

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006661.D
 Acq On : 06 Nov 2018 03:45
 Operator : SY/AP
 Sample : J5764-09
 Misc : 6.21G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

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

Quant Time: Nov 06 05:42:20 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	229547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	354757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	298006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	122986	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	89532	45.37	ug/l	0.00
Spiked Amount						
			Recovery	=	90.74%	
35) Dibromofluoromethane	7.88	113	1286	0.58	ug/l	0.00
Spiked Amount						
			Recovery	=	1.16%	
50) Toluene-d8	10.33	98	304770	35.96	ug/l	0.00
Spiked Amount						
			Recovery	=	71.92%	
62) 4-Bromofluorobenzene	12.62	95	91770	29.87	ug/l	0.00
Spiked Amount						
			Recovery	=	59.74%	

Target Compounds

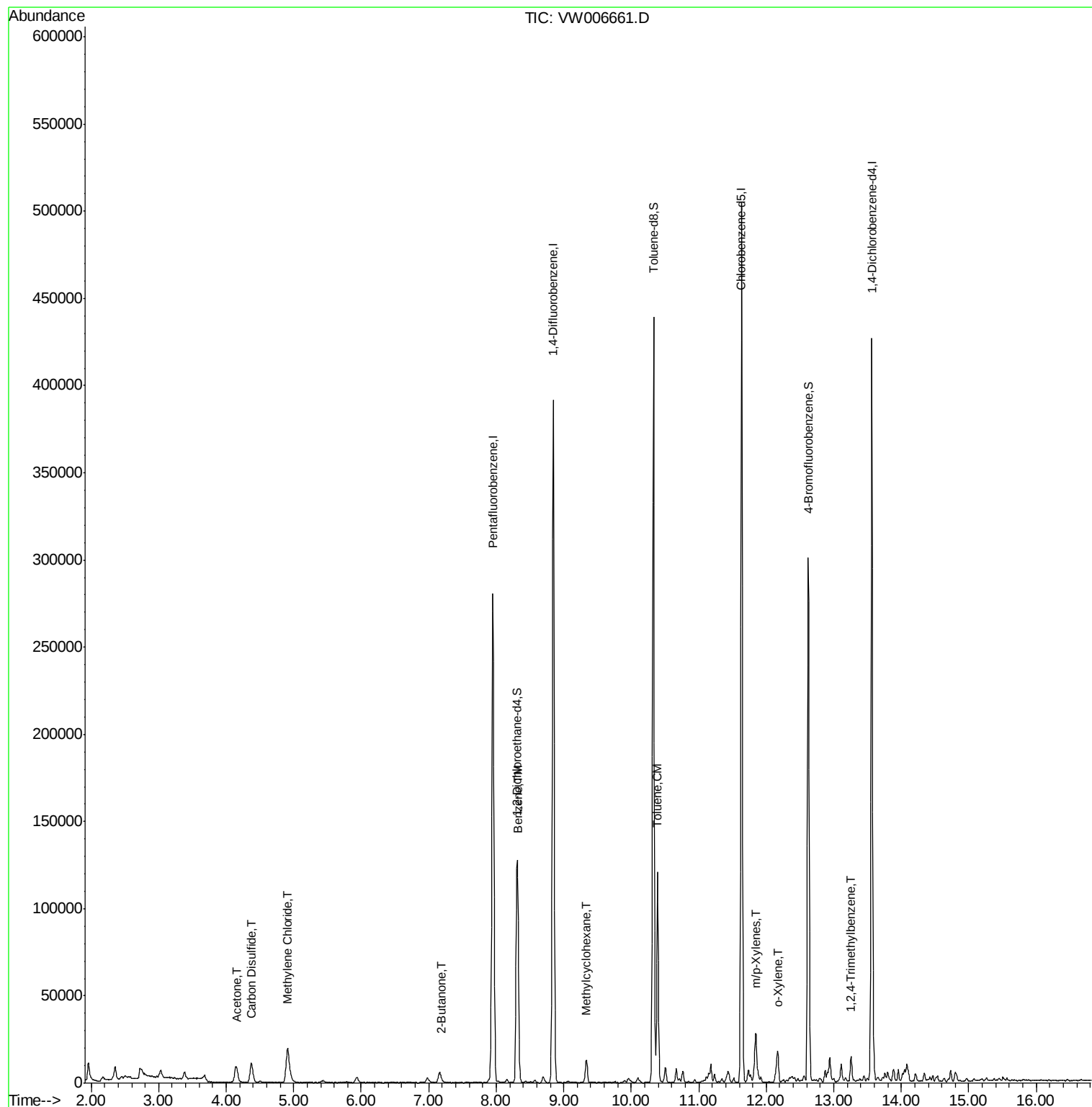
					Qvalue
16) Acetone	4.15	43	19353	60.750	ug/l 93
17) Carbon Disulfide	4.37	76	25879	4.857	ug/l 98
20) Methylene Chloride	4.91	84	17063	2.602	ug/l 93
25) 2-Butanone	7.20	43	2252	4.954	ug/l 98
39) Methylcyclohexane	9.34	83	5595	1.413	ug/l 97
40) Benzene	8.32	78	31693	3.577	ug/l 99
52) Toluene	10.39	92	50724	8.535	ug/l 99
68) m/p-Xylenes	11.84	106	7312	1.746	ug/l 99
69) o-Xylene	12.17	106	4255	1.067	ug/l 99
84) 1,2,4-Trimethylbenzene	13.26	105	8087	1.158	ug/l 98

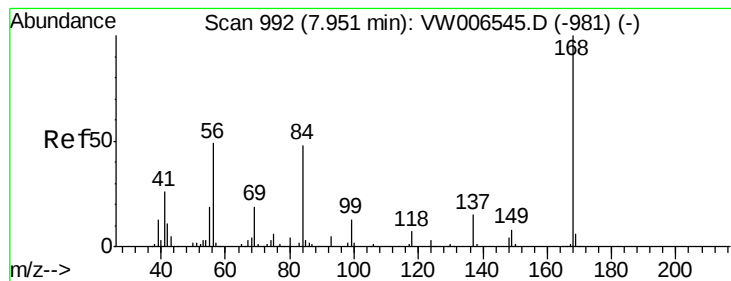
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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JC-03-110218-E

Quant Time: Nov 06 05:42:20 2018
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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: VW006661.D

Acq: 06 Nov 2018 03:45

Instrument :

MSVOA_W

ClientSampleId :

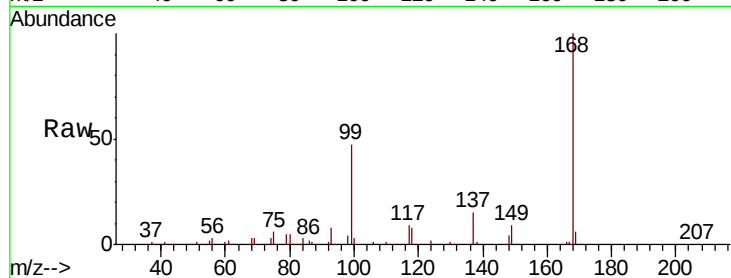
JC-03-110218-E

Tot Ion:168 Resp: 229547

Ion Ratio Lower Upper

168 100

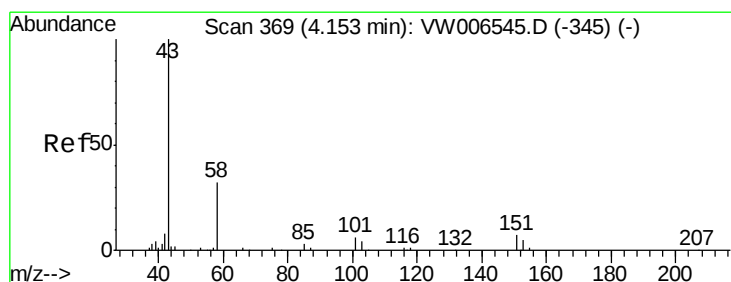
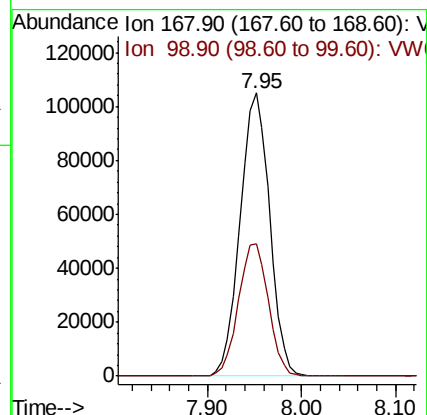
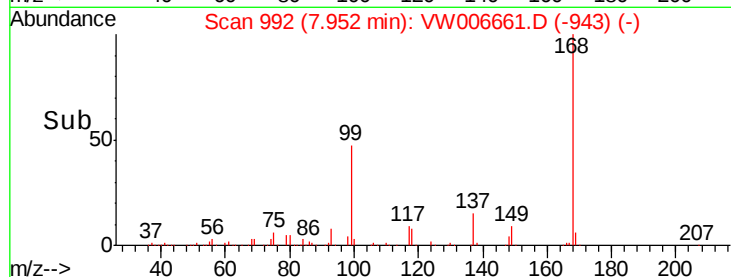
99 46.6 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95



#16

Acetone

Concen: 60.750 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.00 min

Lab File: VW006661.D

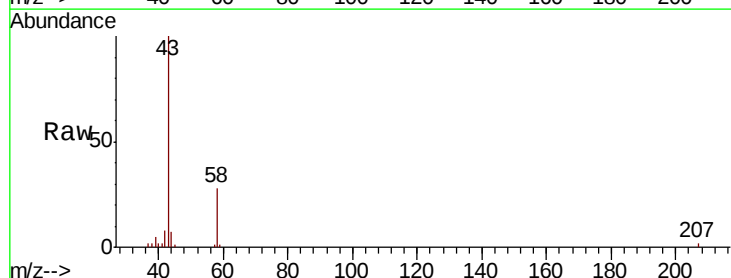
Acq: 06 Nov 2018 03:45

Tgt Ion: 43 Resp: 19353

Ion Ratio Lower Upper

43 100

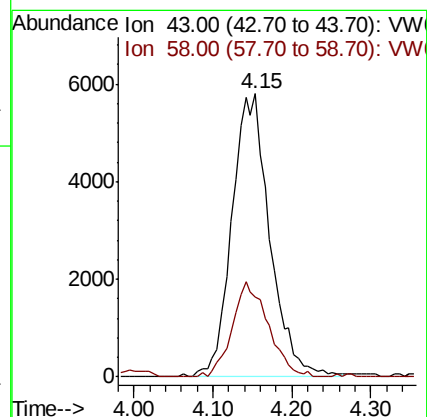
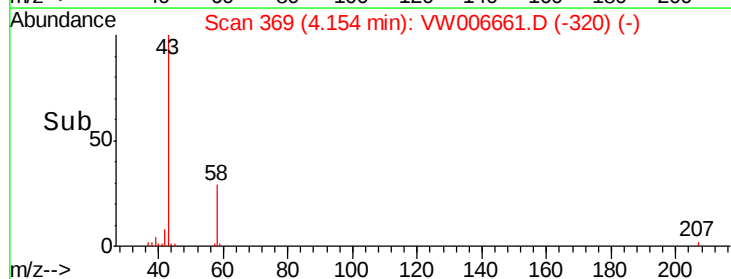
58 28.3 25.8 38.8

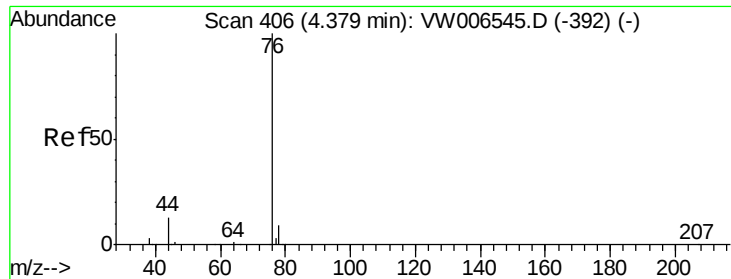


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

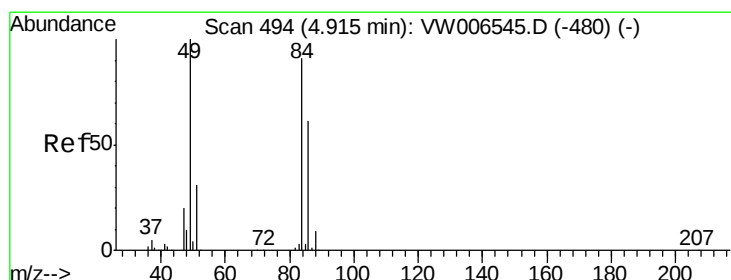
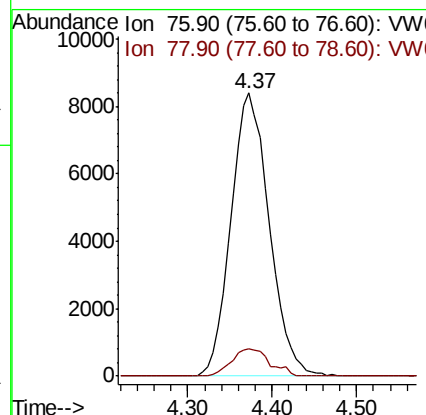
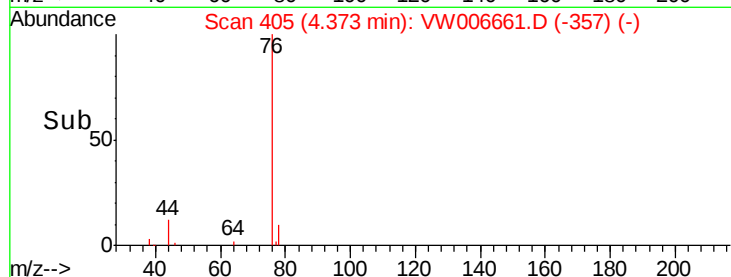
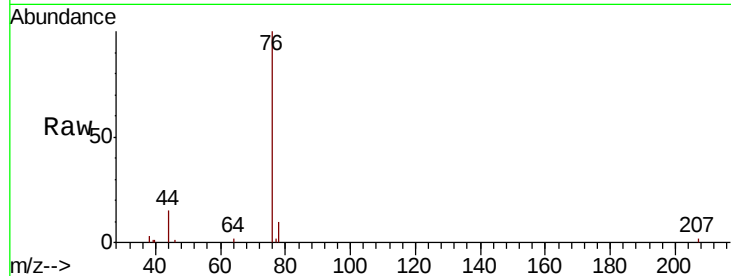




#17
Carbon Disulfide
Concen: 4.857 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006661.D
Acq: 06 Nov 2018 03:45

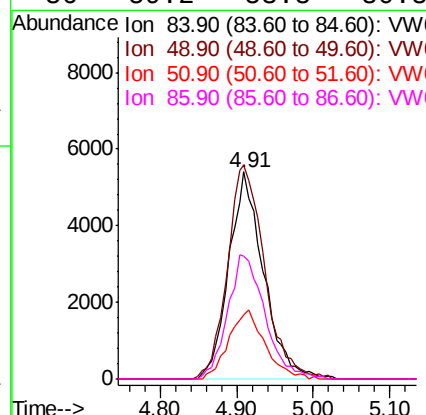
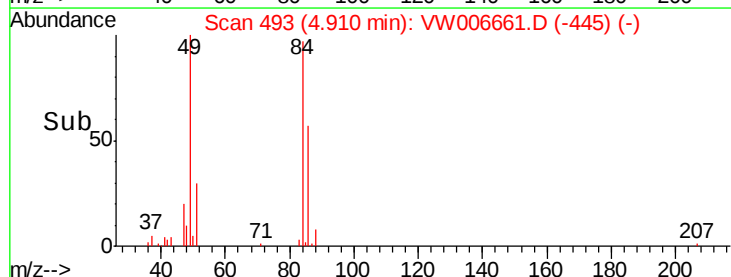
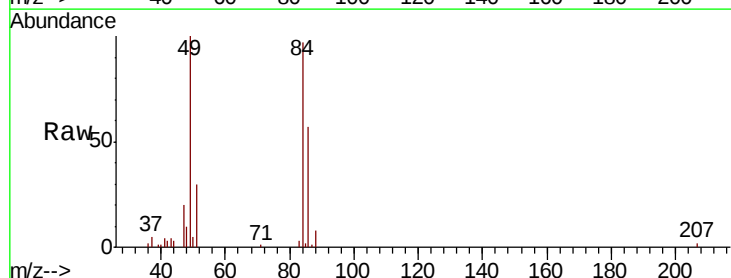
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MSVOA_W
ClientSampleId :
JC-03-110218-E

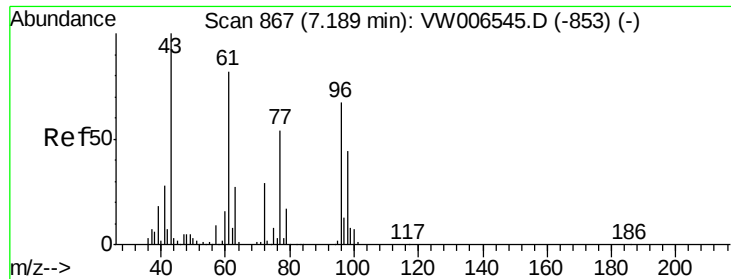
Tot Ion: 76 Resp: 25879
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9



#20
Methylene Chloride
Concen: 2.602 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006661.D
Acq: 06 Nov 2018 03:45

Tgt Ion: 84 Resp: 17063
Ion Ratio Lower Upper
84 100
49 103.3 88.2 132.4
51 31.1 27.0 40.6
86 59.2 53.8 80.8

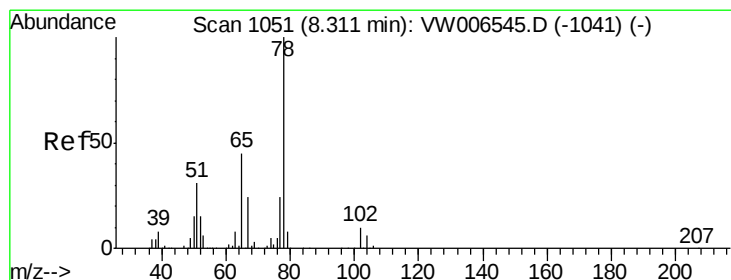
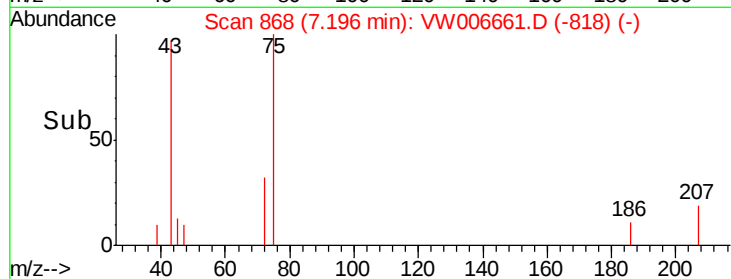
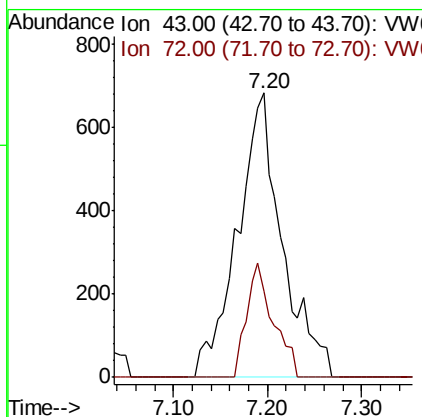
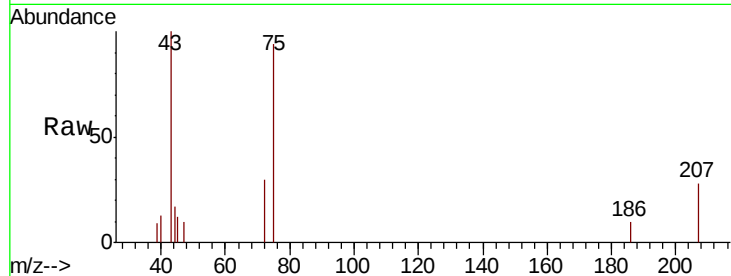




#25
2-Butanone
Concen: 4.954 ug/l
RT: 7.20 min Scan# 868
Delta R.T. 0.01 min
Lab File: VW006661.D
Acq: 06 Nov 2018 03:45

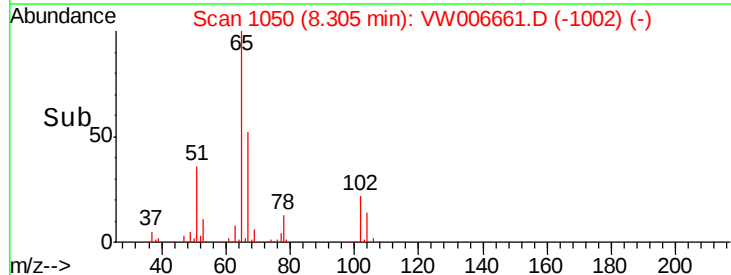
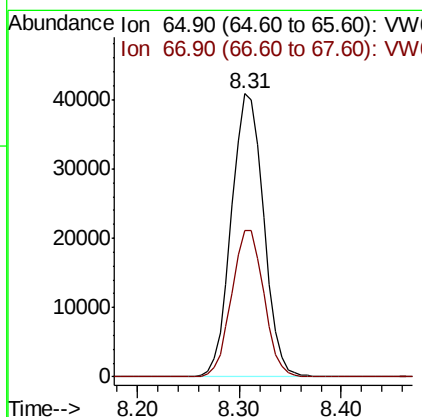
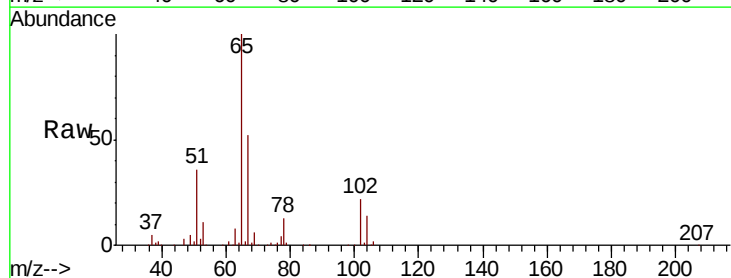
Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-E

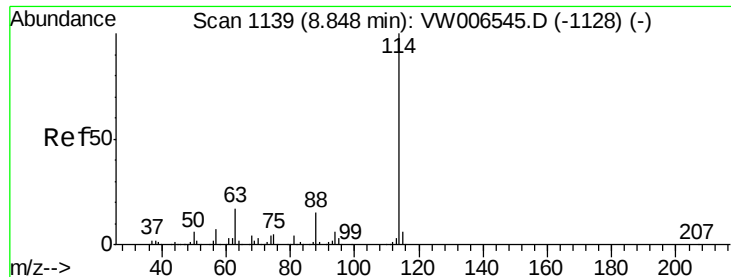
Tot Ion: 43 Resp: 2252
Ion Ratio Lower Upper
43 100
72 30.2 23.2 34.8



#33
1,2-Dichloroethane-d4
Concen: 45.375 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006661.D
Acq: 06 Nov 2018 03:45

Tgt Ion: 65 Resp: 89532
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.4

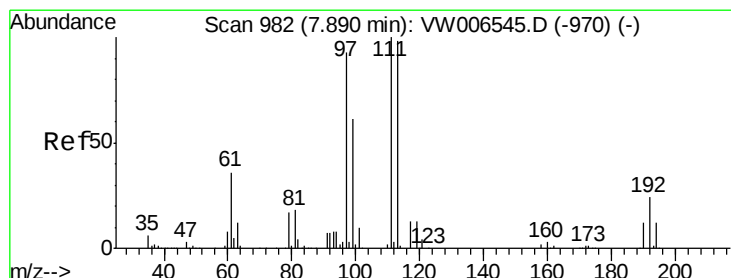
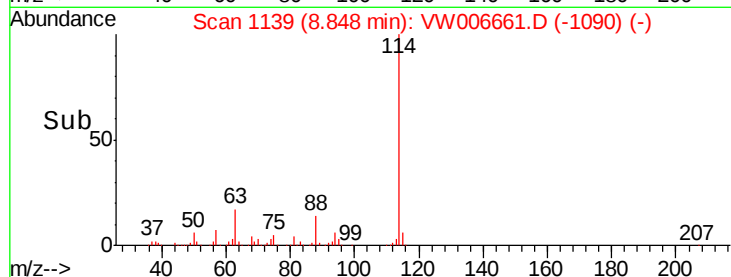
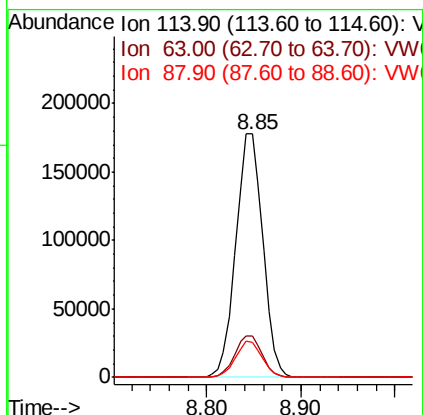
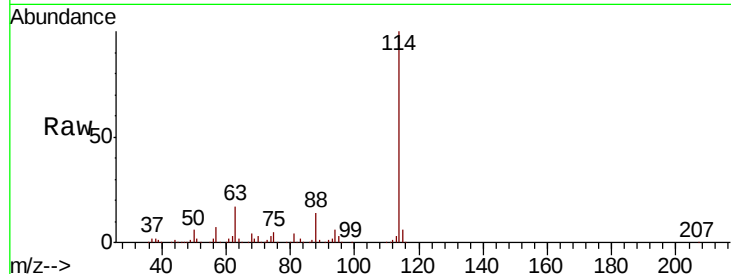




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006661.D
 Acq: 06 Nov 2018 03:45

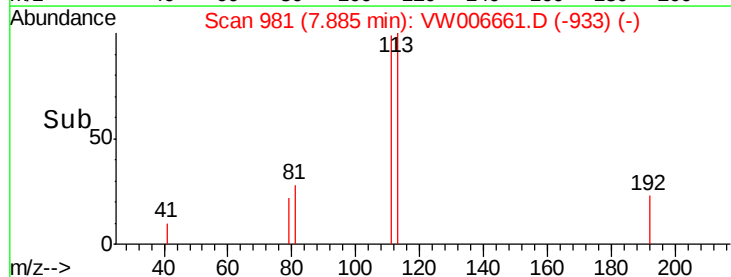
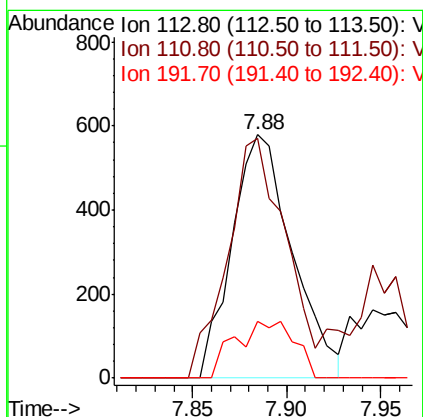
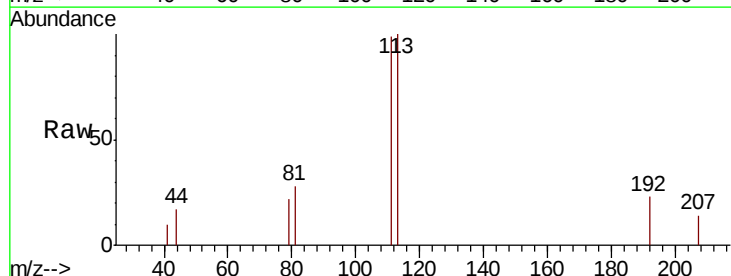
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-110218-E

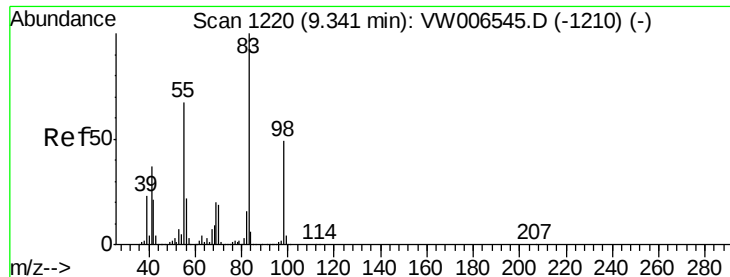
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	34.4
88	14.2	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 0.578 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006661.D
 Acq: 06 Nov 2018 03:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	94.5	82.2	123.2
192	23.1	19.0	28.6

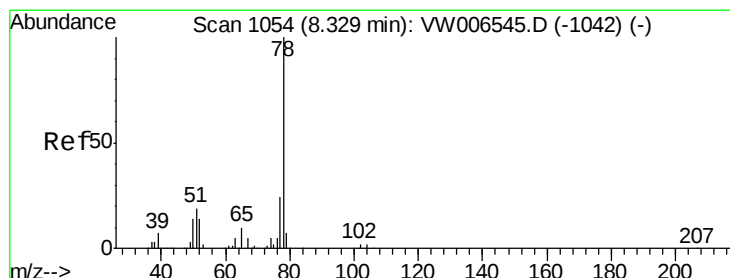
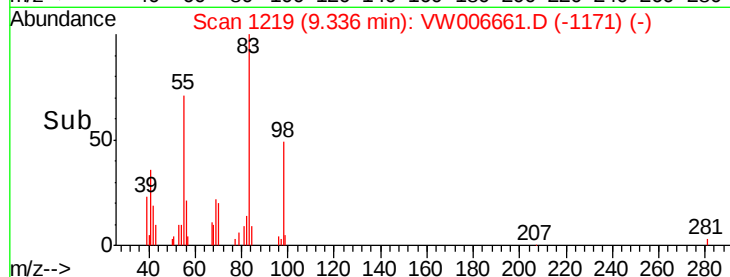
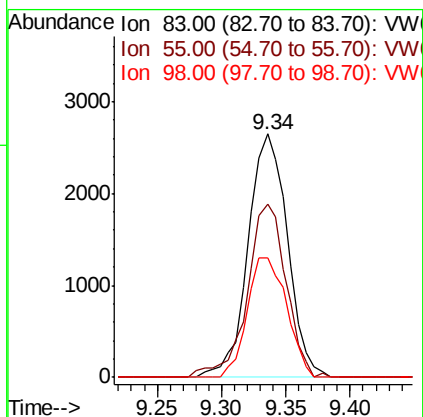
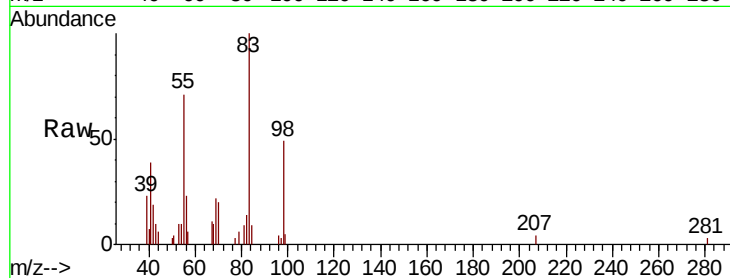




#39
Methvlcvclohexane
Concen: 1.413 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006661.D
Acq: 06 Nov 2018 03:45

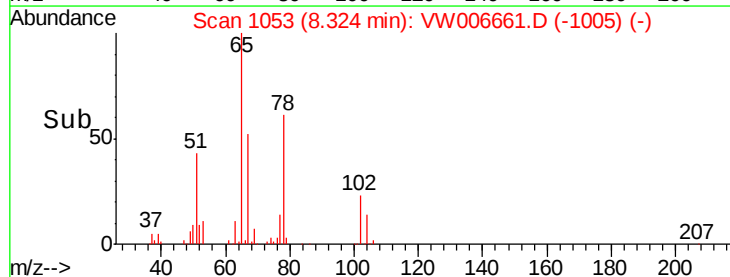
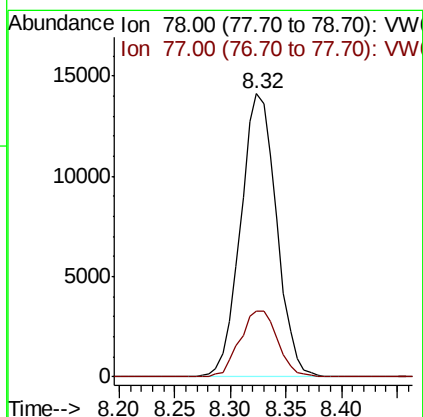
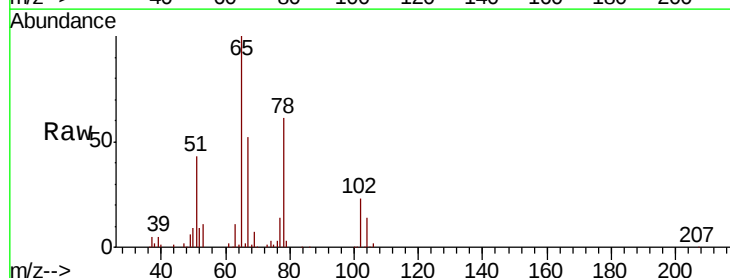
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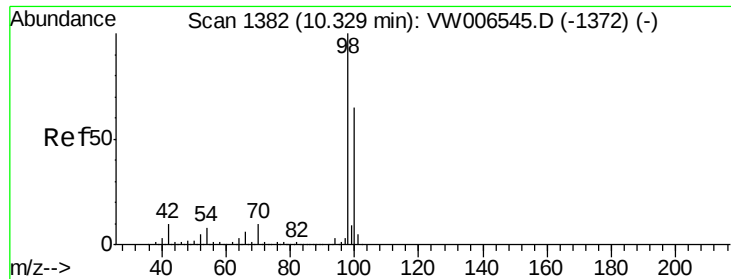
Tot Ion: 83 Resp: 5595
Ion Ratio Lower Upper
83 100
55 71.0 53.7 80.5
98 49.3 39.2 58.8



#40
Benzene
Concen: 3.577 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006661.D
Acq: 06 Nov 2018 03:45

Tgt Ion: 78 Resp: 31693
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8





#50

Toluene-d8

Concen: 35.959 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006661.D

Acq: 06 Nov 2018 03:45

Instrument :

MSVOA_W

ClientSampleId :

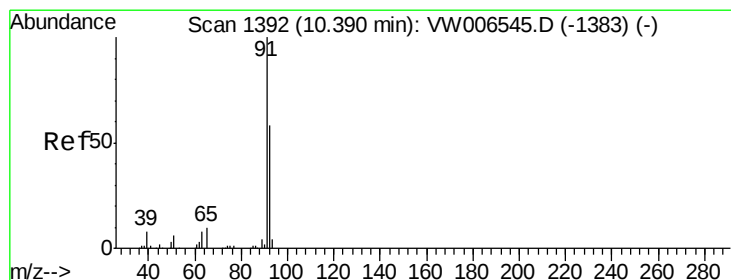
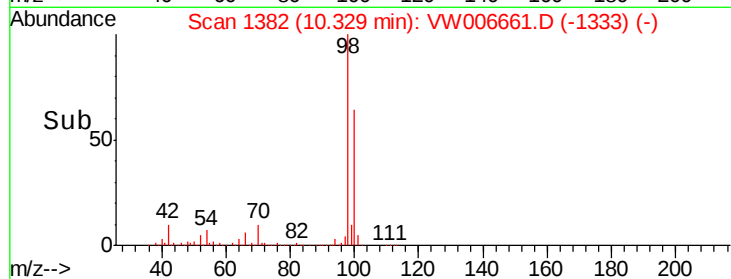
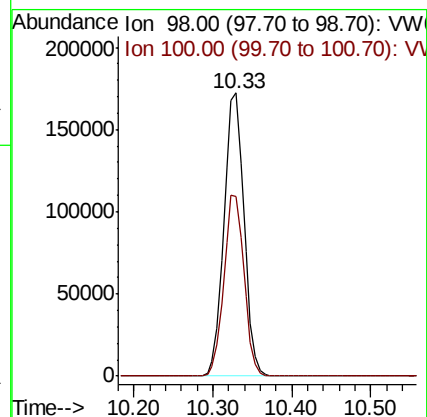
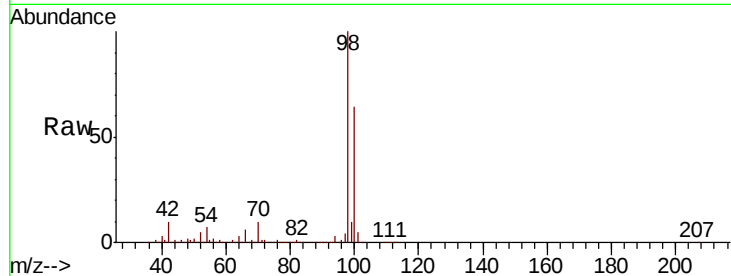
JC-03-110218-E

Tot Ion: 98 Resp: 304770

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



#52

Toluene

Concen: 8.535 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006661.D

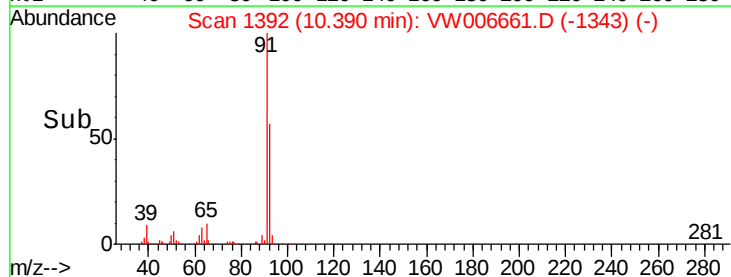
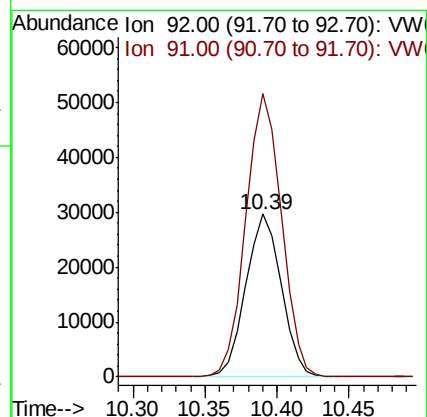
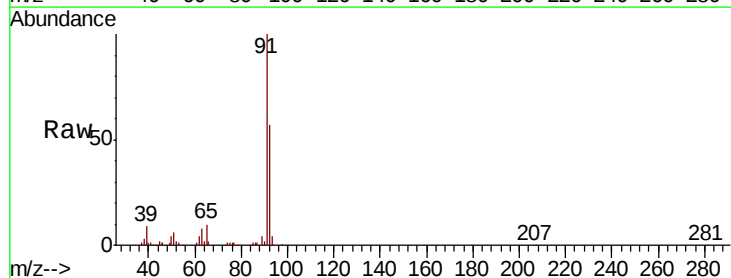
Acq: 06 Nov 2018 03:45

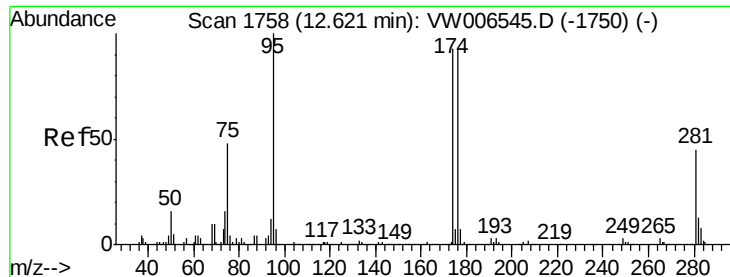
Tgt Ion: 92 Resp: 50724

Ion Ratio Lower Upper

92 100

91 174.7 138.6 208.0

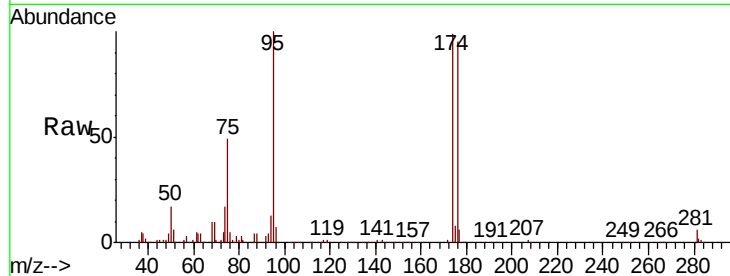




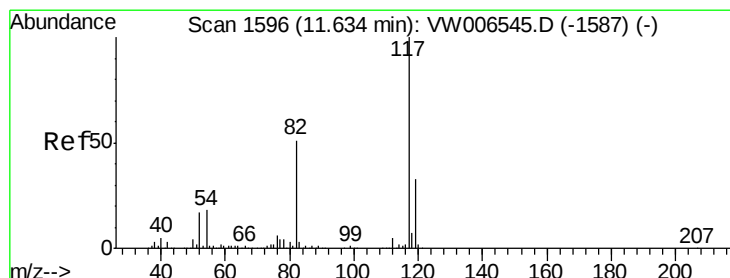
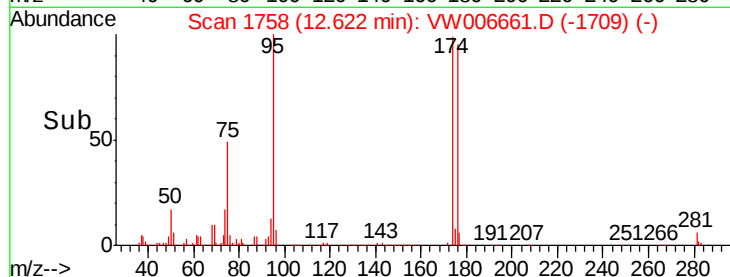
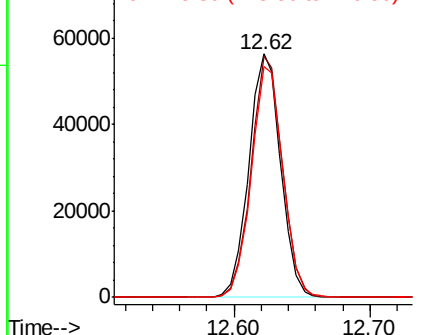
#62
4-Bromofluorobenzene
Concen: 29.867 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006661.D
Acq: 06 Nov 2018 03:45

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

Tot Ion: 95 Resp: 91770
Ion Ratio Lower Upper
95 100
174 97.8 0.0 192.4
176 94.6 0.0 187.4

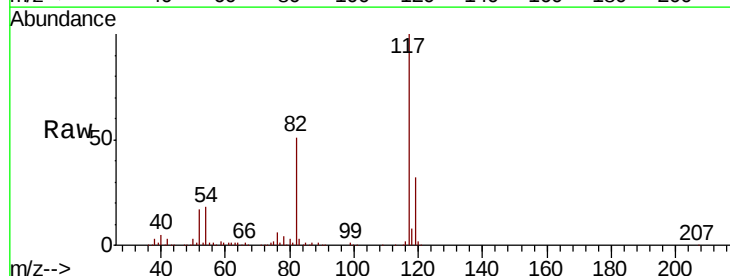


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

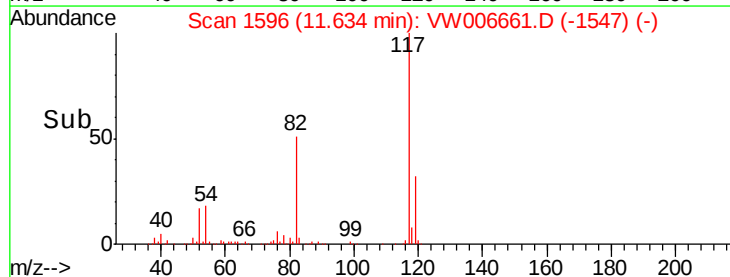
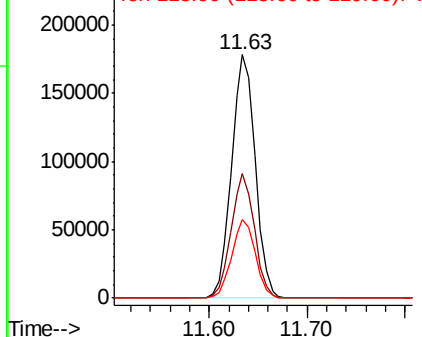


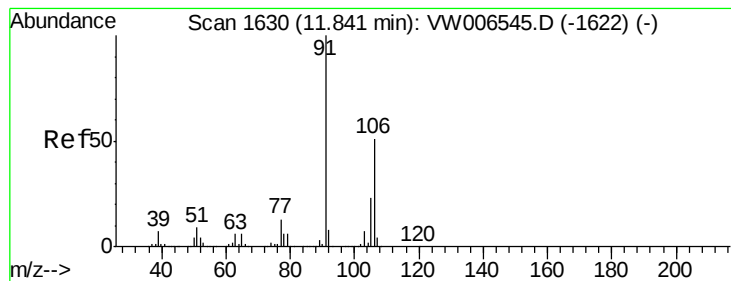
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006661.D
Acq: 06 Nov 2018 03:45

Tgt Ion: 117 Resp: 298006
Ion Ratio Lower Upper
117 100
82 51.1 40.8 61.2
119 32.5 26.1 39.1



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





#68

m/p-Xylenes

Concen: 1.746 ug/l

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW006661.D

Acq: 06 Nov 2018 03:45

Instrument :

MSVOA_W

ClientSampleId :

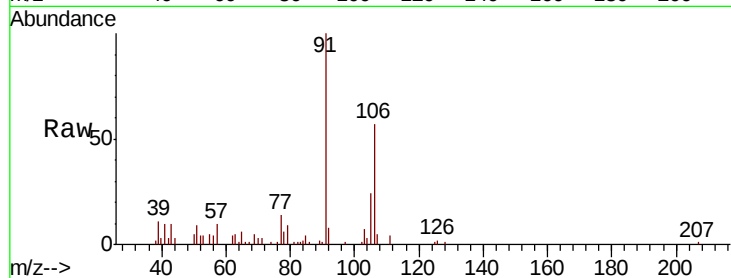
JC-03-110218-E

Tot Ion:106 Resp: 7312

Ion Ratio Lower Upper

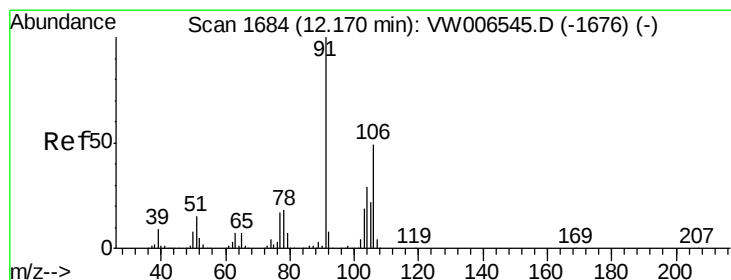
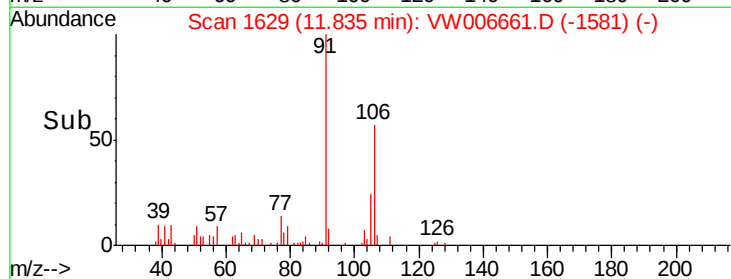
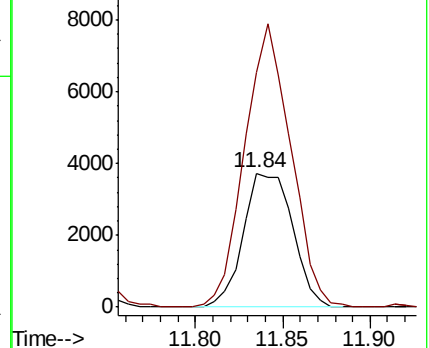
106 100

91 197.8 156.7 235.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 1.067 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VW006661.D

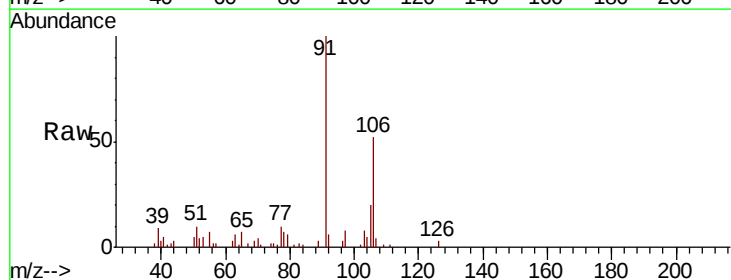
Acq: 06 Nov 2018 03:45

Tgt Ion:106 Resp: 4255

Ion Ratio Lower Upper

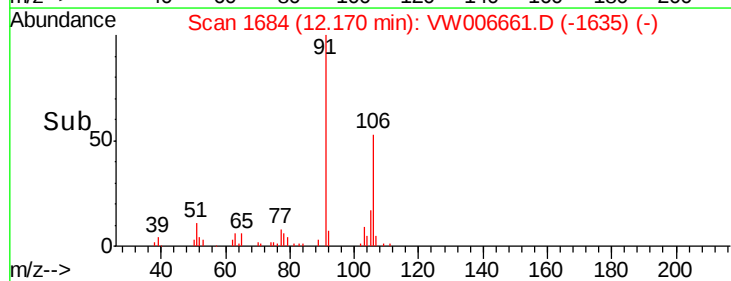
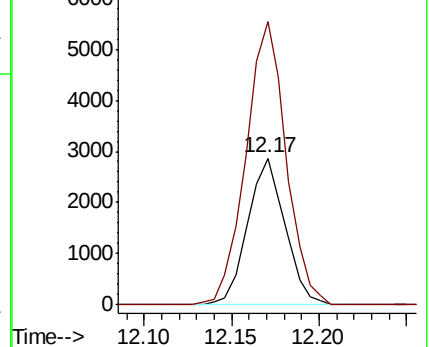
106 100

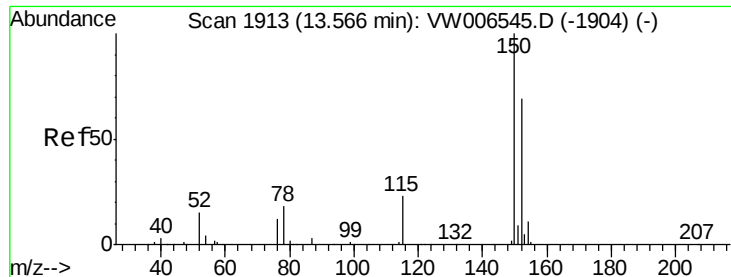
91 207.6 102.8 308.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



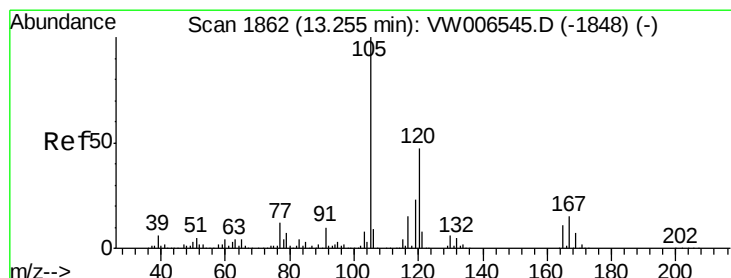
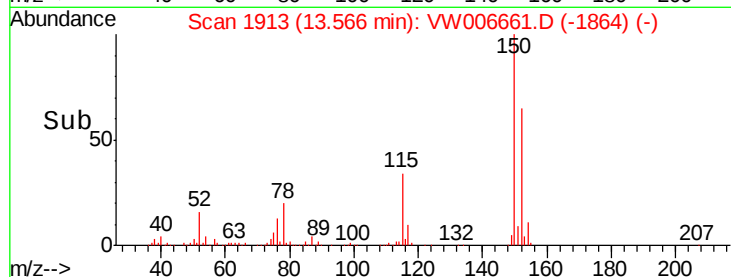
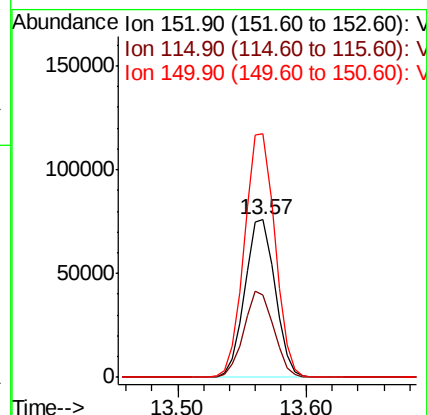
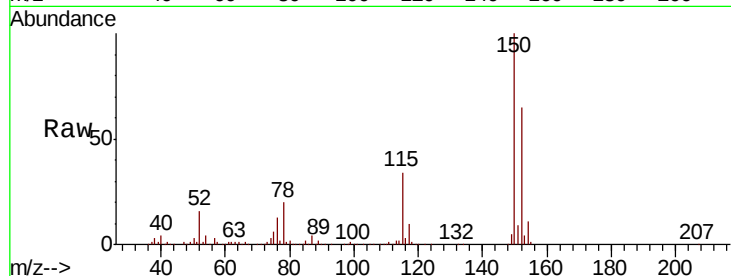


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006661.D
Acq: 06 Nov 2018 03:45

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

Tot Ion:152 Resp: 122986
Ion Ratio Lower Upper
152 100
115 53.8 26.6 79.8
150 156.3 0.0 344.6



#84

1,2,4-Trimethylbenzene
Concen: 1.158 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006661.D
Acq: 06 Nov 2018 03:45

Tgt Ion:105 Resp: 8087
Ion Ratio Lower Upper
105 100
120 47.4 23.2 69.6

