

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006512.D
 Acq On : 30 Oct 2018 19:44
 Operator : SY/AP
 Sample : J5649-05
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-02C

Quant Time: Oct 31 04:07:29 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

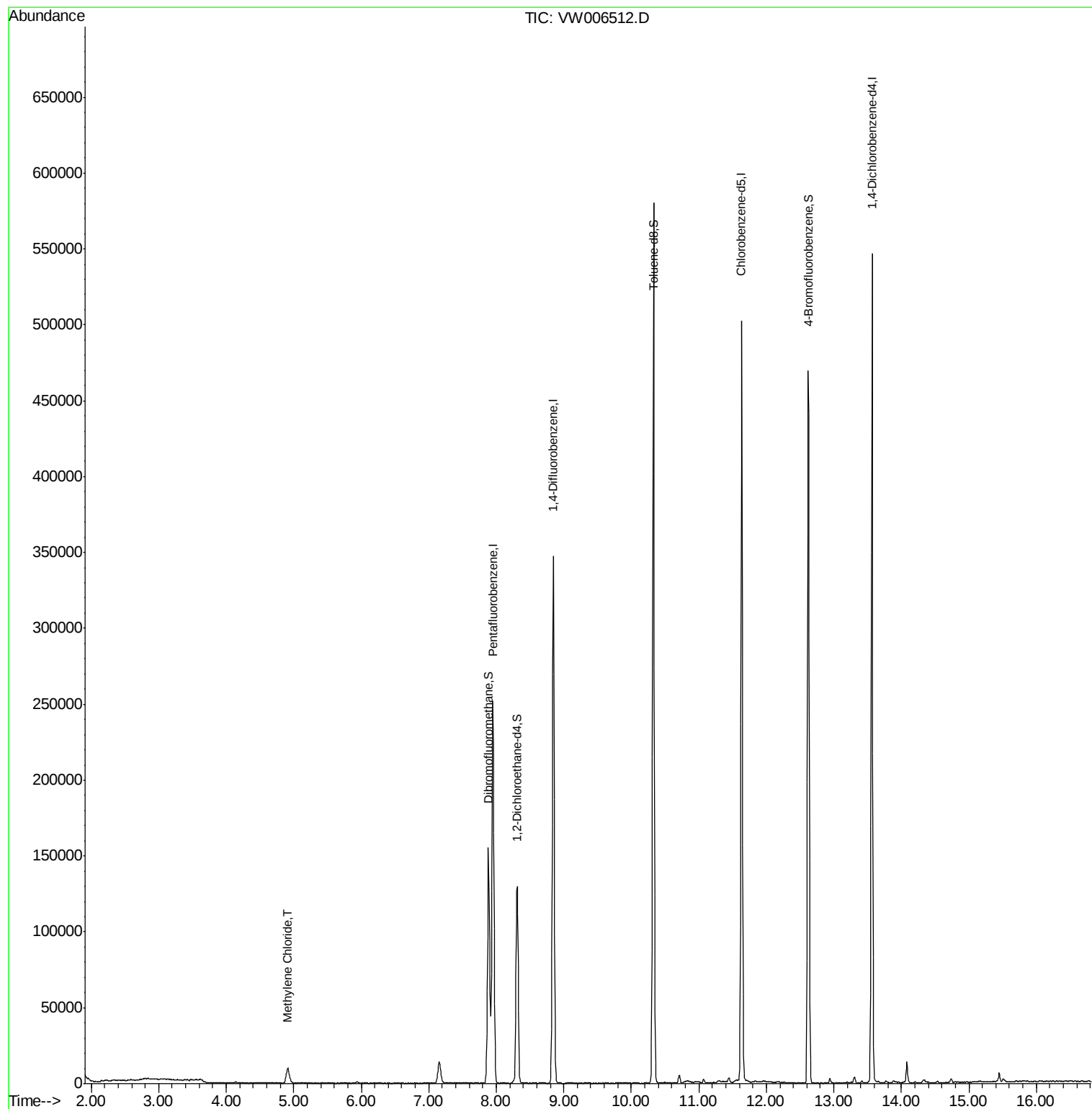
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	316359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153928	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	104633	61.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.38%	
35) Dibromofluoromethane	7.88	113	107375	57.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.88%	
50) Toluene-d8	10.33	98	400319	56.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.58%	
62) 4-Bromofluorobenzene	12.62	95	138338	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
Target Compounds						
20) Methylene Chloride	4.92	84	8765	3.325	ug/l	Qvalue 85

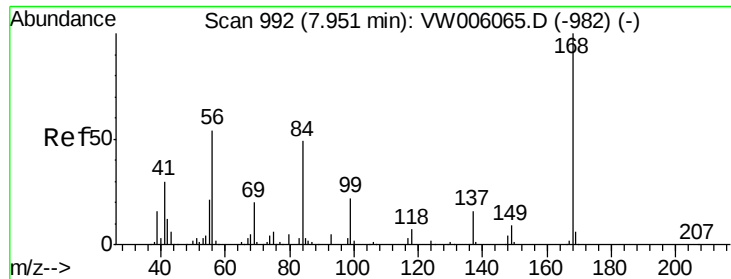
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW103118\
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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: VW006512.D

Acq: 30 Oct 2018 19:44

Instrument :

MSVOA_W

ClientSampleId :

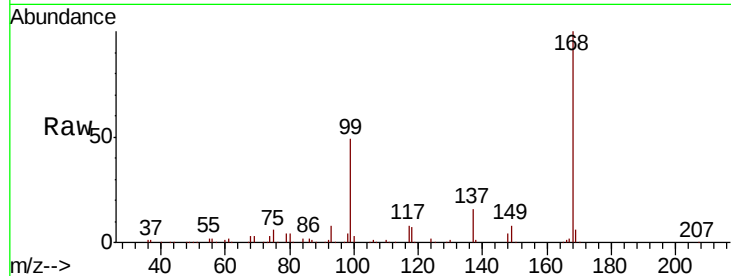
DL-02C

Tot Ion:168 Resp: 206240

Ion Ratio Lower Upper

168 100

99 48.8 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

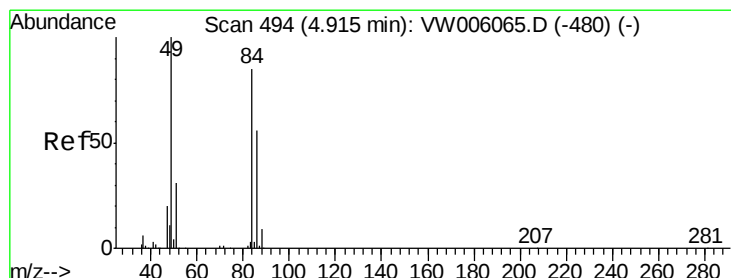
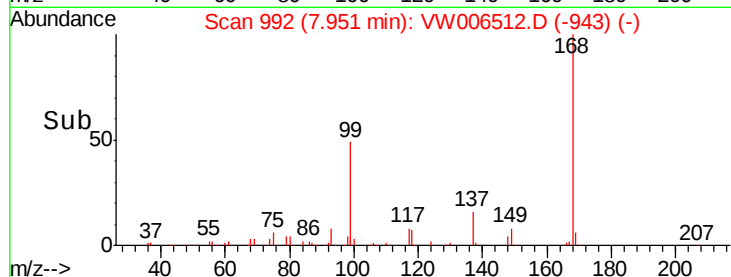
40000

20000

0

Time-->

7.90 8.00 8.10



#20

Methylene Chloride

Concen: 3.325 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006512.D

Acq: 30 Oct 2018 19:44

Tgt Ion: 84 Resp: 8765

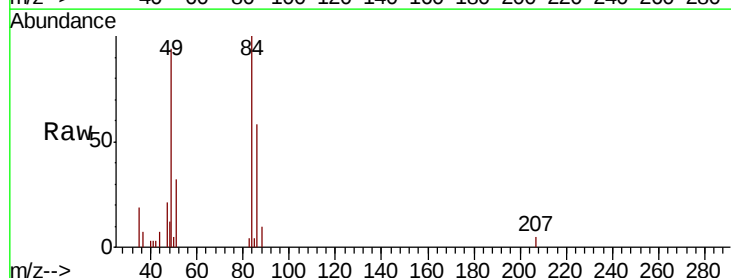
Ion Ratio Lower Upper

84 100

49 94.4 93.6 140.4

51 31.5 29.0 43.4

86 57.8 52.6 79.0



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

4000

3000

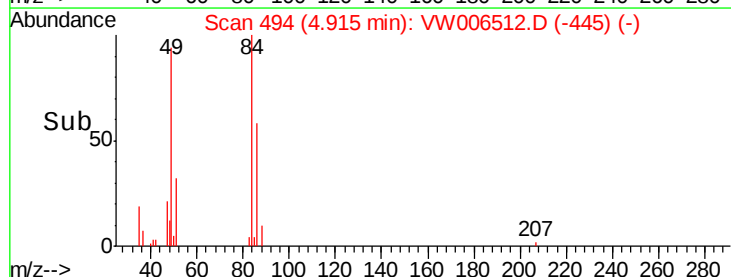
2000

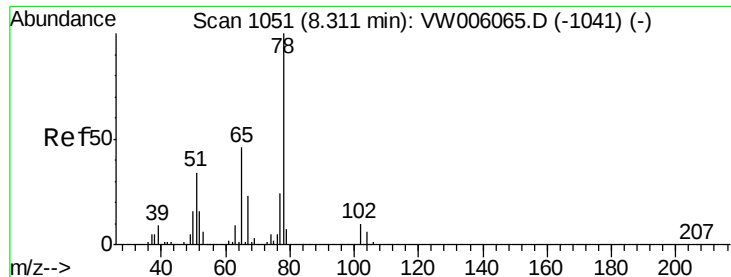
1000

0

Time-->

4.80 4.90 5.00

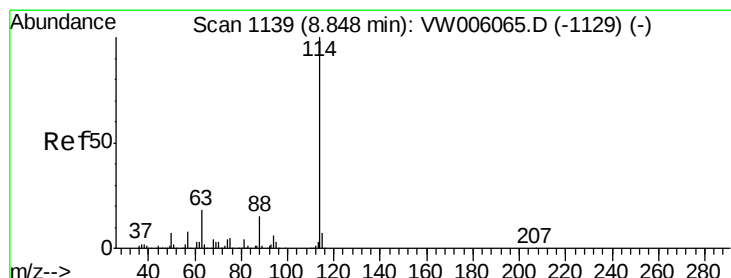
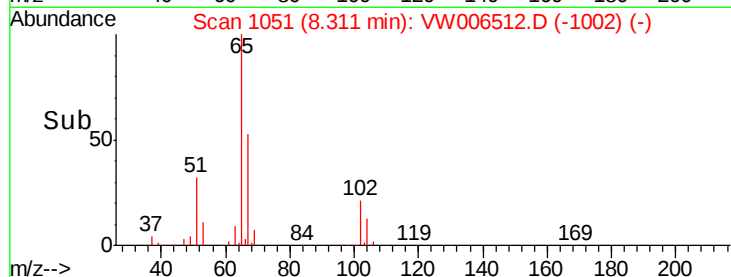
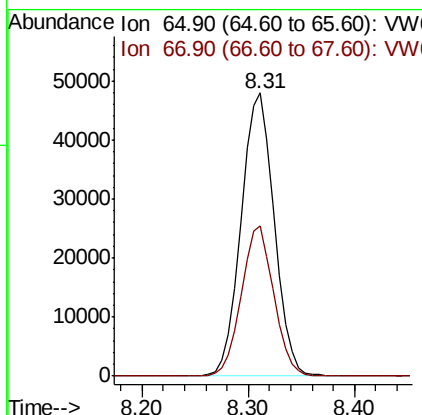
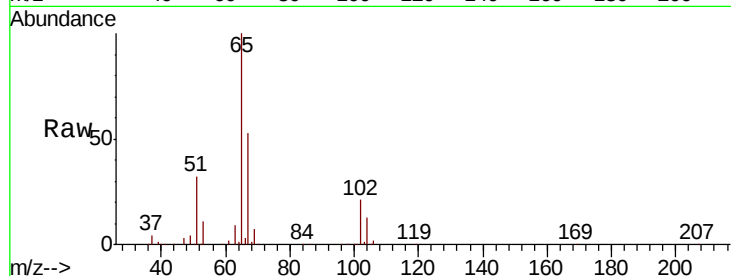




#33
 1,2-Dichloroethane-d4
 Concen: 61.195 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006512.D
 Acq: 30 Oct 2018 19:44

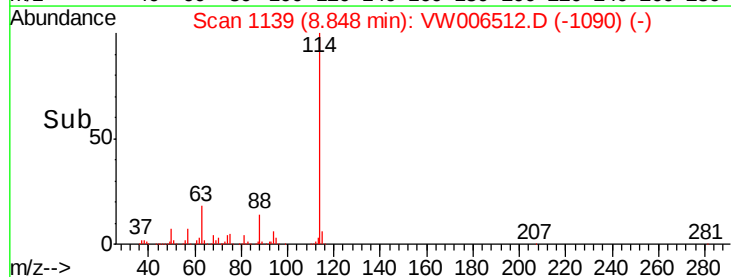
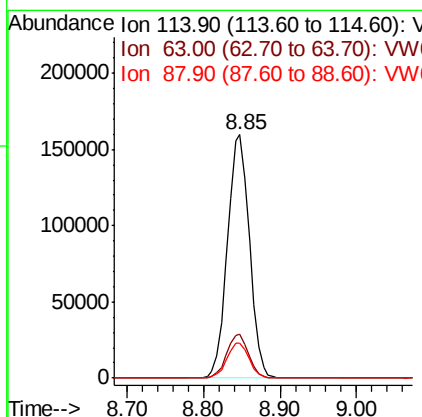
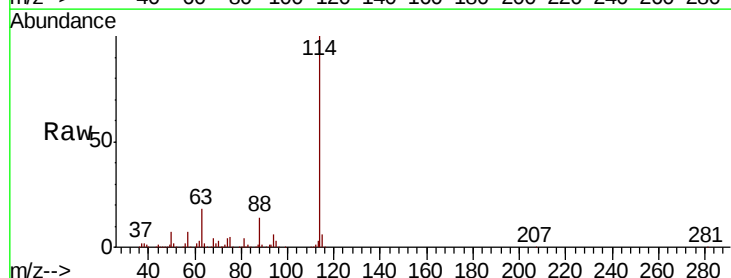
Instrument :
 MSVOA_W
 ClientSampled :
 DL-02C

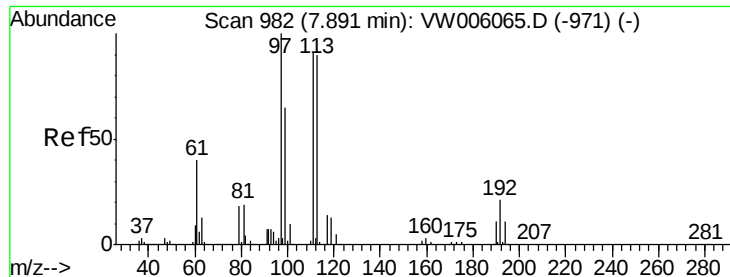
Tot Ion: 65 Resp: 104633
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006512.D
 Acq: 30 Oct 2018 19:44

Tgt Ion: 114 Resp: 316359
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.8
 88 14.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 57.440 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006512.D

Acq: 30 Oct 2018 19:44

Instrument :

MSVOA_W

ClientSampleId :

DL-02C

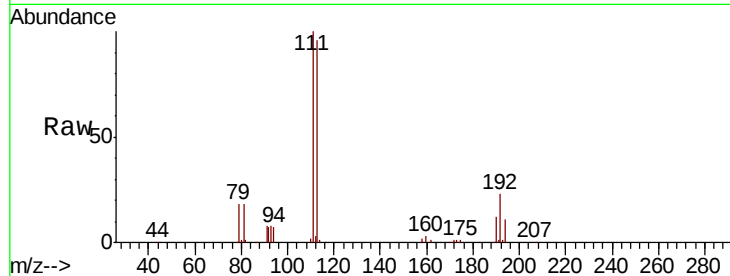
Tot Ion:113 Resp: 107375

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

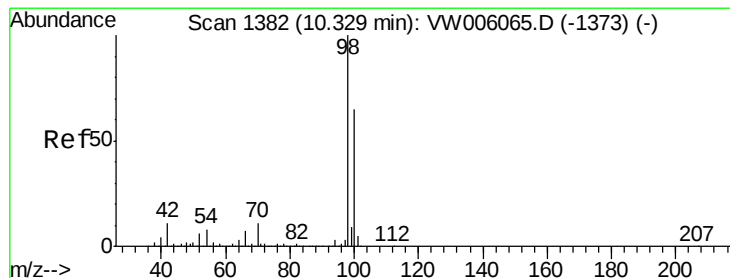
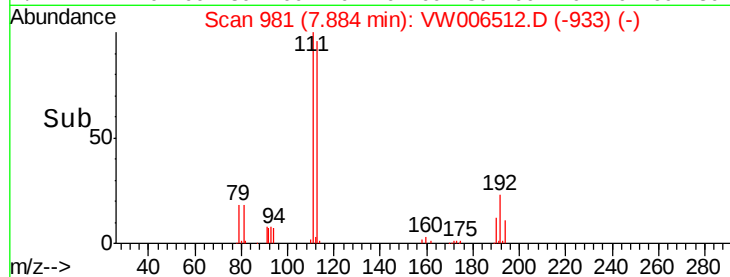
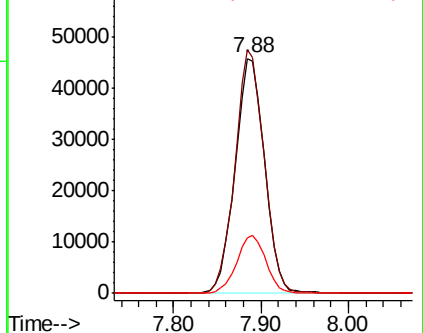
192 24.1 18.7 28.1



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: 56.288 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006512.D

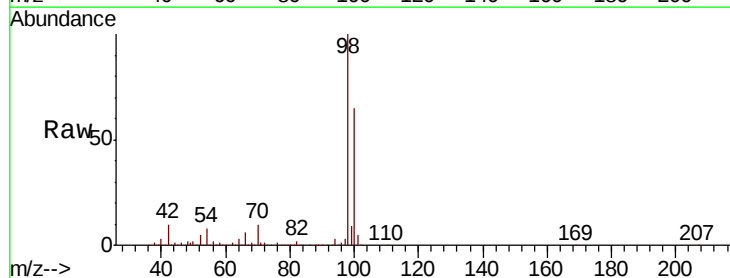
Acq: 30 Oct 2018 19:44

Tgt Ion: 98 Resp: 400319

Ion Ratio Lower Upper

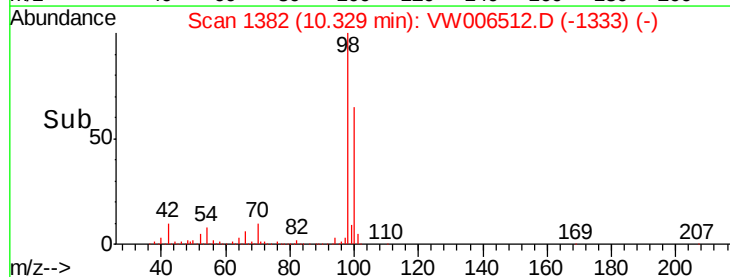
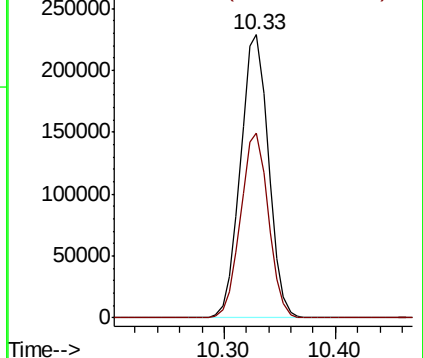
98 100

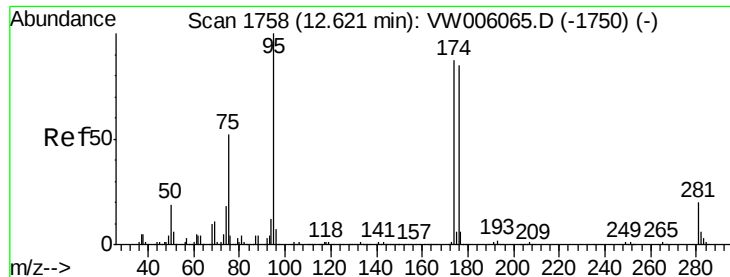
100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

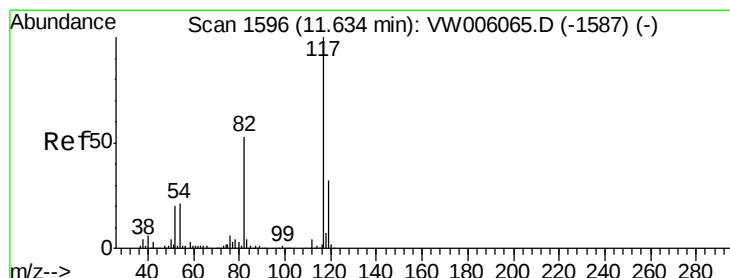
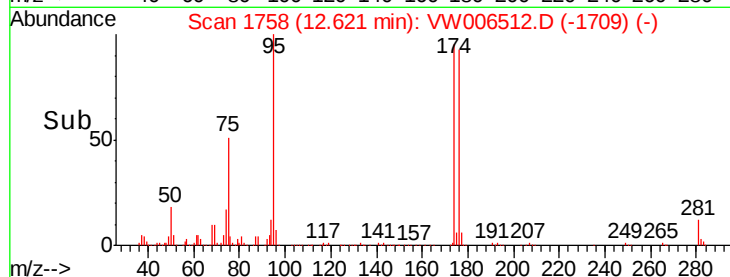
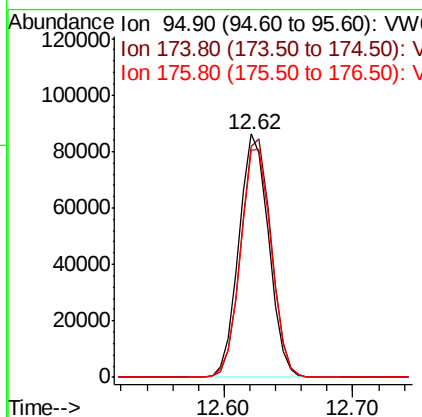
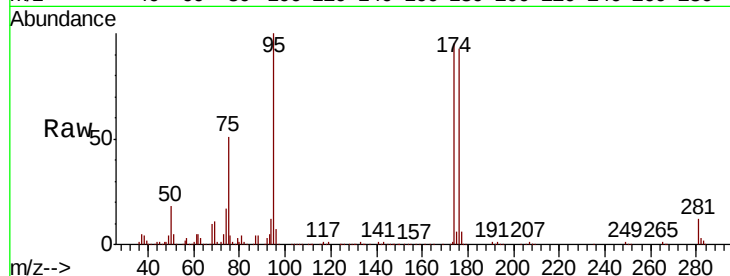




#62
4-Bromofluorobenzene
Concen: 51.789 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006512.D
Acq: 30 Oct 2018 19:44

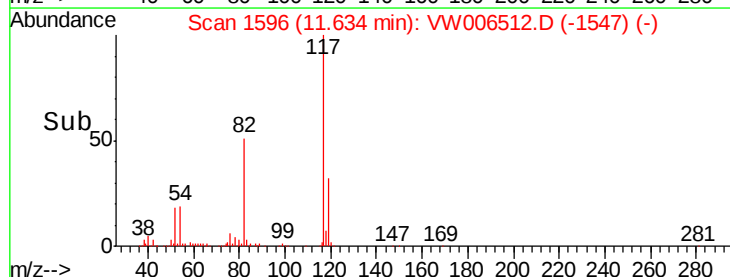
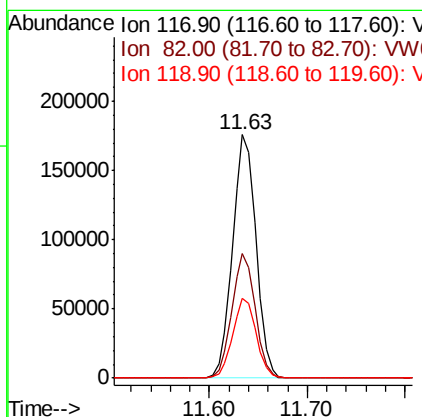
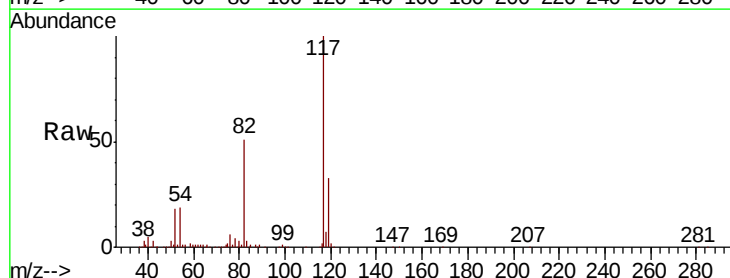
Instrument :
MSVOA_W
ClientSampleId :
DL-02C

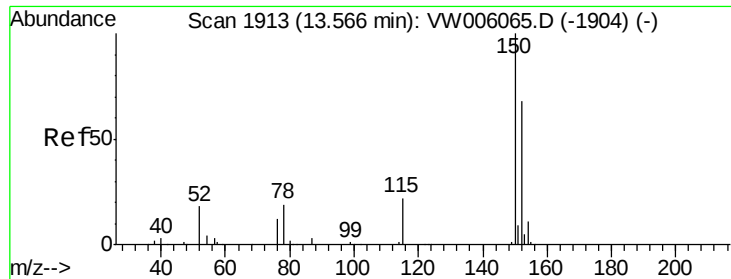
Tot Ion	Ratio	Lower	Upper
95	100		
174	98.8	0.0	186.0
176	96.1	0.0	181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006512.D
Acq: 30 Oct 2018 19:44

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.1	42.1	63.1
119	32.4	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006512.D

Acq: 30 Oct 2018 19:44

Instrument :

MSVOA_W

ClientSampleId :

DL-02C

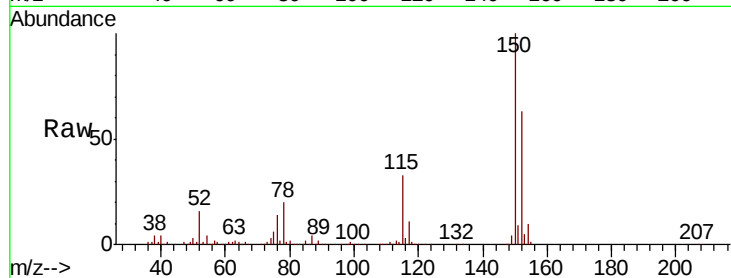
Tot Ion:152 Resp: 153928

Ion Ratio Lower Upper

152 100

115 53.6 27.8 83.3

150 157.1 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

