

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006683.D
 Acq On : 06 Nov 2018 13:58
 Operator : SY/AP
 Sample : J5794-07
 Misc : 5.74G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-11-S

Quant Time: Nov 06 15:01:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

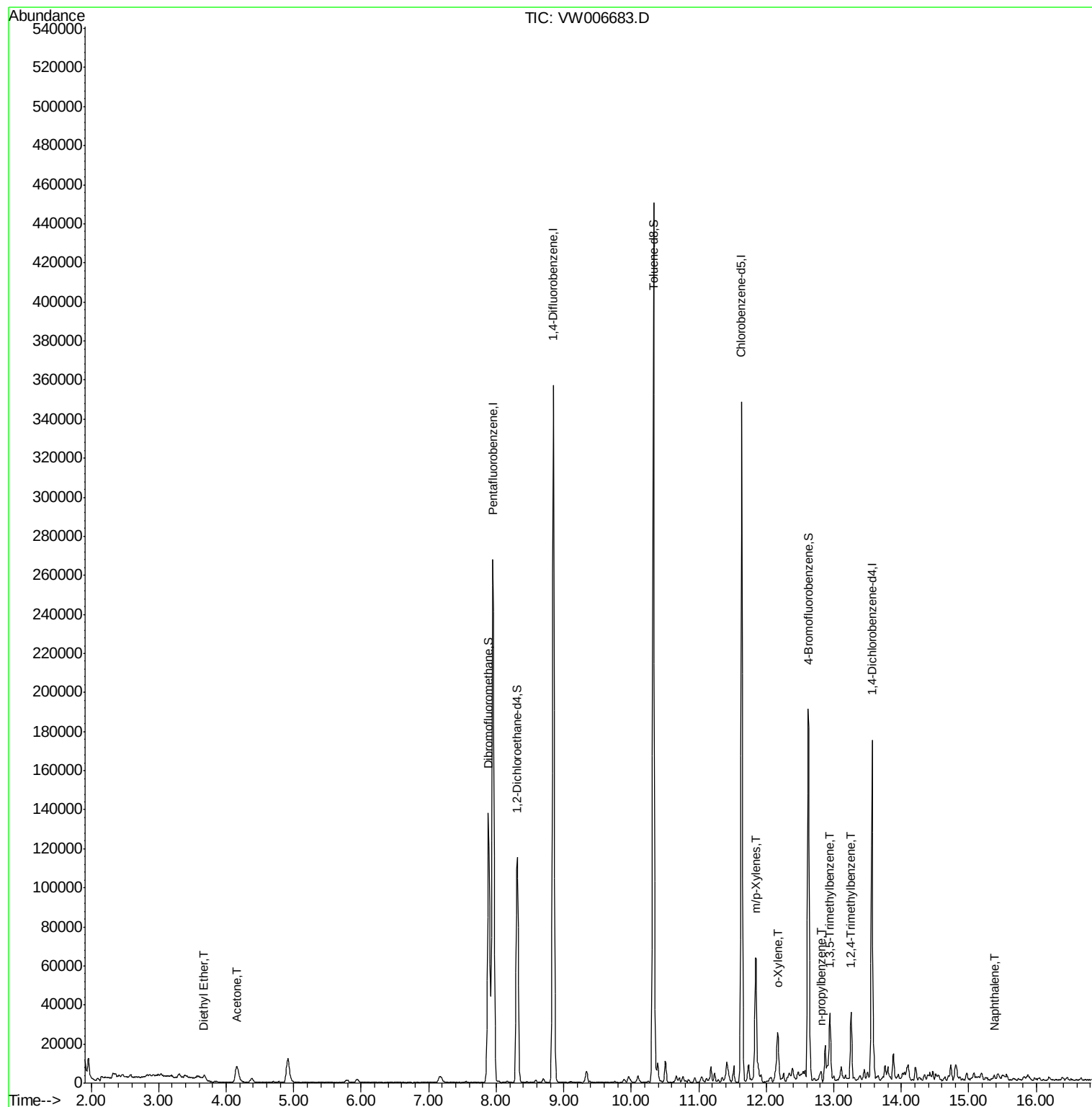
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	316913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	204589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	49270	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	91876	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
35) Dibromofluoromethane	7.88	113	99441	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
50) Toluene-d8	10.33	98	308223	40.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.42%	
62) 4-Bromofluorobenzene	12.62	95	58885	21.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	42.90%	
Target Compounds						
8) Diethyl Ether	3.67	74	1856	1.951	ug/l	82
16) Acetone	4.15	43	19043	62.368	ug/l	95
68) m/p-Xylenes	11.84	106	12089	4.205	ug/l	98
69) o-Xylene	12.17	106	6839	2.499	ug/l	99
78) n-propylbenzene	12.81	91	4274	1.145	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	10797	3.960	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	19069	6.818	ug/l	97
95) Naphthalene	15.38	128	2541	1.428	ug/l #	96

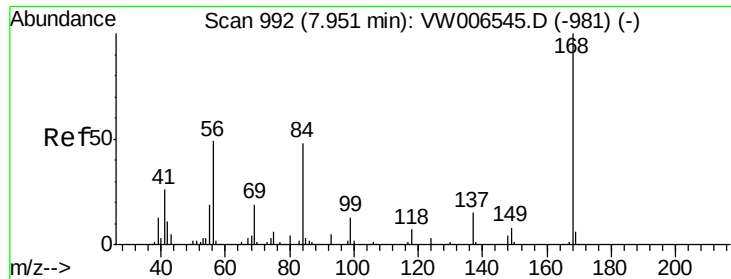
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006683.D

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Instrument :

MSVOA_W

ClientSampleId :

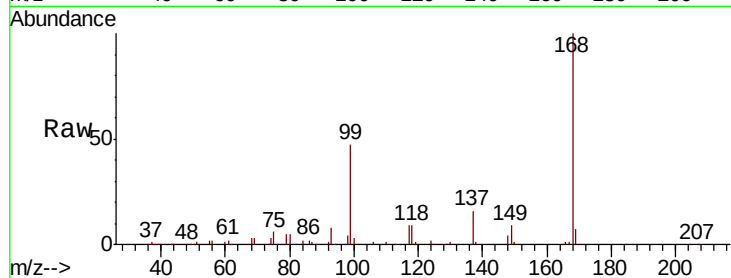
TP-11-S

Tot Ion:168 Resp: 220011

Ion Ratio Lower Upper

168 100

99 47.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

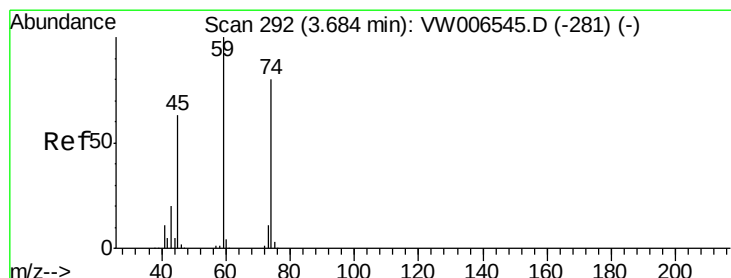
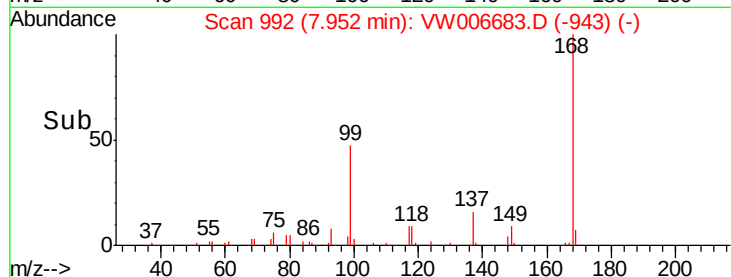
40000

20000

0

Time-->

7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.951 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW006683.D

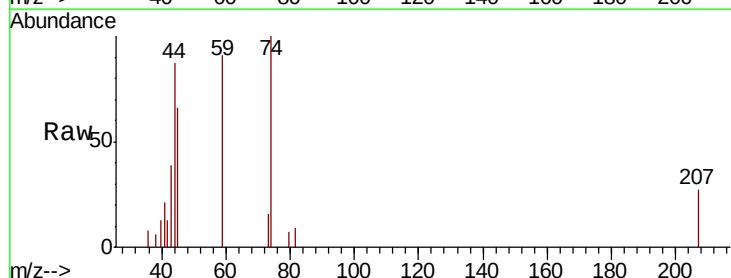
Acq: 06 Nov 2018 13:58

Tgt Ion: 74 Resp: 1856

Ion Ratio Lower Upper

74 100

45 98.6 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

1000

800

600

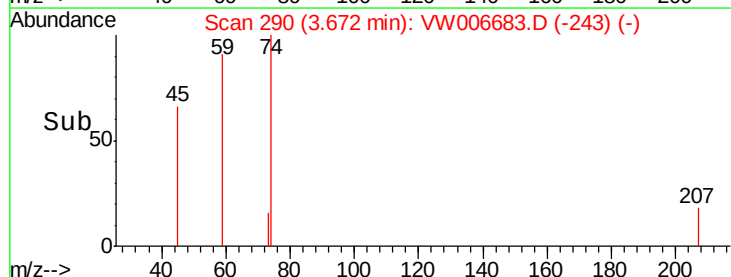
400

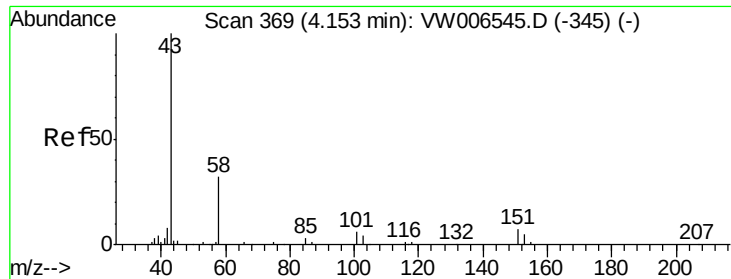
200

0

Time-->

3.60 3.65 3.70 3.75





#16

Acetone

Concen: 62.368 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.00 min

Lab File: VW006683.D

Acq: 06 Nov 2018 13:58

Instrument :

MSVOA_W

ClientSampled :

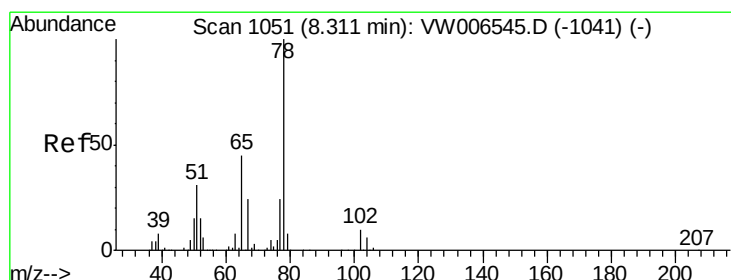
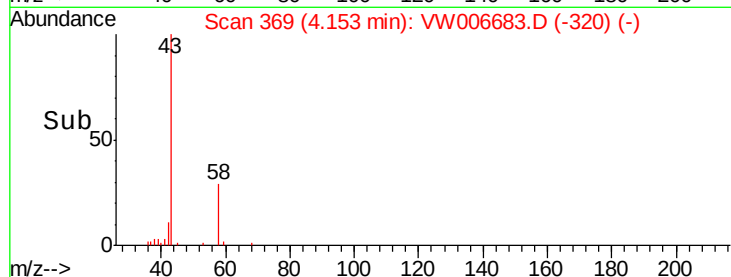
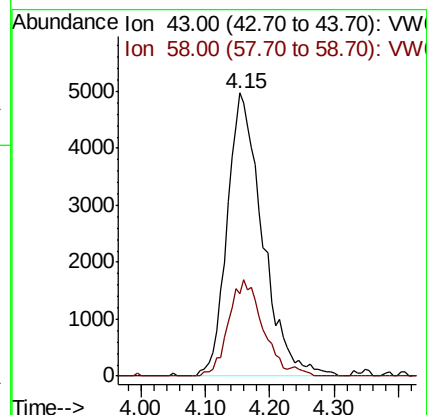
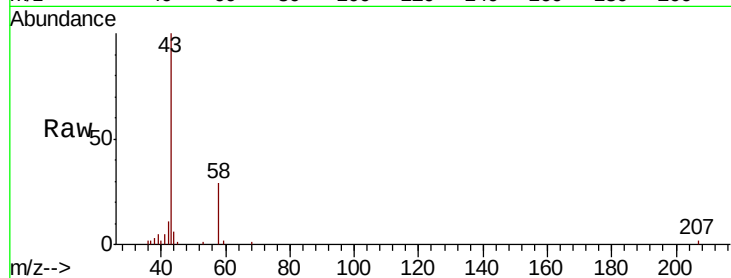
TP-11-S

Tot Ion: 43 Resp: 19043

Ion Ratio Lower Upper

43 100

58 29.3 25.8 38.8



#33

1,2-Dichloroethane-d4

Concen: 48.581 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006683.D

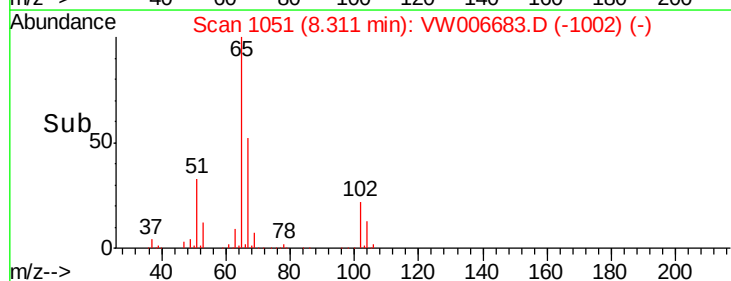
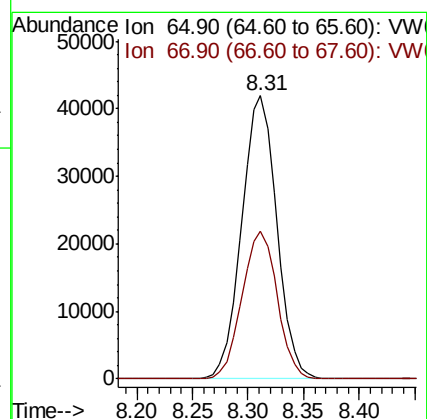
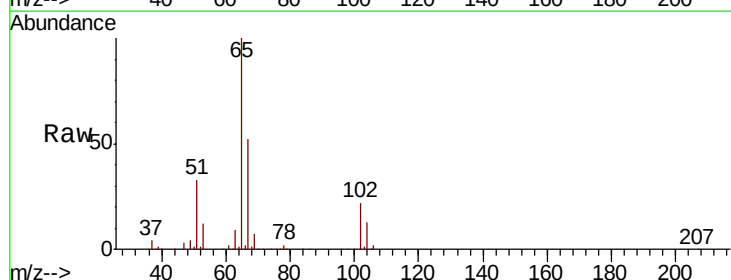
Acq: 06 Nov 2018 13:58

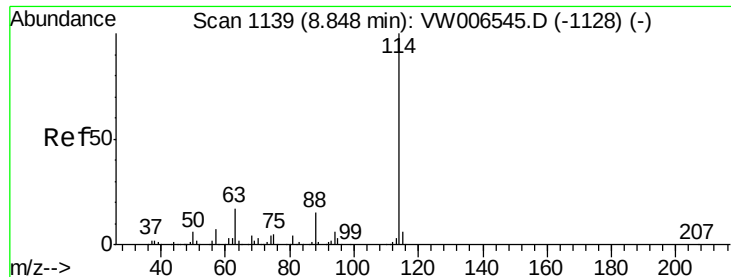
Tgt Ion: 65 Resp: 91876

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006683.D

Acq: 06 Nov 2018 13:58

Instrument :

MSVOA_W

ClientSampleId :

TP-11-S

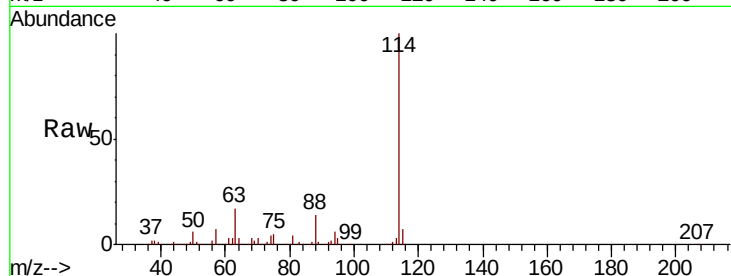
Tot Ion:114 Resp: 316913

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

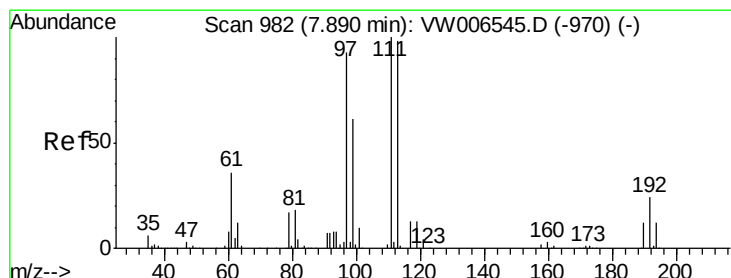
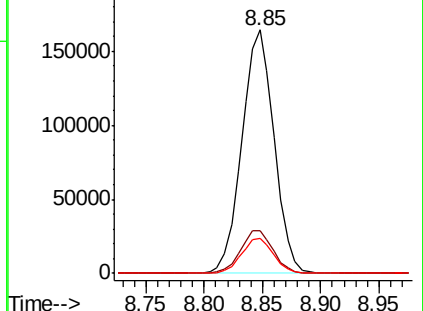
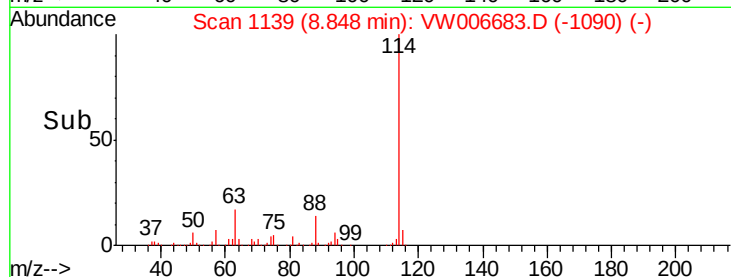
88 14.3 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 49.998 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006683.D

Acq: 06 Nov 2018 13:58

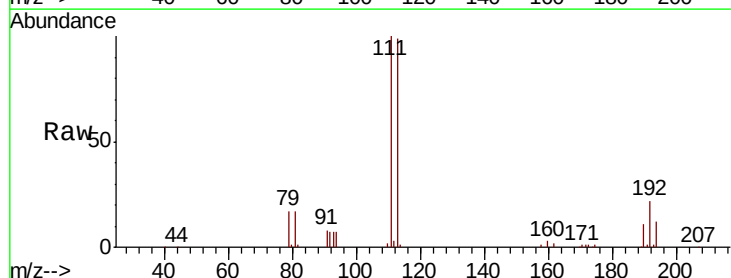
Tgt Ion:113 Resp: 99441

Ion Ratio Lower Upper

113 100

111 100.7 82.2 123.2

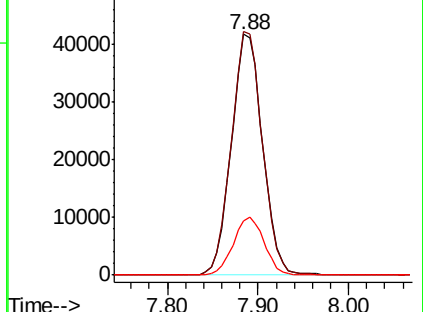
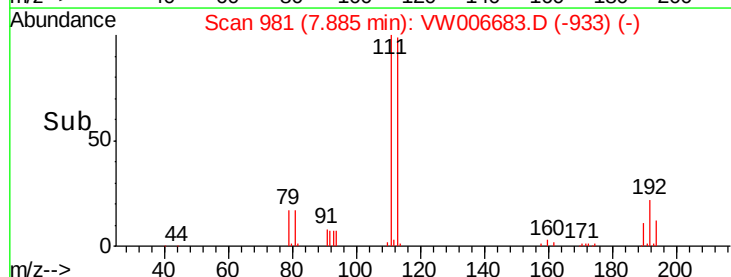
192 23.8 19.0 28.6

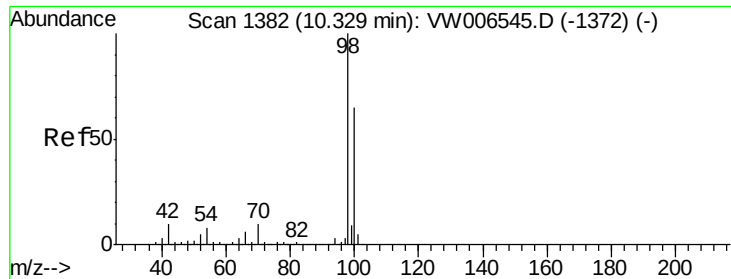


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

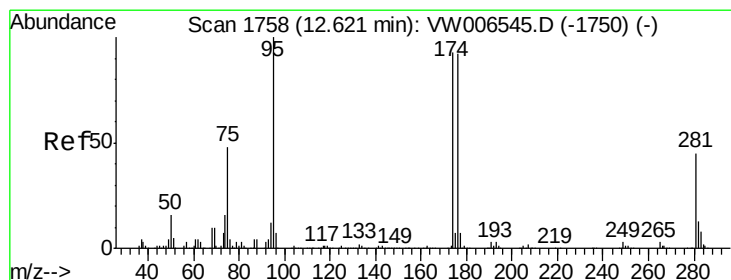
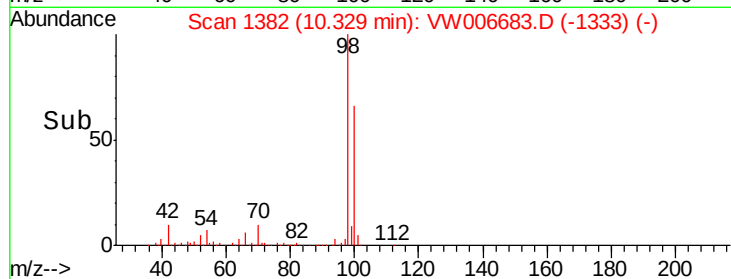
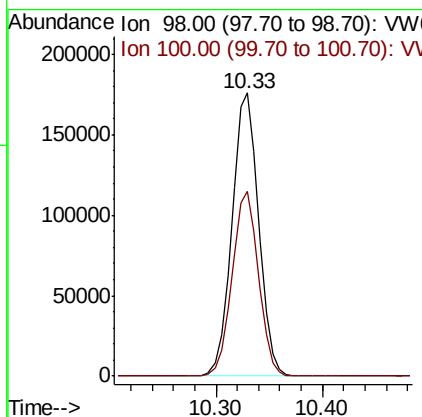
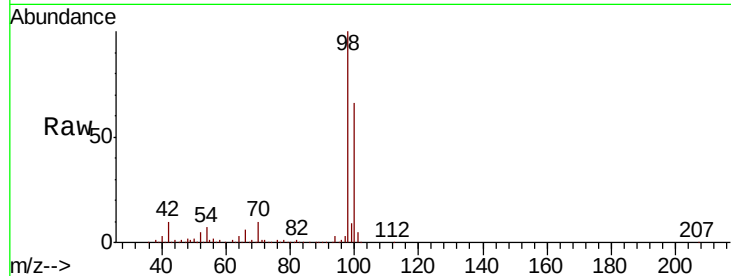




#50
Toluene-d8
Concen: 40.709 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006683.D
Acq: 06 Nov 2018 13:58

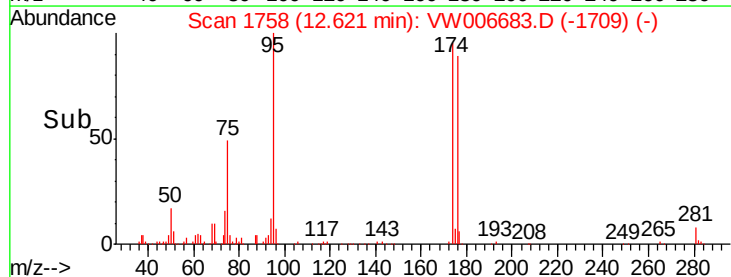
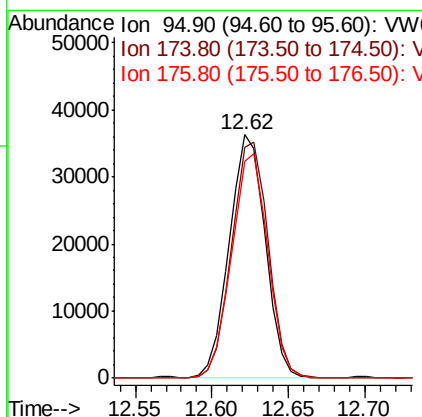
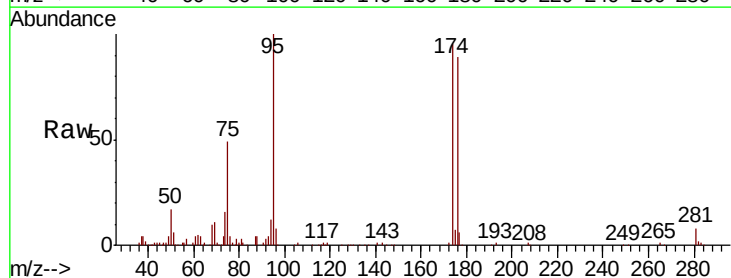
Instrument :
MSVOA_W
ClientSampleId :
TP-11-S

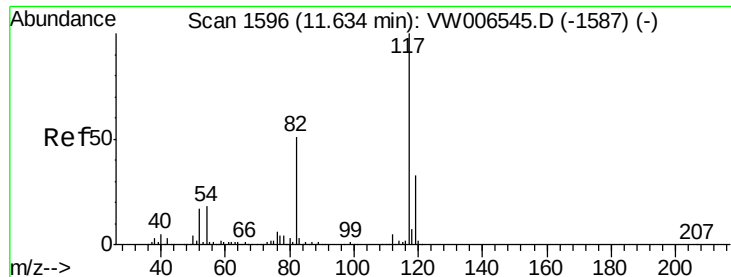
Tot Ion: 98 Resp: 308223
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 21.453 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006683.D
Acq: 06 Nov 2018 13:58

Tgt Ion: 95 Resp: 58885
Ion Ratio Lower Upper
95 100
174 99.1 0.0 192.4
176 93.5 0.0 187.4

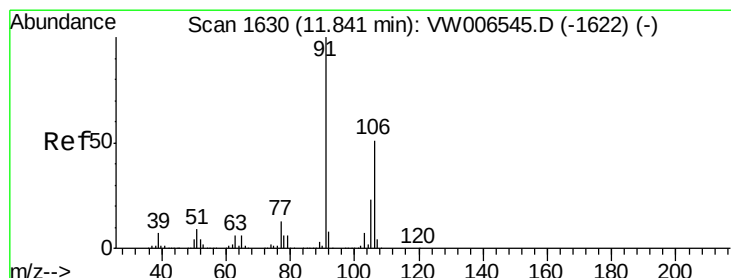
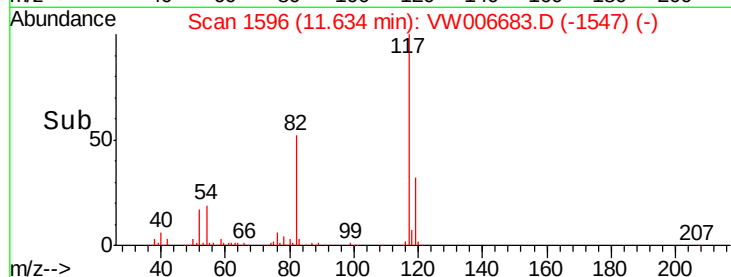
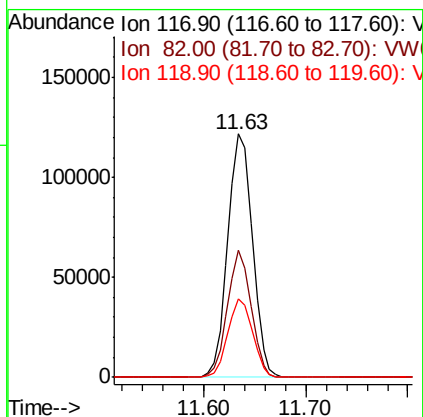
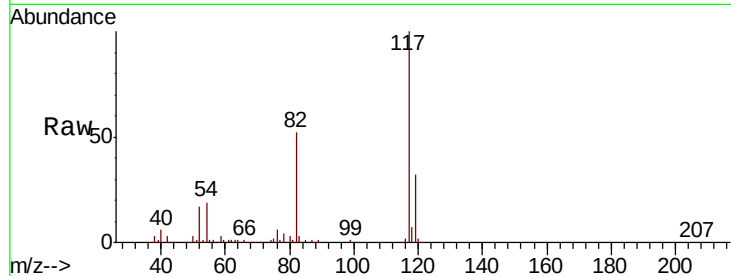




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006683.D
Acq: 06 Nov 2018 13:58

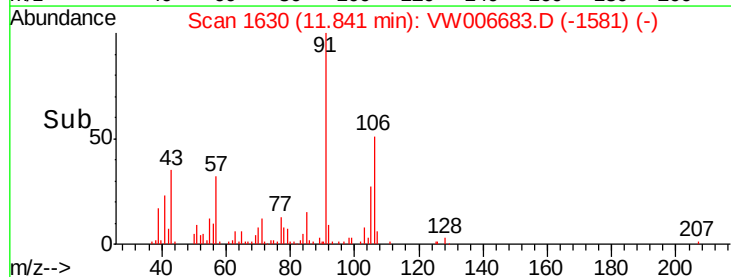
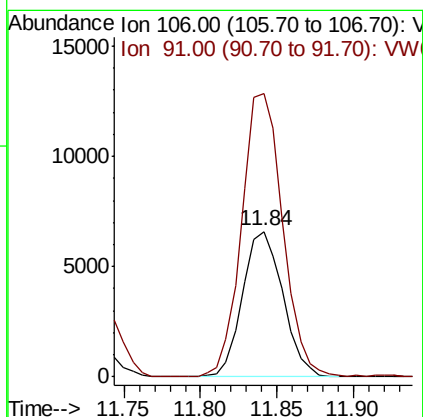
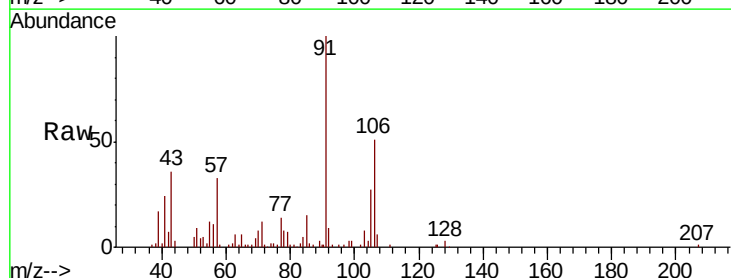
Instrument :
MSVOA_W
ClientSampleId :
TP-11-S

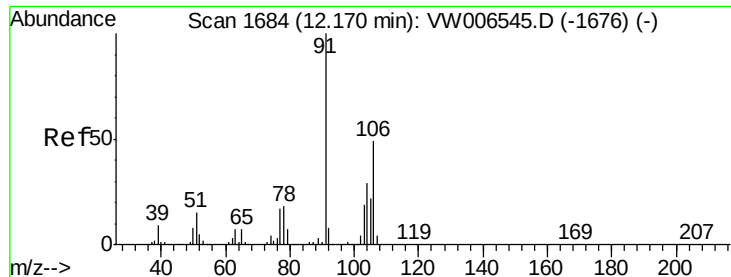
Tot Ion:117 Resp: 204589
Ion Ratio Lower Upper
117 100
82 52.2 40.8 61.2
119 32.4 26.1 39.1



#68
m/p-Xylenes
Concen: 4.205 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006683.D
Acq: 06 Nov 2018 13:58

Tgt Ion:106 Resp: 12089
Ion Ratio Lower Upper
106 100
91 198.3 156.7 235.1

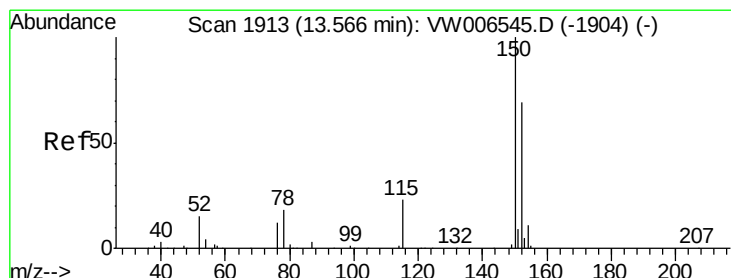
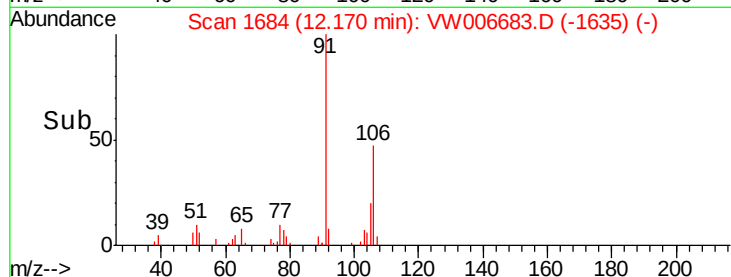
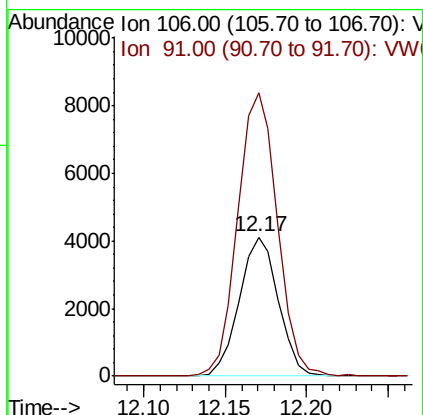
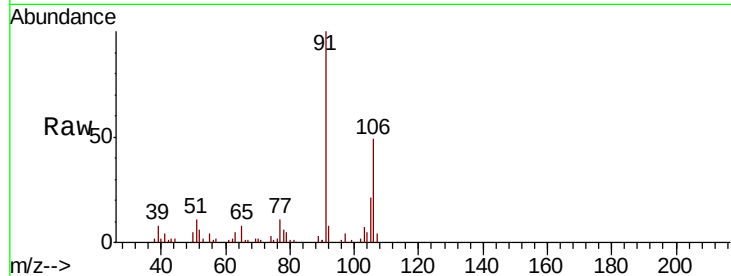




#69
o-Xylene
Concen: 2.499 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006683.D
Acq: 06 Nov 2018 13:58

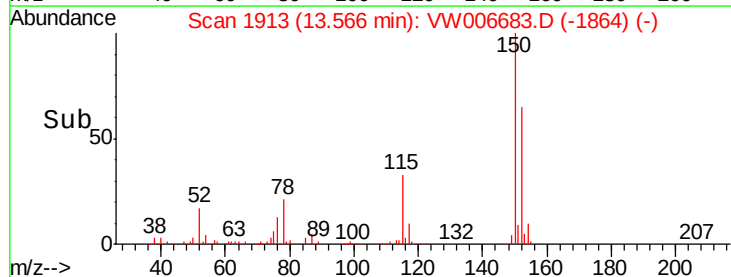
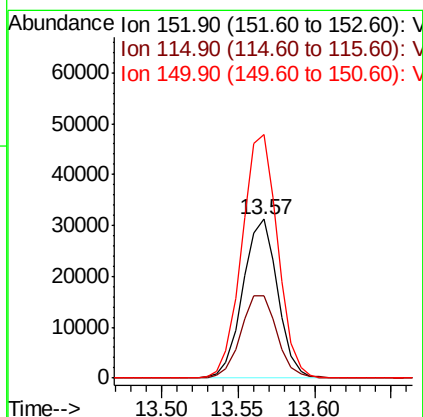
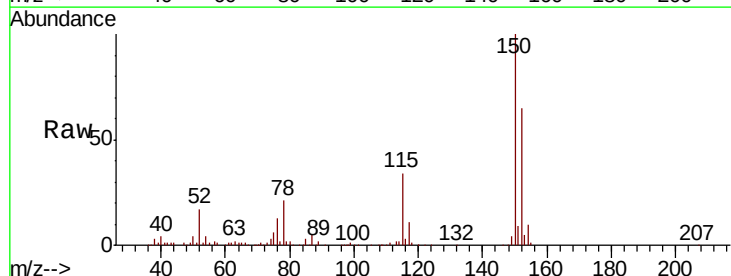
Instrument :
MSVOA_W
ClientSampled :
TP-11-S

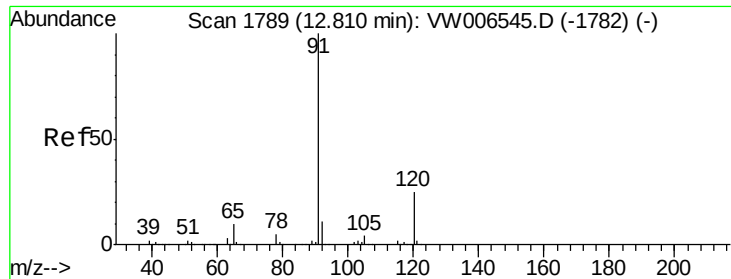
Tot Ion:106 Resp: 6839
Ion Ratio Lower Upper
106 100
91 207.3 102.8 308.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006683.D
Acq: 06 Nov 2018 13:58

Tgt Ion:152 Resp: 49270
Ion Ratio Lower Upper
152 100
115 54.1 26.6 79.8
150 157.4 0.0 344.6





#78

n-propylbenzene

Concen: 1.145 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006683.D

Acq: 06 Nov 2018 13:58

Instrument :

MSVOA_W

ClientSampleId :

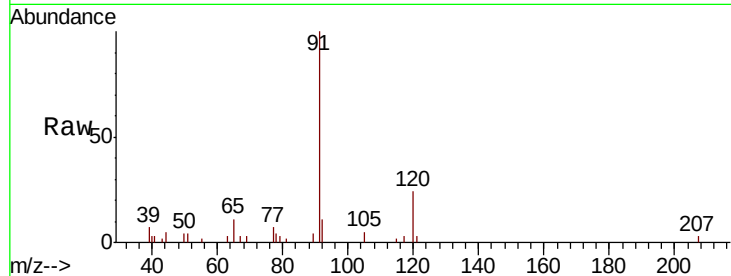
TP-11-S

Tot Ion: 91 Resp: 4274

Ion Ratio Lower Upper

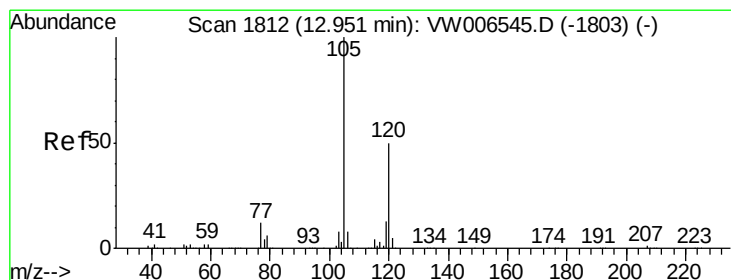
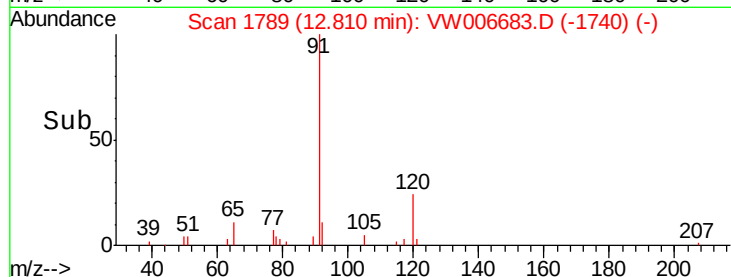
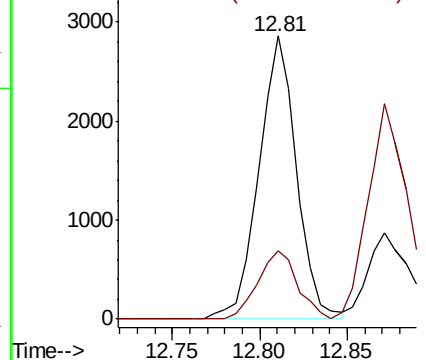
91 100

120 25.4 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 3.960 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006683.D

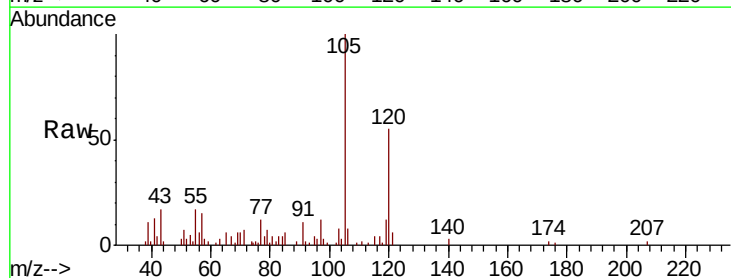
Acq: 06 Nov 2018 13:58

Tgt Ion: 105 Resp: 10797

Ion Ratio Lower Upper

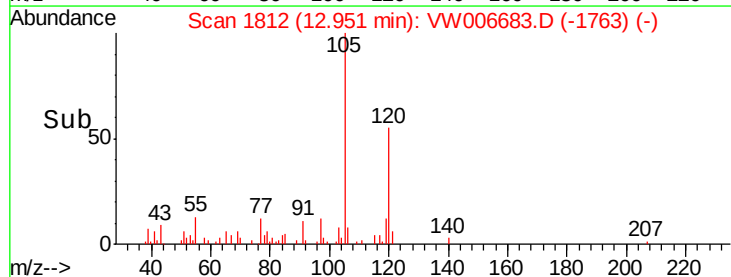
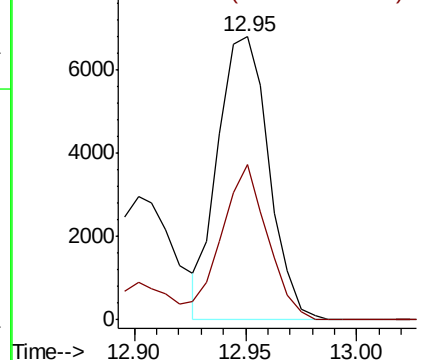
105 100

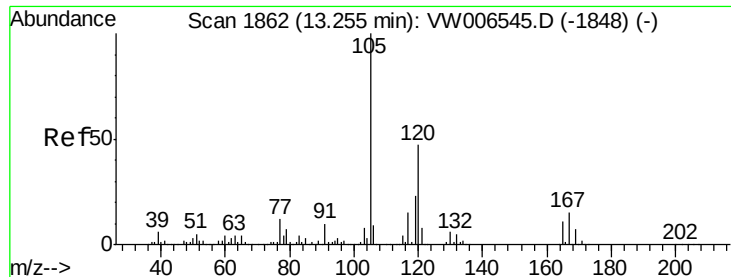
120 50.5 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

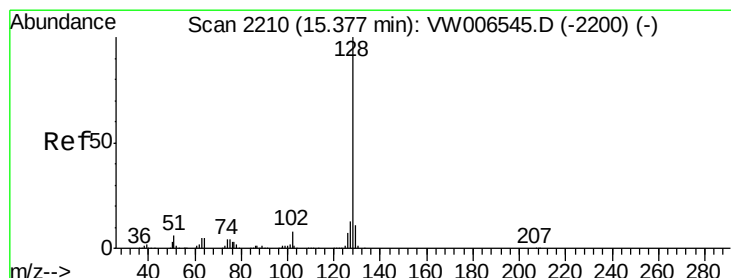
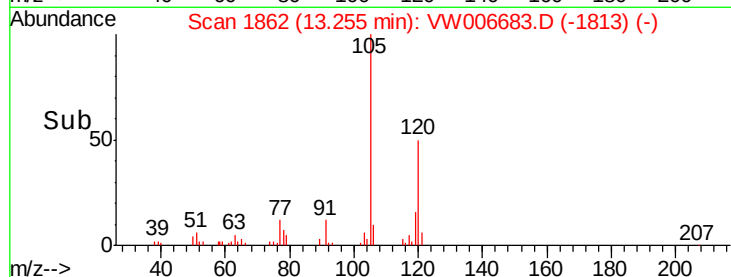
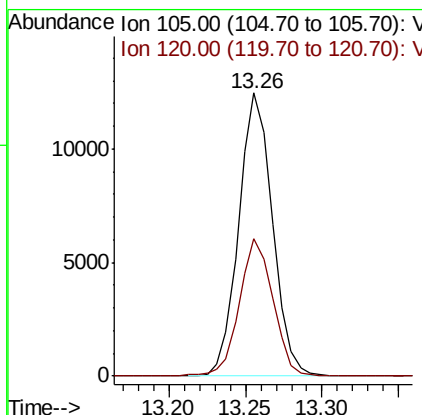
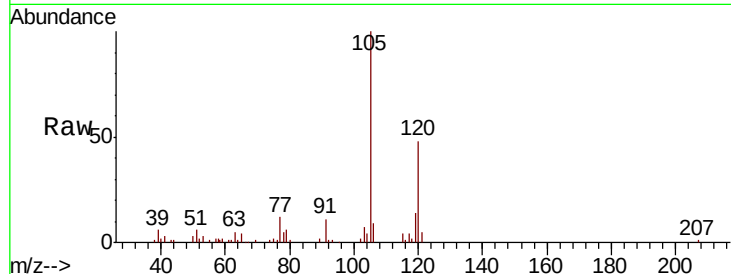




#84
 1,2,4-Trimethylbenzene
 Concen: 6.818 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006683.D
 Acq: 06 Nov 2018 13:58

Instrument :
 MSVOA_W
 ClientSampled :
 TP-11-S

Tot Ion:105 Resp: 19069
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.2 69.6



#95
 Naphthalene
 Concen: 1.428 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW006683.D
 Acq: 06 Nov 2018 13:58

Tgt Ion:128 Resp: 2541
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.3 15.5
 129 13.9 8.7 13.1#

