

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102918\
 Data File : VW006435.D
 Acq On : 27 Oct 2018 06:34
 Operator : SY/AP
 Sample : J5636-03RE
 Misc : 4.98G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HP-GRID-CRE

Quant Time: Oct 27 07:04:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	204020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	270610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	142717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	31111	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	87440	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
35) Dibromofluoromethane	7.88	113	90163	56.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.78%	
50) Toluene-d8	10.33	98	244129	40.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.26%	
62) 4-Bromofluorobenzene	12.62	95	39908	17.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.94%	

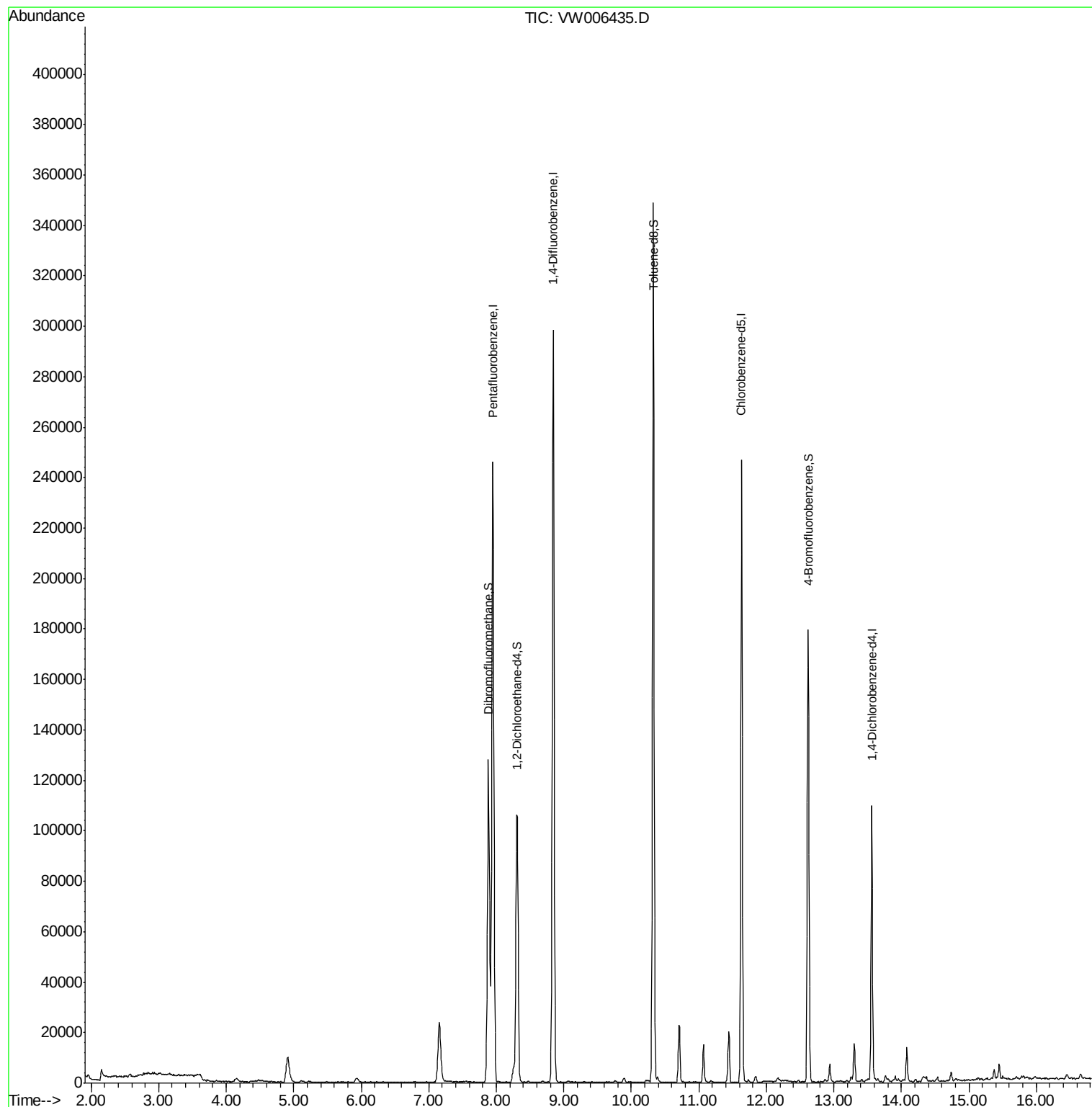
Target Compounds	Qvalue

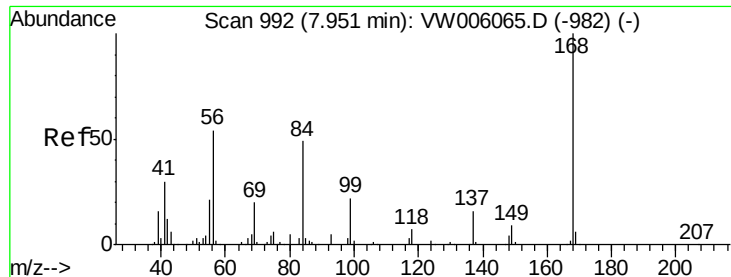
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006435.D

Acq: 27 Oct 2018 06:34

Instrument :

MSVOA_W

ClientSampleId :

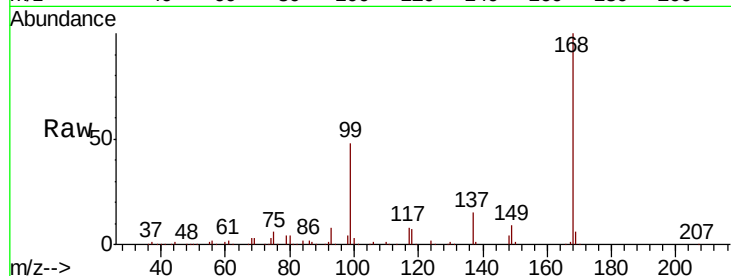
HP-GRID-CRE

Tot Ion:168 Resp: 204020

Ion Ratio Lower Upper

168 100

99 48.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

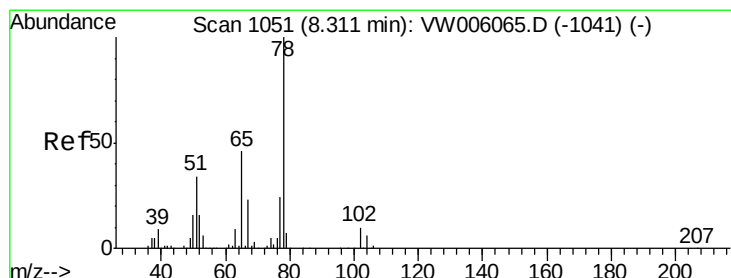
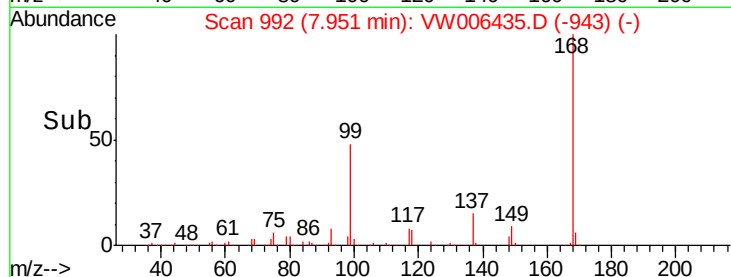
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.696 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006435.D

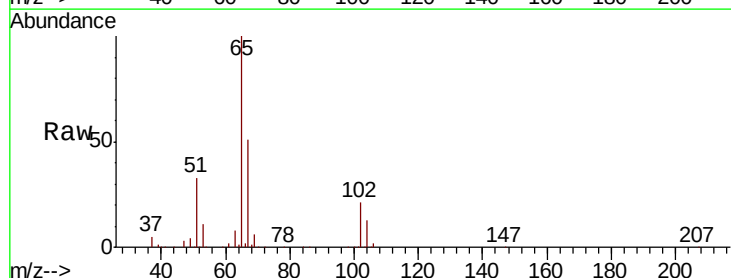
Acq: 27 Oct 2018 06:34

Tgt Ion: 65 Resp: 87440

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

40000

30000

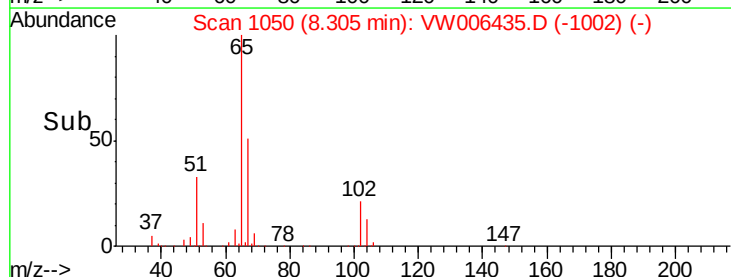
20000

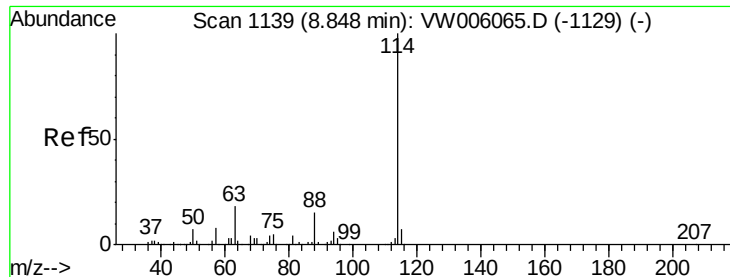
10000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006435.D

Acq: 27 Oct 2018 06:34

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-CRE

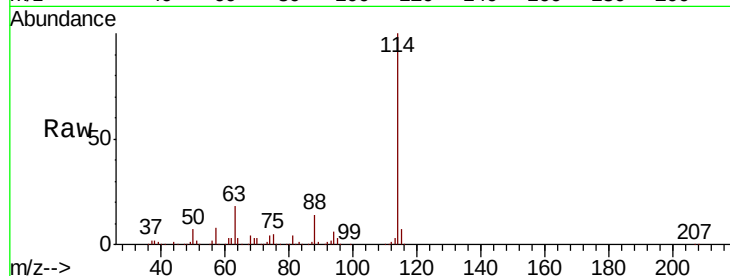
Tot Ion:114 Resp: 270610

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

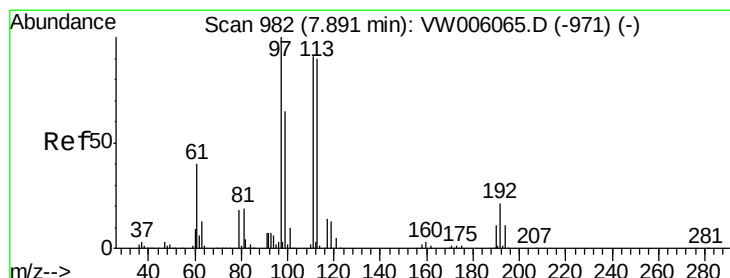
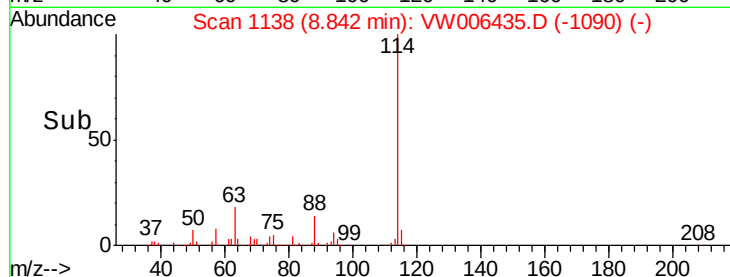
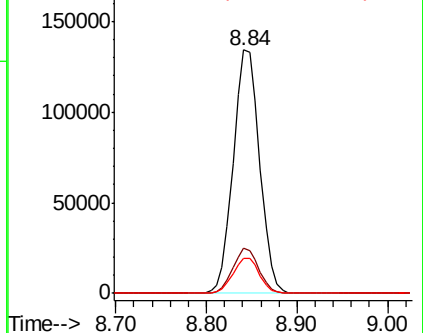
88 14.2 0.0 29.0



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: 56.386 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006435.D

Acq: 27 Oct 2018 06:34

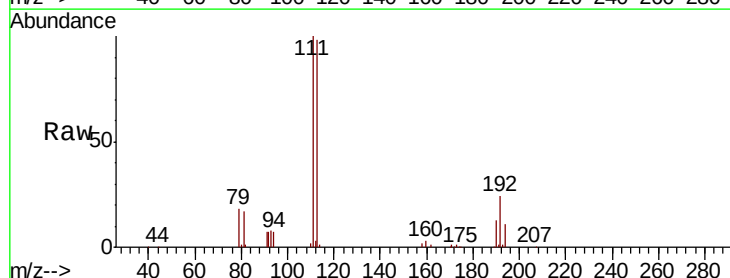
Tgt Ion:113 Resp: 90163

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

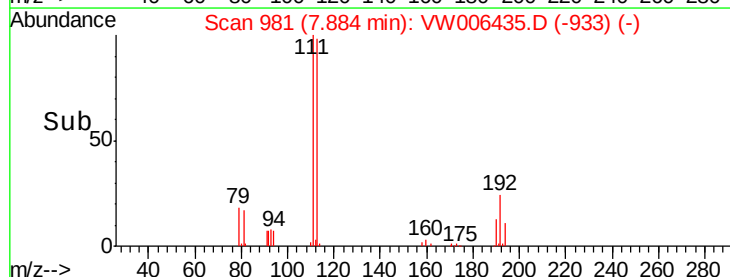
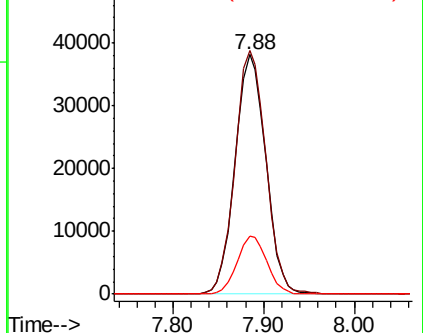
192 23.5 18.7 28.1

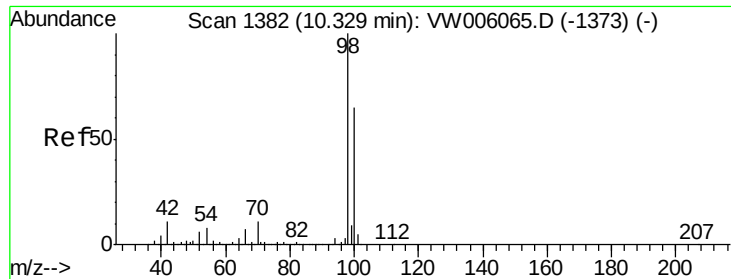


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 40.130 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006435.D

Acq: 27 Oct 2018 06:34

Instrument :

MSVOA_W

ClientSampleId :

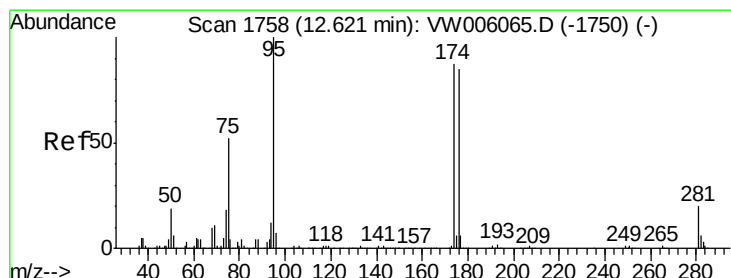
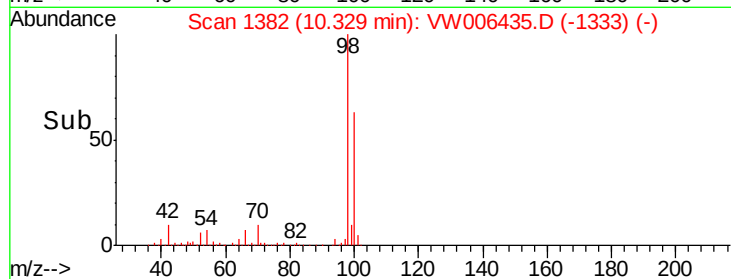
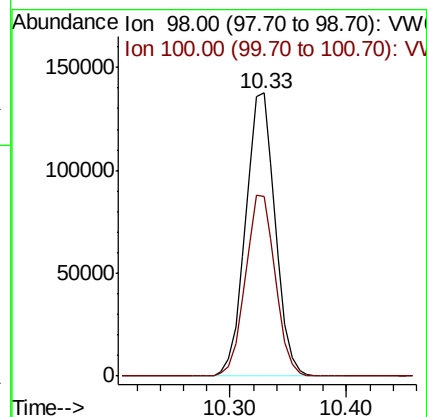
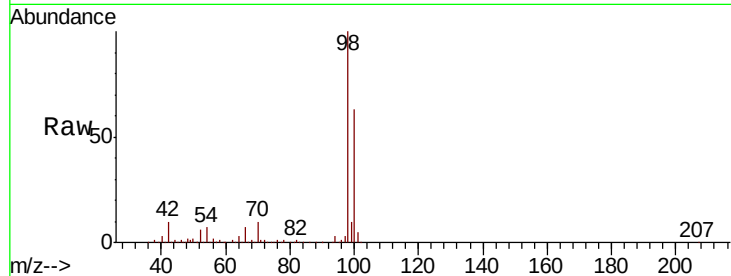
HP-GRID-CRE

Tot Ion: 98 Resp: 244129

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 17.466 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006435.D

Acq: 27 Oct 2018 06:34

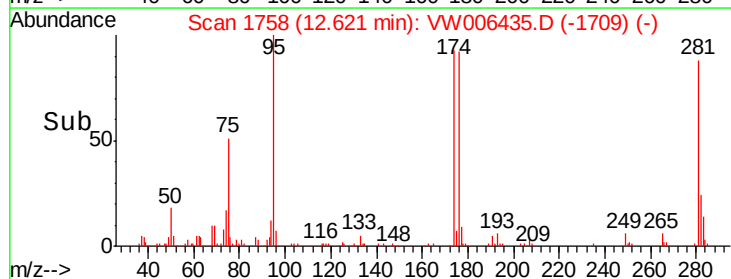
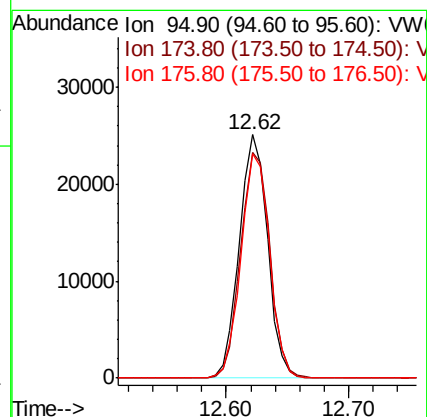
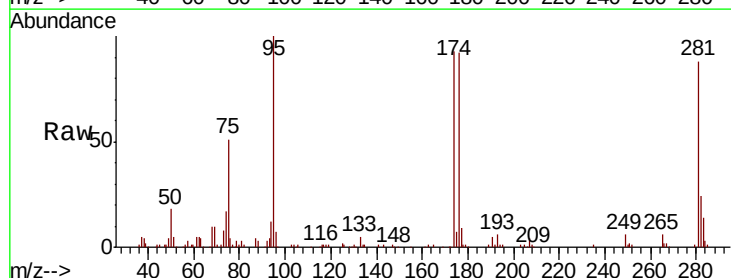
Tgt Ion: 95 Resp: 39908

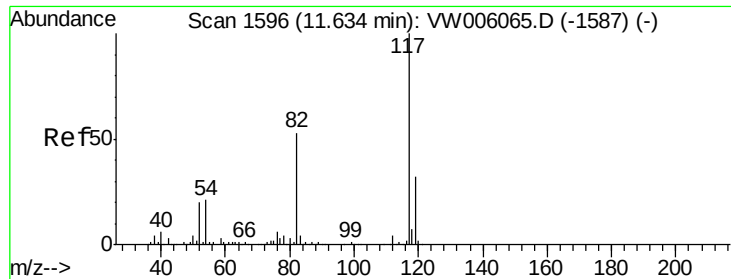
Ion Ratio Lower Upper

95 100

174 96.5 0.0 186.0

176 93.7 0.0 181.6

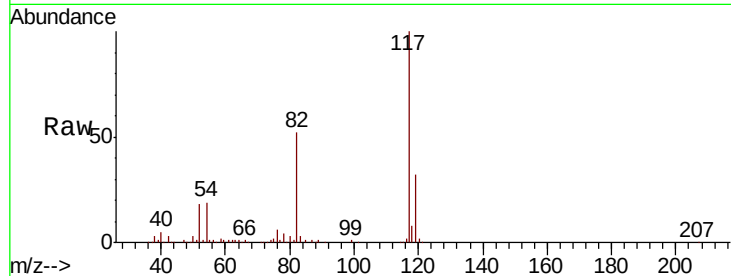




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006435.D
Acq: 27 Oct 2018 06:34

Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-CRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.1	63.1
119	32.0	25.8	38.6

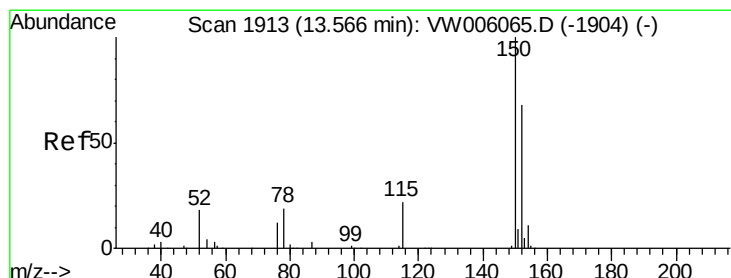
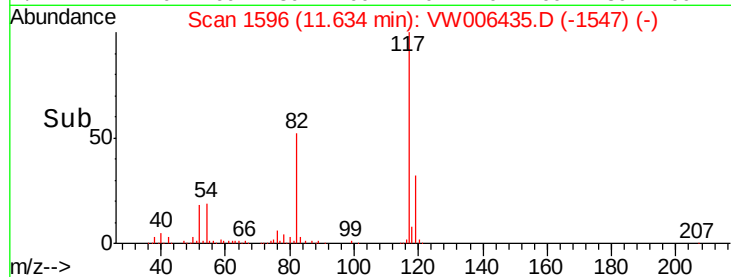
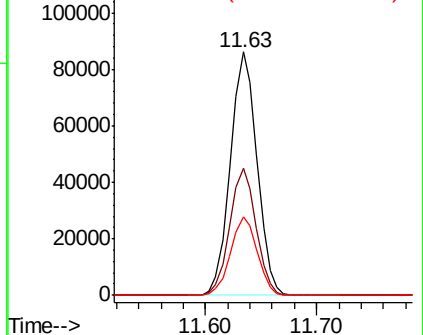


Abundance

Ion 116.90 (116.60 to 117.60): V

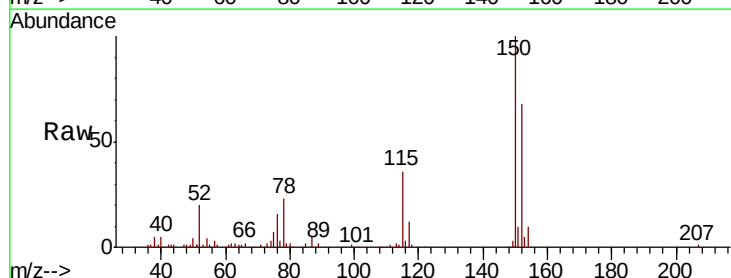
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006435.D
Acq: 27 Oct 2018 06:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.8	83.3
150	156.4	0.0	349.2



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

