

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007587.D
 Acq On : 15 Dec 2018 17:27
 Operator : SY/AP
 Sample : J6378-01
 Misc : 5.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD007-0612-01

Quant Time: Dec 15 22:31:47 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

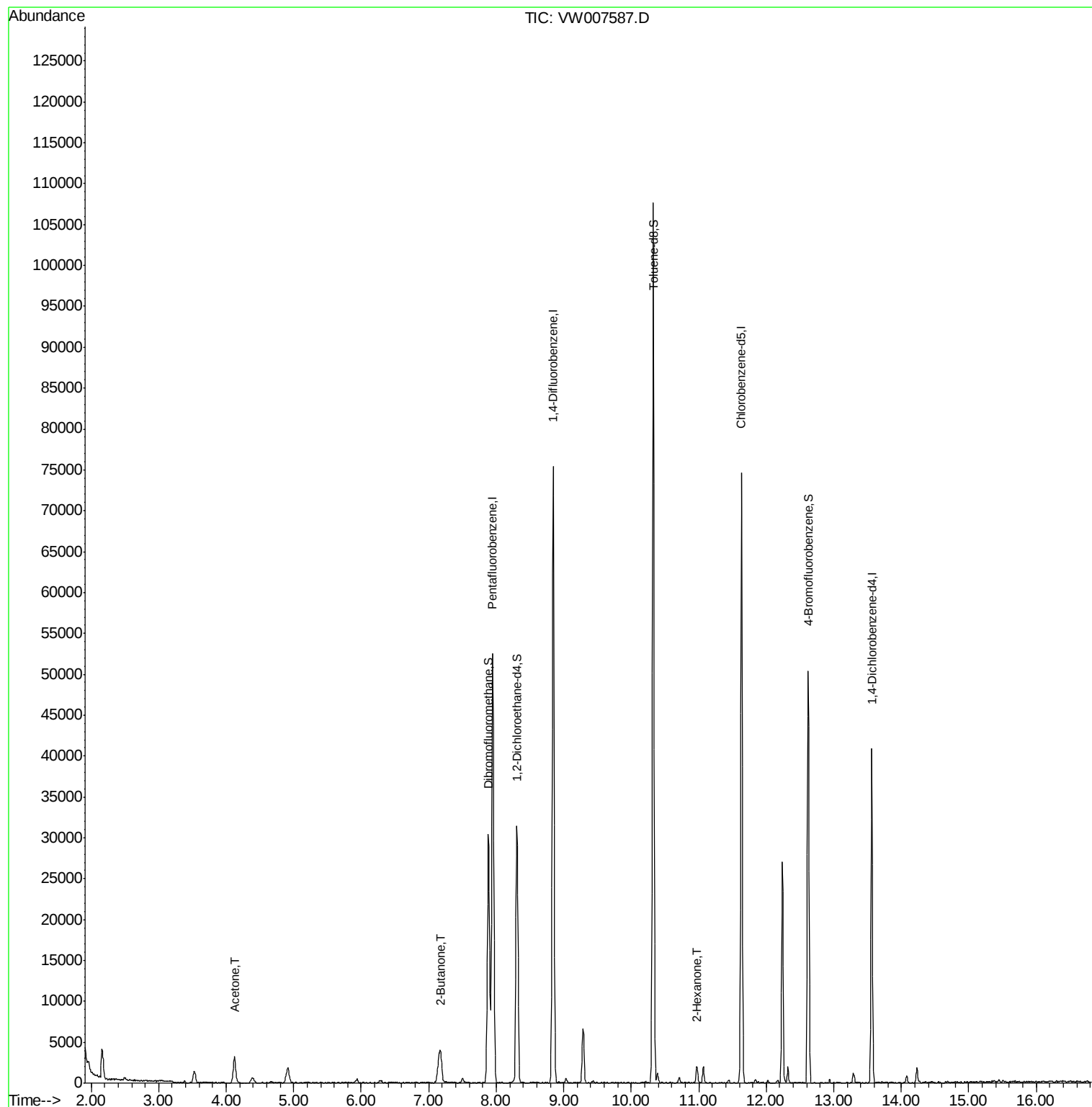
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	38098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	63073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	42863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	11294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	26184	61.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.90%	
35) Dibromofluoromethane	7.88	113	22229	58.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.44%	
50) Toluene-d8	10.32	98	71599	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.62	95	17661	33.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.10%	
Target Compounds						
16) Acetone	4.12	43	5542	75.067	ug/l	97
25) 2-Butanone	7.18	43	5838	60.572	ug/l	91
59) 2-Hexanone	10.97	43	1548	11.623	ug/l	100

(#) = 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: VW007587.D

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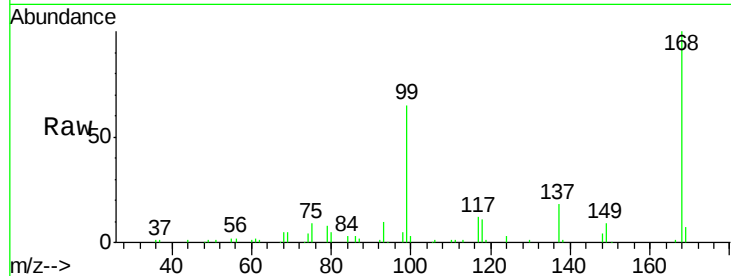
P001-SD007-0612-01

Tgt Ion: 168 Resp: 38098

Ion Ratio Lower Upper

168 100

99 64.6 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW007587.D (-943) (-)

Ion 98.90 (98.60 to 99.60): VW007587.D (-943) (-)

7.95

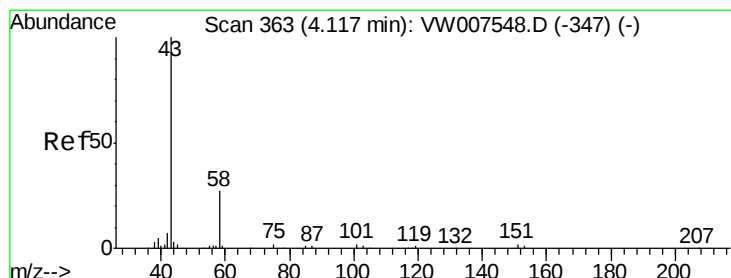
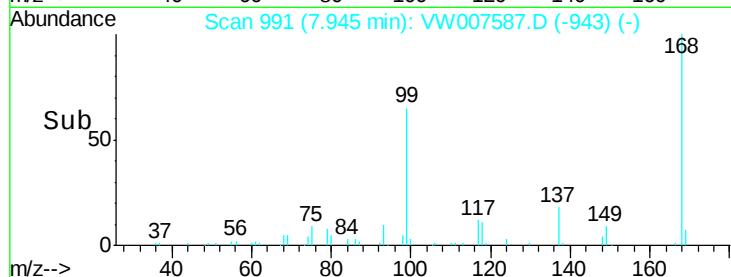
15000

10000

5000

0

Time-->



#16

Acetone

Concen: 75.067 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007587.D

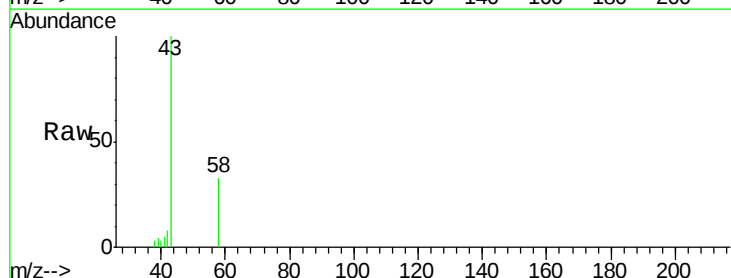
Acq: 15 Dec 2018 17:27

Tgt Ion: 43 Resp: 5542

Ion Ratio Lower Upper

43 100

58 32.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW007587.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VW007587.D (-314) (-)

4.12

2500

2000

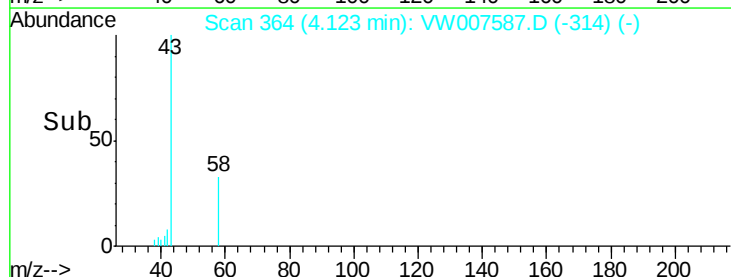
1500

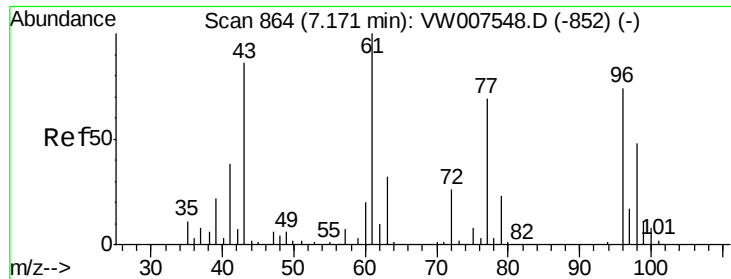
1000

500

0

Time-->

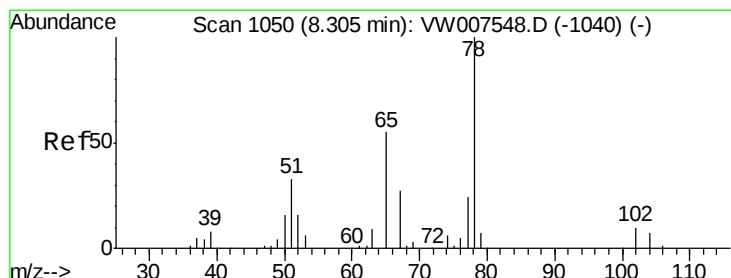
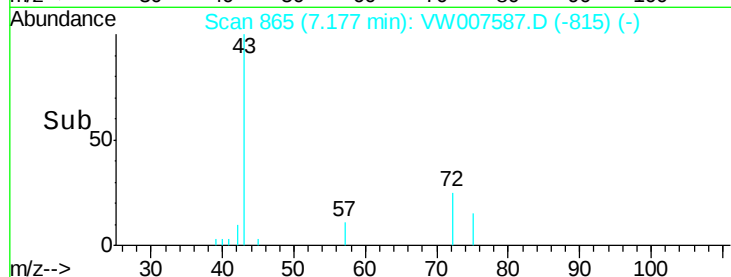
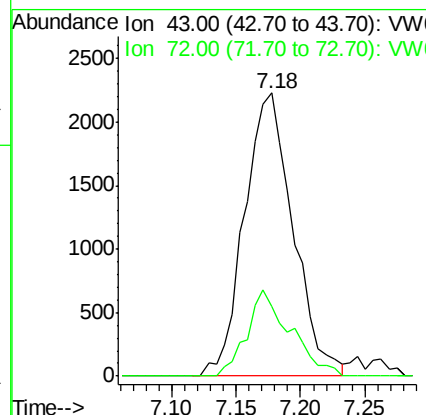
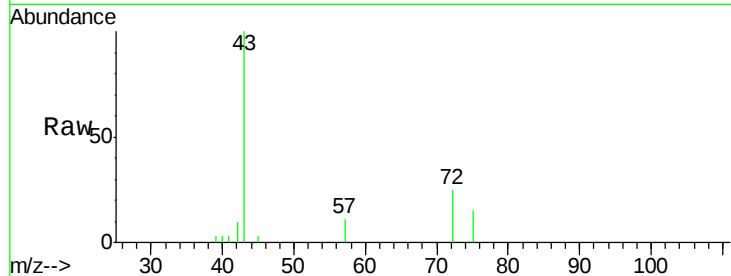




#25
 2-Butanone
 Concen: 60.572 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW007587.D
 Acq: 15 Dec 2018 17:27

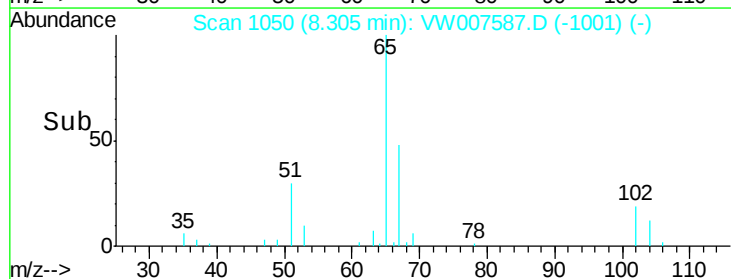
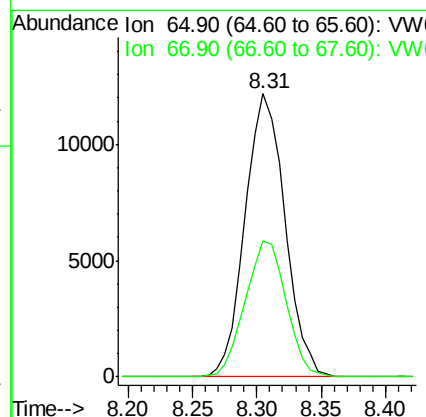
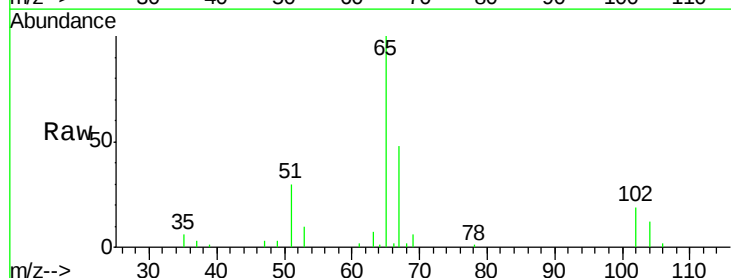
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD007-0612-01

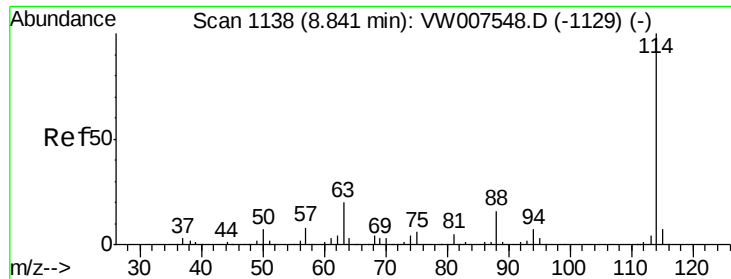
Tgt Ion: 43 Resp: 5838
 Ion Ratio Lower Upper
 43 100
 72 24.5 23.4 35.2



#33
 1,2-Dichloroethane-d4
 Concen: 61.950 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007587.D
 Acq: 15 Dec 2018 17:27

Tgt Ion: 65 Resp: 26184
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 101.6

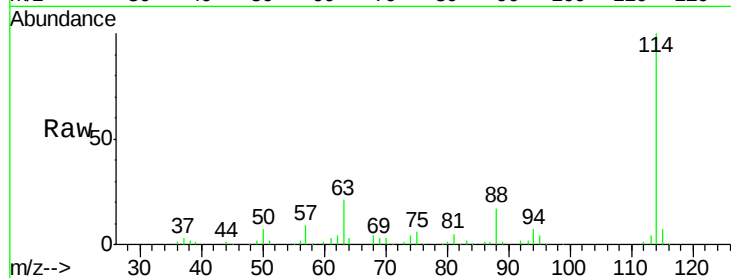




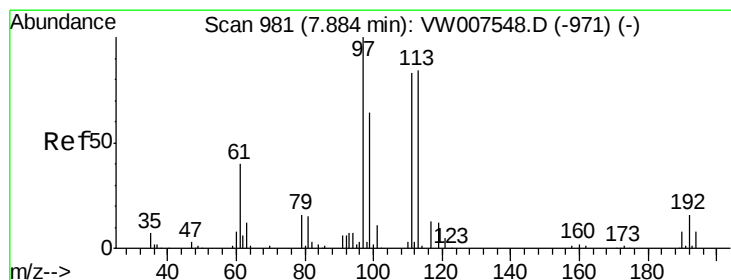
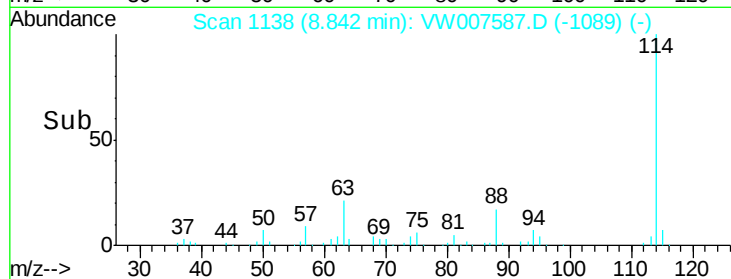
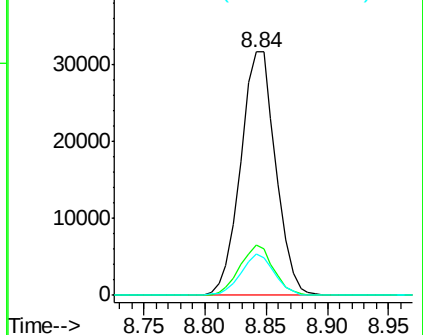
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007587.D
 Acq: 15 Dec 2018 17:27

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD007-0612-01

Tgt Ion:114 Resp: 63073
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.6
 88 17.1 0.0 31.4

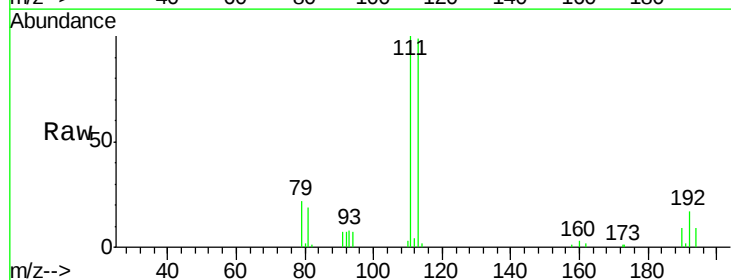


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

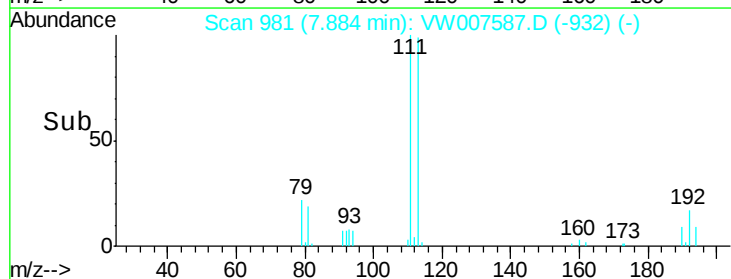
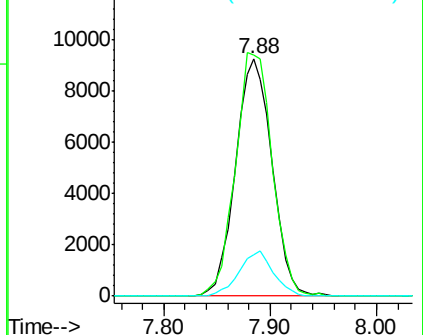


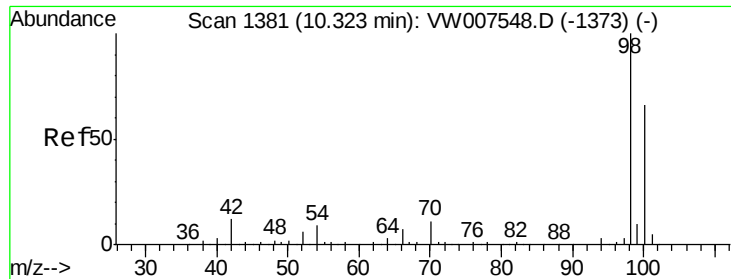
#35
 Dibromofluoromethane
 Concen: 58.221 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007587.D
 Acq: 15 Dec 2018 17:27

Tgt Ion:113 Resp: 22229
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.1 121.7
 192 17.8 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: 50.015 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007587.D

Acq: 15 Dec 2018 17:27

Instrument :

MSVOA_W

ClientSampleId :

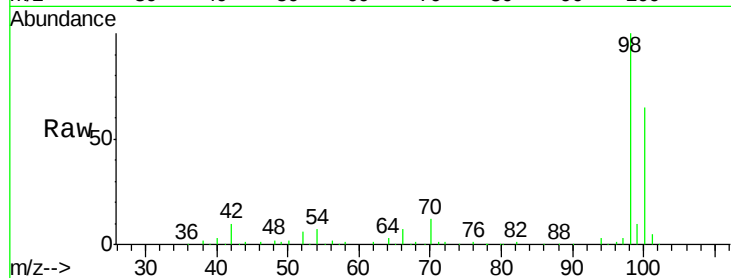
P001-SD007-0612-01

Tgt Ion: 98 Resp: 71599

Ion Ratio Lower Upper

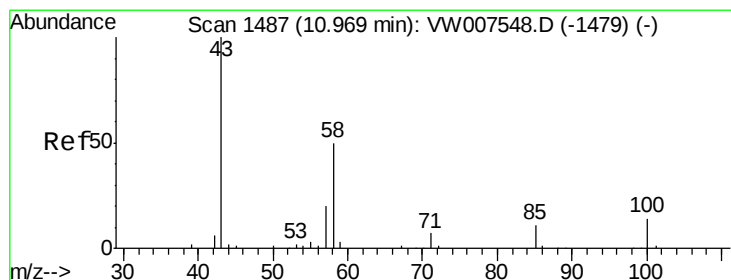
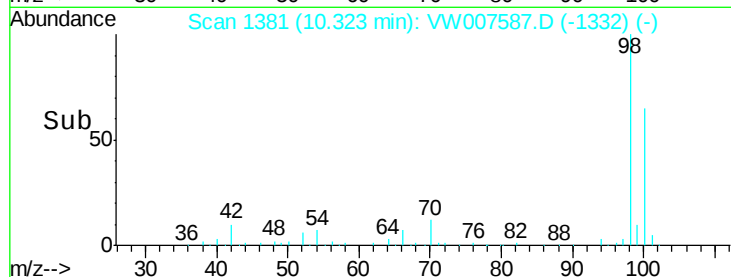
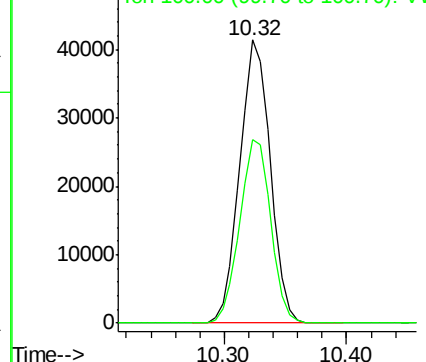
98 100

100 65.8 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#59

2-Hexanone

Concen: 11.623 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007587.D

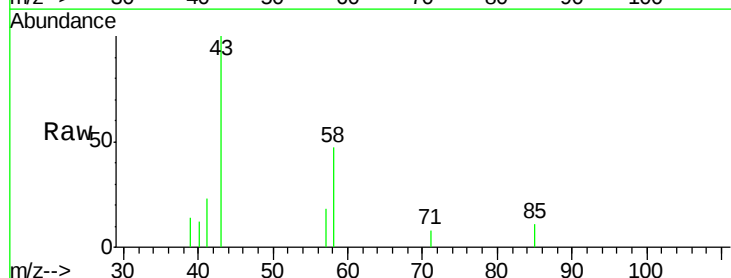
Acq: 15 Dec 2018 17:27

Tgt Ion: 43 Resp: 1548

Ion Ratio Lower Upper

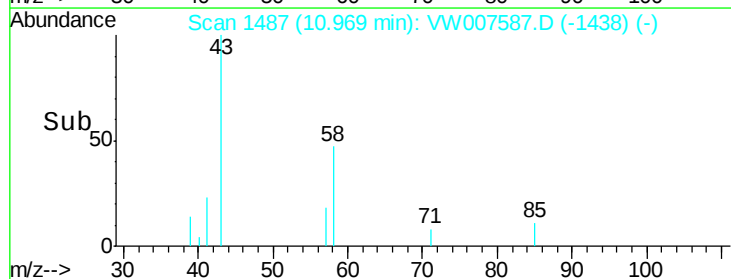
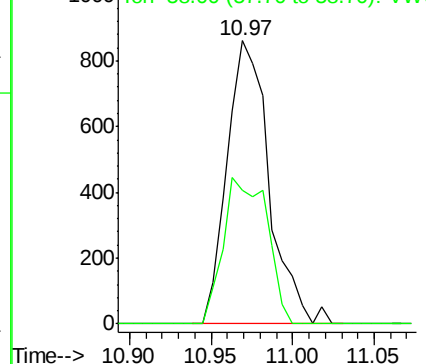
43 100

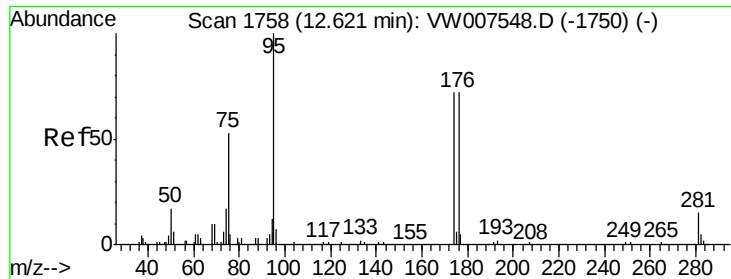
58 54.0 27.1 81.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#62

4-Bromofluorobenzene

Concen: 33.554 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007587.D

Acq: 15 Dec 2018 17:27

Instrument :

MSVOA_W

ClientSampleId :

P001-SD007-0612-01

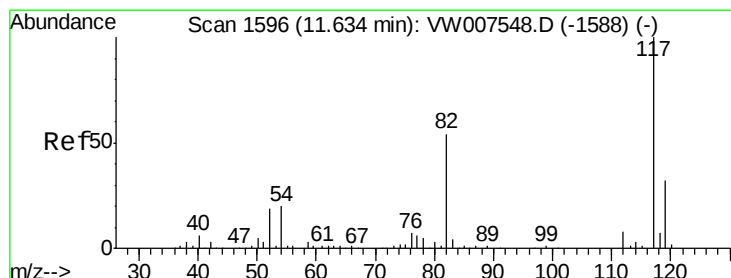
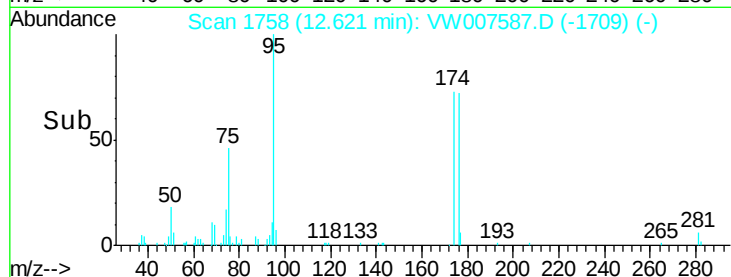
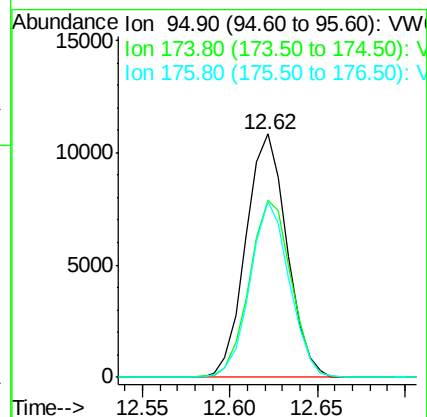
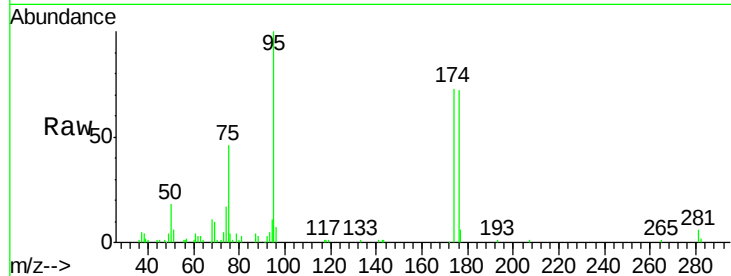
Tgt Ion: 95 Resp: 17661

Ion Ratio Lower Upper

95 100

174 73.8 0.0 147.2

176 69.3 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: VW007587.D

Acq: 15 Dec 2018 17:27

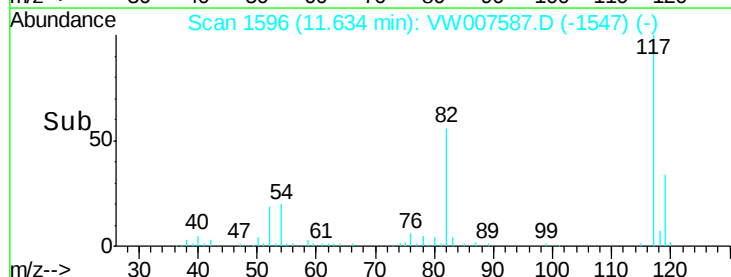
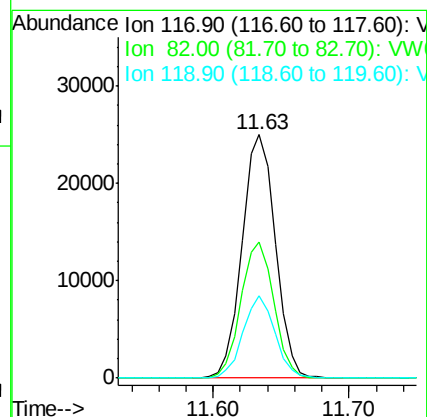
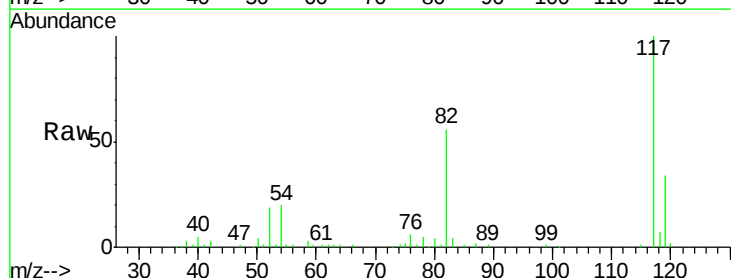
Tgt Ion: 117 Resp: 42863

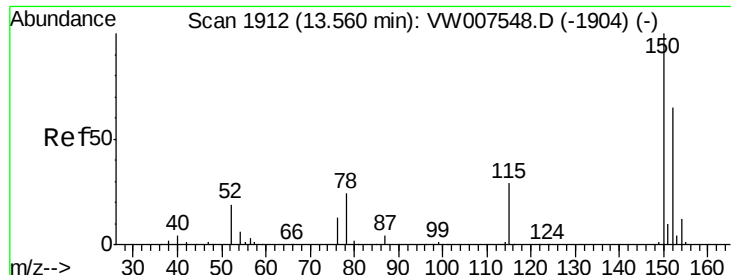
Ion Ratio Lower Upper

117 100

82 56.1 42.3 63.5

119 34.0 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: VW007587.D

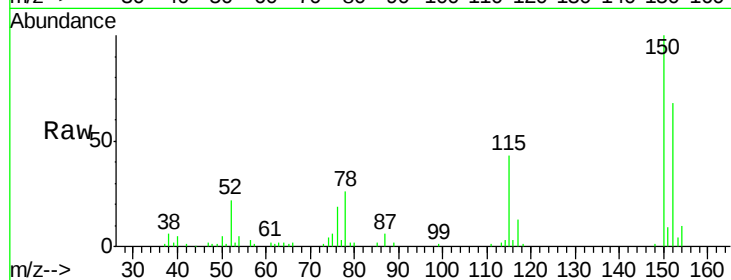
Acq: 15 Dec 2018 17:27

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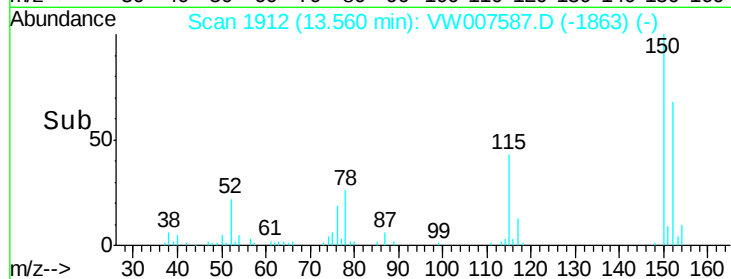
Tgt Ion:152 Resp: 11294

Ion Ratio Lower Upper

152 100

115 61.8 31.4 94.2

150 151.1 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

