

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007562.D
 Acq On : 15 Dec 2018 04:57
 Operator : SY/AP
 Sample : J6391-01
 Misc : 3.70G/5ML/MSVOA_W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-01

Quant Time: Dec 15 06:03:50 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

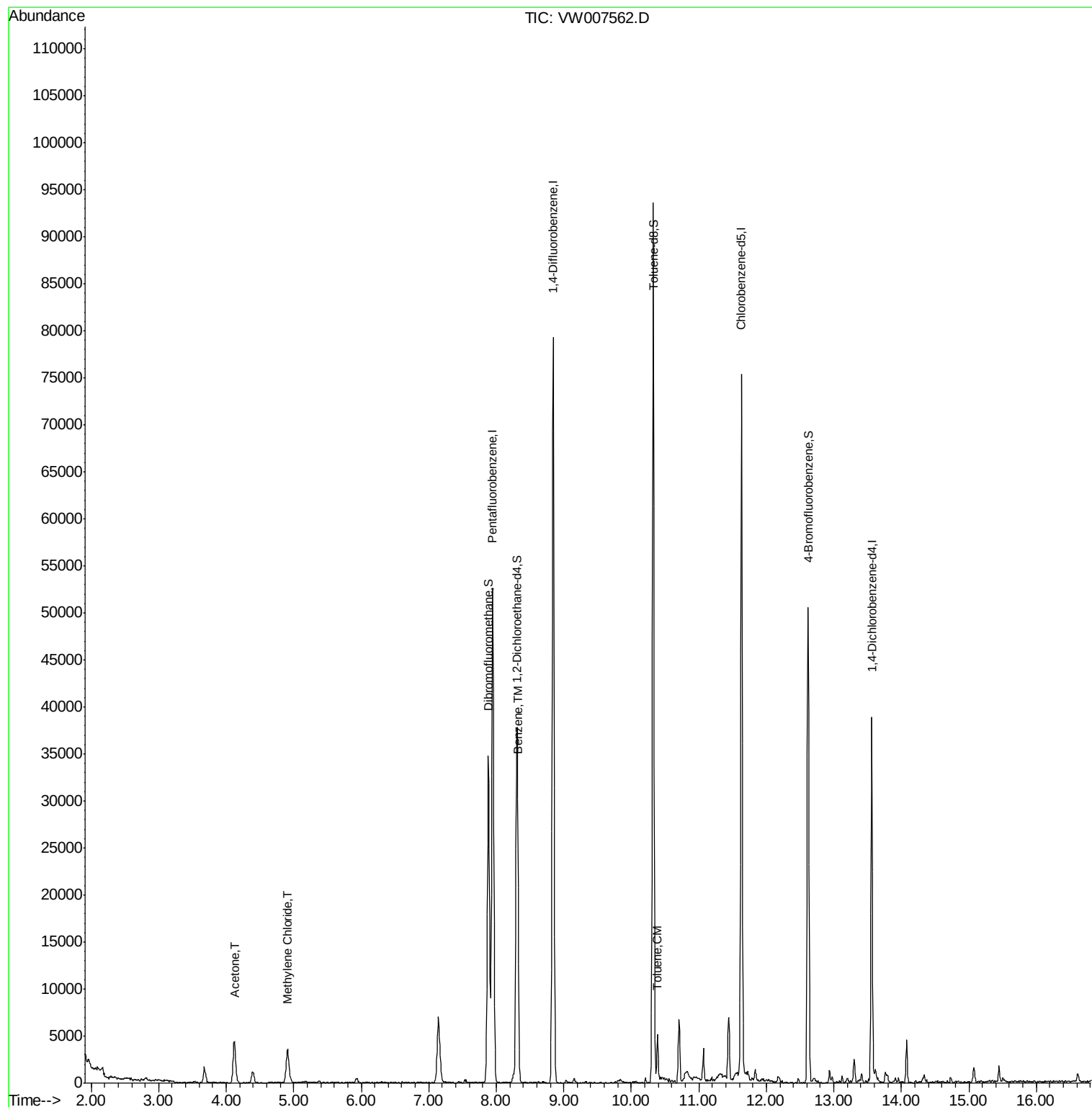
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	37916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	66676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	41338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	10362	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	31362	74.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	149.12%	
35) Dibromofluoromethane	7.88	113	24846	61.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.12%	
50) Toluene-d8	10.32	98	63217	41.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.54%	
62) 4-Bromofluorobenzene	12.62	95	14782	26.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.14%	
Target Compounds						
16) Acetone	4.12	43	7971	108.486	ug/l	Qvalue 100
20) Methylene Chloride	4.90	84	3051	3.988	ug/l	87
40) Benzene	8.32	78	3239	1.919	ug/l #	89
52) Toluene	10.39	92	2335	2.138	ug/l	98

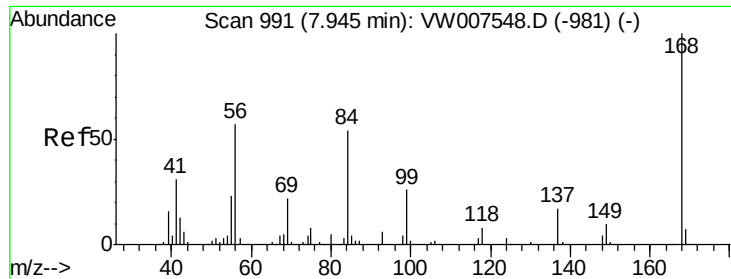
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007562.D

Acq: 15 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

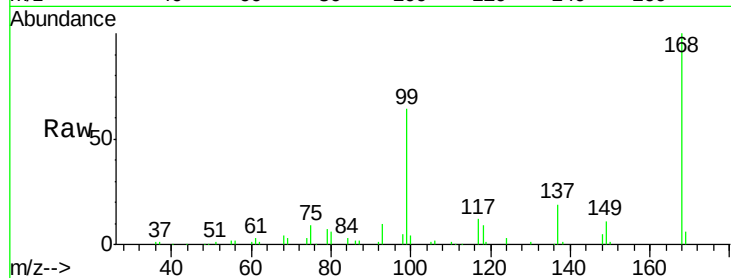
P001-SS015-0612-01

Tgt Ion: 168 Resp: 37916

Ion Ratio Lower Upper

168 100

99 64.2 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

15000

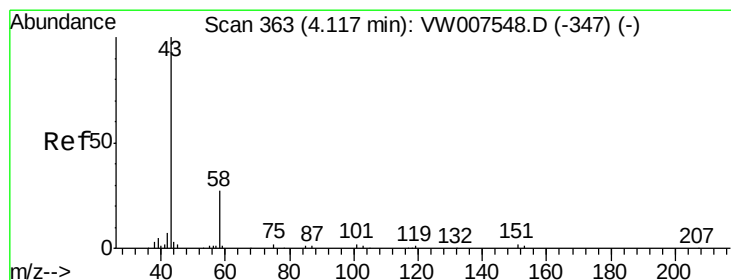
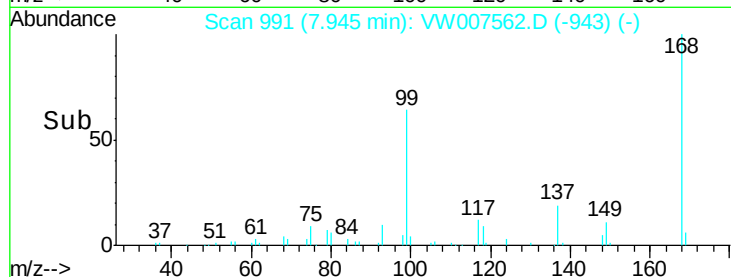
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 108.486 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007562.D

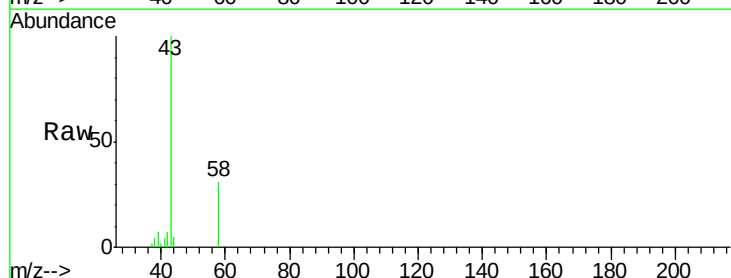
Acq: 15 Dec 2018 04:57

Tgt Ion: 43 Resp: 7971

Ion Ratio Lower Upper

43 100

58 31.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

3000

2500

2000

1500

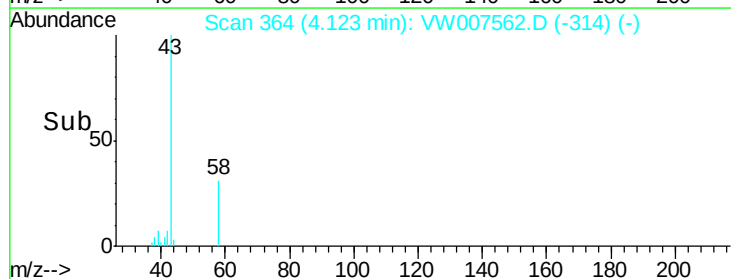
1000

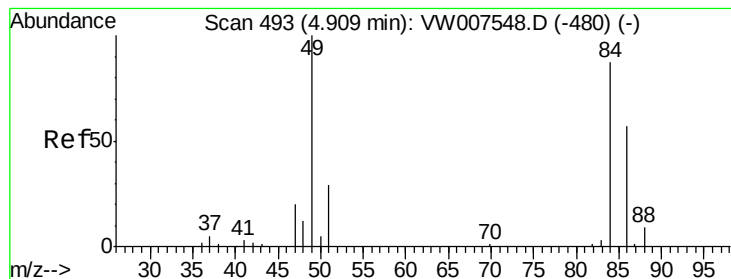
500

0

4.00 4.05 4.10 4.15 4.20

Time-->





#20

Methylene Chloride

Concen: 3.988 ug/l

RT: 4.90 min Scan# 492

Delta R.T. 0.00 min

Lab File: VW007562.D

Acq: 15 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

P001-SS015-0612-01

Tgt Ion: 84 Resp: 3051

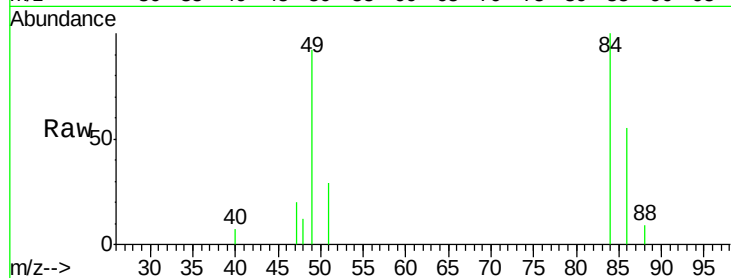
Ion Ratio Lower Upper

84 100

49 92.2 87.1 130.7

51 29.5 28.2 42.2

86 55.3 50.8 76.2

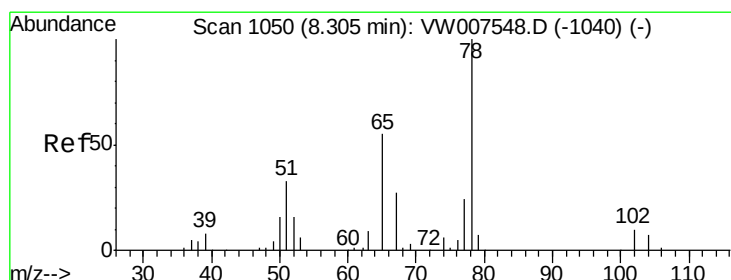
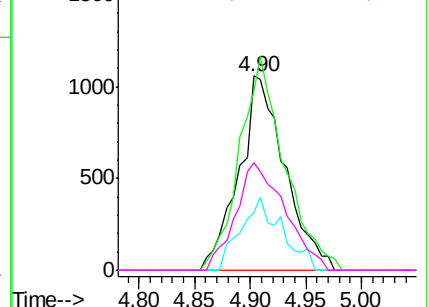
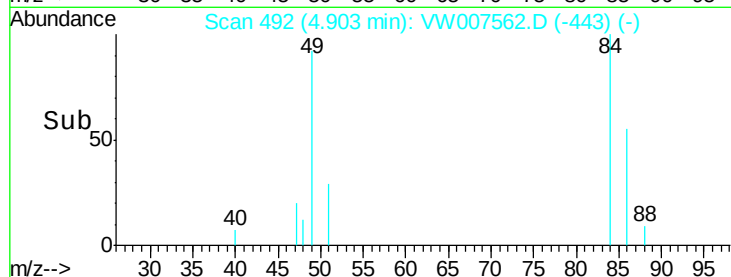


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#33

1,2-Dichloroethane-d4

Concen: 74.556 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007562.D

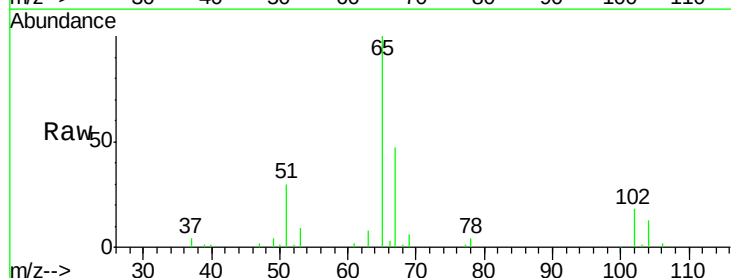
Acq: 15 Dec 2018 04:57

Tgt Ion: 65 Resp: 31362

Ion Ratio Lower Upper

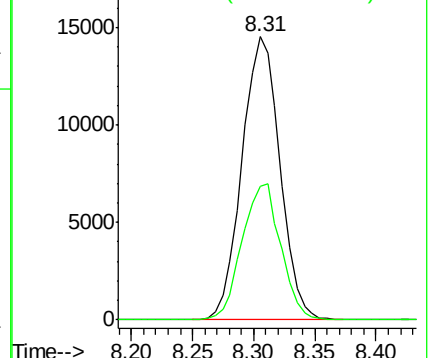
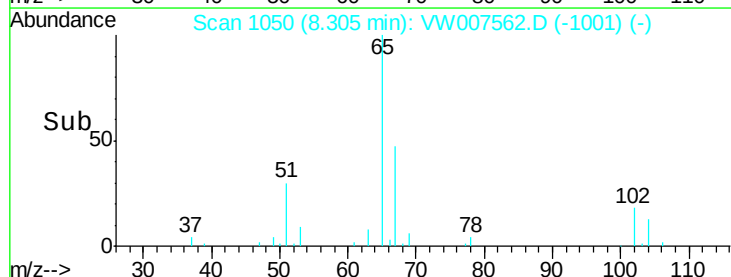
65 100

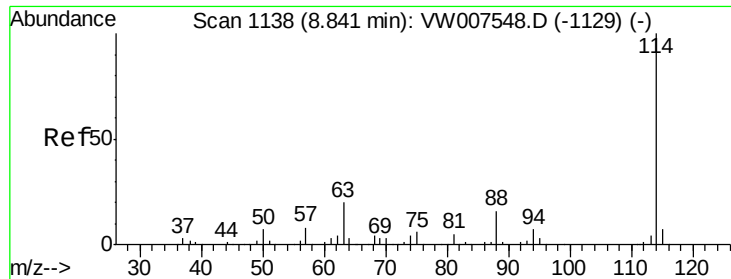
67 48.8 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007562.D

Acq: 15 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

P001-SS015-0612-01

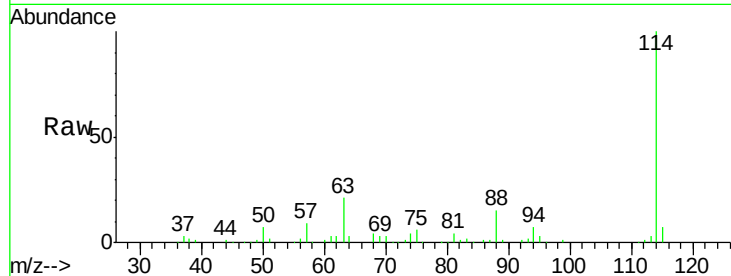
Tgt Ion:114 Resp: 66676

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

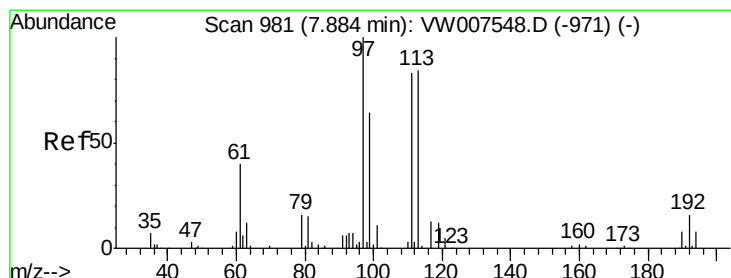
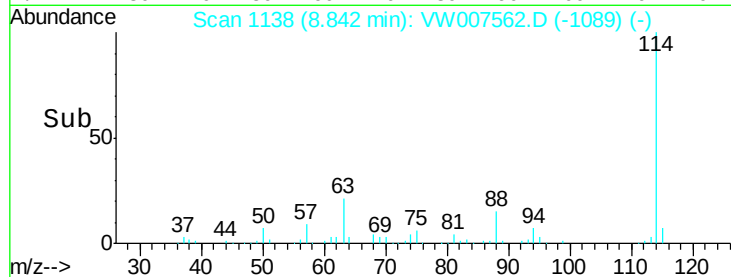
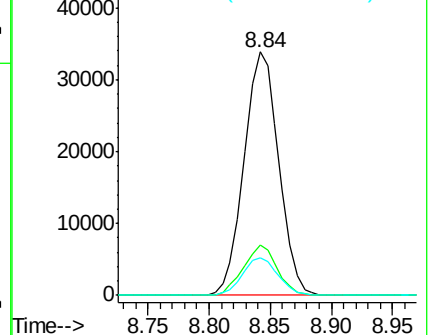
88 15.3 0.0 31.4



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: 61.558 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW007562.D

Acq: 15 Dec 2018 04:57

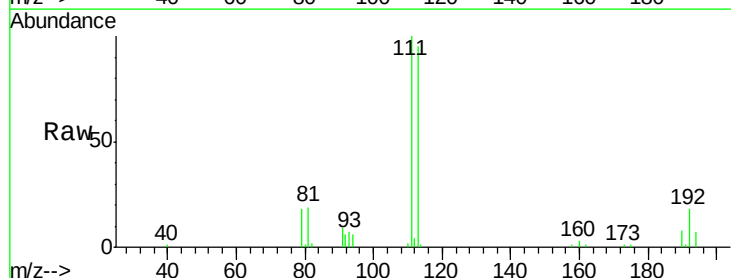
Tgt Ion:113 Resp: 24846

Ion Ratio Lower Upper

113 100

111 104.1 81.1 121.7

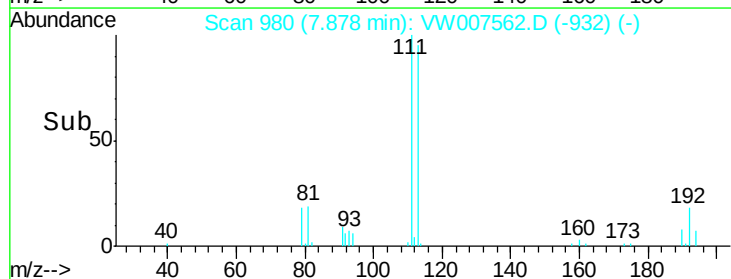
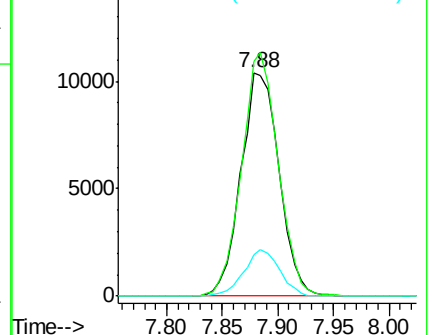
192 19.5 14.6 21.8

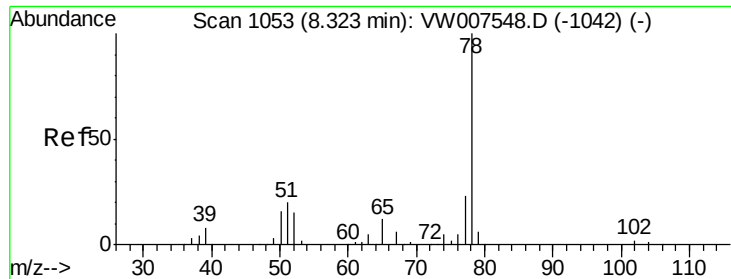


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.919 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW007562.D

Acq: 15 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

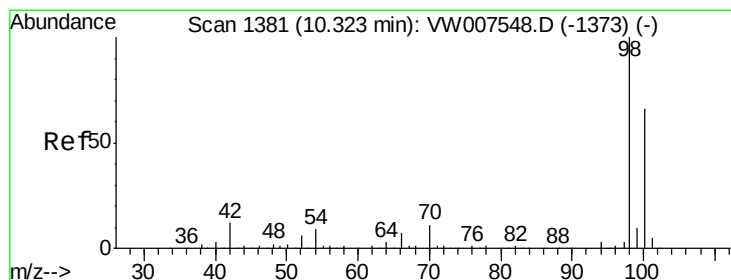
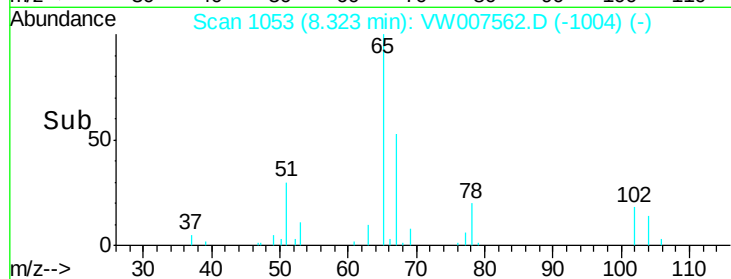
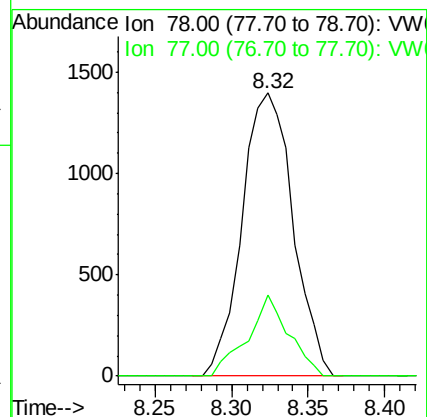
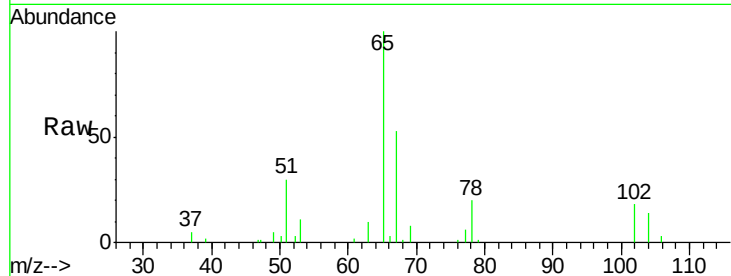
P001-SS015-0612-01

Tgt Ion: 78 Resp: 3239

Ion Ratio Lower Upper

78 100

77 28.8 18.8 28.2#



#50

Toluene-d8

Concen: 41.773 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007562.D

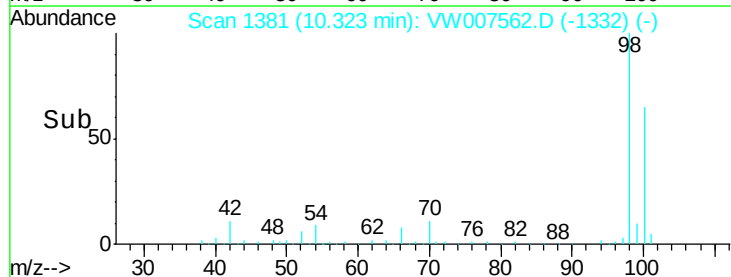
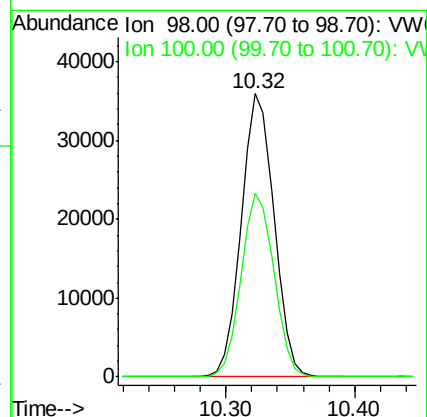
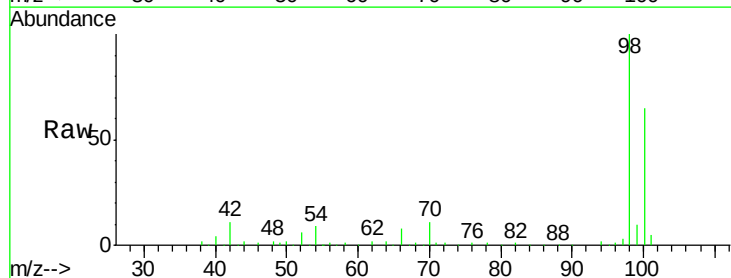
Acq: 15 Dec 2018 04:57

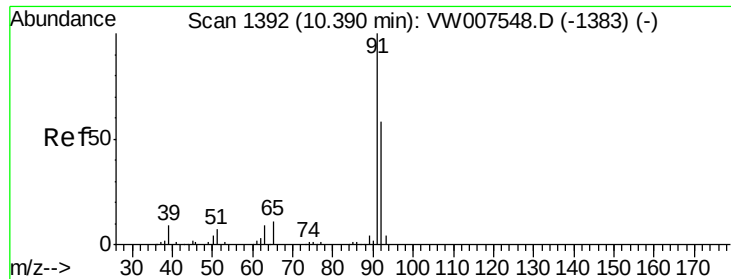
Tgt Ion: 98 Resp: 63217

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.8





#52

Toluene

Concen: 2.138 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007562.D

Acq: 15 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

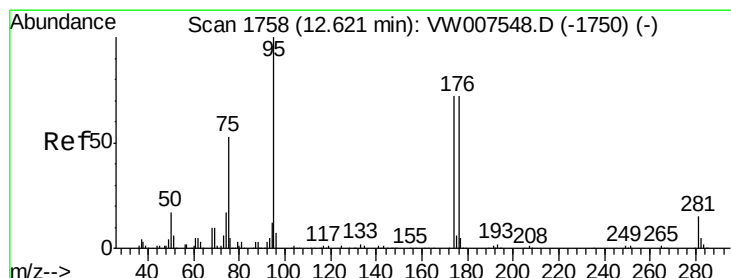
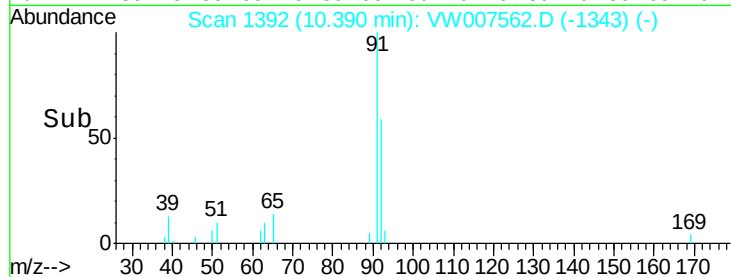
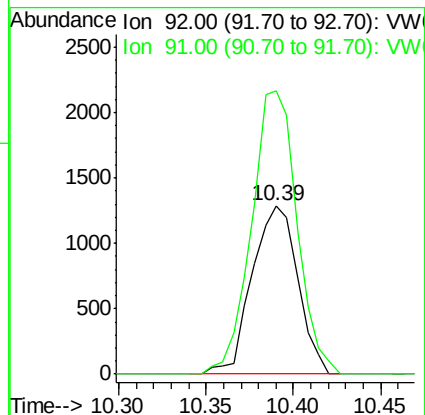
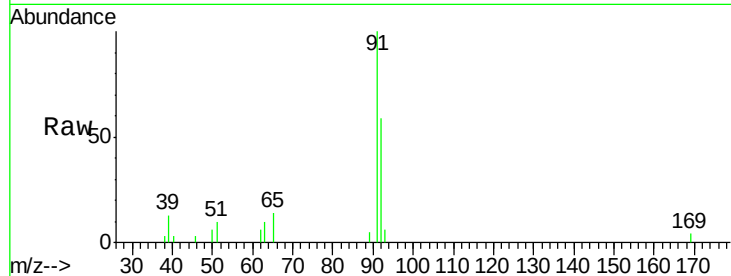
P001-SS015-0612-01

Tgt Ion: 92 Resp: 2335

Ion Ratio Lower Upper

92 100

91 167.1 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 26.567 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007562.D

Acq: 15 Dec 2018 04:57

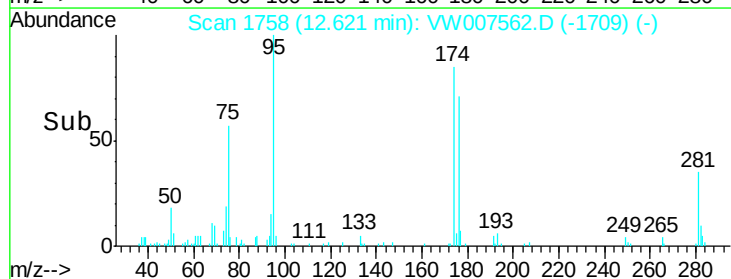
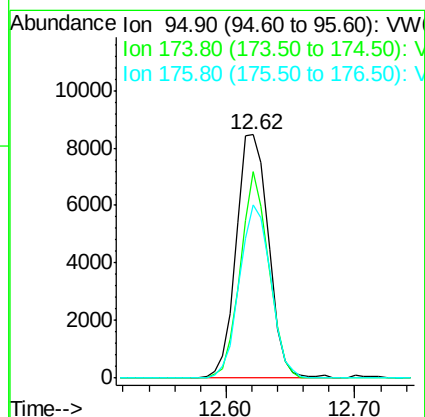
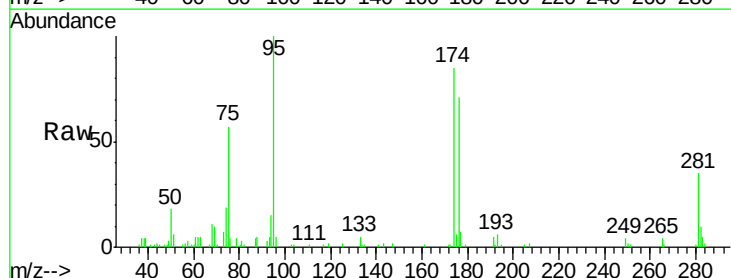
Tgt Ion: 95 Resp: 14782

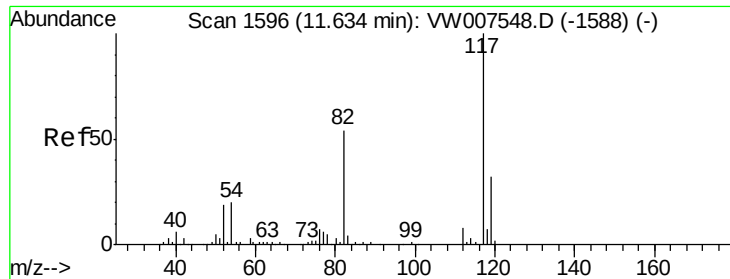
Ion Ratio Lower Upper

95 100

174 73.8 0.0 147.2

176 68.2 0.0 138.8

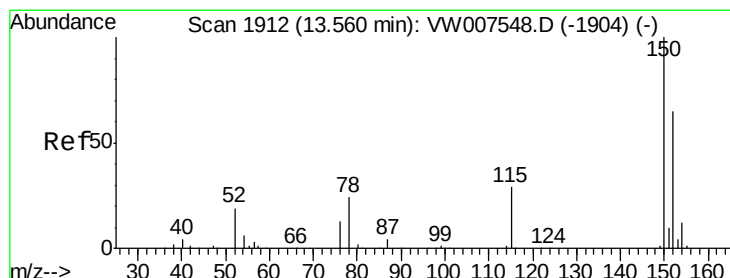
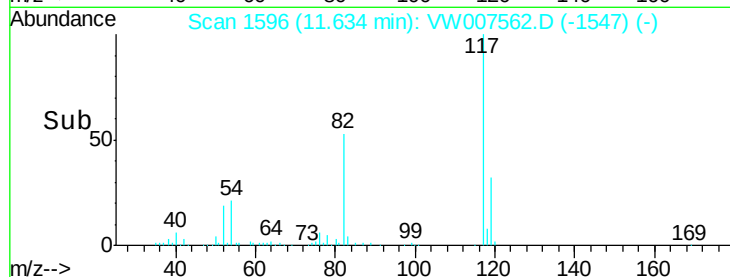
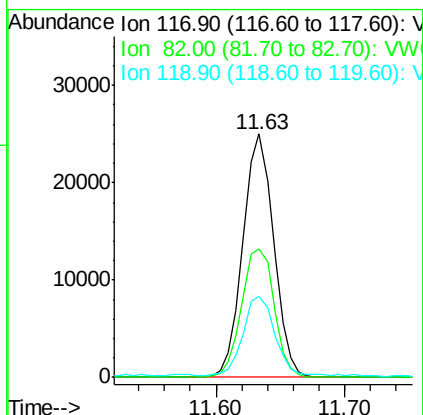
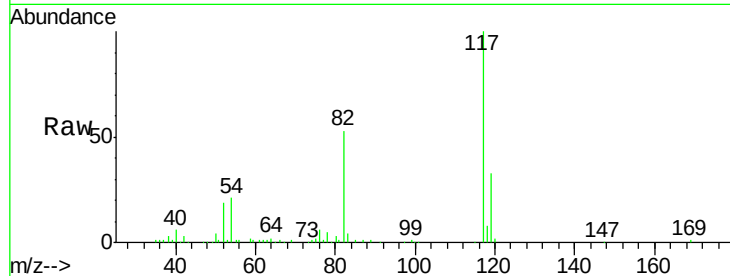




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007562.D
Acq: 15 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0612-01

Tgt Ion:117 Resp: 41338
Ion Ratio Lower Upper
117 100
82 52.7 42.3 63.5
119 32.1 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007562.D
Acq: 15 Dec 2018 04:57

Tgt Ion:152 Resp: 10362
Ion Ratio Lower Upper
152 100
115 58.0 31.4 94.2
150 154.9 0.0 358.4

