

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\2018\VW122118\
 Data File : VW007744.D
 Acq On : 20 Dec 2018 12:51
 Operator : SY/AP
 Sample : J6377-01
 Misc : 3.11G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD006-0006-02

Quant Time: Mar 01 03:09:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

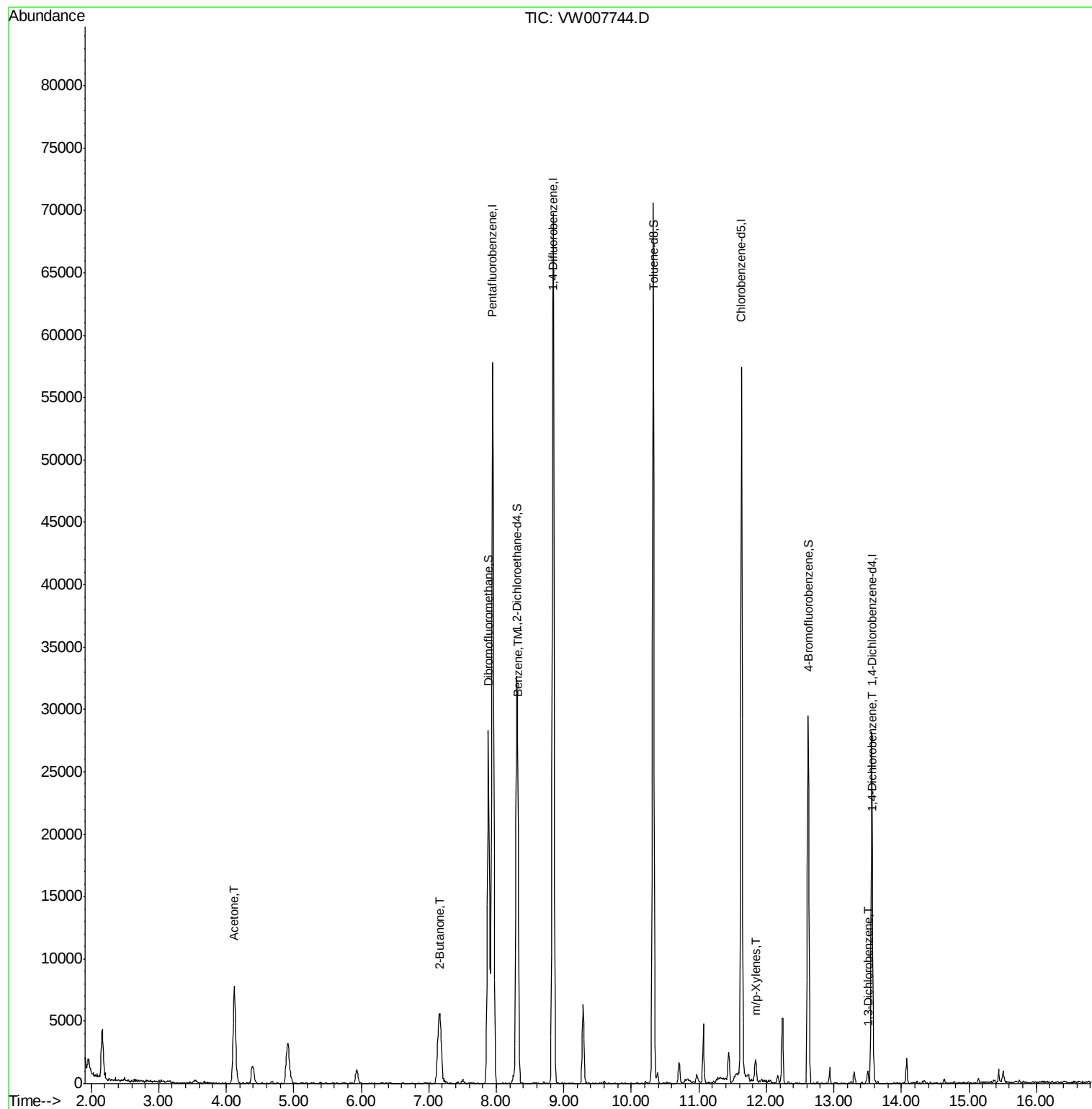
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	42171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	61571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	32278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	7055	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	25350	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
35) Dibromofluoromethane	7.88	113	20421	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
50) Toluene-d8	10.32	98	47471	33.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.04%	
62) 4-Bromofluorobenzene	12.62	95	8930	16.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	32.64%	
Target Compounds						
16) Acetone	4.12	43	13218	152.714	ug/l	98
25) 2-Butanone	7.17	43	6064	59.815	ug/l #	86
40) Benzene	8.32	78	5771	3.639	ug/l	97
68) m/p-Xylenes	11.84	106	721	1.550	ug/l	90
87) 1,3-Dichlorobenzene	13.50	146	597	2.460	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	1351	5.566	ug/l	91

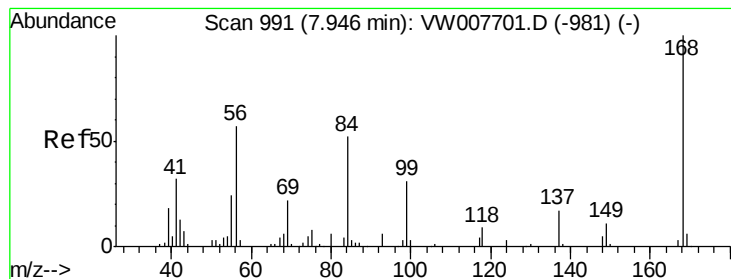
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\2018\VW122118\
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Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007744.D

Acq: 20 Dec 2018 12:51

Instrument :

MSVOA_W

ClientSampleId :

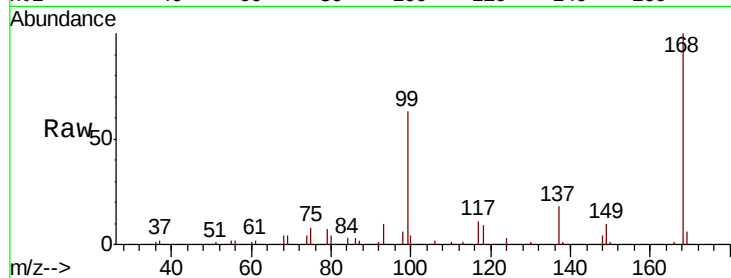
P001-SD006-0006-02

Tot Ion:168 Resp: 42171

Ion Ratio Lower Upper

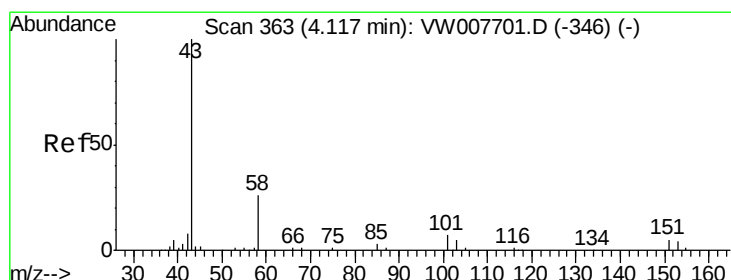
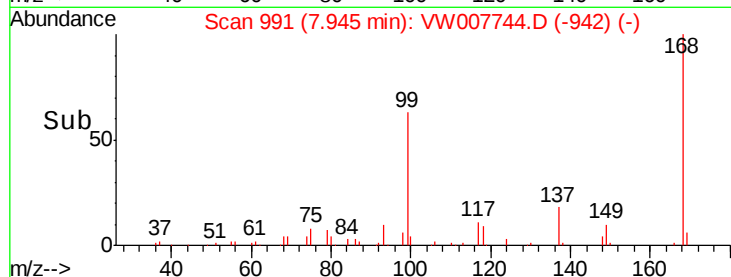
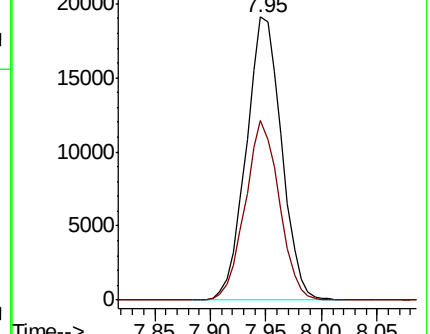
168 100

99 63.4 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 152.714 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007744.D

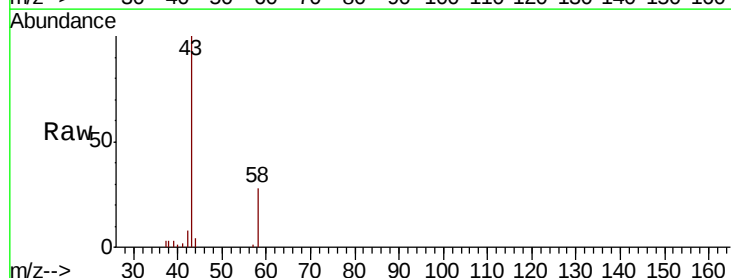
Acq: 20 Dec 2018 12:51

Tgt Ion: 43 Resp: 13218

Ion Ratio Lower Upper

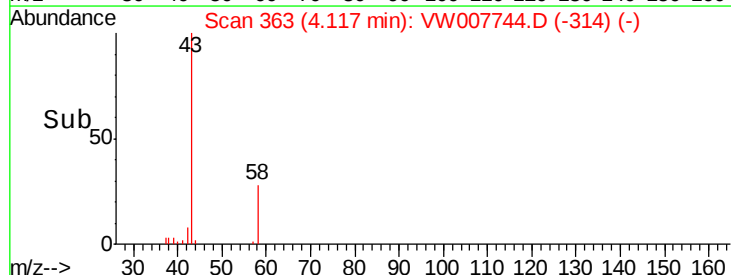
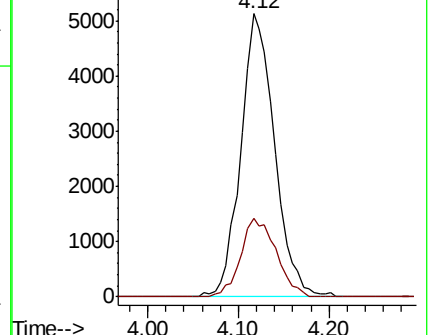
43 100

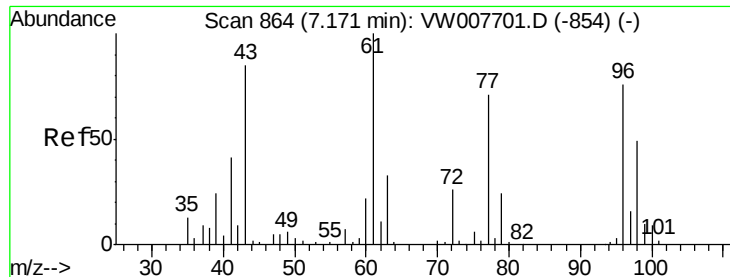
58 27.6 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#25

2-Butanone

Concen: 59.815 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007744.D

Acq: 20 Dec 2018 12:51

Instrument :

MSVOA_W

ClientSampleId :

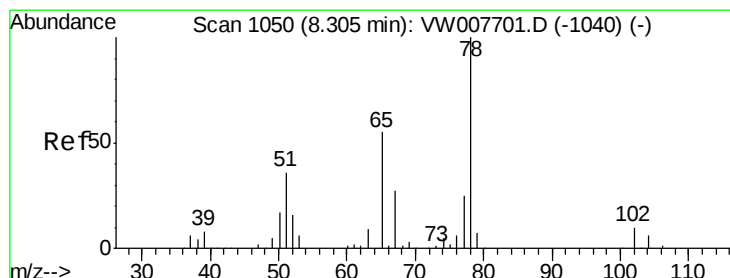
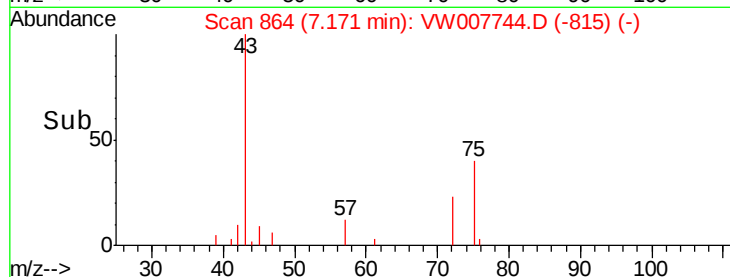
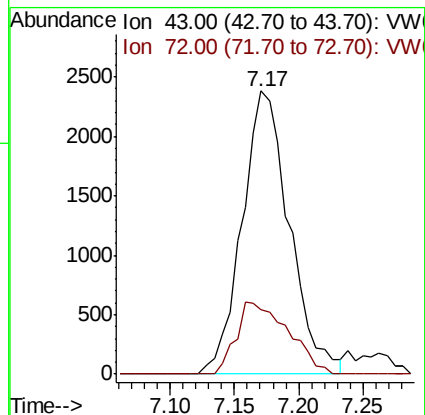
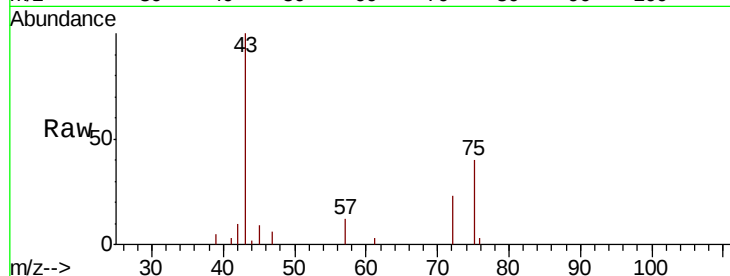
P001-SD006-0006-02

Tot Ion: 43 Resp: 6064

Ion Ratio Lower Upper

43 100

72 23.0 24.5 36.7#



#33

1,2-Dichloroethane-d4

Concen: 54.845 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW007744.D

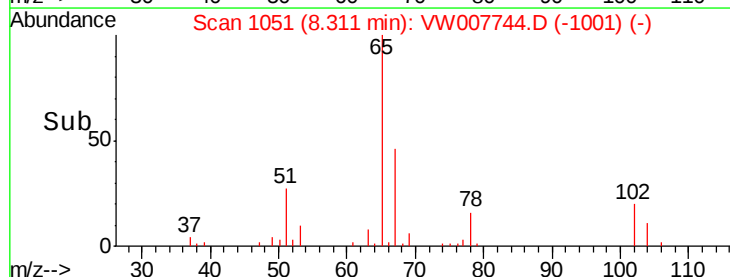
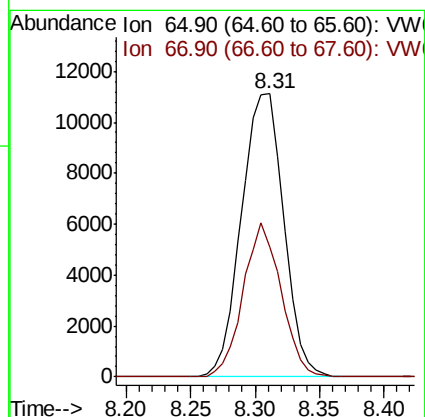
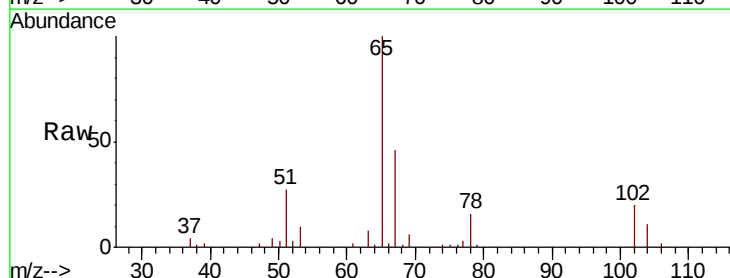
Acq: 20 Dec 2018 12:51

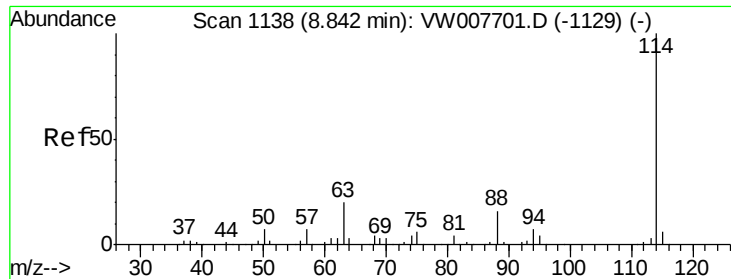
Tgt Ion: 65 Resp: 25350

Ion Ratio Lower Upper

65 100

67 48.6 0.0 100.6

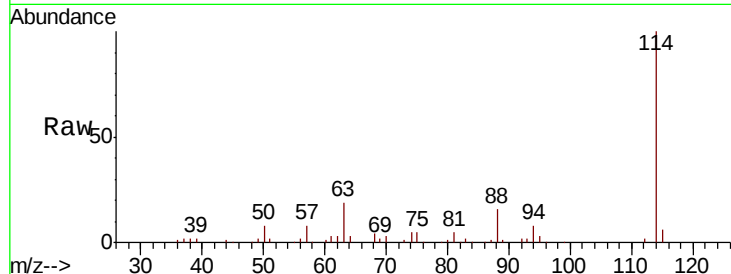




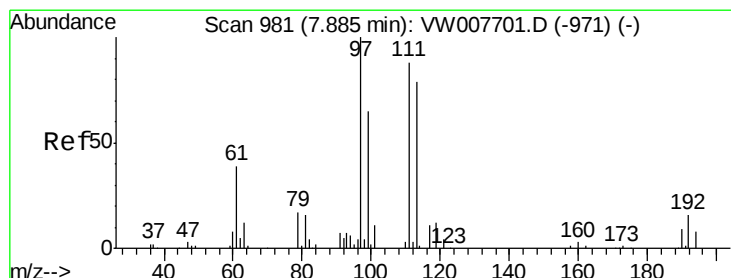
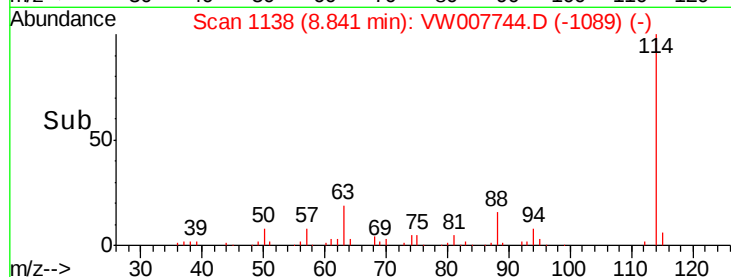
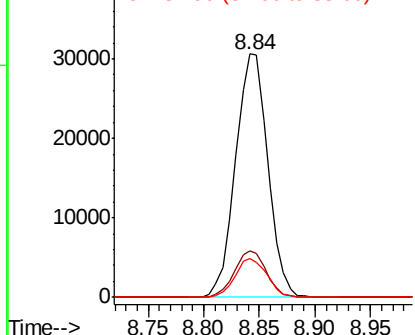
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007744.D
 Acq: 20 Dec 2018 12:51

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD006-0006-02

Tot Ion:114 Resp: 61571
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.0
 88 15.8 0.0 32.6

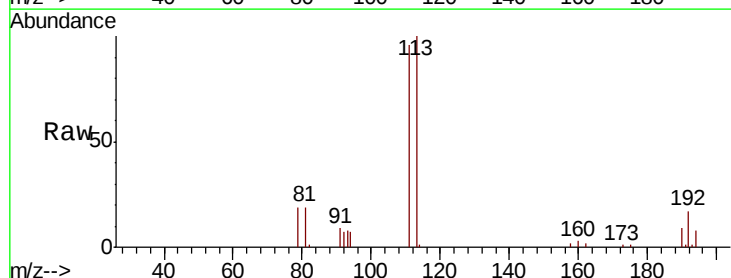


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

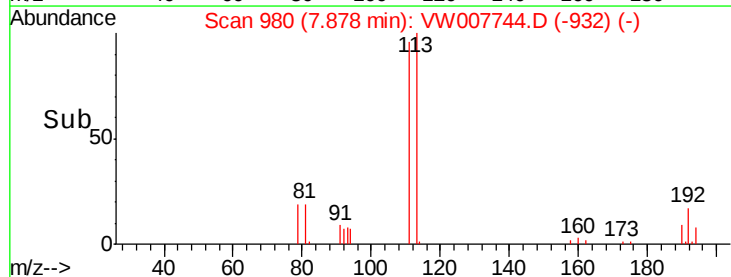
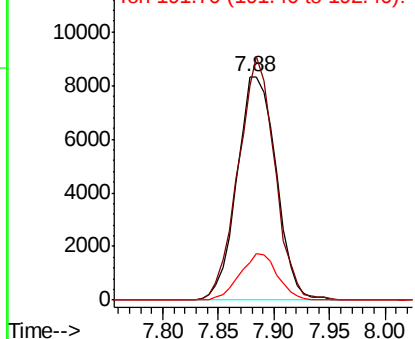


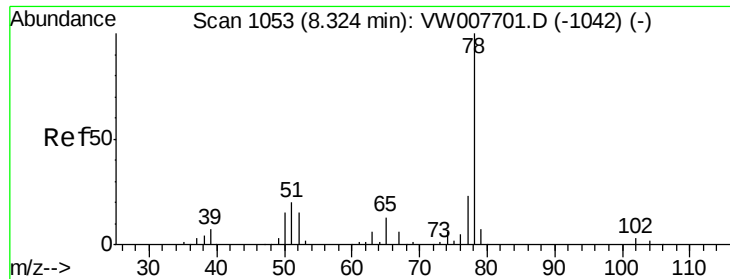
#35
 Dibromofluoromethane
 Concen: 54.367 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW007744.D
 Acq: 20 Dec 2018 12:51

Tgt Ion:113 Resp: 20421
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.6 124.0
 192 19.7 15.5 23.3



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: 3.639 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW007744.D

Acq: 20 Dec 2018 12:51

Instrument :

MSVOA_W

ClientSampleId :

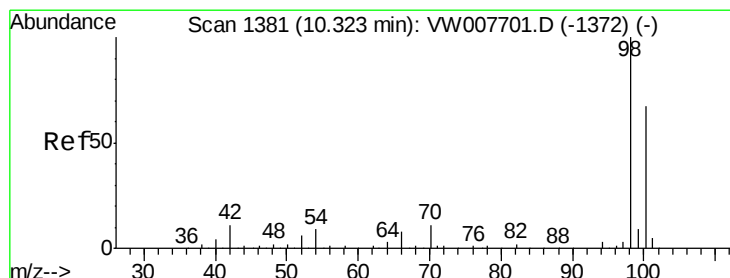
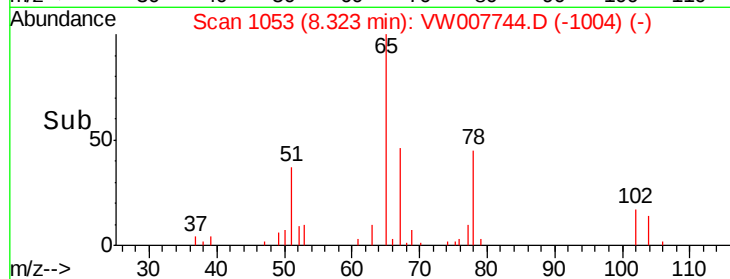
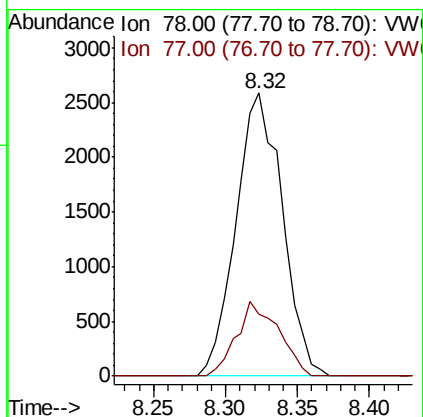
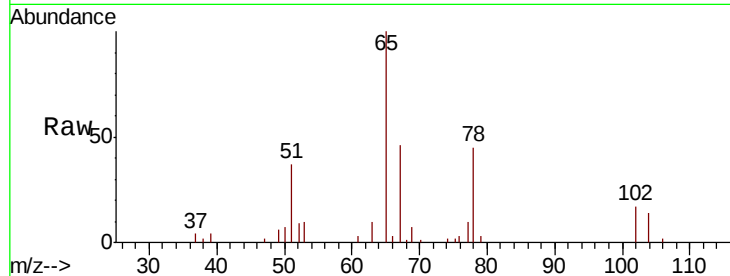
P001-SD006-0006-02

Tot Ion: 78 Resp: 5771

Ion Ratio Lower Upper

78 100

77 21.8 18.7 28.1



#50

Toluene-d8

Concen: 33.524 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007744.D

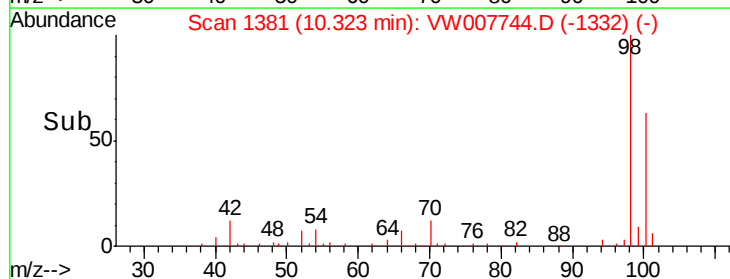
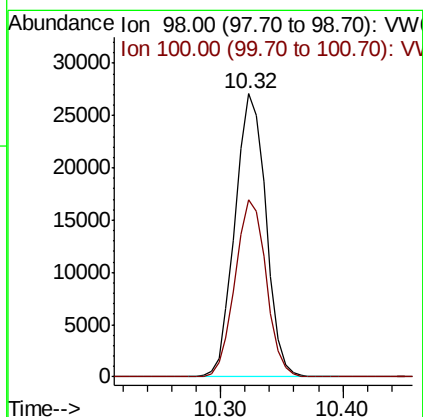
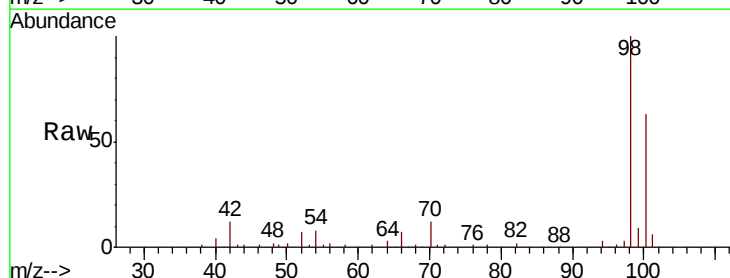
Acq: 20 Dec 2018 12:51

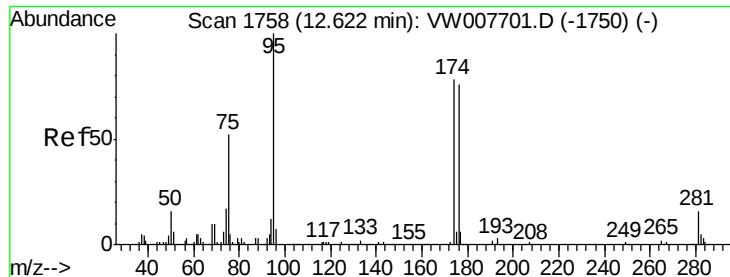
Tgt Ion: 98 Resp: 47471

Ion Ratio Lower Upper

98 100

100 62.7 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 16.324 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007744.D

Acq: 20 Dec 2018 12:51

Instrument :

MSVOA_W

ClientSampleId :

P001-SD006-0006-02

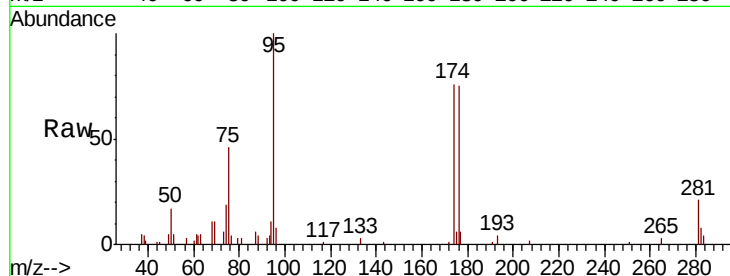
Tot Ion: 95 Resp: 8930

Ion Ratio Lower Upper

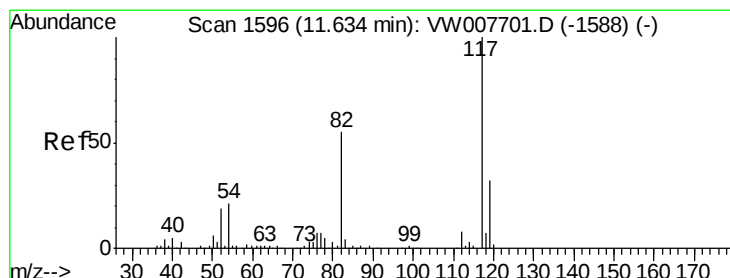
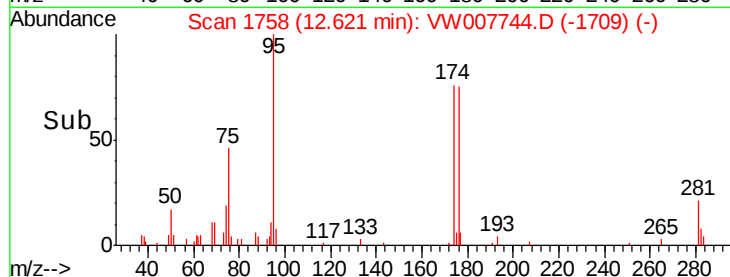
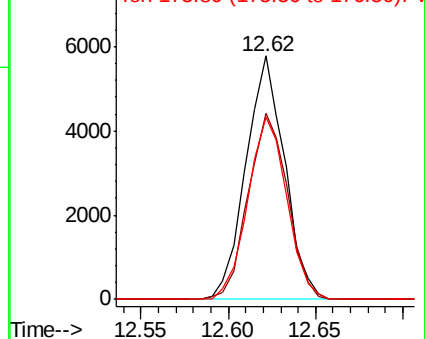
95 100

174 77.6 0.0 152.2

176 75.5 0.0 146.8



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# 1596

Delta R.T. -0.00 min

Lab File: VW007744.D

Acq: 20 Dec 2018 12:51

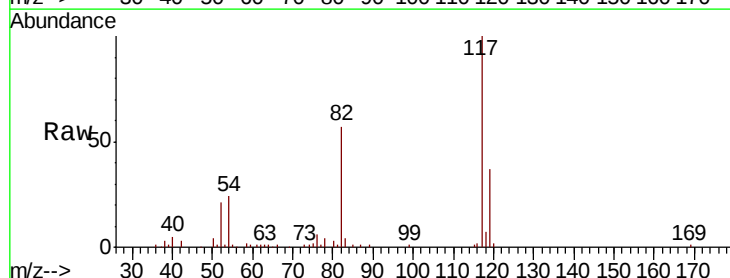
Tgt Ion: 117 Resp: 32278

Ion Ratio Lower Upper

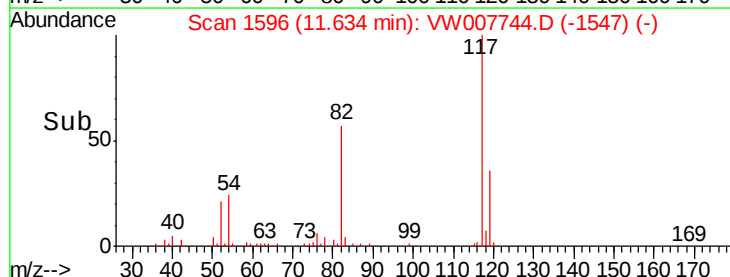
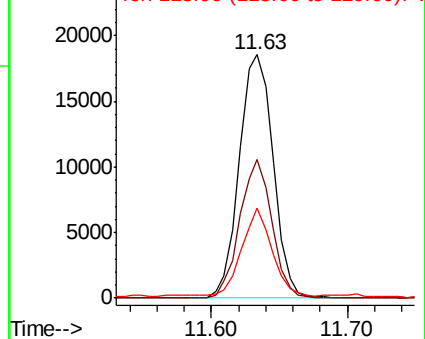
117 100

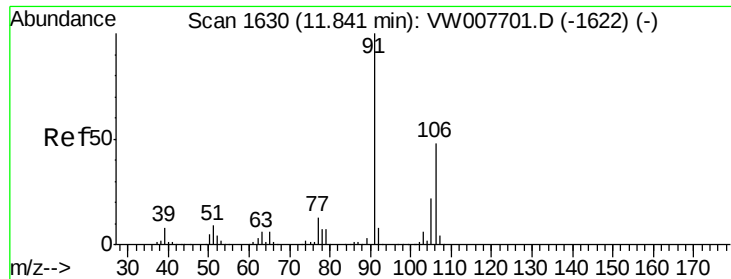
82 56.7 44.3 66.5

119 35.7 25.7 38.5



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

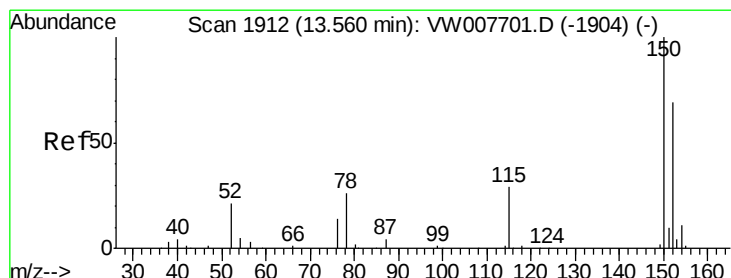
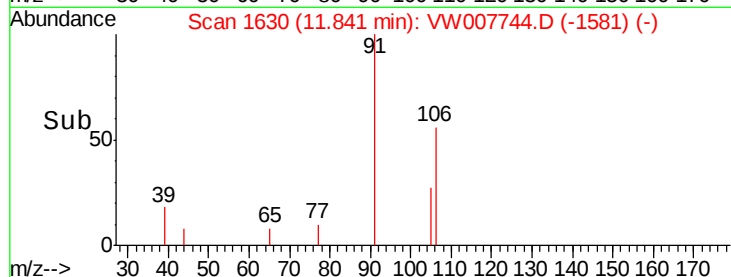
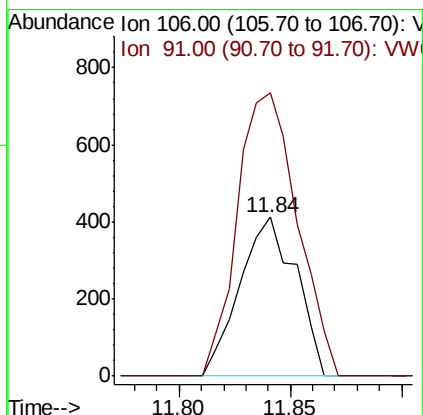
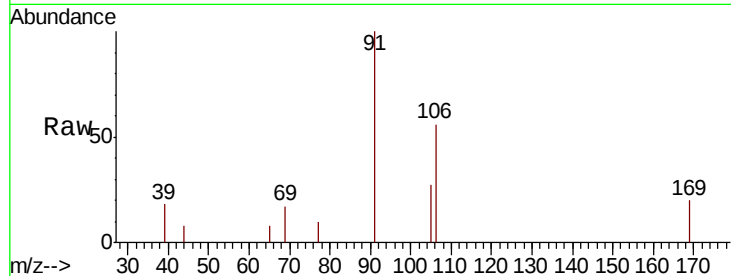




#68
m/p-Xvlenes
Concen: 1.550 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007744.D
Acq: 20 Dec 2018 12:51

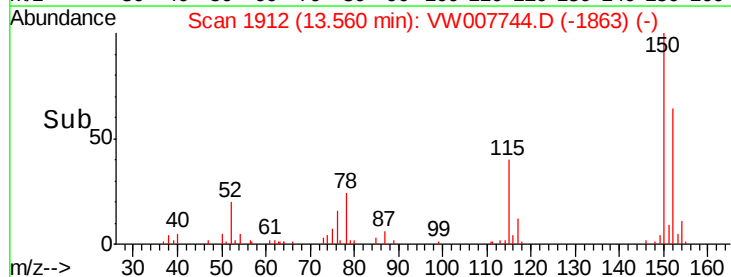
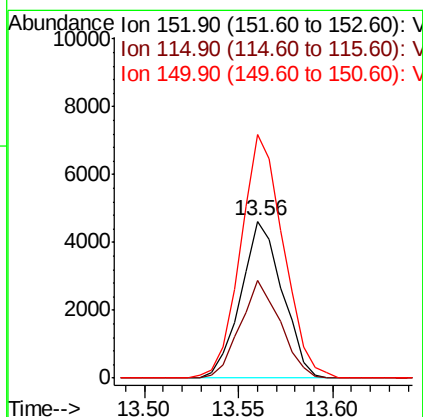
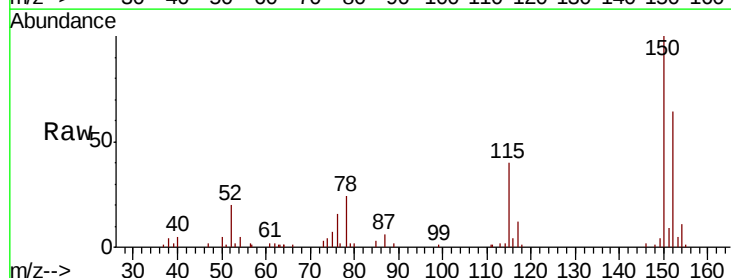
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P001-SD006-0006-02

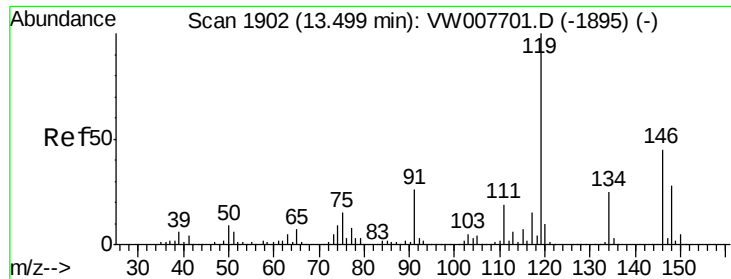
Tot Ion:106 Resp: 721
Ion Ratio Lower Upper
106 100
91 190.8 165.2 247.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007744.D
Acq: 20 Dec 2018 12:51

Tgt Ion:152 Resp: 7055
Ion Ratio Lower Upper
152 100
115 60.1 31.8 95.4
150 159.6 0.0 350.8





#87

1,3-Dichlorobenzene

Concen: 2.460 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW007744.D

Acq: 20 Dec 2018 12:51

Instrument :

MSVOA_W

ClientSampleId :

P001-SD006-0006-02

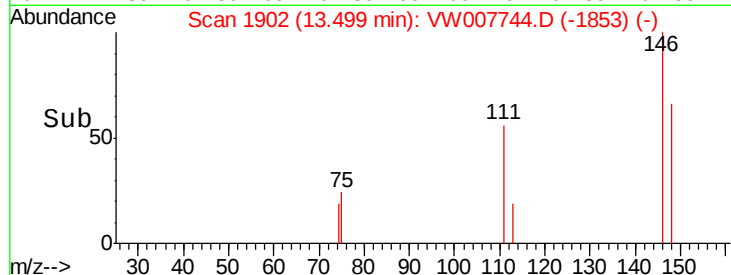
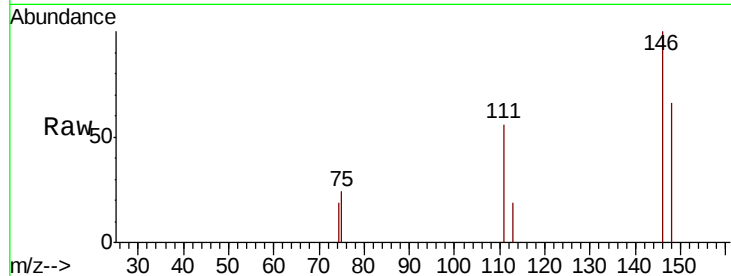
Tot Ion:146 Resp: 597

Ion Ratio Lower Upper

146 100

111 45.9 21.1 63.4

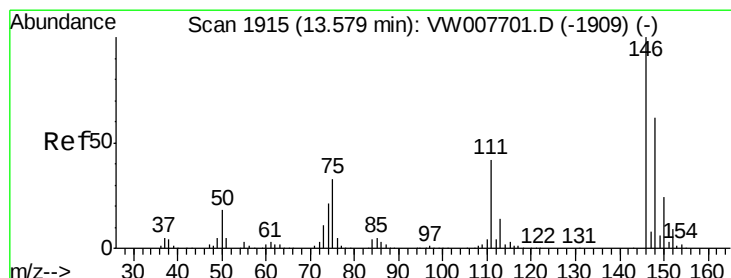
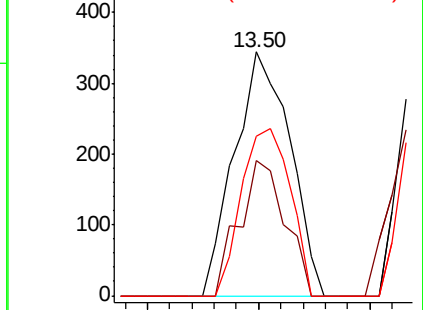
148 60.6 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 5.566 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW007744.D

Acq: 20 Dec 2018 12:51

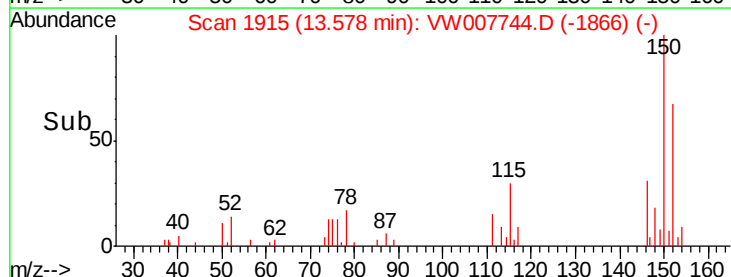
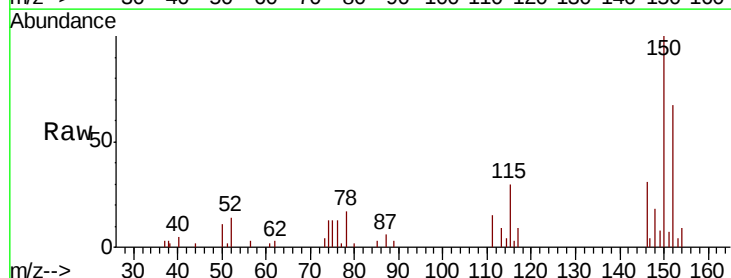
Tgt Ion:146 Resp: 1351

Ion Ratio Lower Upper

146 100

111 52.3 21.0 63.0

148 60.8 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

