

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\
 Data File : VW000950.D
 Acq On : 24 Jan 2018 16:36
 Operator : JC/SY
 Sample : J1016-05RE
 Misc : 5.89G/5.0ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-012218RE

Quant Time: Jan 25 05:41:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 13:31:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	25839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	36908	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	34641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	13554	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	17932	72.41	ug/l	0.00
Spiked Amount			Recovery	=	144.82%	
35) Dibromofluoromethane	7.88	113	5190	22.95	ug/l	0.00
Spiked Amount			Recovery	=	45.90%	
50) Toluene-d8	10.33	98	47779	53.60	ug/l	0.00
Spiked Amount			Recovery	=	107.20%	
62) 4-Bromofluorobenzene	12.63	95	16326	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	

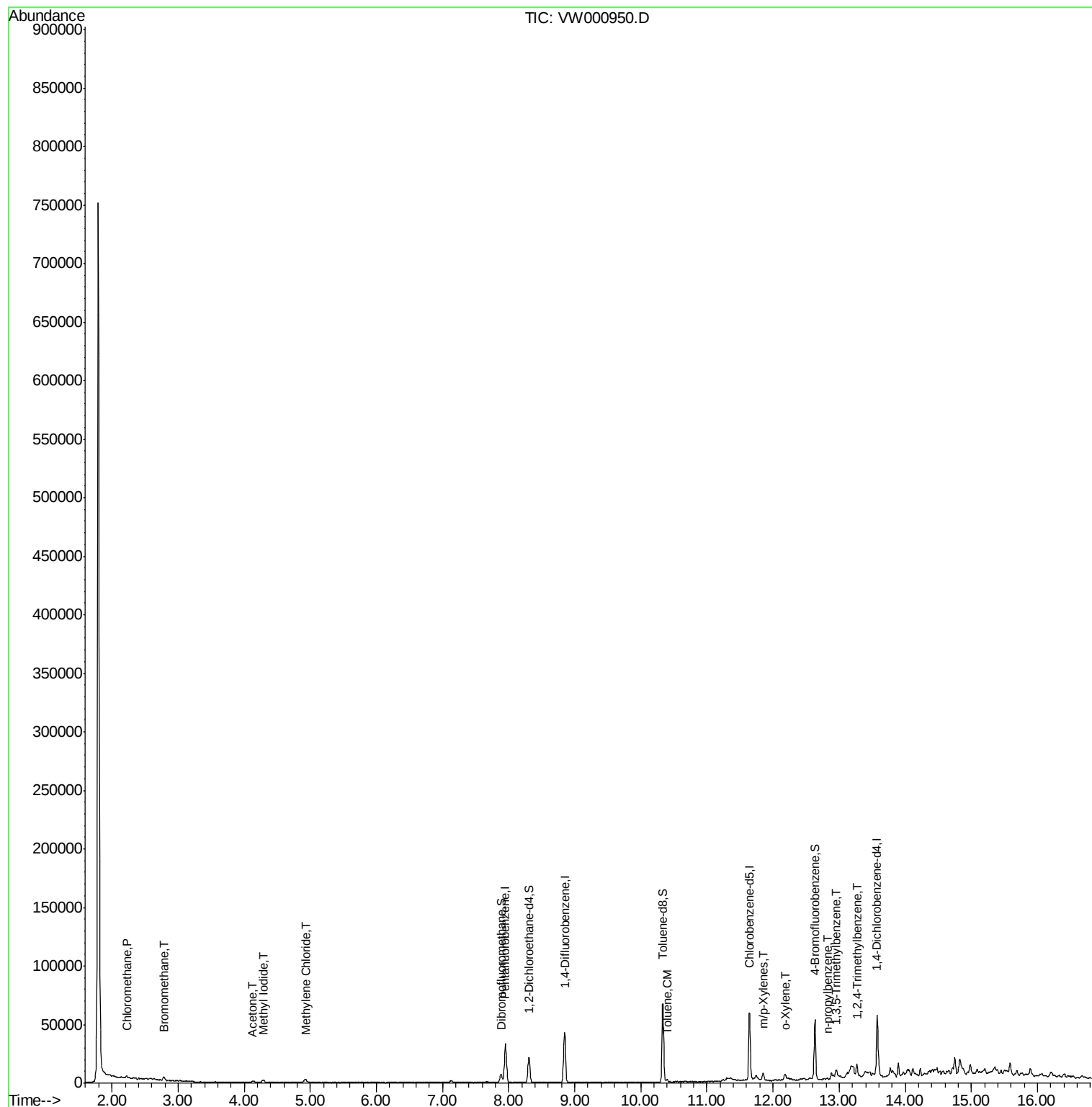
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.22	50	1250	5.68	ug/l #	70
5) Bromomethane	2.79	94	1812	11.87	ug/l	87
10) Methyl Iodide	4.29	142	3053	15.53	ug/l	93
16) Acetone	4.12	43	1893	34.16	ug/l	96
20) Methylene Chloride	4.93	84	2008	6.39	ug/l #	94
52) Toluene	10.40	92	1117	1.85	ug/l	98
68) m/p-Xylenes	11.85	106	1546	3.31	ug/l	98
69) o-Xylene	12.18	106	979	2.29	ug/l	99
78) n-propylbenzene	12.82	91	1619	1.53	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	2397	3.22	ug/l	94
84) 1,2,4-Trimethylbenzene	13.27	105	5959	7.91	ug/l	95

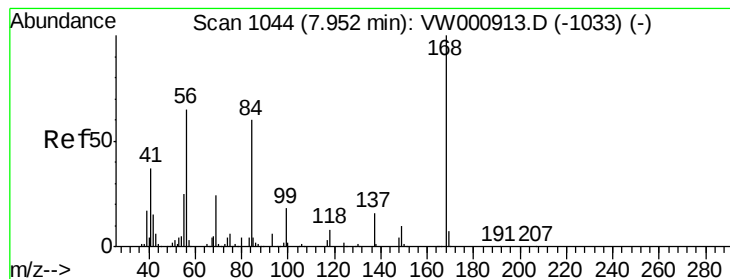
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 23 13:31:00 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW000950.D

Acq: 24 Jan 2018 16:36

Instrument :

MSVOA_W

ClientSampleId :

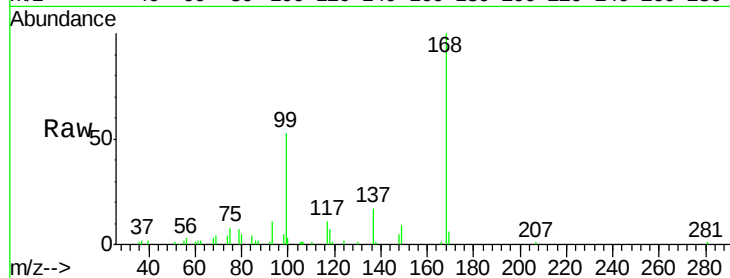
OK-01-012218RE

Tot Ion:168 Resp: 25839

Ion Ratio Lower Upper

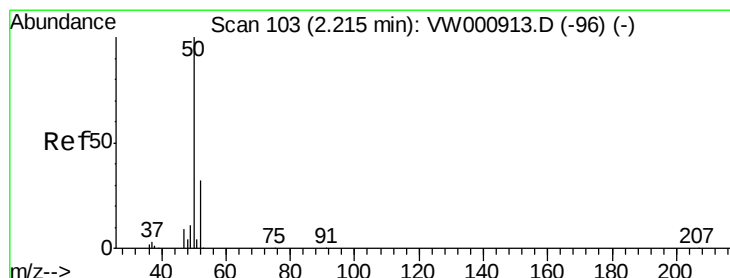
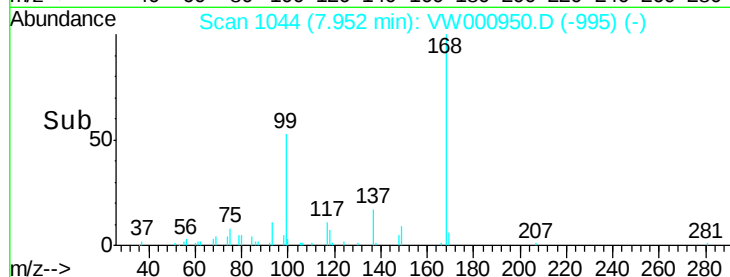
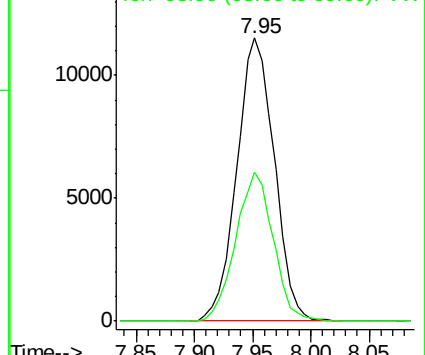
168 100

99 52.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 5.68 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW000950.D

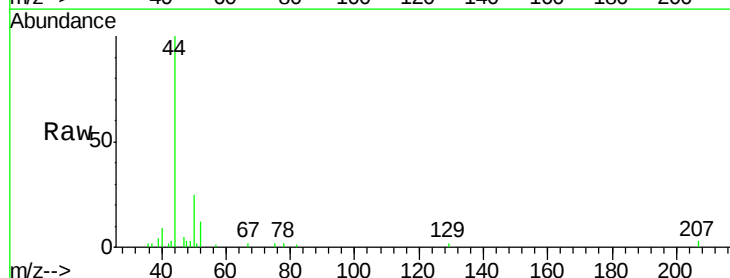
Acq: 24 Jan 2018 16:36

Tgt Ion: 50 Resp: 1250

Ion Ratio Lower Upper

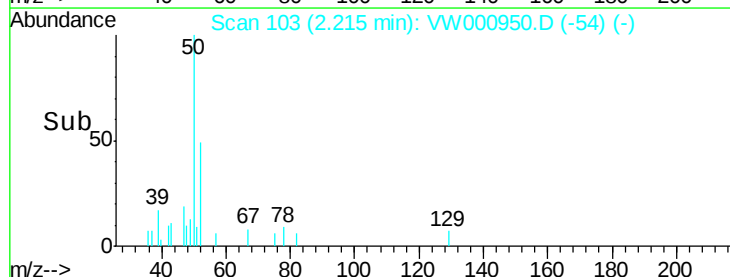
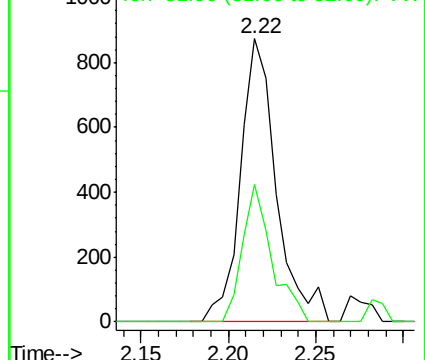
50 100

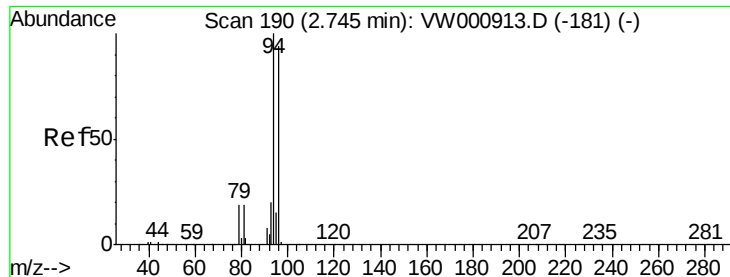
52 48.7 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW





#5

Bromomethane

Concen: 11.87 ug/l

RT: 2.79 min Scan# 197

Delta R.T. 0.04 min

Lab File: VW000950.D

Acq: 24 Jan 2018 16:36

Instrument :

MSVOA_W

ClientSampleId :

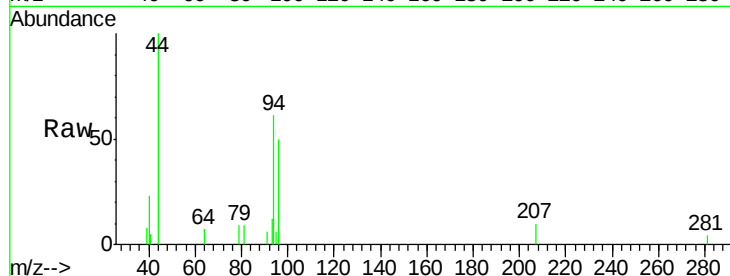
OK-01-012218RE

Tot Ion: 94 Resp: 1812

Ion Ratio Lower Upper

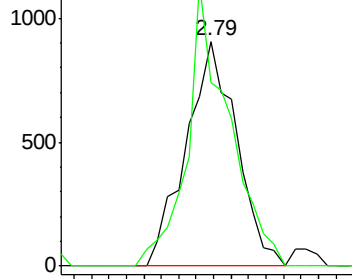
94 100

96 81.5 75.5 113.3

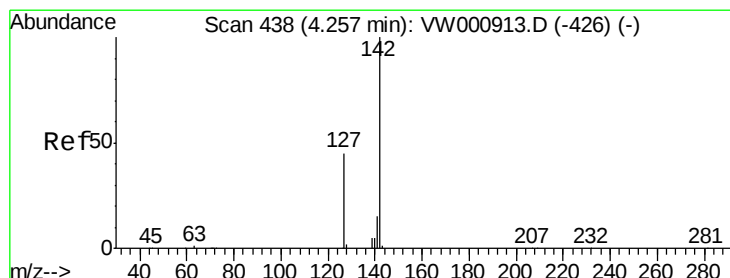
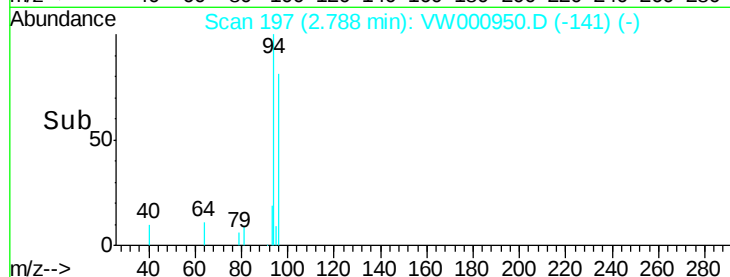


Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



Time-->



#10

Methyl Iodide

Concen: 15.53 ug/l

RT: 4.29 min Scan# 443

Delta R.T. 0.03 min

Lab File: VW000950.D

Acq: 24 Jan 2018 16:36

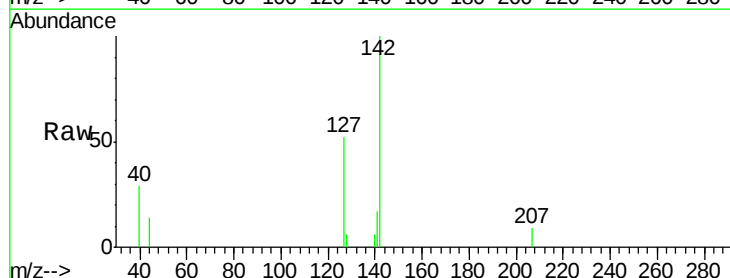
Tgt Ion: 142 Resp: 3053

Ion Ratio Lower Upper

142 100

127 50.1 35.5 53.3

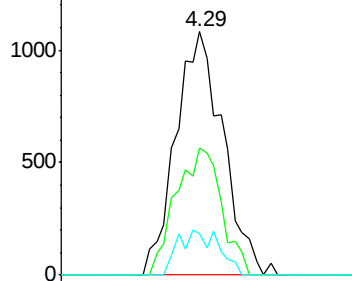
141 15.9 11.7 17.5



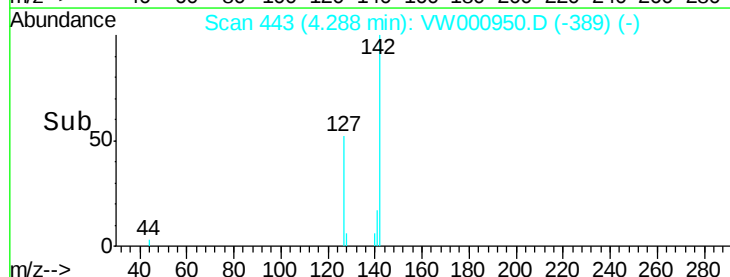
Abundance Ion 141.80 (141.50 to 142.50): V

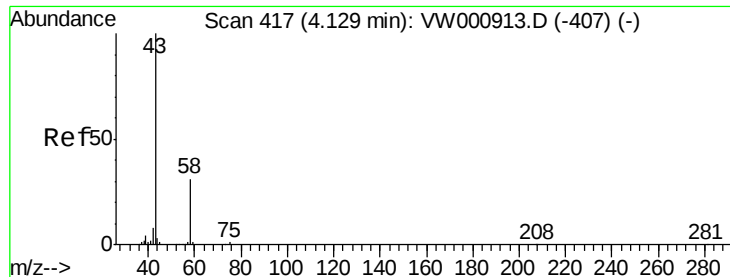
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->





#16

Acetone

Concen: 34.16 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW000950.D

Acq: 24 Jan 2018 16:36

Instrument :

MSVOA_W

ClientSampleId :

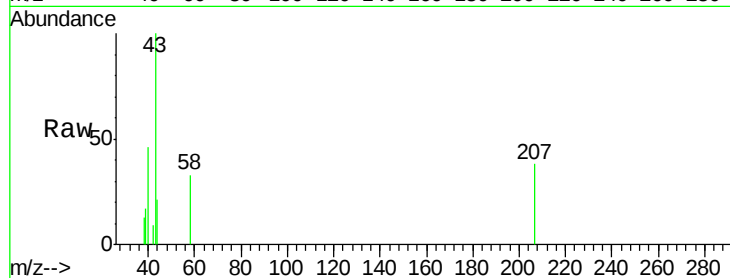
OK-01-012218RE

Tot Ion: 43 Resp: 1893

Ion Ratio Lower Upper

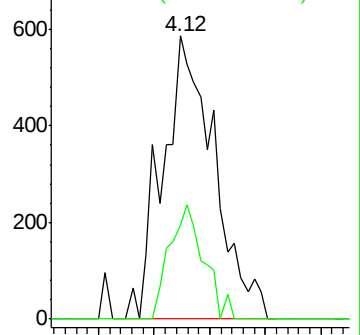
43 100

58 33.1 24.9 37.3

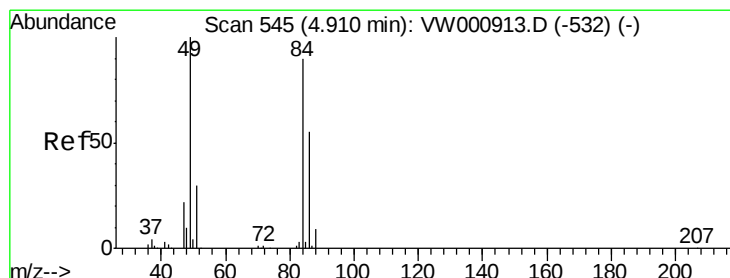
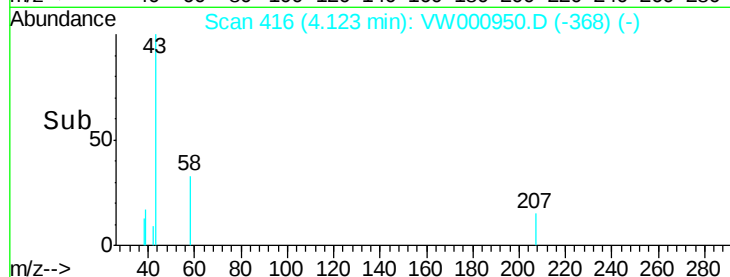


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#20

Methylene Chloride

Concen: 6.39 ug/l

RT: 4.93 min Scan# 548

Delta R.T. 0.02 min

Lab File: VW000950.D

Acq: 24 Jan 2018 16:36

Tgt Ion: 84 Resp: 2008

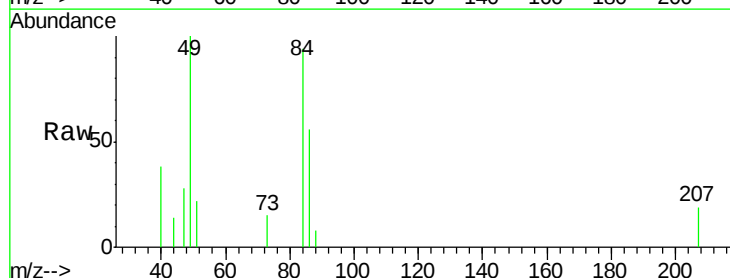
Ion Ratio Lower Upper

84 100

49 106.0 89.0 133.4

51 22.8 26.7 40.1#

86 59.5 48.7 73.1

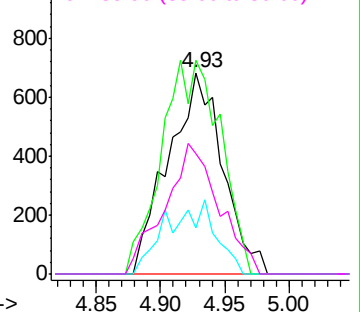


Abundance Ion 83.90 (83.60 to 84.60): VW

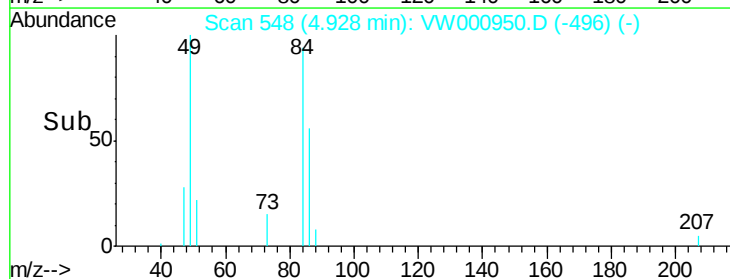
Ion 48.90 (48.60 to 49.60): VW

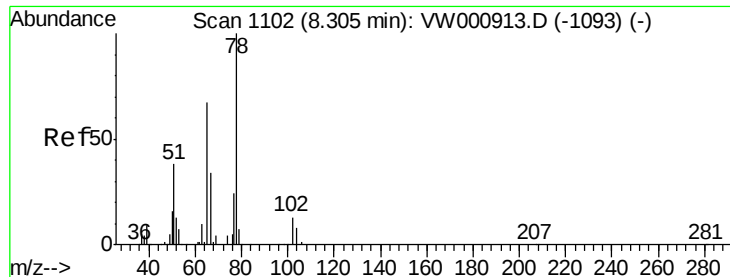
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



Time-->

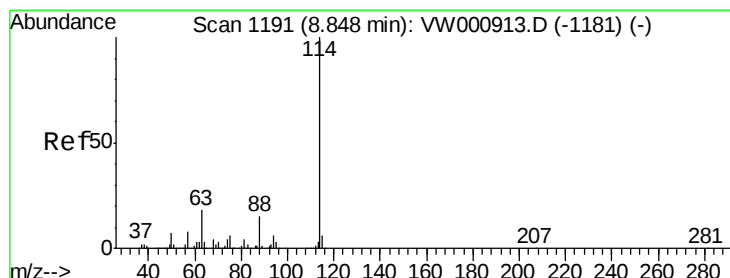
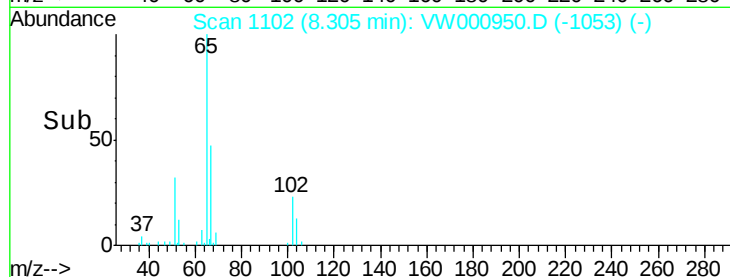
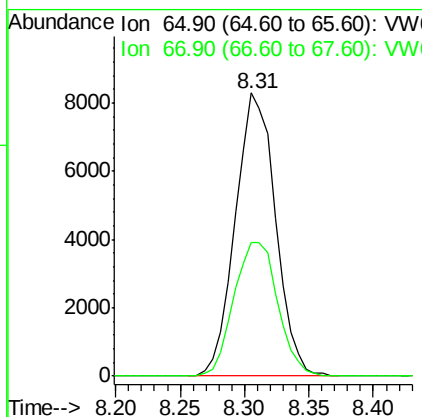
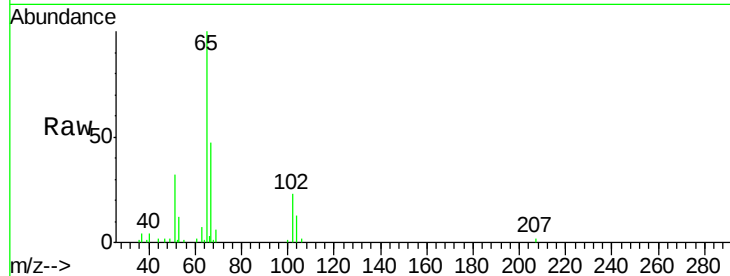




#33
 1,2-Dichloroethane-d4
 Concen: 72.41 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW000950.D
 Acq: 24 Jan 2018 16:36

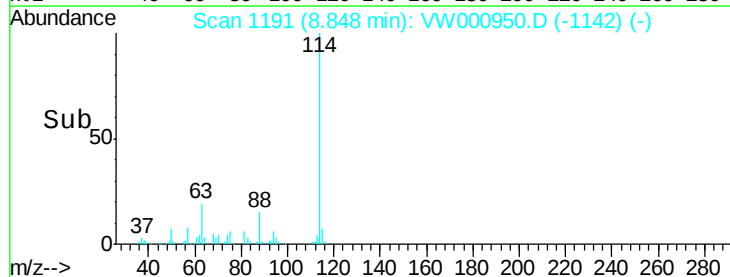
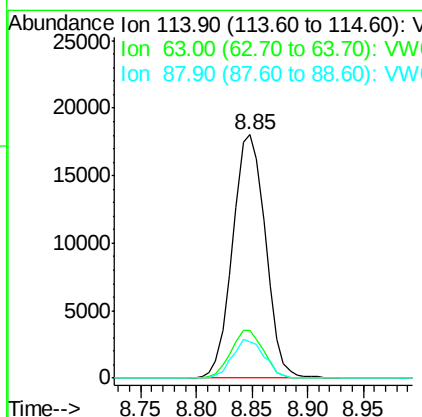
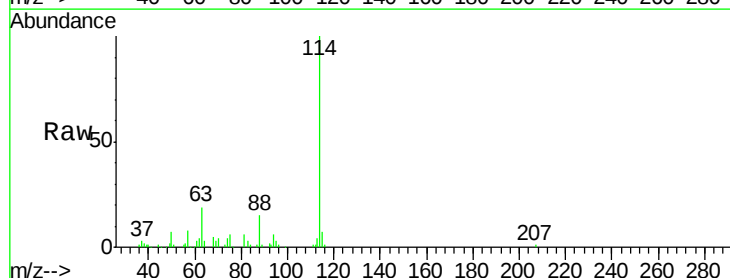
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-012218RE

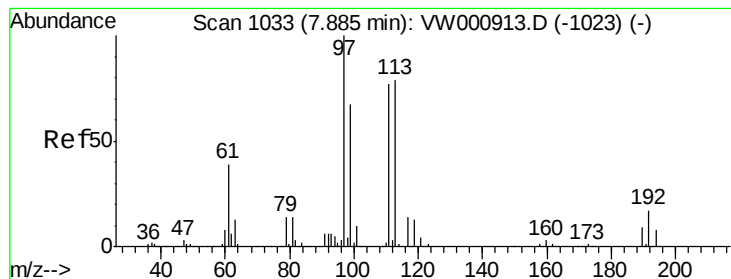
Tot Ion: 65 Resp: 17932
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW000950.D
 Acq: 24 Jan 2018 16:36

Tgt Ion: 114 Resp: 36908
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 36.8
 88 15.0 0.0 29.8





#35

Dibromofluoromethane

Concen: 22.95 ug/l

RT: 7.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: VW000950.D

Acq: 24 Jan 2018 16:36

Instrument :

MSVOA_W

ClientSampleId :

OK-01-012218RE

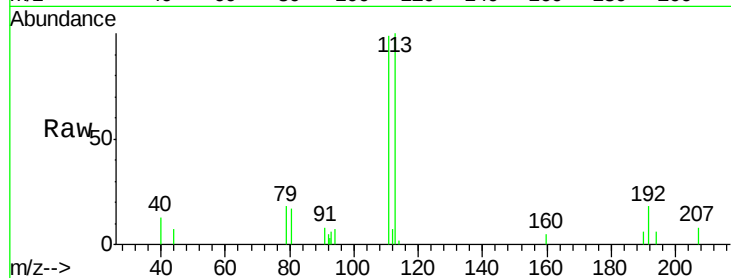
Tot Ion:113 Resp: 5190

Ion Ratio Lower Upper

113 100

111 104.1 80.4 120.6

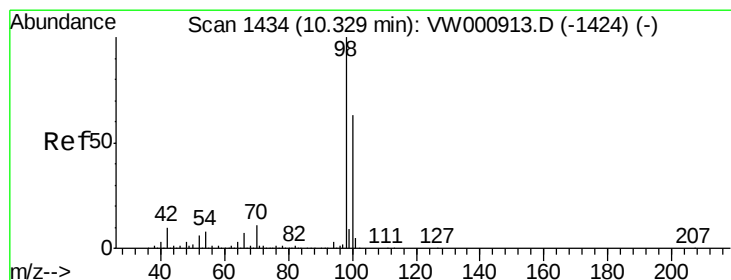
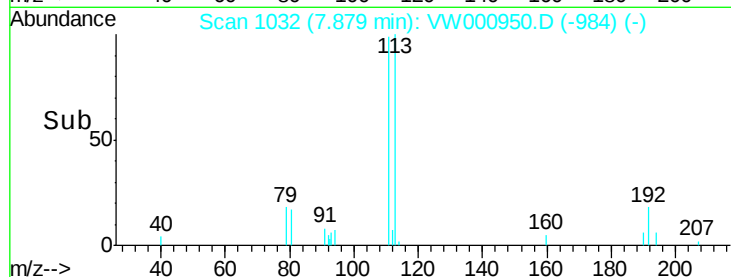
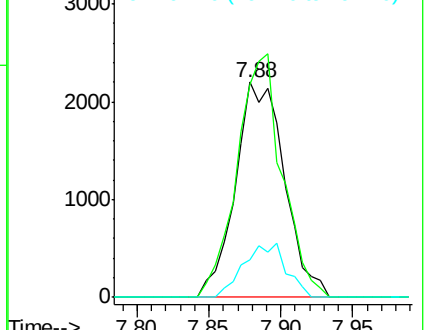
192 21.6 17.0 25.4



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: 53.60 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW000950.D

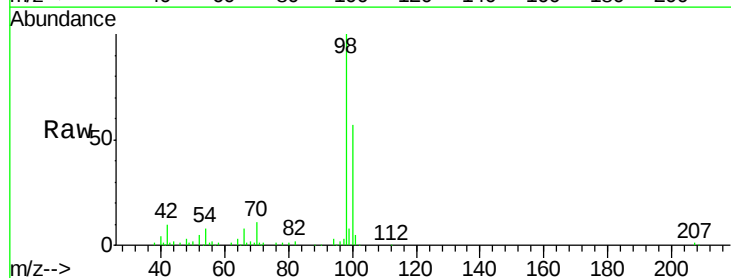
Acq: 24 Jan 2018 16:36

Tgt Ion: 98 Resp: 47779

Ion Ratio Lower Upper

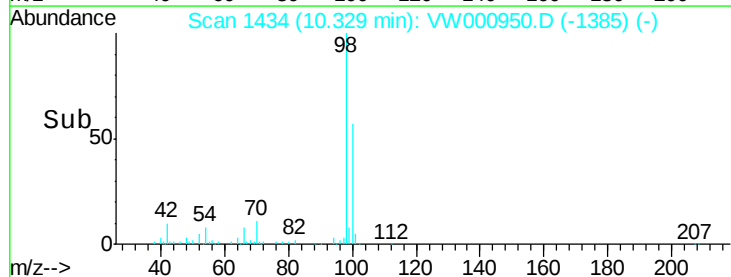
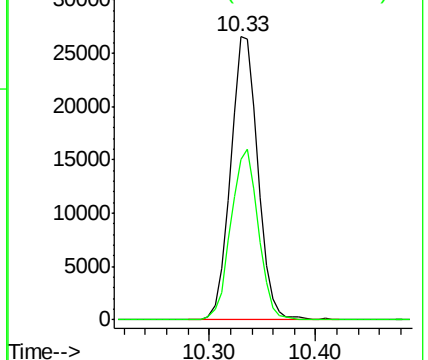
98 100

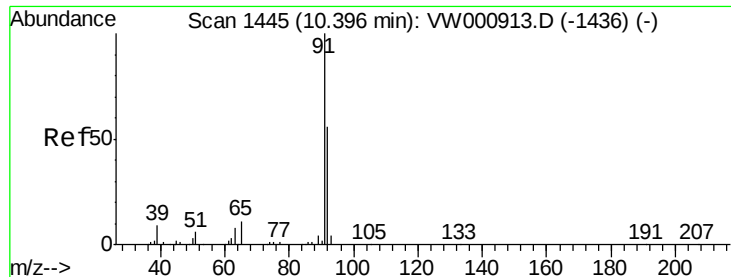
100 60.5 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.85 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.00 min

Lab File: VW000950.D

Acq: 24 Jan 2018 16:36

Instrument :

MSVOA_W

ClientSampleId :

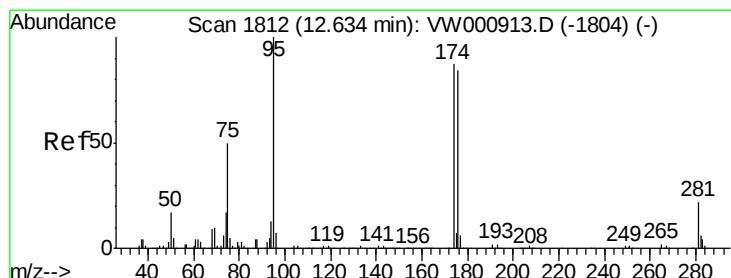
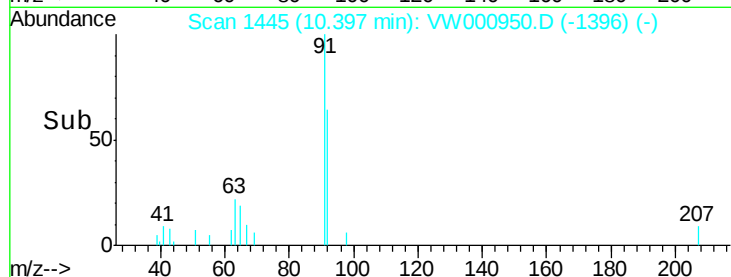
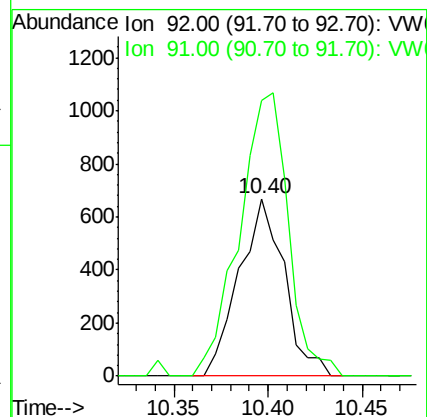
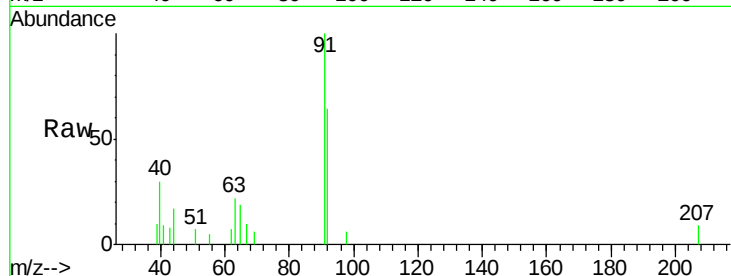
OK-01-012218RE

Tot Ion: 92 Resp: 1117

Ion Ratio Lower Upper

92 100

91 172.4 140.7 211.1



#62

4-Bromofluorobenzene

Concen: 50.29 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW000950.D

Acq: 24 Jan 2018 16:36

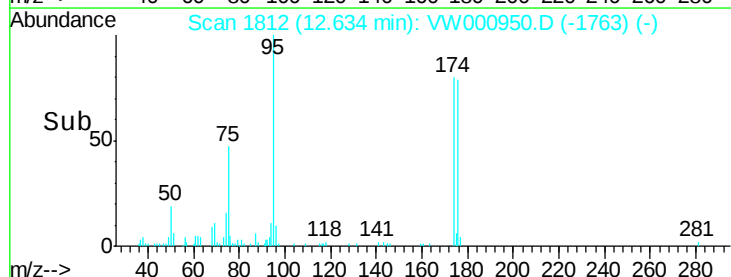
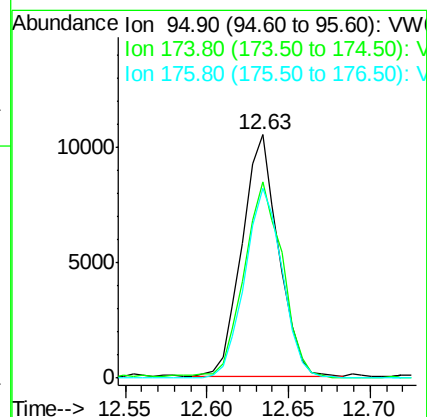
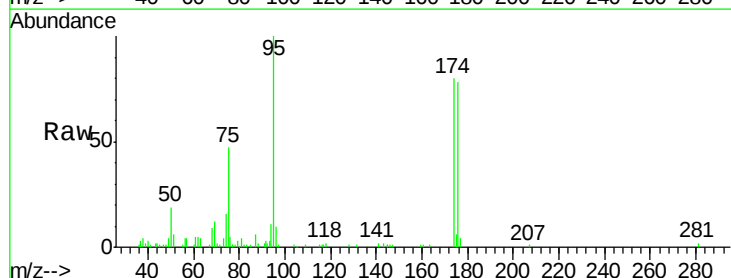
Tgt Ion: 95 Resp: 16326

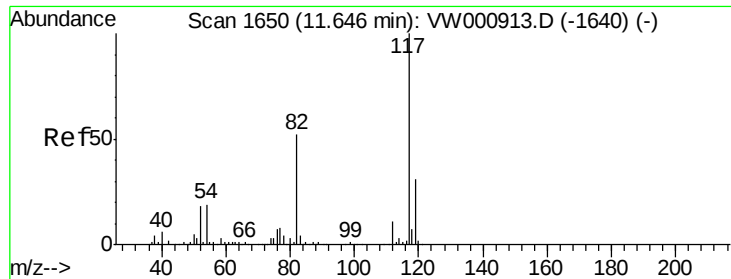
Ion Ratio Lower Upper

95 100

174 86.8 0.0 176.8

176 80.7 0.0 171.8

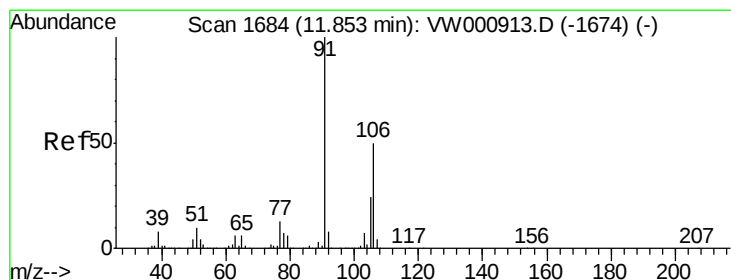
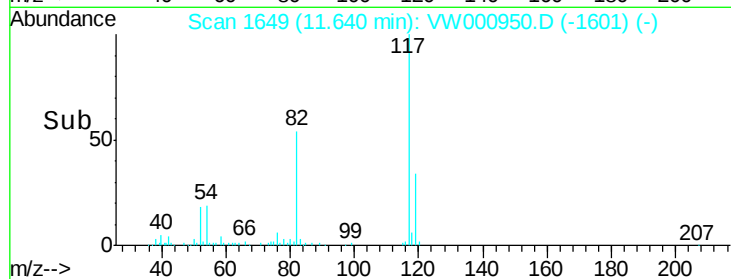
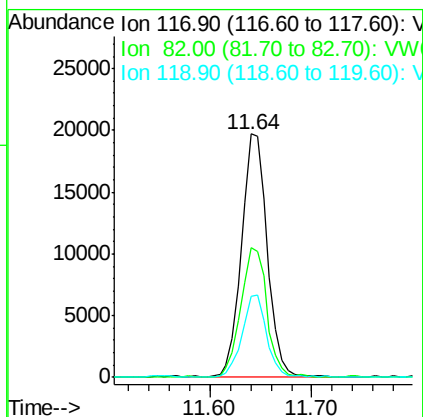
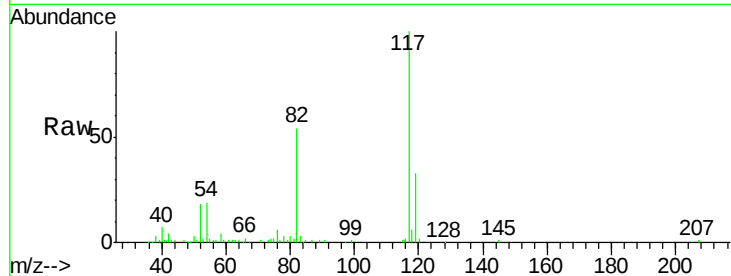




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.01 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

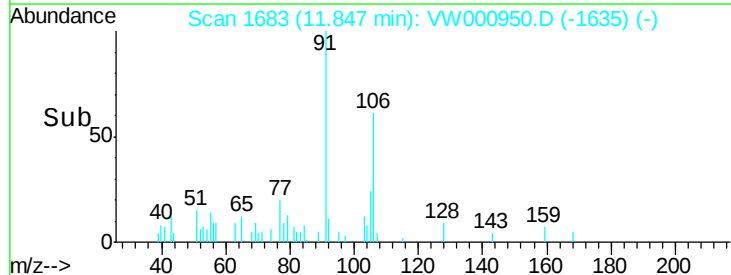
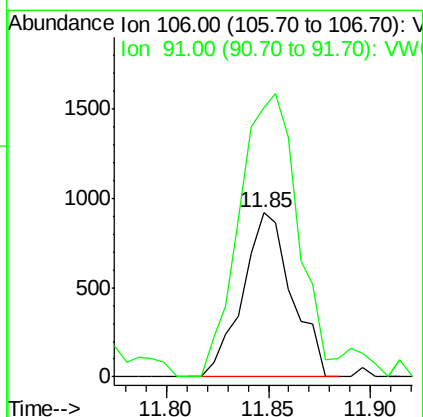
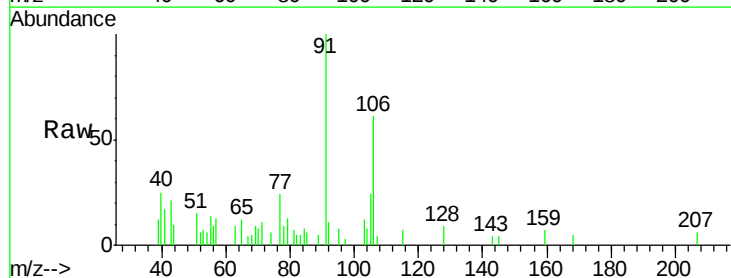
Instrument :
MSVOA_W
ClientSampleId :
OK-01-012218RE

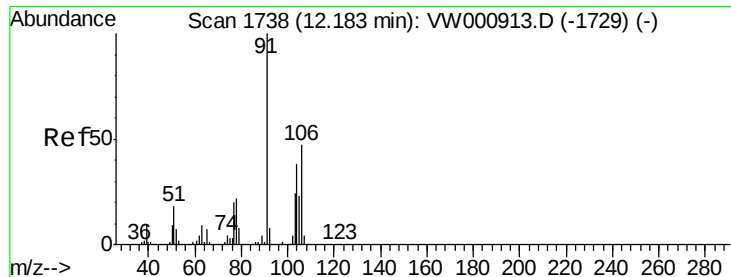
Tot Ion:117 Resp: 34641
Ion Ratio Lower Upper
117 100
82 53.5 41.8 62.6
119 33.4 25.2 37.8



#68
m/p-Xylenes
Concen: 3.31 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Tgt Ion:106 Resp: 1546
Ion Ratio Lower Upper
106 100
91 206.0 161.9 242.9

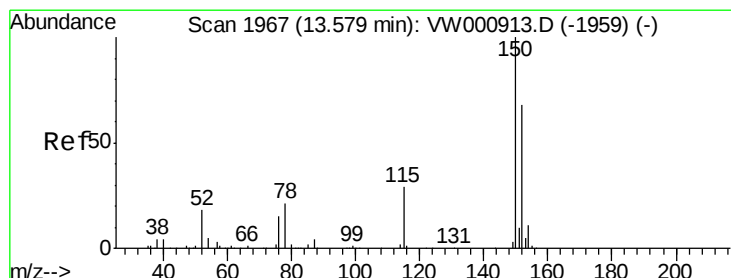
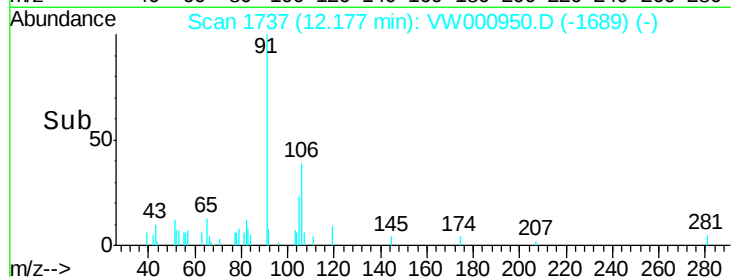
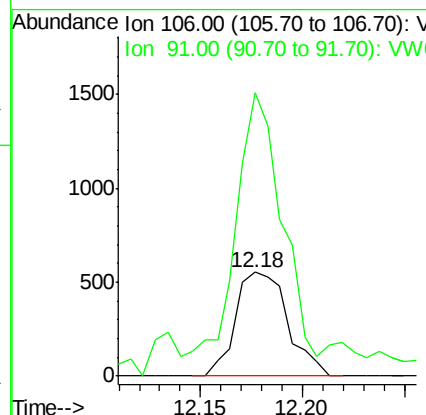
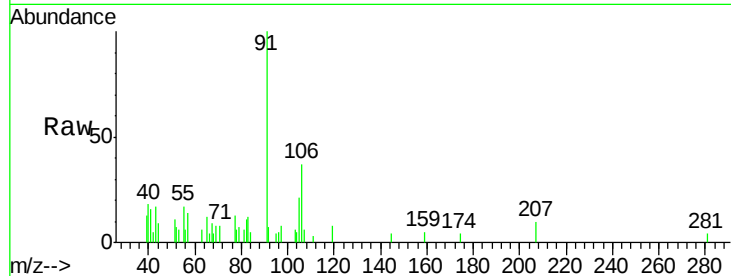




#69
o-Xylene
Concen: 2.29 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

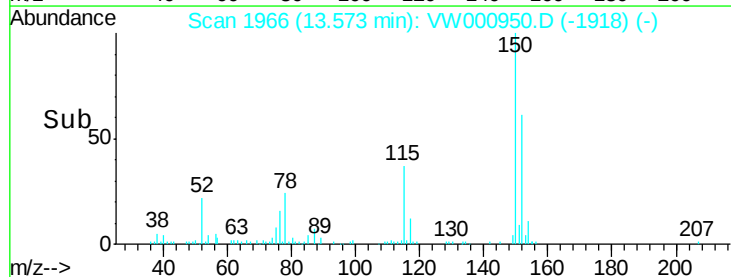
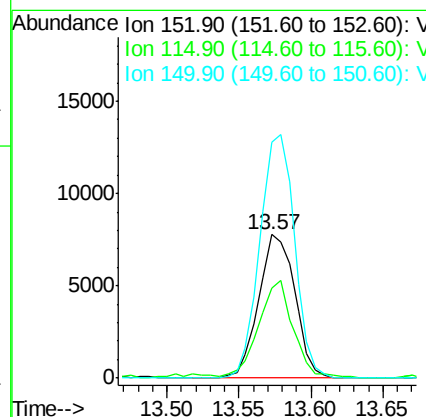
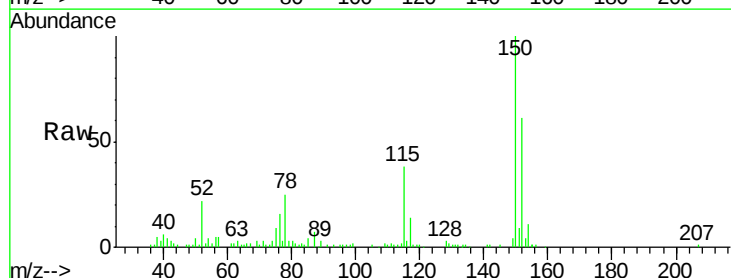
Instrument :
MSVOA_W
ClientSampled :
OK-01-012218RE

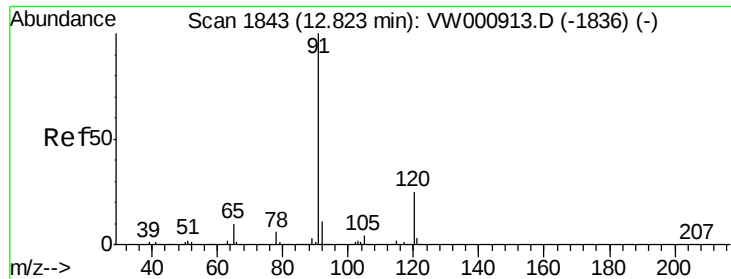
Tot Ion:106 Resp: 979
Ion Ratio Lower Upper
106 100
91 214.7 106.3 318.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.01 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Tgt Ion:152 Resp: 13554
Ion Ratio Lower Upper
152 100
115 65.1 28.5 85.5
150 161.9 0.0 342.0

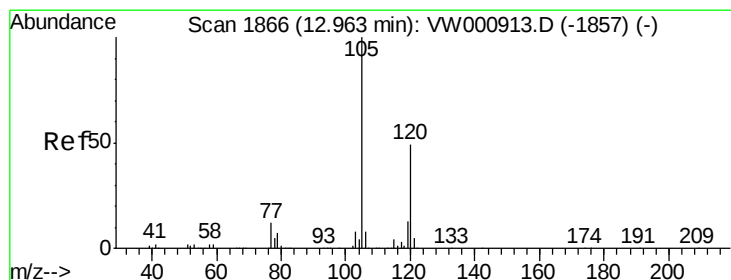
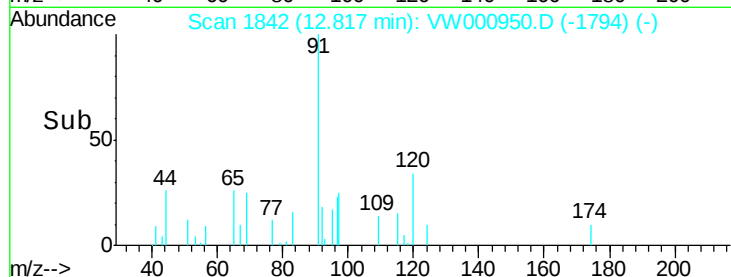
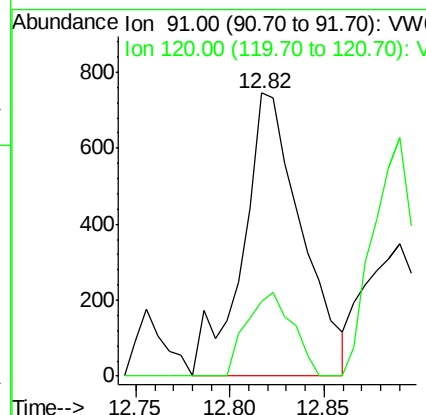
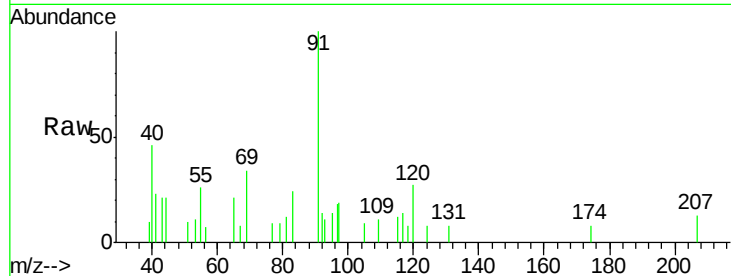




#78
n-propylbenzene
Concen: 1.53 ug/l
RT: 12.82 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

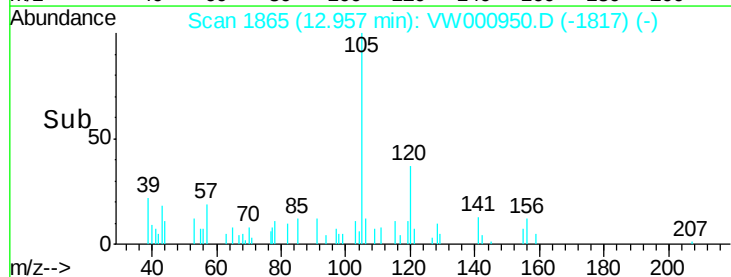
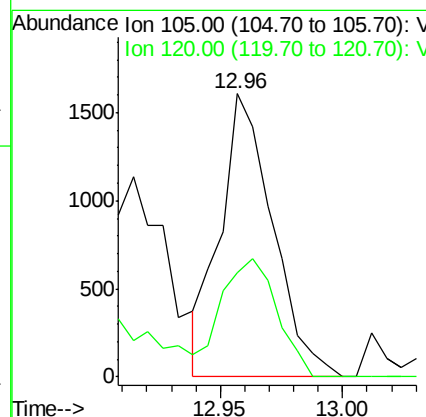
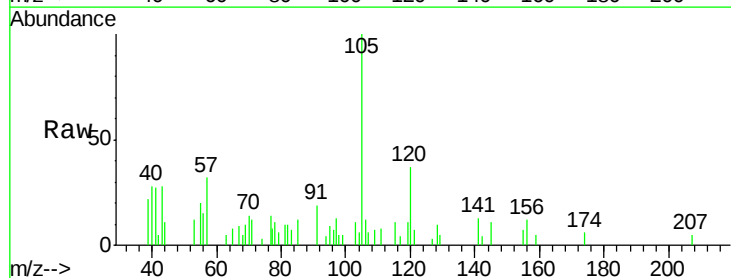
Instrument :
MSVOA_W
ClientSampled :
OK-01-012218RE

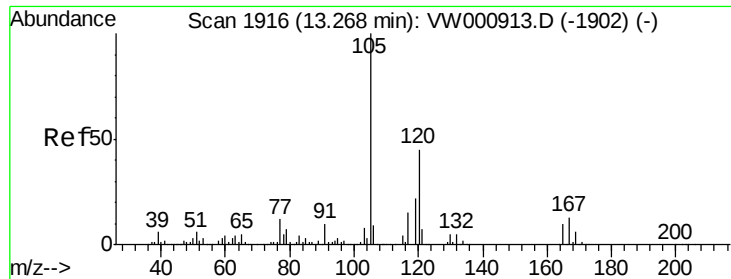
Tot Ion: 91 Resp: 1619
Ion Ratio Lower Upper
91 100
120 23.2 12.0 36.1



#80
1,3,5-Trimethylbenzene
Concen: 3.22 ug/l
RT: 12.96 min Scan# 1865
Delta R.T. -0.01 min
Lab File: VW000950.D
Acq: 24 Jan 2018 16:36

Tgt Ion:105 Resp: 2397
Ion Ratio Lower Upper
105 100
120 44.4 24.3 72.9





#84
 1,2,4-Trimethylbenzene
 Concen: 7.91 ug/l
 RT: 13.27 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW000950.D
 Acq: 24 Jan 2018 16:36

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-012218RE

Tot Ion:105 Resp: 5959
 Ion Ratio Lower Upper
 105 100
 120 48.1 22.4 67.0

