

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121818\
 Data File : VW007615.D
 Acq On : 16 Dec 2018 07:16
 Operator : SY/AP
 Sample : J6378-21
 Misc : 6.22G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 00:18:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

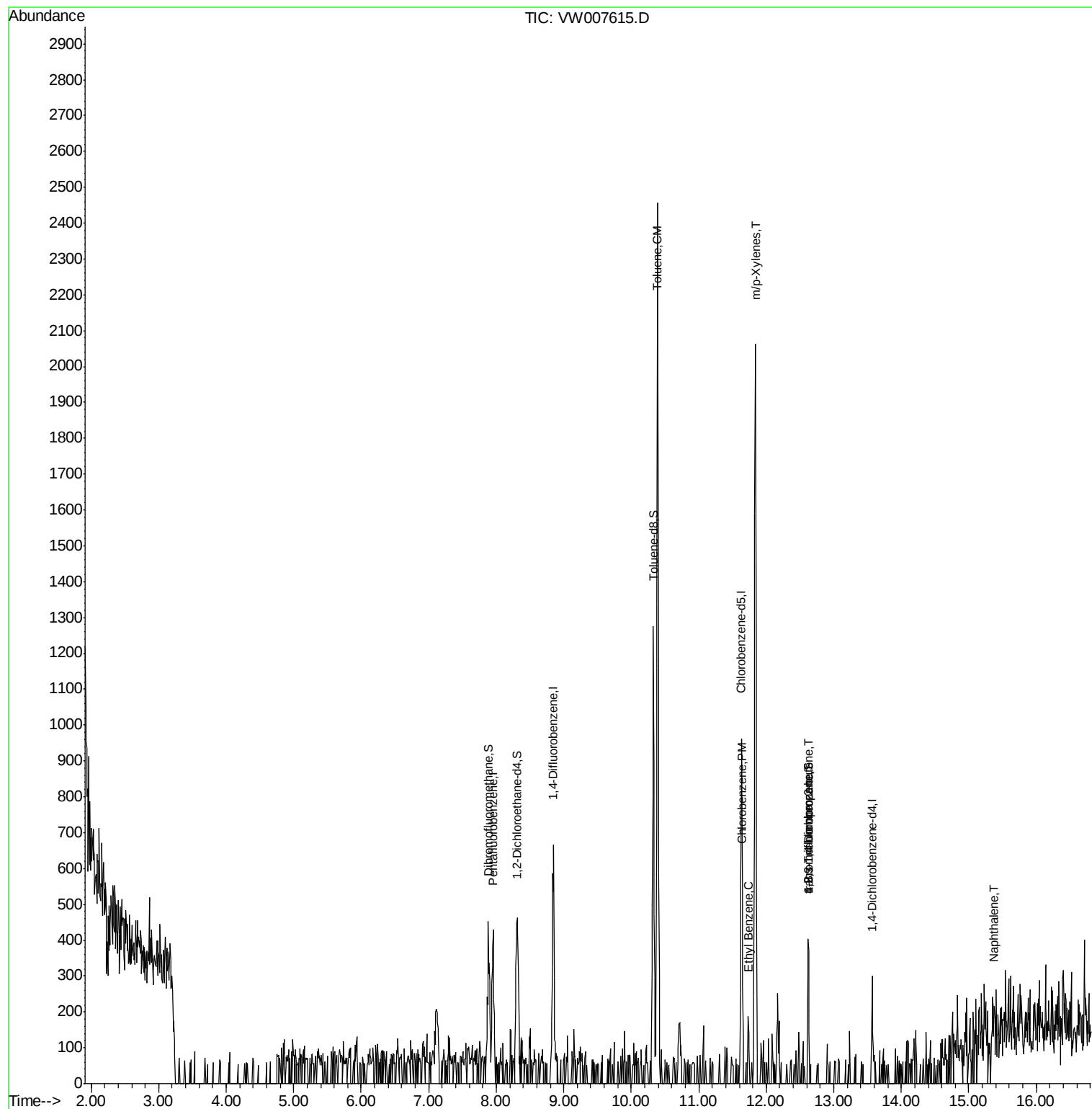
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	494	95.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	190.28%	
35) Dibromofluoromethane	7.88	113	405	76.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	153.28%	
50) Toluene-d8	10.32	98	1000	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.62	95	117	16.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	32.12%	
Target Compounds						
52) Toluene	10.39	92	1176	82.223	ug/l	97
65) Chlorobenzene	11.65	112	22	1.527	ug/l #	40
67) Ethyl Benzene	11.73	91	192	7.754	ug/l #	48
68) m/p-Xylenes	11.84	106	639	66.380	ug/l	75
76) 1,2,3-Trichloropropane	12.62	75	43	38.919	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	43	85.972	ug/l #	7
95) Naphthalene	15.38	128	20	3.738	ug/l #	70

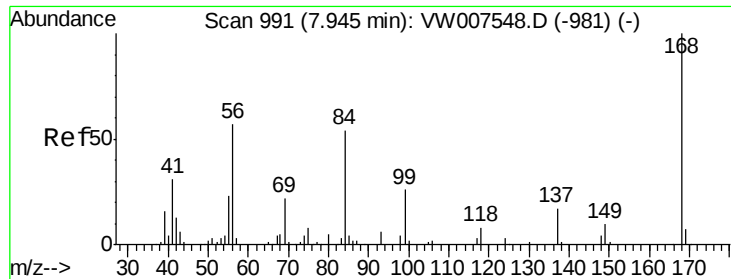
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121818\
Data File : VW007615.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007615.D

Acq: 16 Dec 2018 07:16

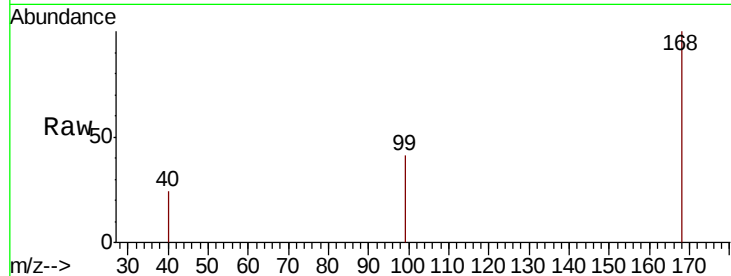
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 468

Ion Ratio Lower Upper

168 100

99 41.4 48.3 72.5#



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

250

200

150

100

50

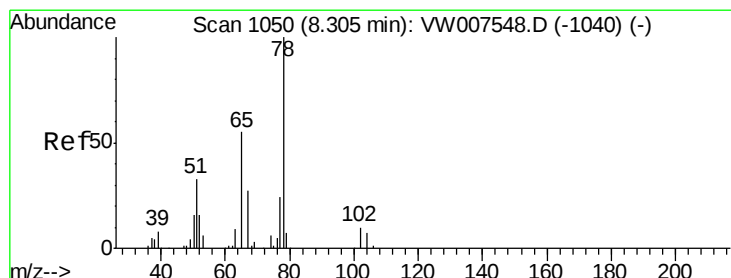
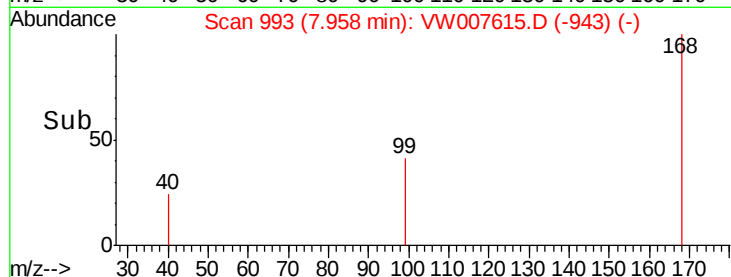
0

7.90

7.95

8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 95.145 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW007615.D

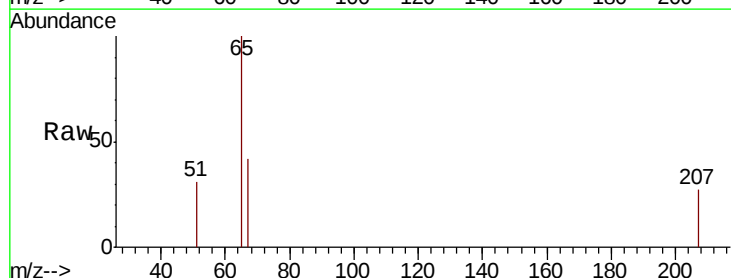
Acq: 16 Dec 2018 07:16

Tgt Ion: 65 Resp: 494

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

200

150

100

50

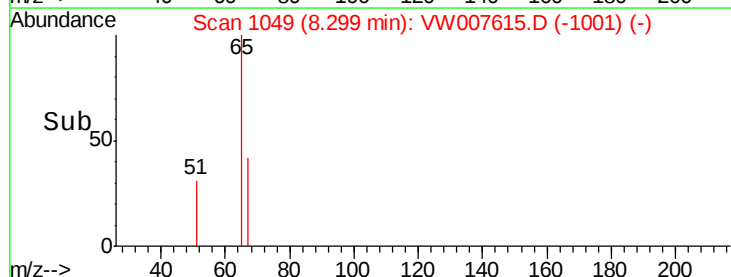
0

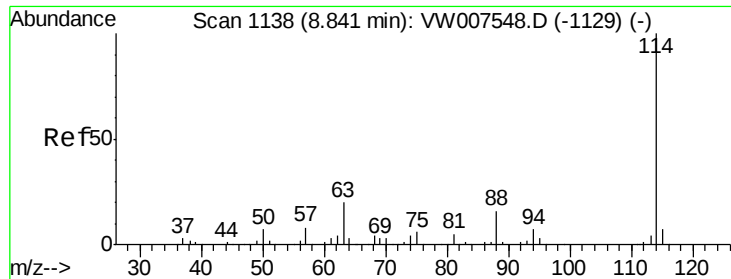
8.25

8.30

8.35

Time-->

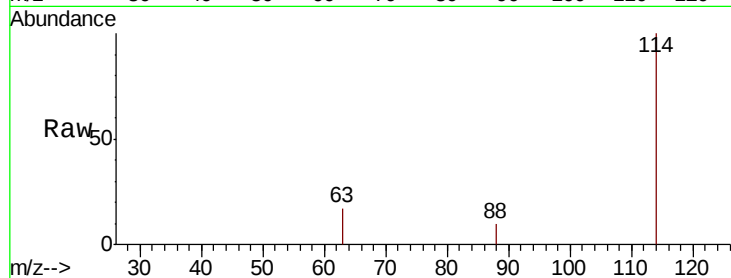




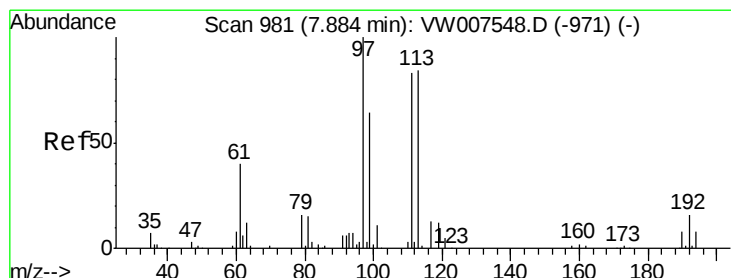
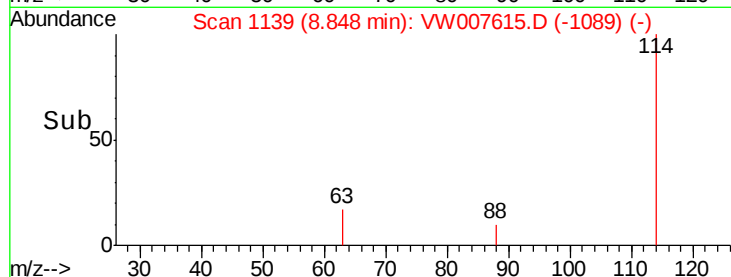
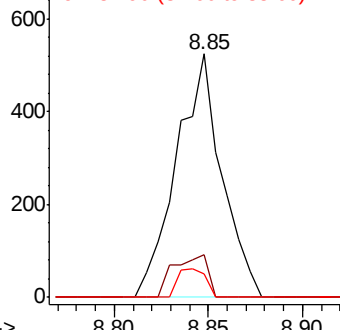
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW007615.D
 Acq: 16 Dec 2018 07:16

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 873
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 39.6
 88 9.7 0.0 31.4

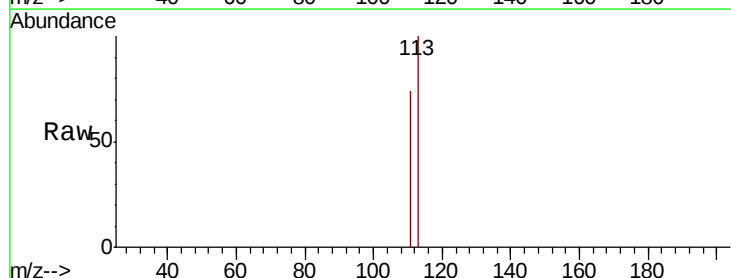


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

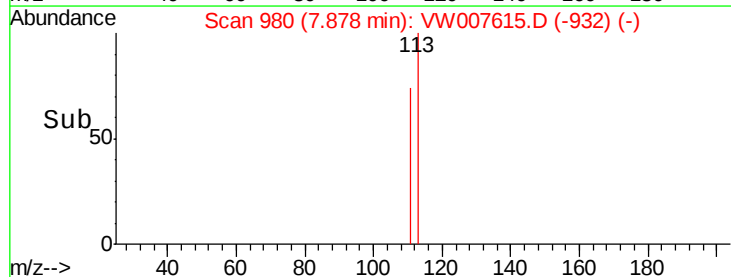
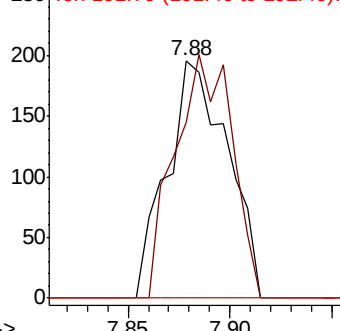


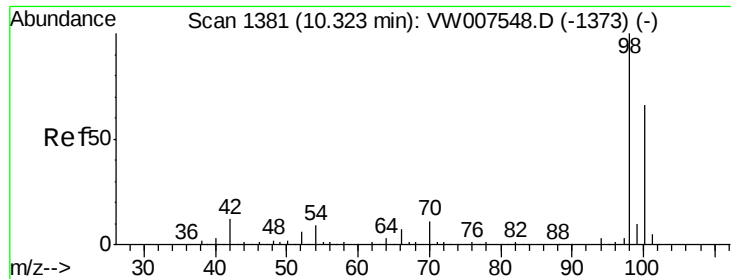
#35
 Dibromofluoromethane
 Concen: 76.637 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW007615.D
 Acq: 16 Dec 2018 07:16

Tgt Ion:113 Resp: 405
 Ion Ratio Lower Upper
 113 100
 111 96.8 81.1 121.7
 192 0.0 14.6 21.8#



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: 50.468 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007615.D

Acq: 16 Dec 2018 07:16

Instrument :

MSVOA_W

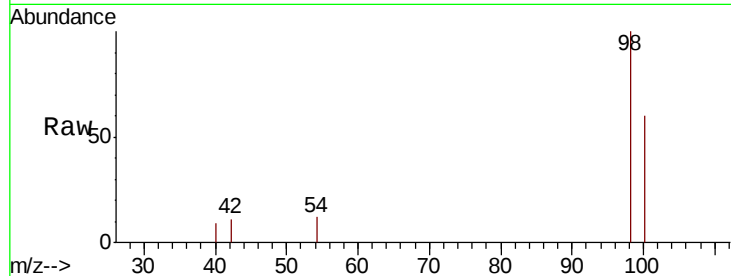
ClientSampled :

Tot Ion: 98 Resp: 1000

Ion Ratio Lower Upper

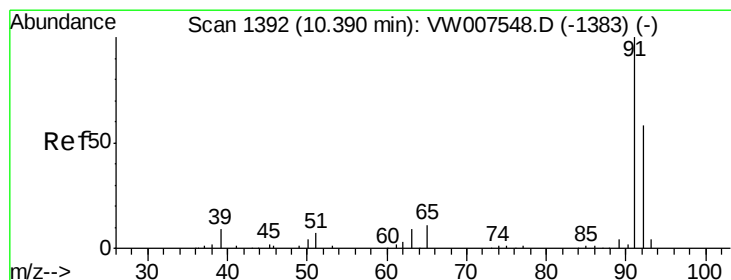
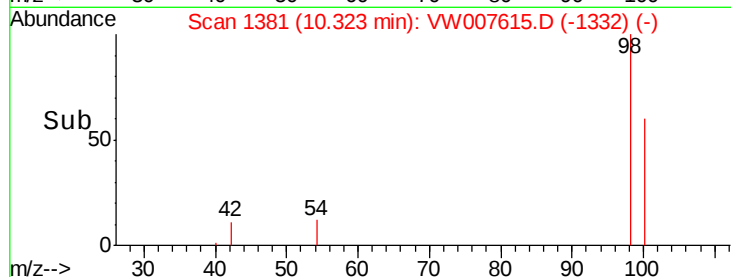
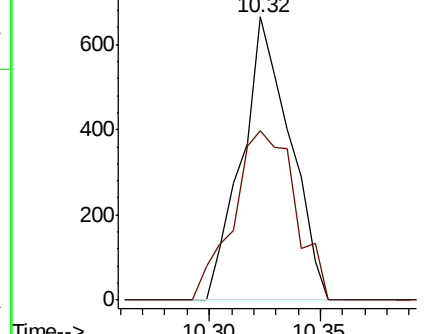
98 100

100 76.8 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 82.223 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007615.D

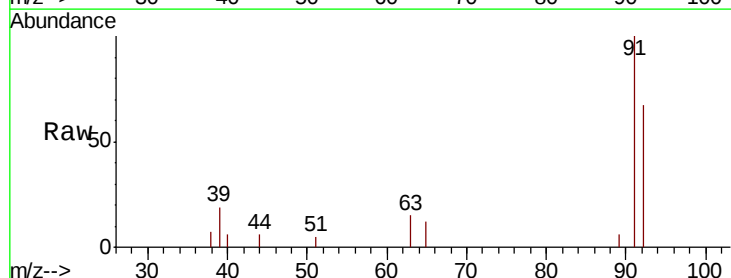
Acq: 16 Dec 2018 07:16

Tgt Ion: 92 Resp: 1176

Ion Ratio Lower Upper

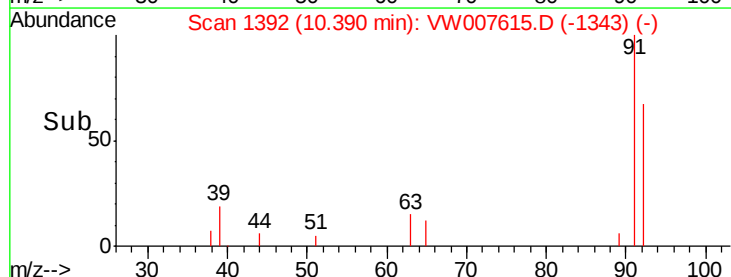
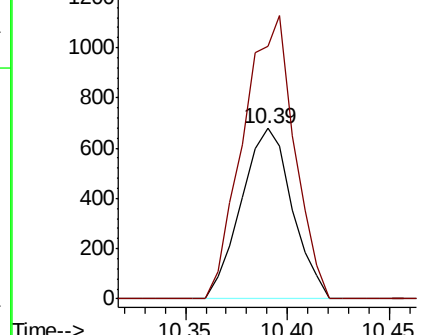
92 100

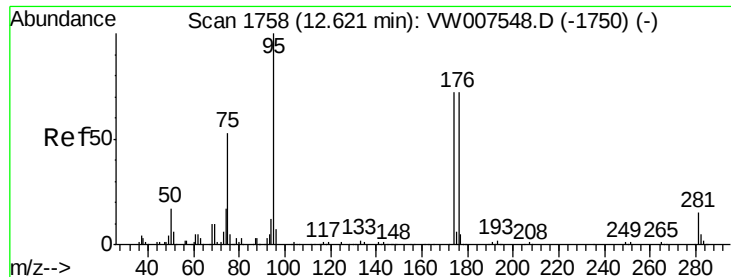
91 166.6 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 16.060 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007615.D

Acq: 16 Dec 2018 07:16

Instrument :

MSVOA_W

ClientSampleId :

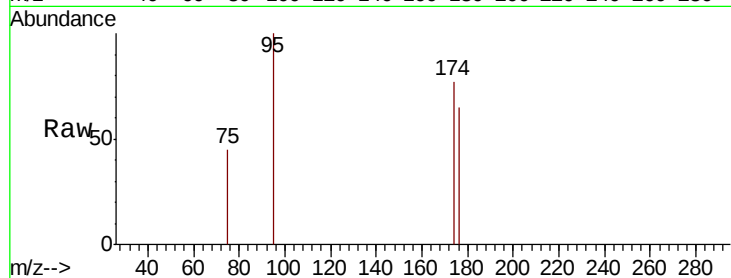
Tot Ion: 95 Resp: 117

Ion Ratio Lower Upper

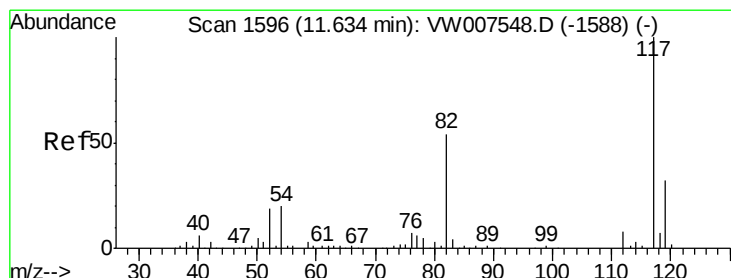
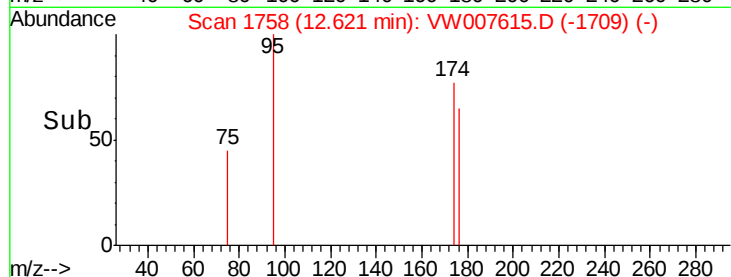
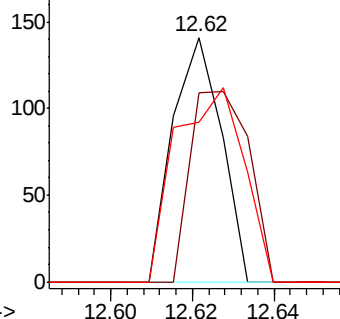
95 100

174 94.9 0.0 147.2

176 111.1 0.0 138.8



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# 1595

Delta R.T. -0.01 min

Lab File: VW007615.D

Acq: 16 Dec 2018 07:16

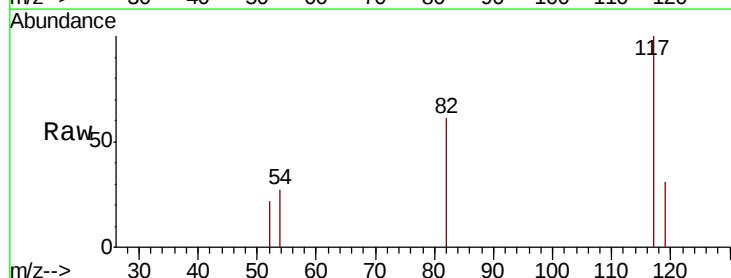
Tgt Ion: 117 Resp: 691

Ion Ratio Lower Upper

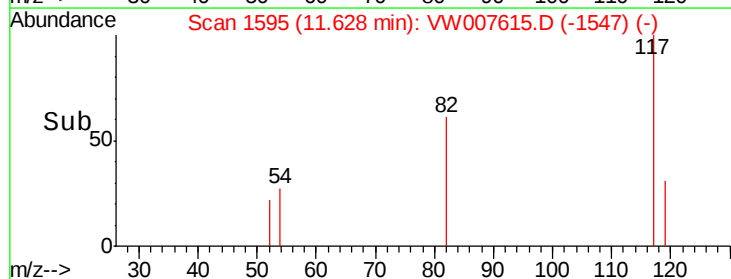
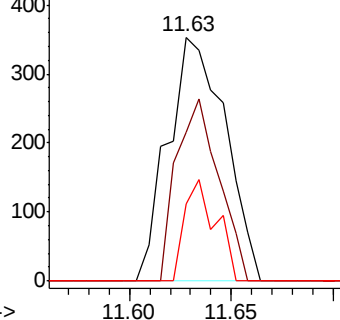
117 100

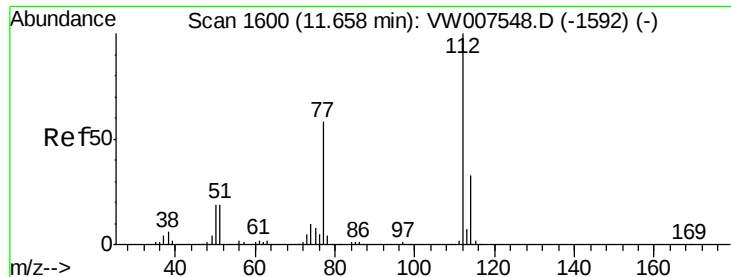
82 61.2 42.3 63.5

119 31.4 23.0 34.6



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





#65

Chlorobenzene

Concen: 1.527 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW007615.D

Acq: 16 Dec 2018 07:16

Instrument :

MSVOA_W

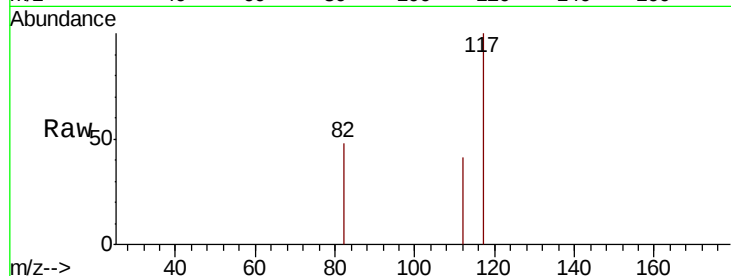
ClientSampleId :

Tot Ion:112 Resp: 22

Ion Ratio Lower Upper

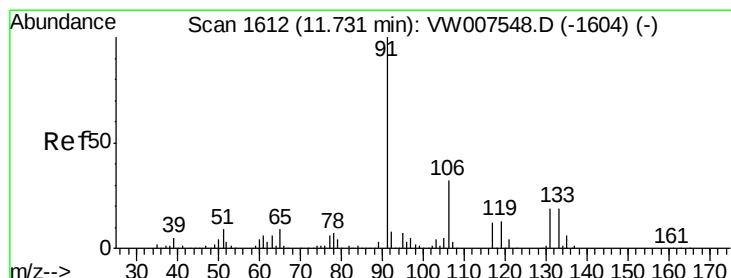
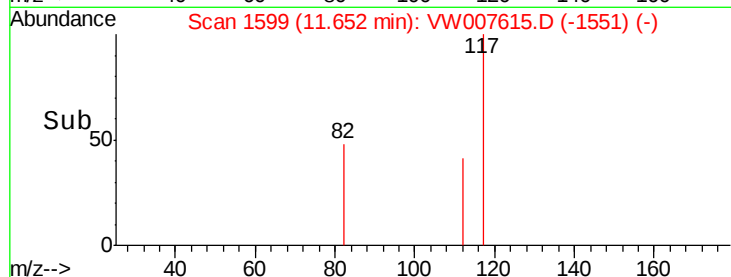
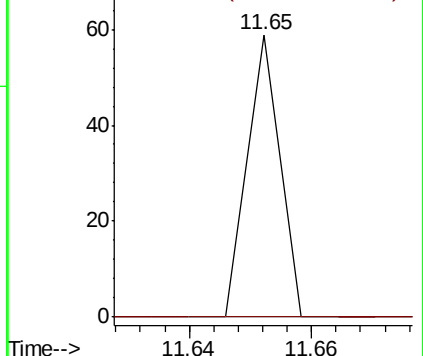
112 100

114 0.0 27.8 41.8#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 7.754 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW007615.D

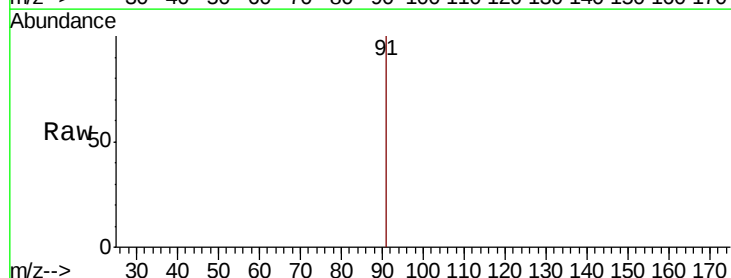
Acq: 16 Dec 2018 07:16

Tgt Ion: 91 Resp: 192

Ion Ratio Lower Upper

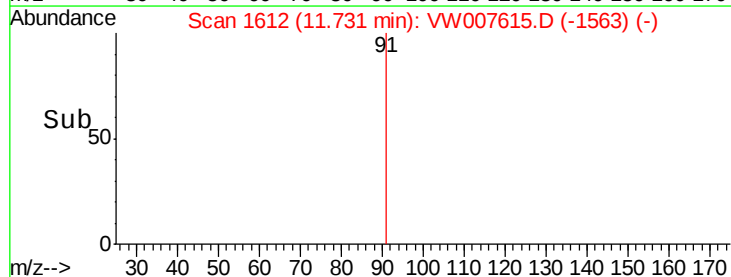
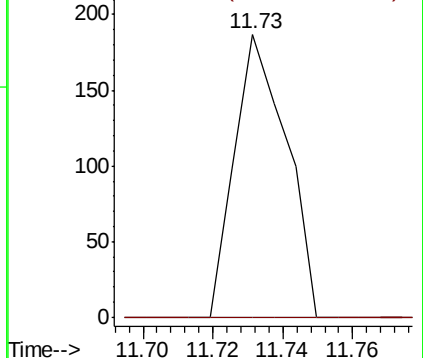
91 100

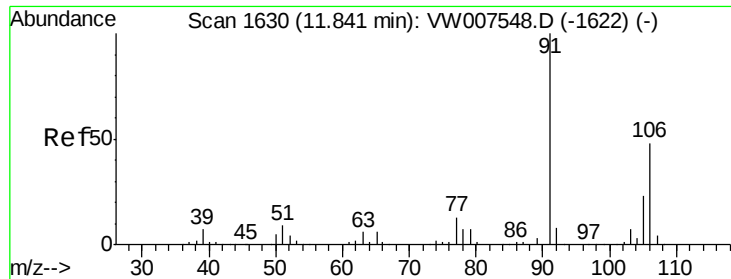
106 0.0 21.8 32.8#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

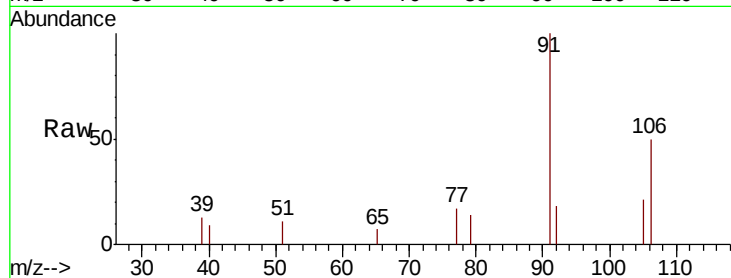




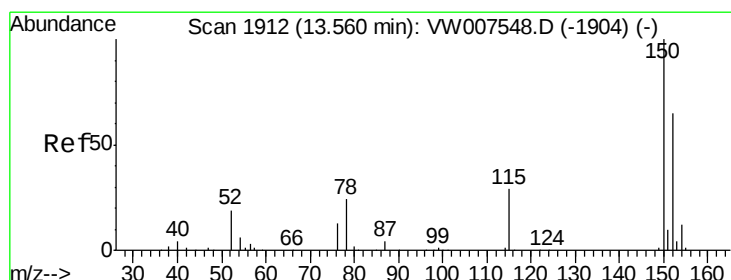
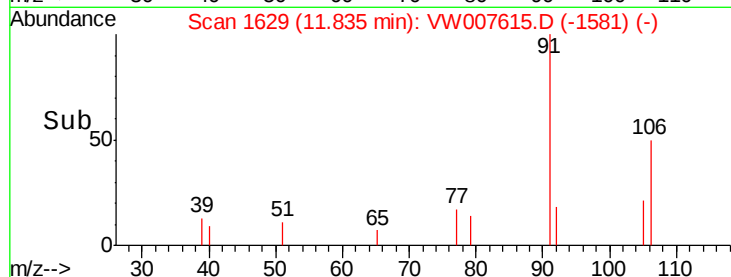
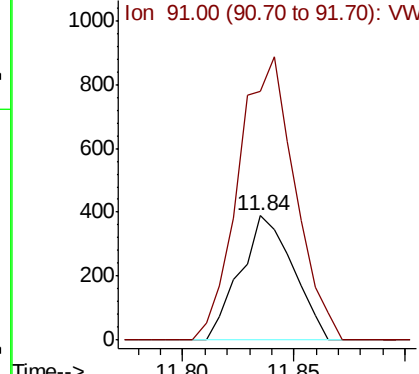
#68
m/p-Xvlenes
Concen: 66.380 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007615.D
Acq: 16 Dec 2018 07:16

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 639
Ion Ratio Lower Upper
106 100
91 244.9 165.3 247.9

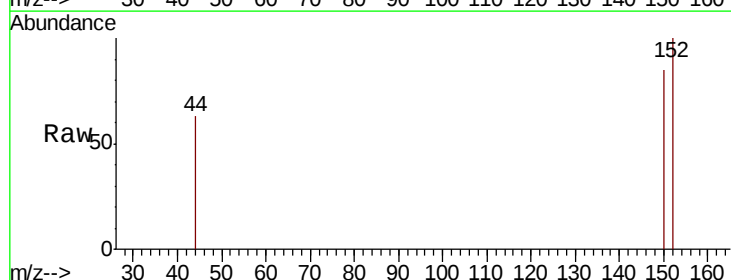


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

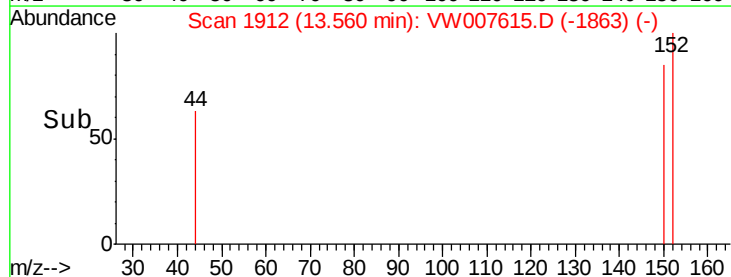
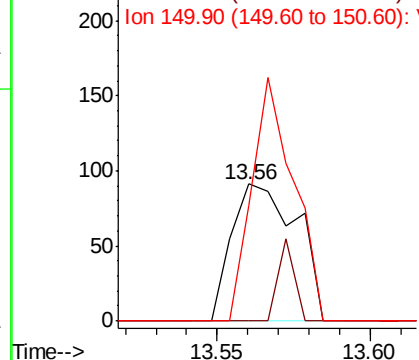


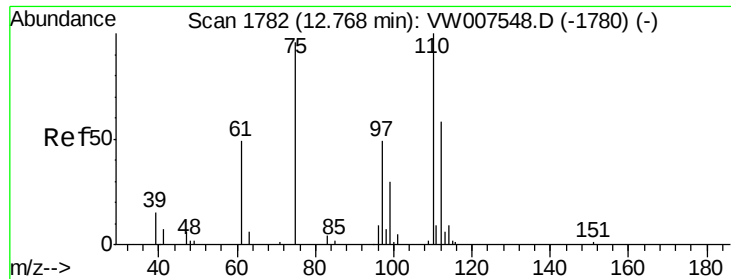
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007615.D
Acq: 16 Dec 2018 07:16

Tgt Ion:152 Resp: 134
Ion Ratio Lower Upper
152 100
115 14.9 31.4 94.2#
150 114.2 0.0 358.4



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





#76

1,2,3-Trichloropropane

Concen: 38.919 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007615.D

Acq: 16 Dec 2018 07:16

Instrument :

MSVOA_W

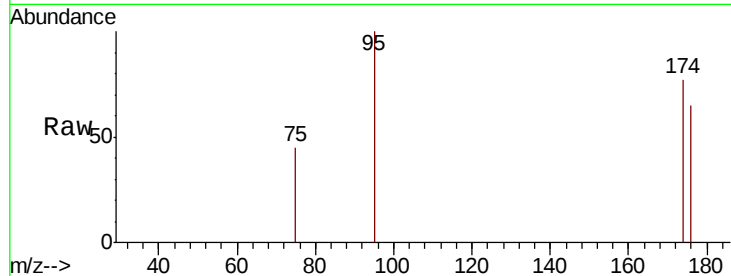
ClientSampleId :

Tot Ion: 75 Resp: 43

Ion Ratio Lower Upper

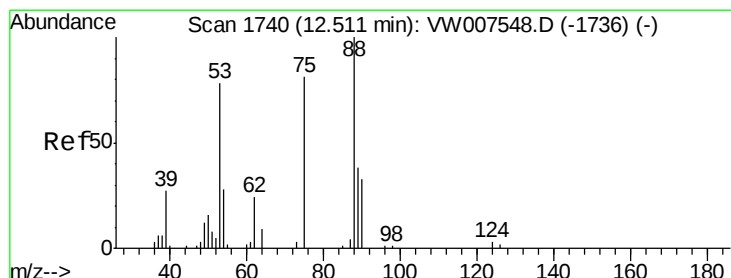
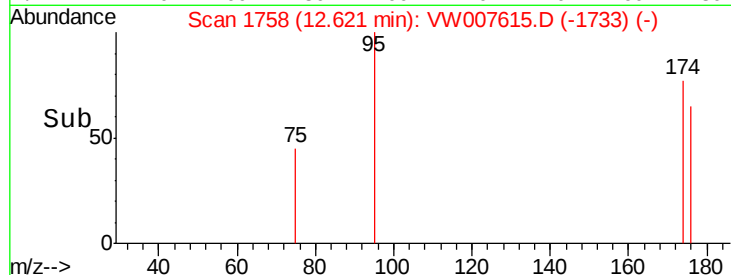
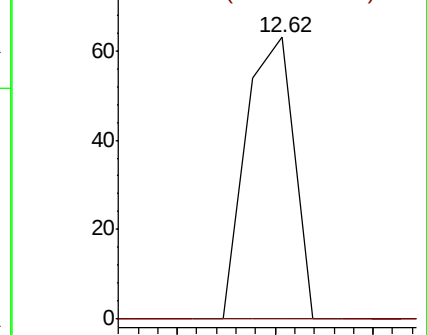
75 100

77 0.0 166.9 500.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 85.972 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007615.D

Acq: 16 Dec 2018 07:16

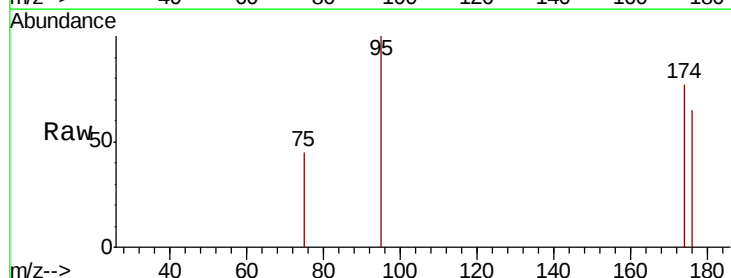
Tgt Ion: 75 Resp: 43

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

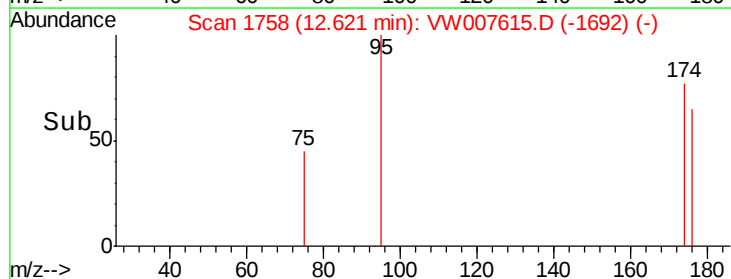
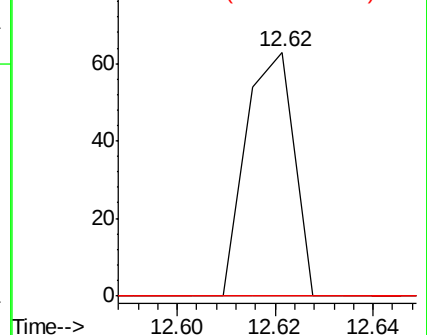
89 0.0 40.3 60.5#

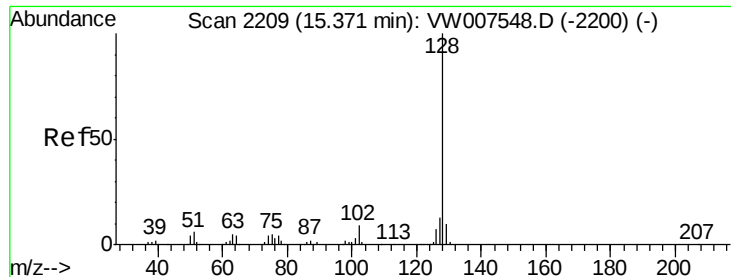


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#95
 Naphthalene
 Concen: 3.738 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.01 min
 Lab File: VW007615.D
 Acq: 16 Dec 2018 07:16

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.3	12.5#

