

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006738.D
 Acq On : 07 Nov 2018 16:07
 Operator : SY/AP
 Sample : J5764-05RE
 Misc : 6.71G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-110218-CRE

Quant Time: Nov 07 16:30:59 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	300160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	460931	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	311486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	167515	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	140359	54.40	ug/l	0.00
Spiked Amount			Recovery	=	108.80%	
35) Dibromofluoromethane	7.88	113	40735	14.08	ug/l	0.00
Spiked Amount			Recovery	=	28.16%	
50) Toluene-d8	10.33	98	384947	34.96	ug/l	0.00
Spiked Amount			Recovery	=	69.92%	
62) 4-Bromofluorobenzene	12.62	95	145734	36.50	ug/l	0.00
Spiked Amount			Recovery	=	73.00%	

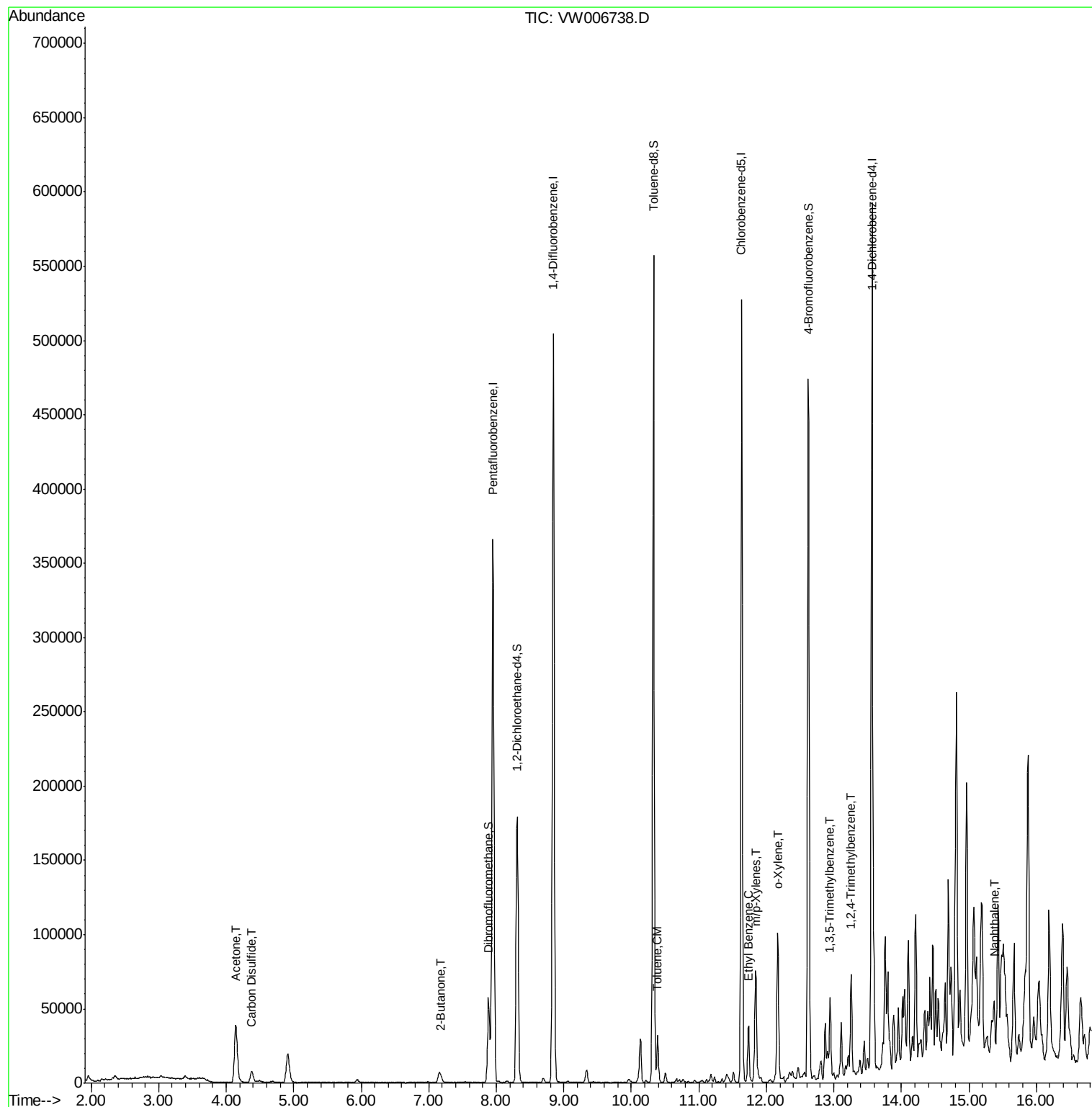
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	76086	182.651	ug/l	94
17) Carbon Disulfide	4.38	76	17150	2.462	ug/l	99
25) 2-Butanone	7.18	43	4164	7.005	ug/l	90
52) Toluene	10.39	92	13169	1.705	ug/l	100
67) Ethyl Benzene	11.74	91	25481	2.326	ug/l	100
68) m/p-Xylenes	11.84	106	20758	4.742	ug/l	98
69) o-Xylene	12.17	106	27035	6.488	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	20534	2.215	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	37935	3.989	ug/l	99
95) Naphthalene	15.38	128	20886	3.453	ug/l #	95

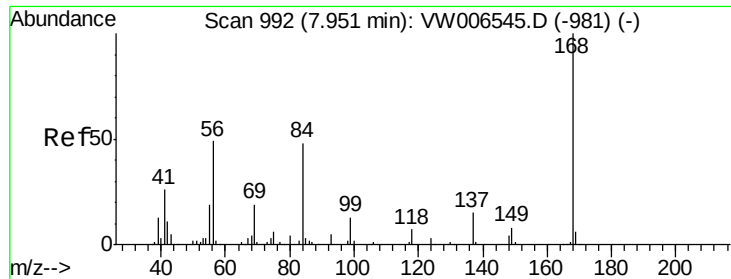
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006738.D

Acq: 07 Nov 2018 16:07

Instrument :

MSVOA_W

ClientSampleId :

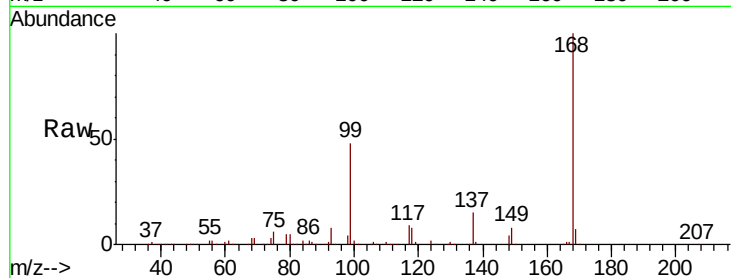
JC-03-110218-CRE

Tot Ion:168 Resp: 300160

Ion Ratio Lower Upper

168 100

99 47.9 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

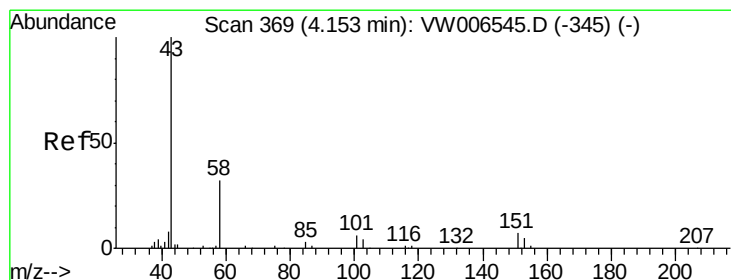
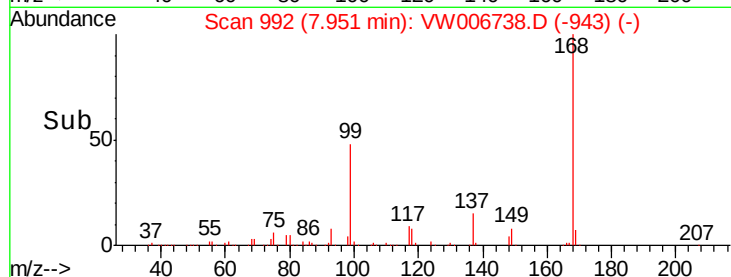
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 182.651 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006738.D

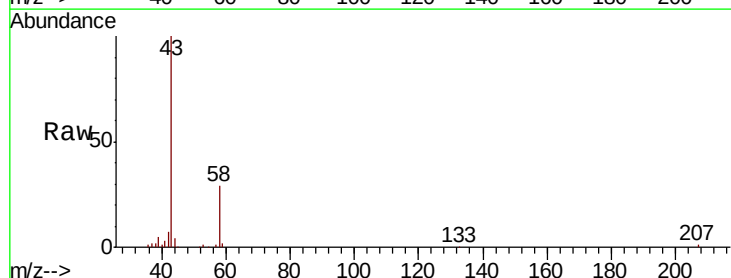
Acq: 07 Nov 2018 16:07

Tgt Ion: 43 Resp: 76086

Ion Ratio Lower Upper

43 100

58 29.1 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

25000

20000

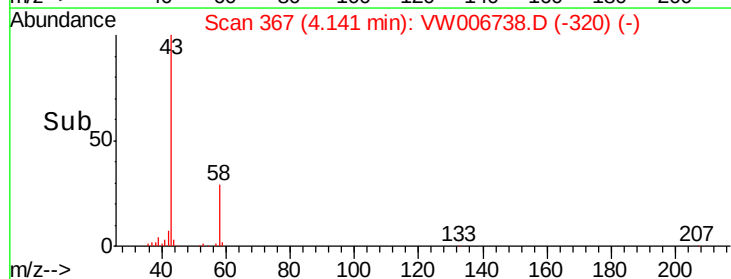
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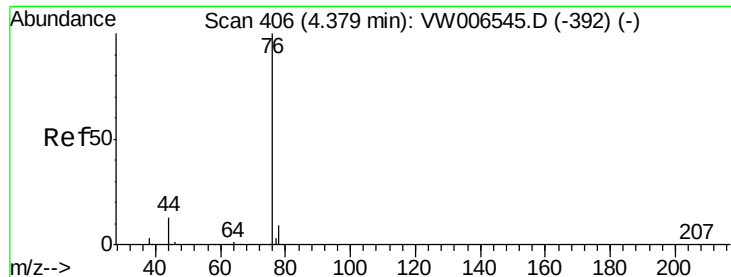
10000

5000

0

Time-->





#17

Carbon Disulfide

Concen: 2.462 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW006738.D

Acq: 07 Nov 2018 16:07

Instrument :

MSVOA_W

ClientSampleId :

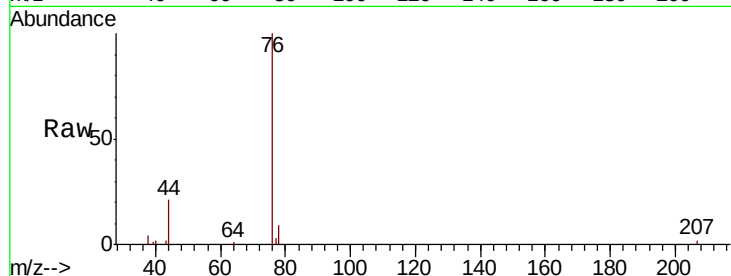
JC-03-110218-CRE

Tot Ion: 76 Resp: 17150

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

6000

5000

4000

3000

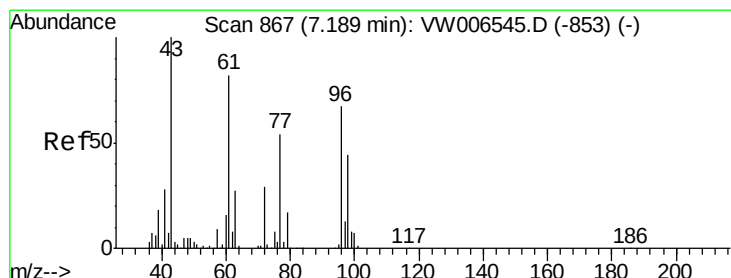
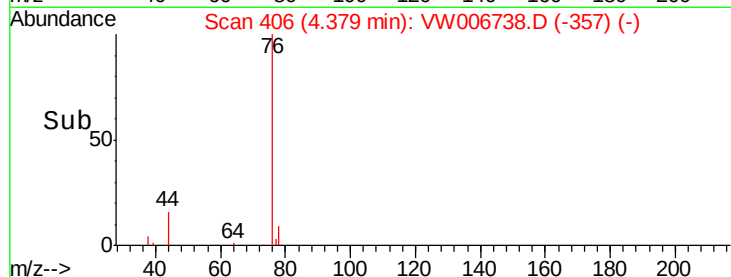
2000

1000

0

4.30 4.40 4.50

Time-->



#25

2-Butanone

Concen: 7.005 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006738.D

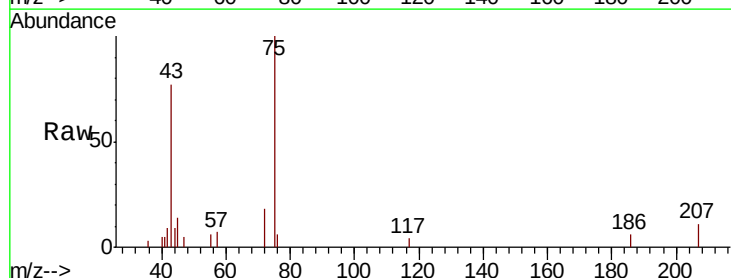
Acq: 07 Nov 2018 16:07

Tgt Ion: 43 Resp: 4164

Ion Ratio Lower Upper

43 100

72 23.8 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

1500

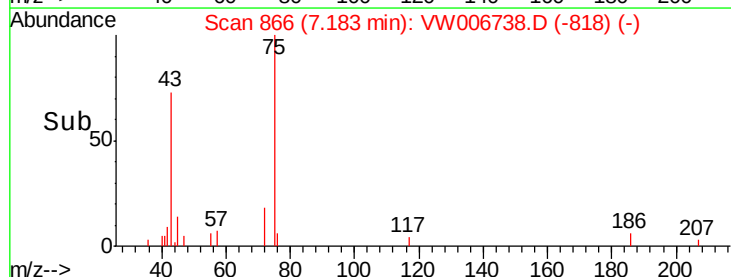
1000

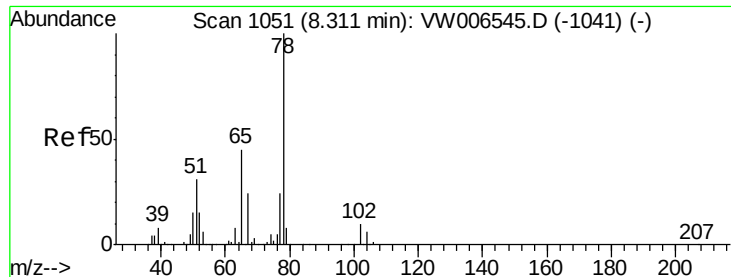
500

0

7.10 7.20 7.30

Time-->

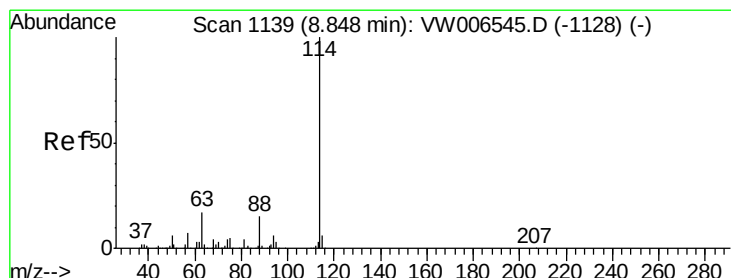
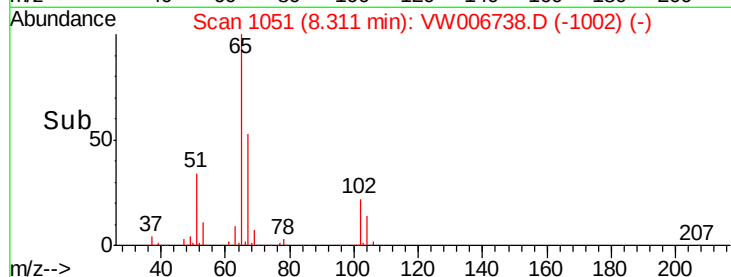
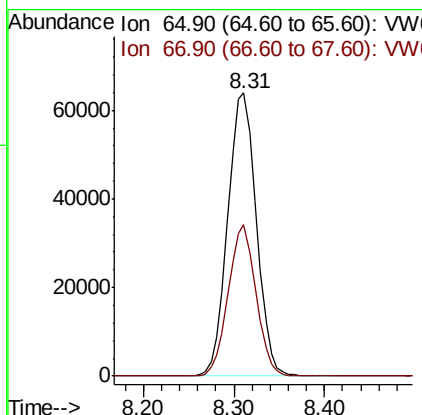
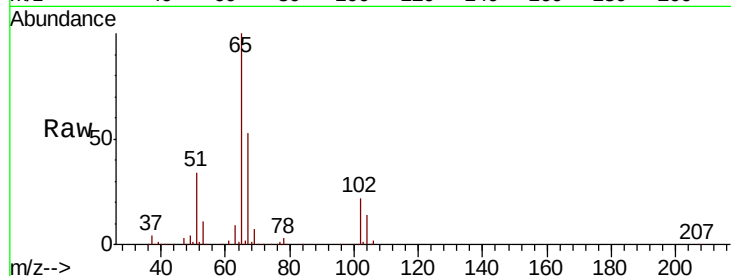




#33
 1,2-Dichloroethane-d4
 Concen: 54.399 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006738.D
 Acq: 07 Nov 2018 16:07

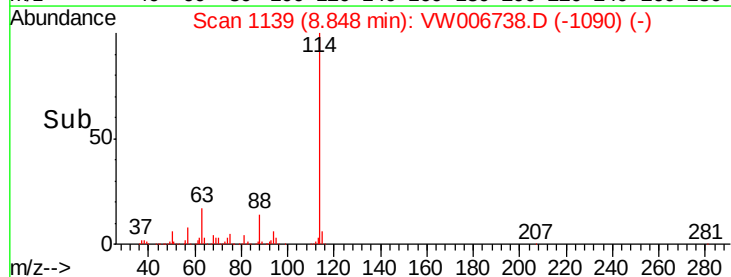
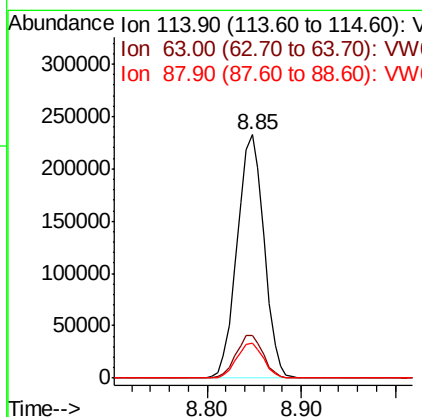
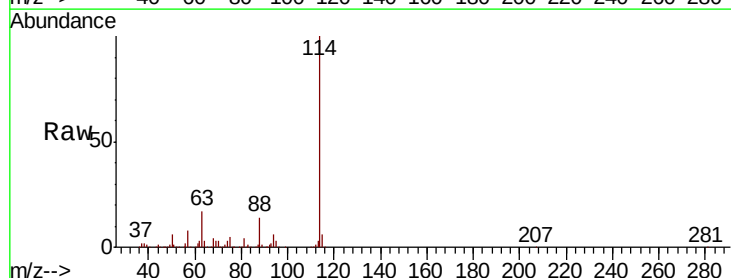
Instrument :
 MSVOA_W
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 JC-03-110218-CRE

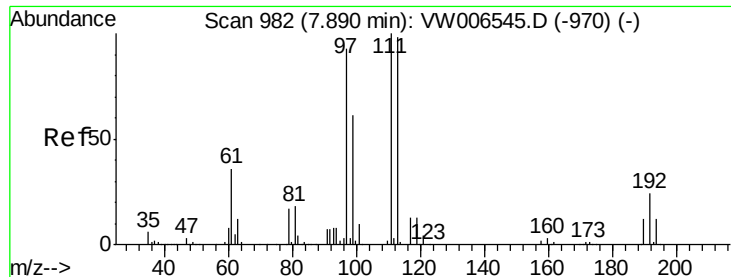
Tot Ion: 65 Resp: 140359
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006738.D
 Acq: 07 Nov 2018 16:07

Tgt Ion: 114 Resp: 460931
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.4
 88 14.3 0.0 29.0

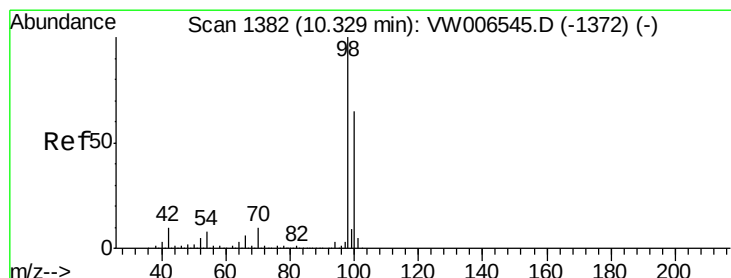
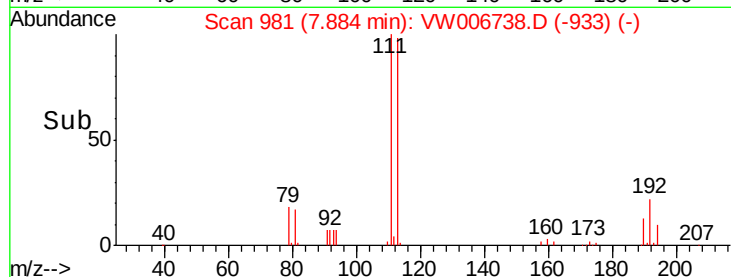
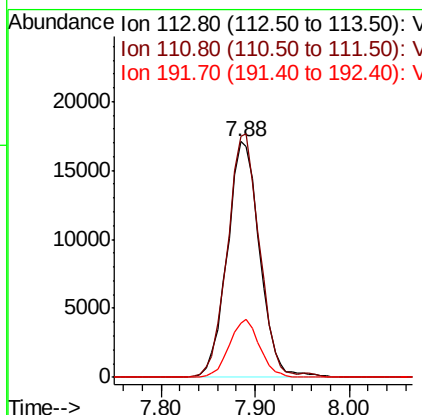
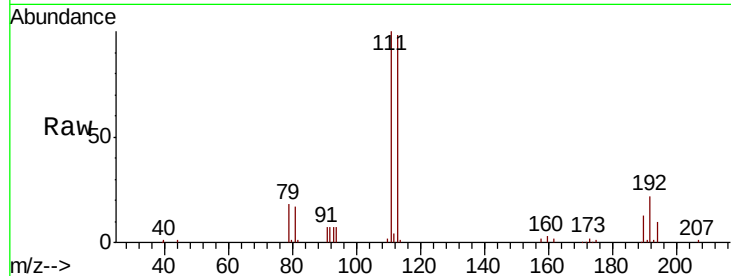




#35
 Dibromofluoromethane
 Concen: 14.082 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006738.D
 Acq: 07 Nov 2018 16:07

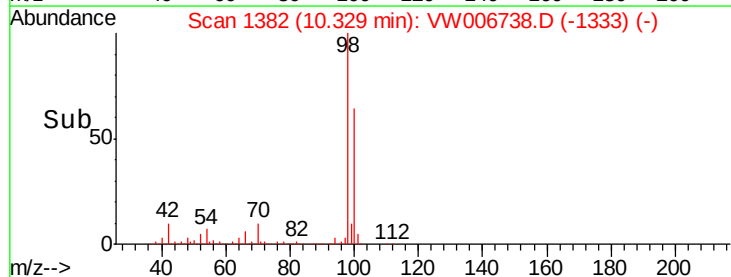
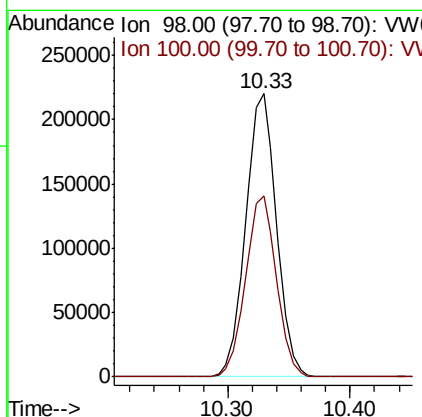
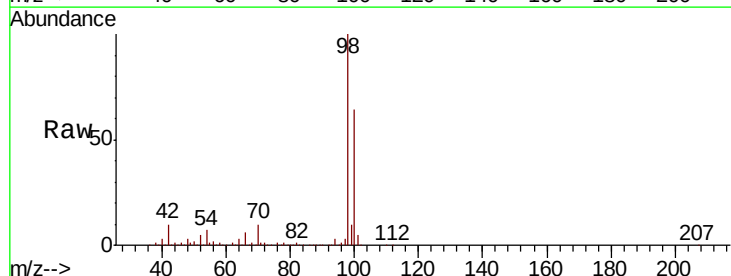
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-110218-CRE

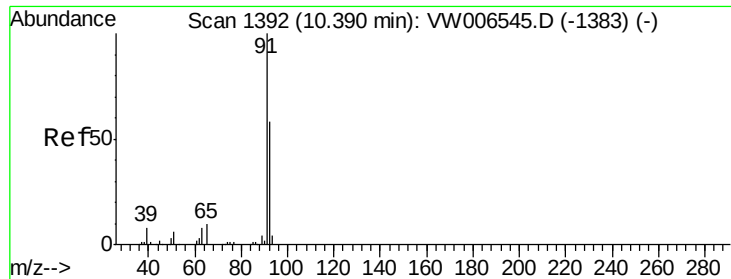
Tot Ion:113 Resp: 40735
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.2 123.2
 192 23.1 19.0 28.6



#50
 Toluene-d8
 Concen: 34.957 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006738.D
 Acq: 07 Nov 2018 16:07

Tgt Ion: 98 Resp: 384947
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.6 77.4





#52

Toluene

Concen: 1.705 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006738.D

Acq: 07 Nov 2018 16:07

Instrument :

MSVOA_W

ClientSampleId :

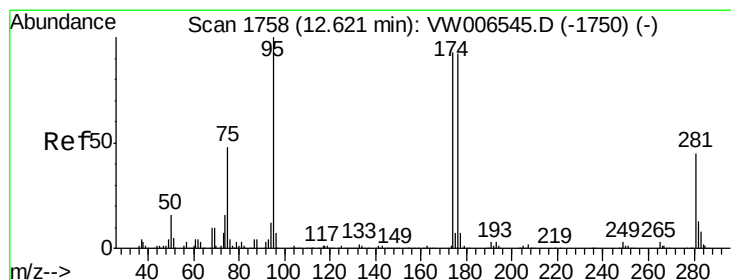
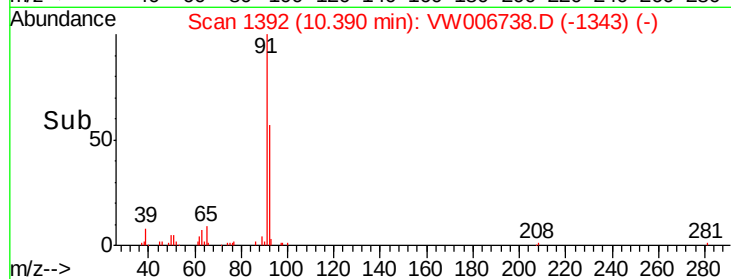
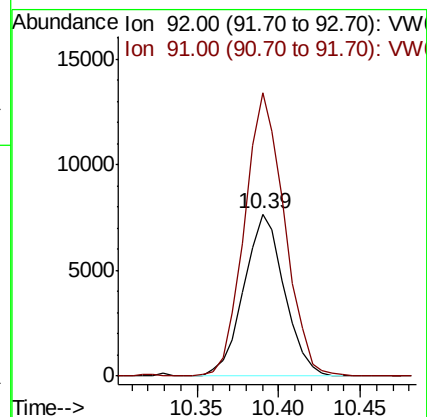
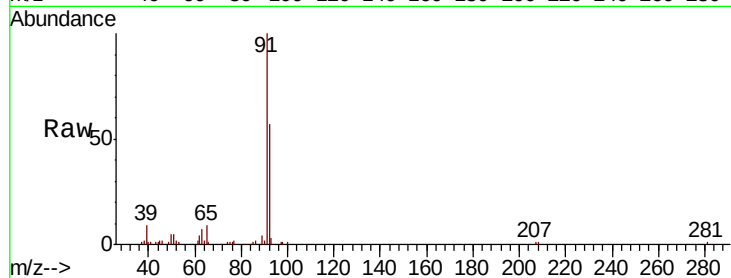
JC-03-110218-CRE

Tot Ion: 92 Resp: 13169

Ion Ratio Lower Upper

92 100

91 173.3 138.6 208.0



#62

4-Bromofluorobenzene

Concen: 36.504 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006738.D

Acq: 07 Nov 2018 16:07

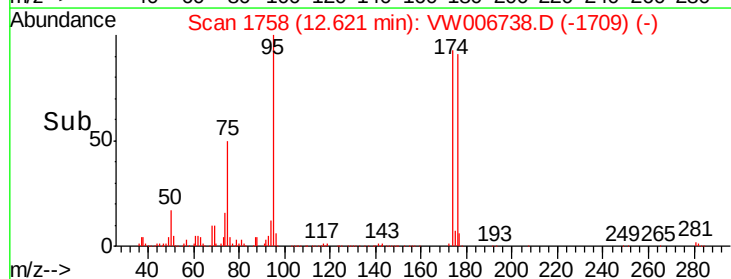
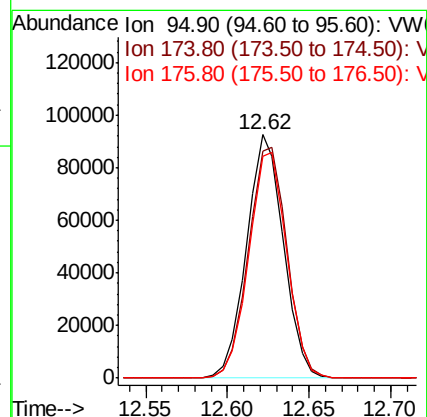
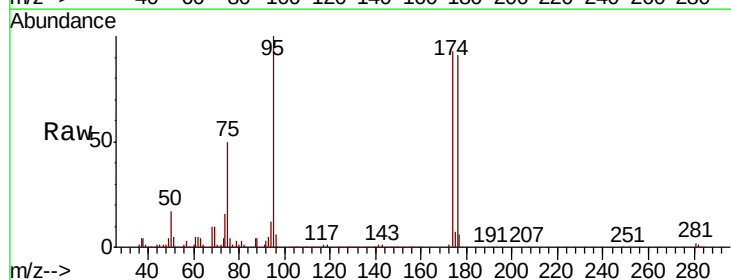
Tgt Ion: 95 Resp: 145734

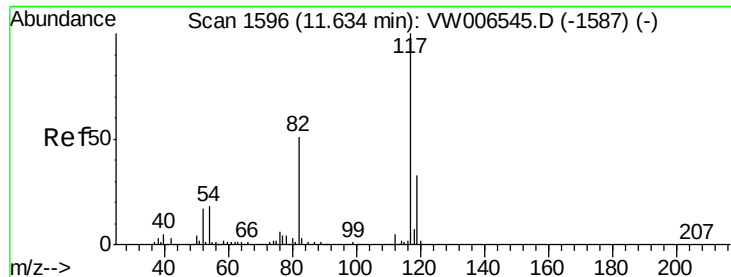
Ion Ratio Lower Upper

95 100

174 99.3 0.0 192.4

176 95.7 0.0 187.4

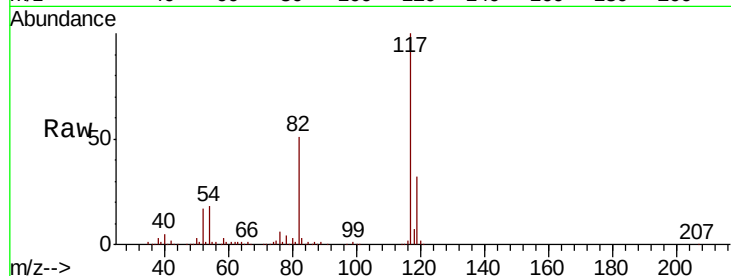




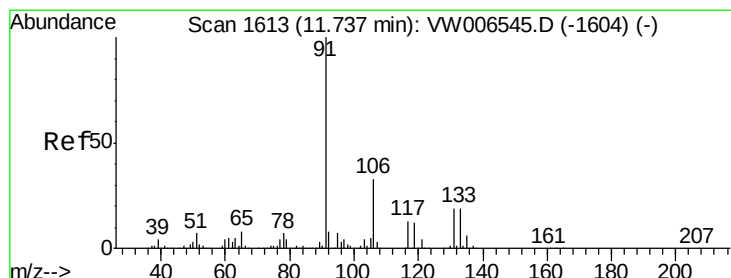
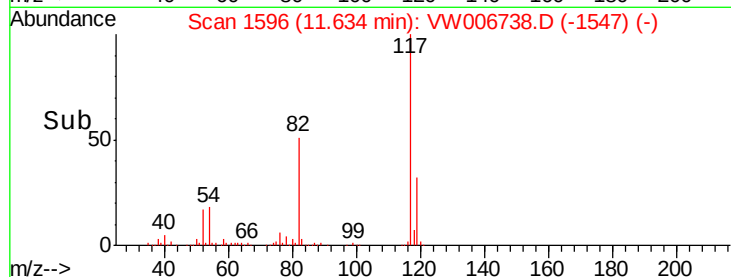
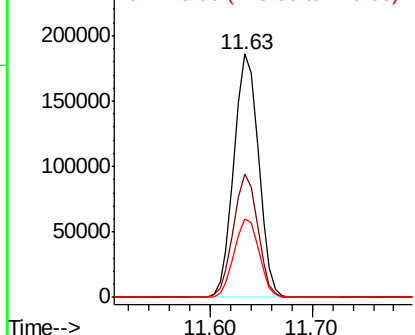
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006738.D
Acq: 07 Nov 2018 16:07

Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-CRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	40.8	61.2
119	32.0	26.1	39.1

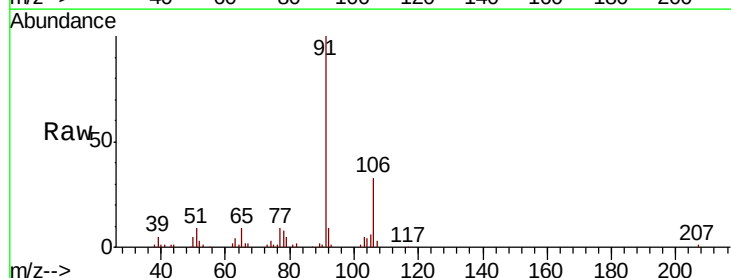


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

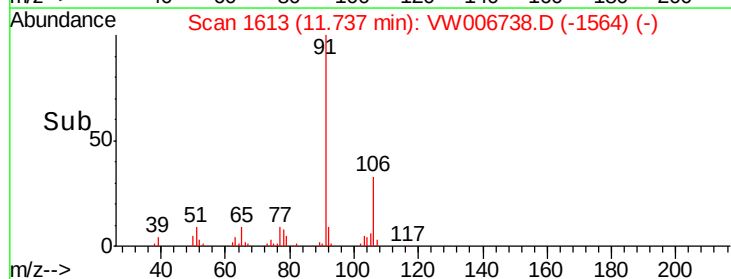
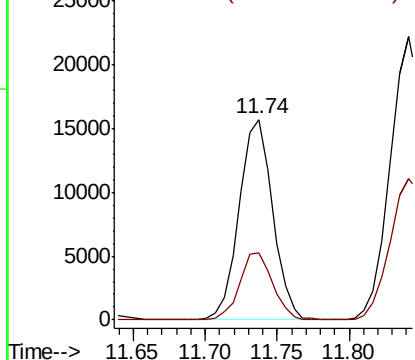


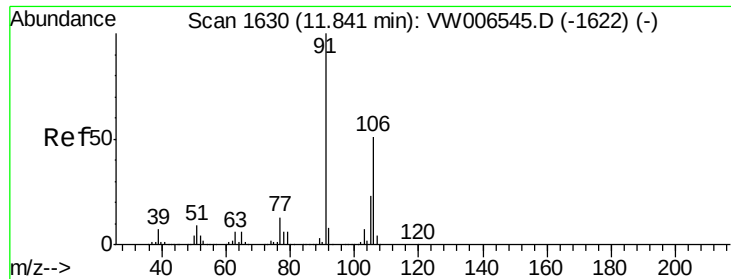
#67
Ethyl Benzene
Concen: 2.326 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006738.D
Acq: 07 Nov 2018 16:07

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.1	26.3	39.5



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 106.00 (105.70 to 106.70): V

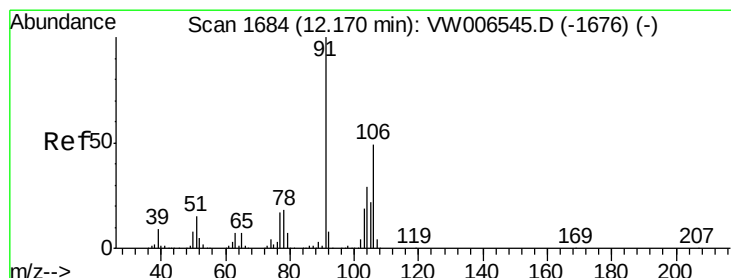
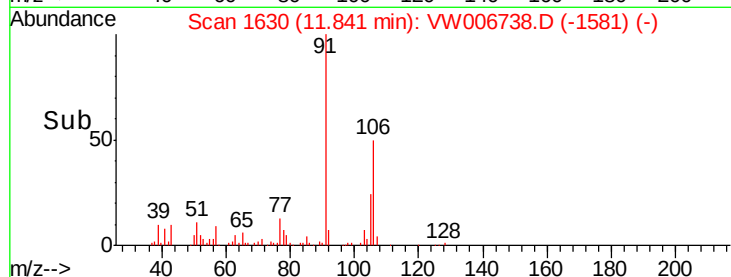
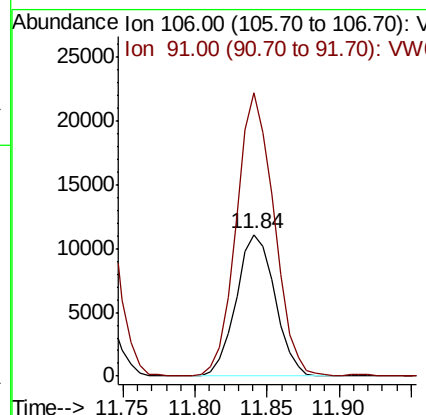
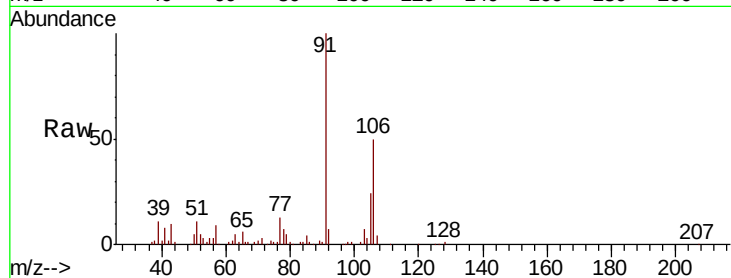




#68
m/p-Xylenes
Concen: 4.742 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006738.D
Acq: 07 Nov 2018 16:07

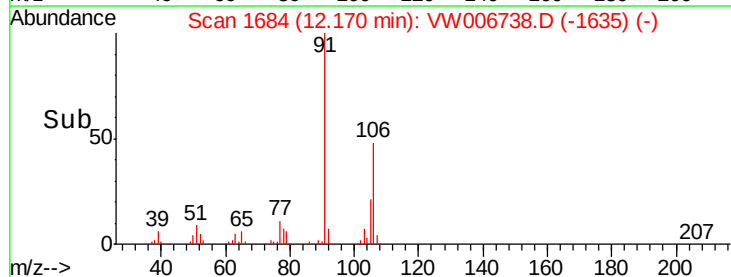
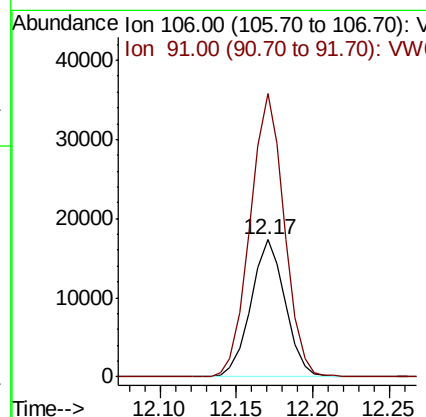
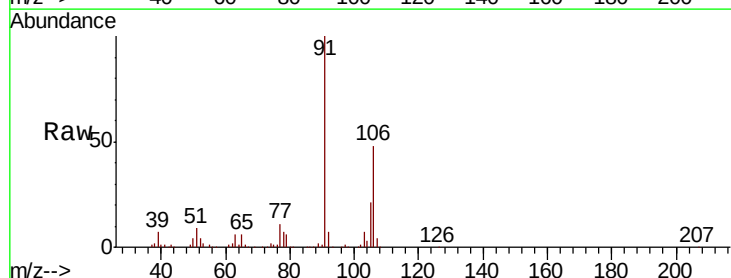
Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-CRE

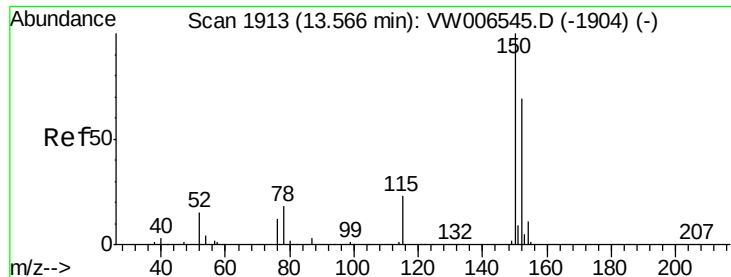
Tot Ion:106 Resp: 20758
Ion Ratio Lower Upper
106 100
91 193.0 156.7 235.1



#69
o-Xylene
Concen: 6.488 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006738.D
Acq: 07 Nov 2018 16:07

Tgt Ion:106 Resp: 27035
Ion Ratio Lower Upper
106 100
91 206.2 102.8 308.4

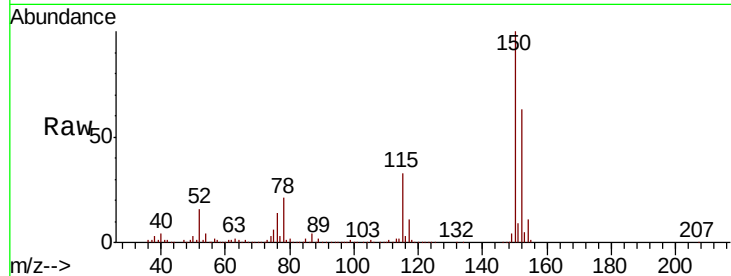




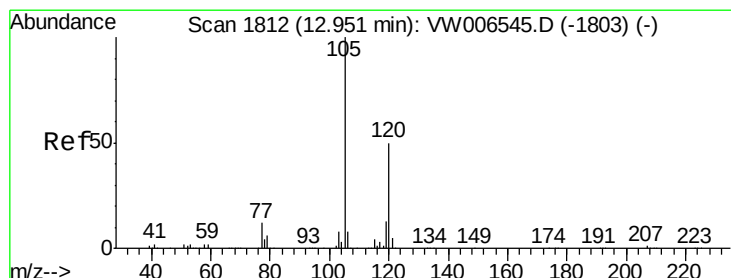
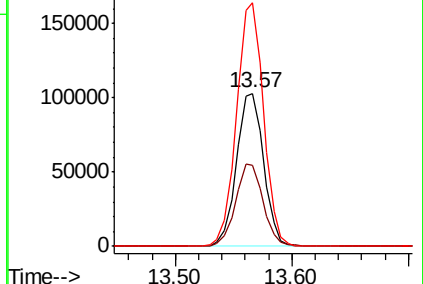
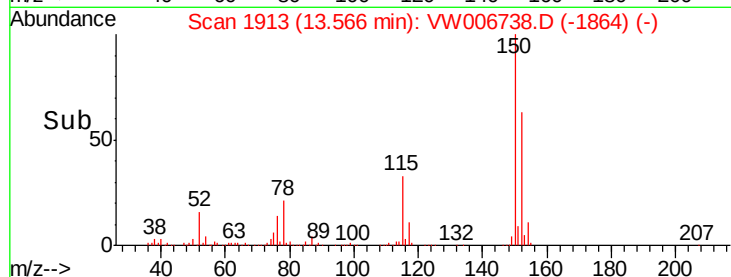
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VW006738.D
 Acq: 07 Nov 2018 16:07

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-110218-CRE

Tot Ion:152 Resp: 167515
 Ion Ratio Lower Upper
 152 100
 115 54.5 26.6 79.8
 150 157.8 0.0 344.6

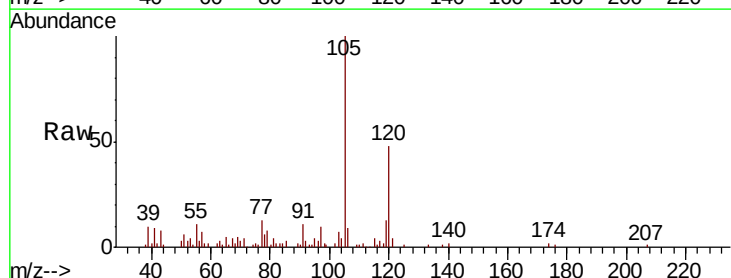


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

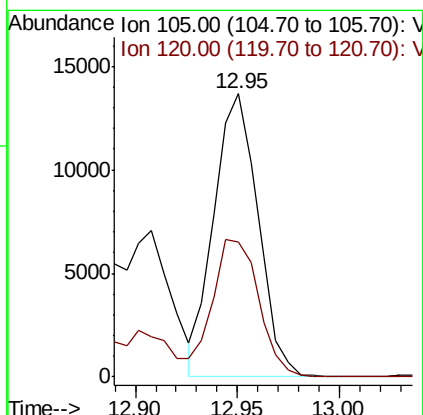
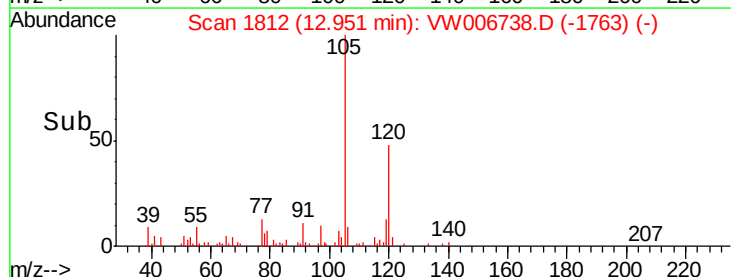


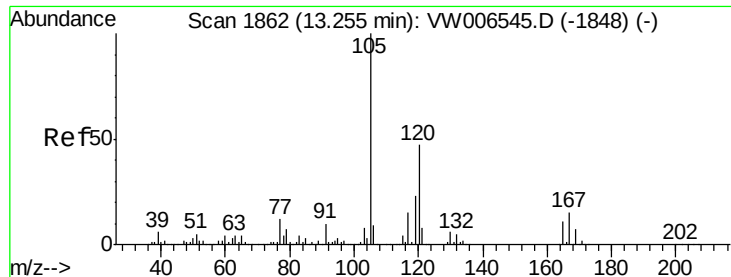
#80
 1,3,5-Trimethylbenzene
 Concen: 2.215 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006738.D
 Acq: 07 Nov 2018 16:07

Tgt Ion:105 Resp: 20534
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.1 75.3



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

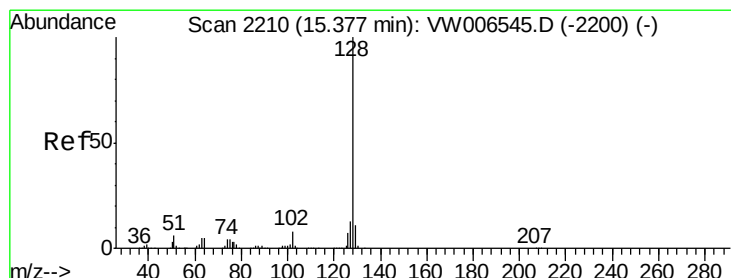
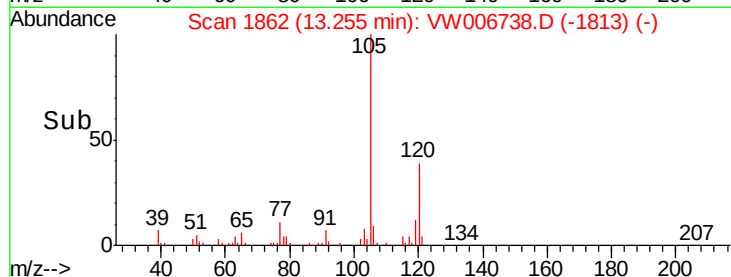
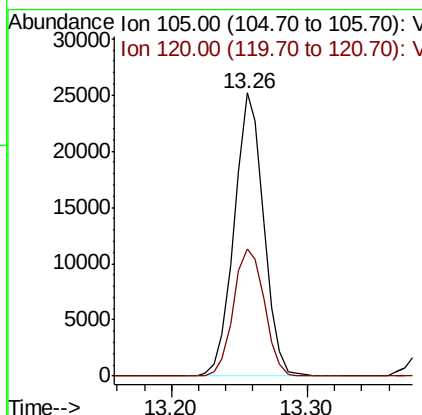
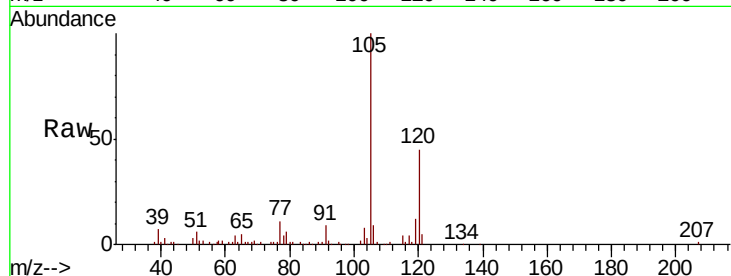




#84
 1,2,4-Trimethylbenzene
 Concen: 3.989 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006738.D
 Acq: 07 Nov 2018 16:07

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-110218-CRE

Tot Ion:105 Resp: 37935
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.2 69.6



#95
 Naphthalene
 Concen: 3.453 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW006738.D
 Acq: 07 Nov 2018 16:07

Tgt Ion:128 Resp: 20886
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.3 15.5
 129 7.8 8.7 13.1#

