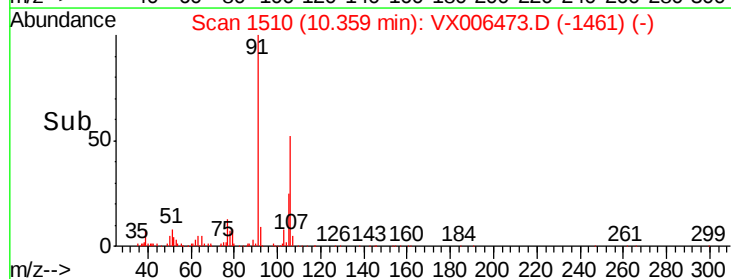
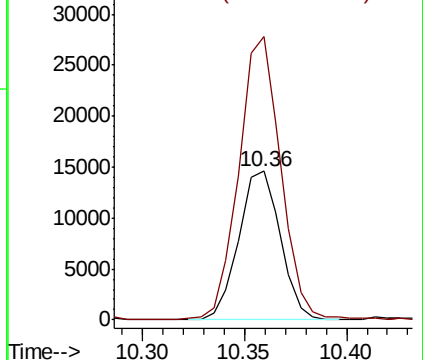
106 100

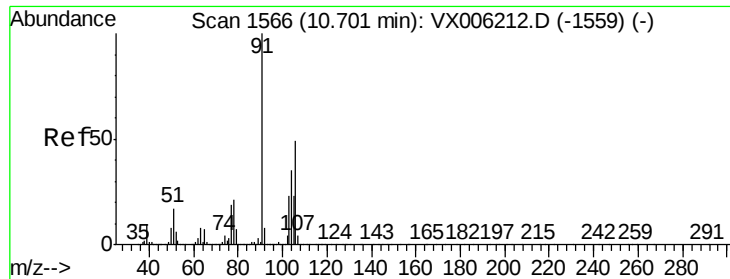
91 192.9 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

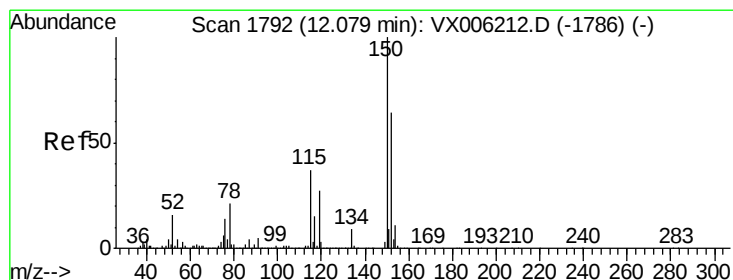
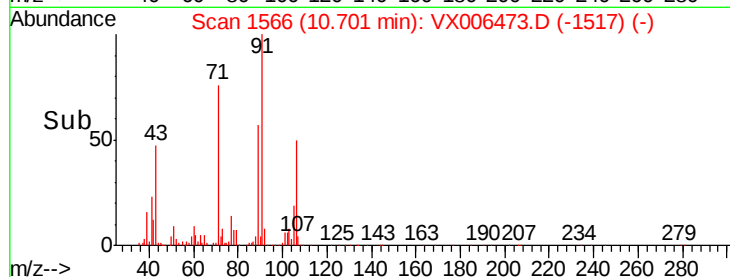
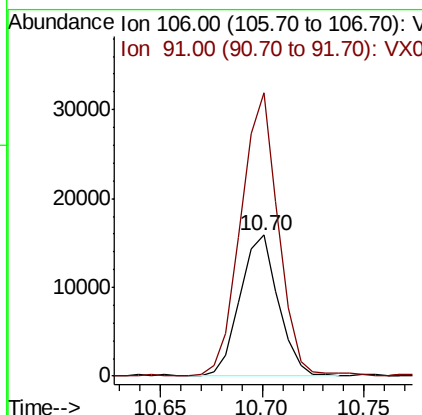
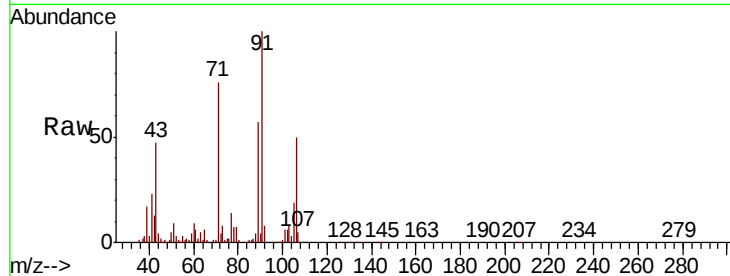




#69
o-Xylene
Concen: 1.479 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006473.D
Acq: 13 Dec 2018 04:39

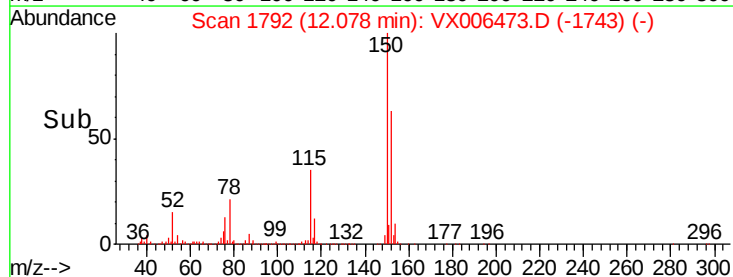
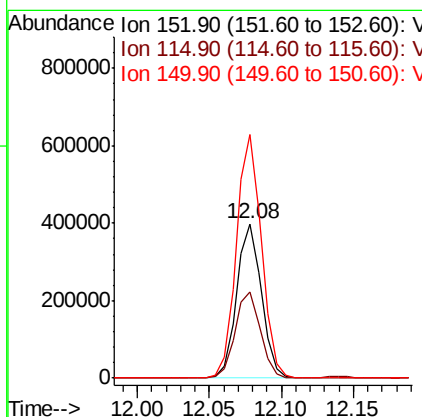
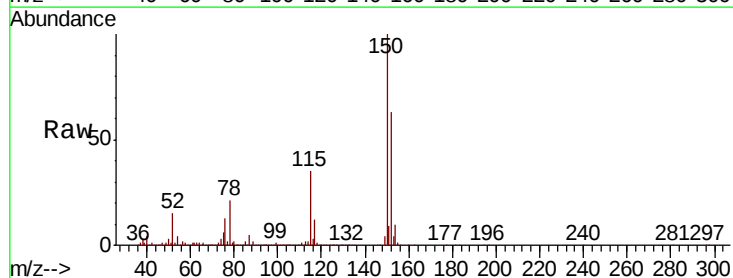
Instrument :
MSVOA_X
ClientSampleId :
HR-05-121118-C

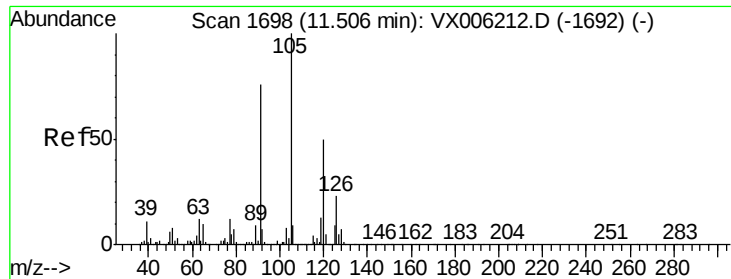
Tot Ion:106 Resp: 20510
Ion Ratio Lower Upper
106 100
91 199.5 101.8 305.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006473.D
Acq: 13 Dec 2018 04:39

Tgt Ion:152 Resp: 477707
Ion Ratio Lower Upper
152 100
115 57.2 39.0 116.9
150 159.2 0.0 345.8





#80

1,3,5-Trimethylbenzene

Concen: 2.525 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

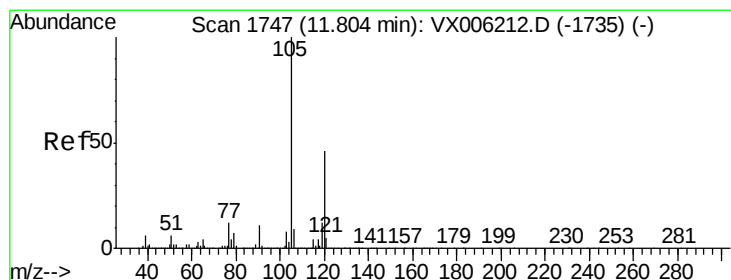
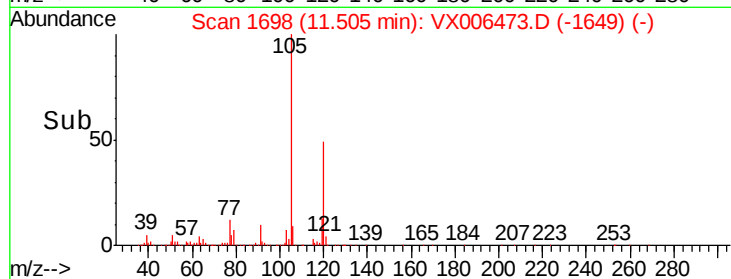
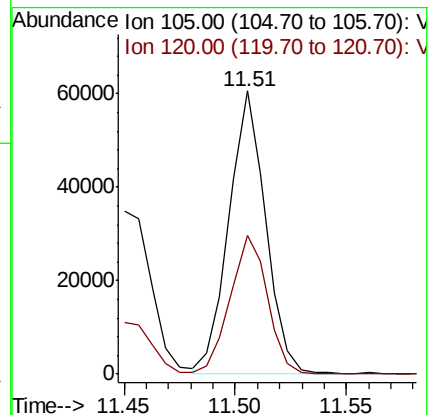
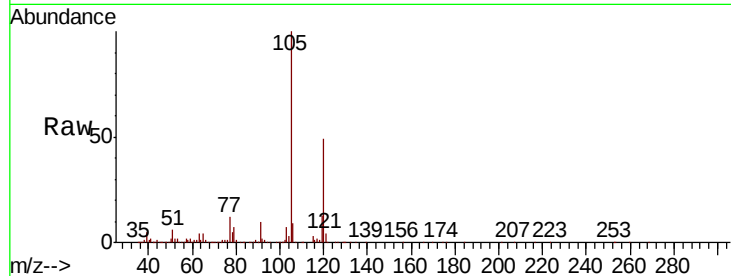
HR-05-121118-C

Tot Ion:105 Resp: 69296

Ion Ratio Lower Upper

105 100

120 49.4 25.4 76.0



#84

1,2,4-Trimethylbenzene

Concen: 7.973 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006473.D

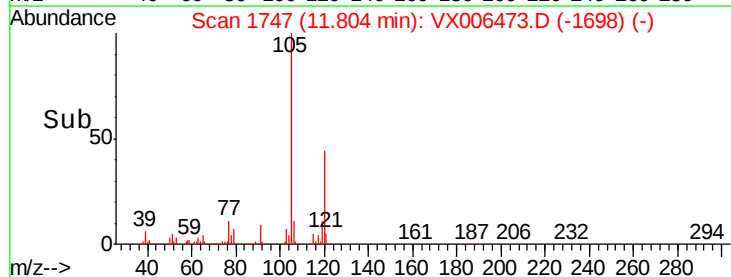
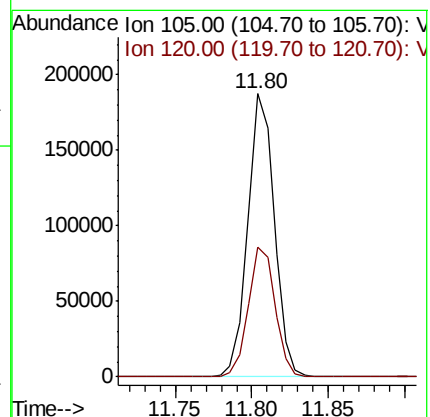
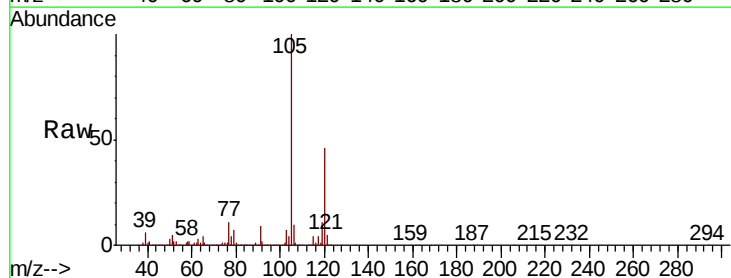
Acq: 13 Dec 2018 04:39

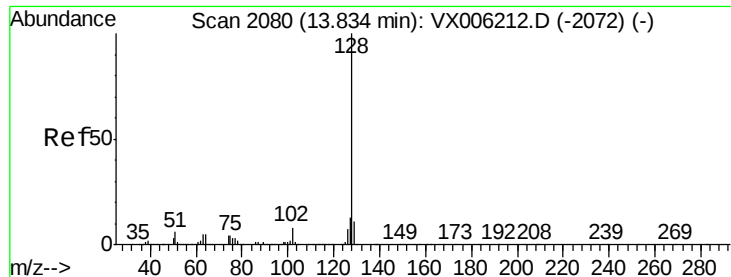
Tgt Ion:105 Resp: 225980

Ion Ratio Lower Upper

105 100

120 46.5 23.4 70.0





#95

Naphthalene

Concen: 2.038 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006473.D

Acq: 13 Dec 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

HR-05-121118-C

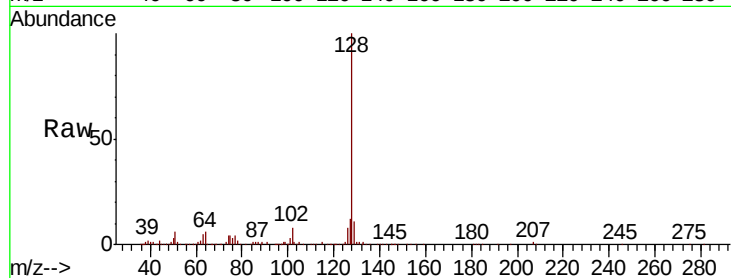
Tot Ion:128 Resp: 74778

Ion Ratio Lower Upper

128 100

127 14.1 10.2 15.4

129 12.2 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

