

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101118\
 Data File : VW006019.D
 Acq On : 11 Oct 2018 06:19
 Operator : SY/AP
 Sample : J5373-03
 Misc : 4.84G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT1499-3783-RT3026RE

Quant Time: Oct 11 07:08:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

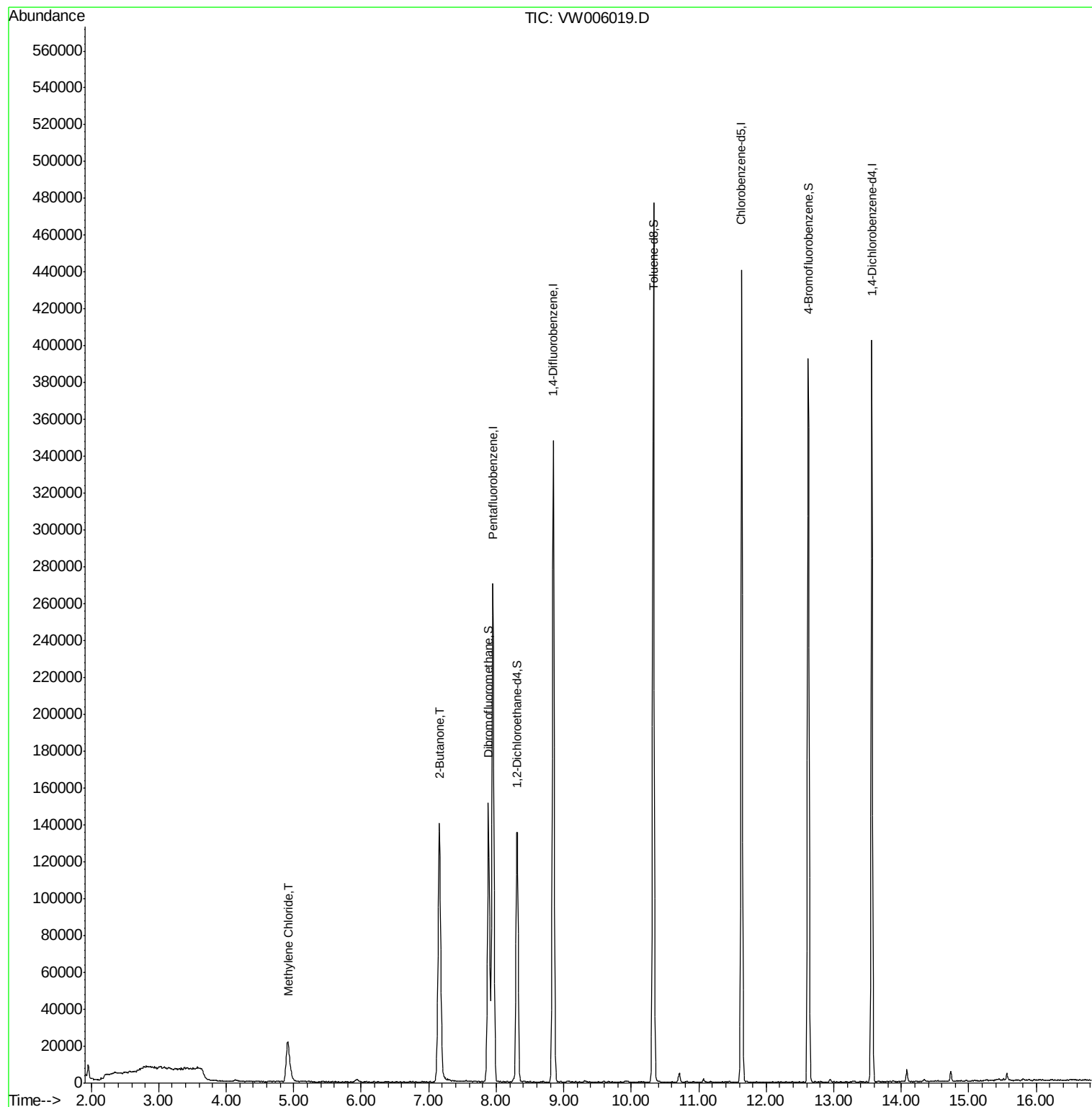
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	312915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	250418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	111329	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	107370	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
35) Dibromofluoromethane	7.88	113	106413	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.52%	
50) Toluene-d8	10.33	98	327121	42.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.12%	
62) 4-Bromofluorobenzene	12.62	95	117985	40.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.68%	
Target Compounds						
20) Methylene Chloride	4.92	84	21702	10.379	ug/l	94
25) 2-Butanone	7.15	43	7069	11.909	ug/l #	74

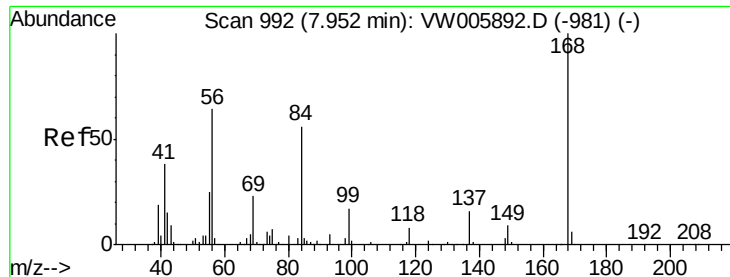
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 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: VW006019.D

Acq: 11 Oct 2018 06:19

Instrument :

MSVOA_W

ClientSampleId :

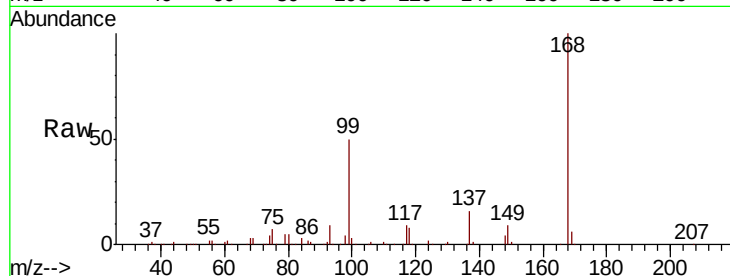
RT1499-3783-RT3026RE

Tot Ion:168 Resp: 215234

Ion Ratio Lower Upper

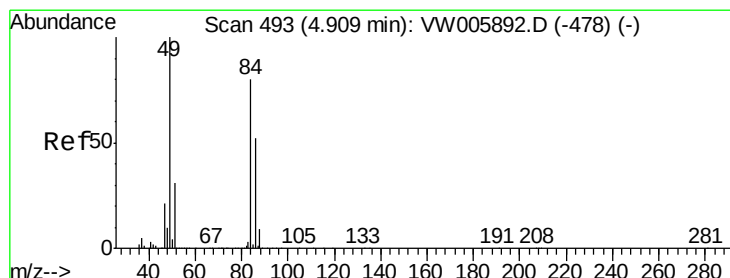
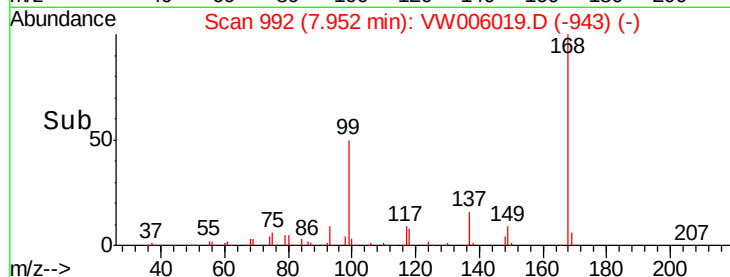
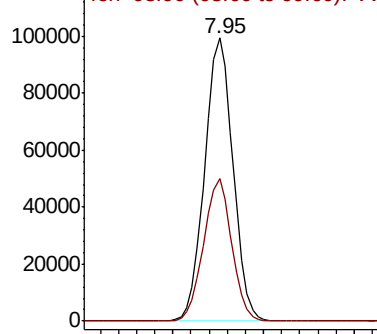
168 100

99 50.3 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 10.379 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW006019.D

Acq: 11 Oct 2018 06:19

Tgt Ion: 84 Resp: 21702

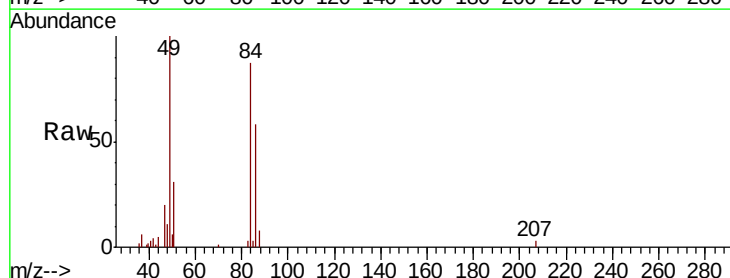
Ion Ratio Lower Upper

84 100

49 115.2 99.9 149.9

51 36.0 31.1 46.7

86 66.5 51.8 77.6

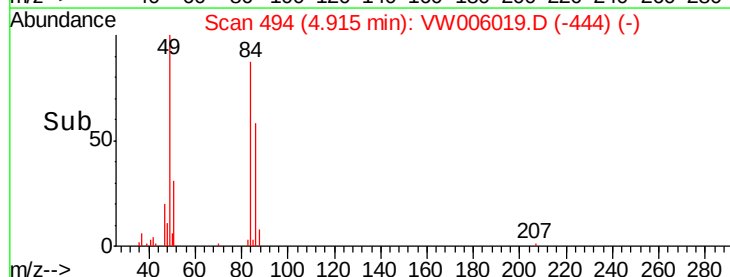
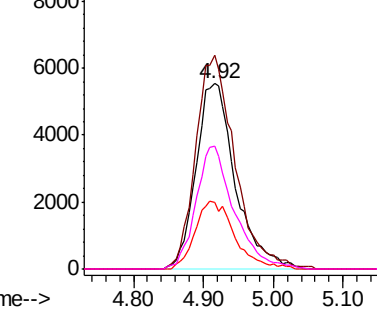


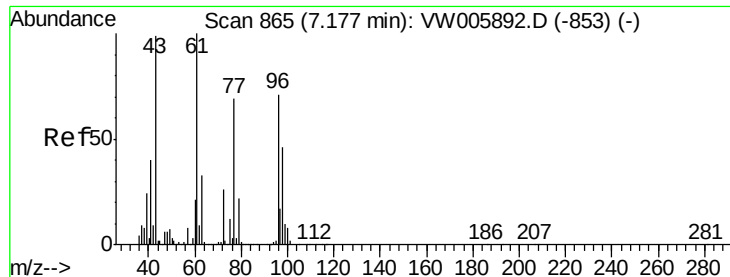
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#25

2-Butanone

Concen: 11.909 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW006019.D

Acq: 11 Oct 2018 06:19

Instrument :

MSVOA_W

ClientSampleId :

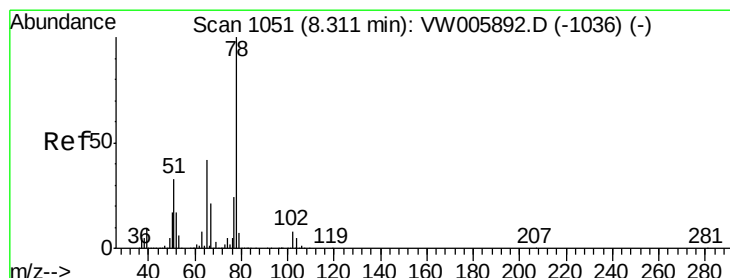
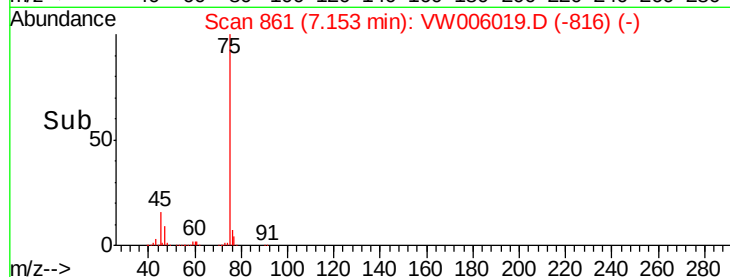
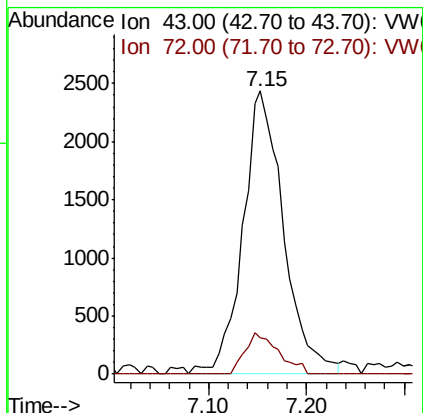
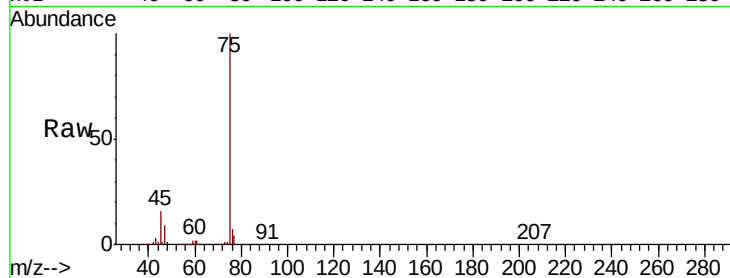
RT1499-3783-RT3026RE

Tot Ion: 43 Resp: 7069

Ion Ratio Lower Upper

43 100

72 13.0 21.0 31.4#



#33

1,2-Dichloroethane-d4

Concen: 51.387 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006019.D

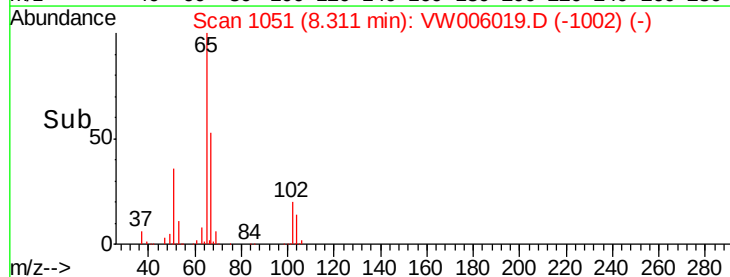
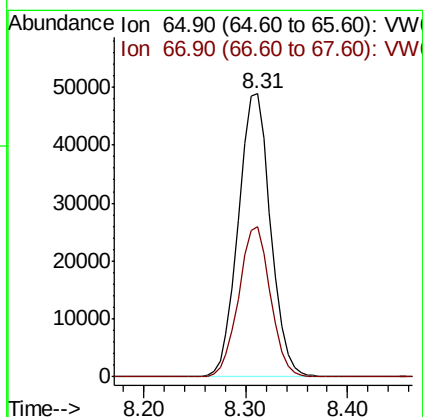
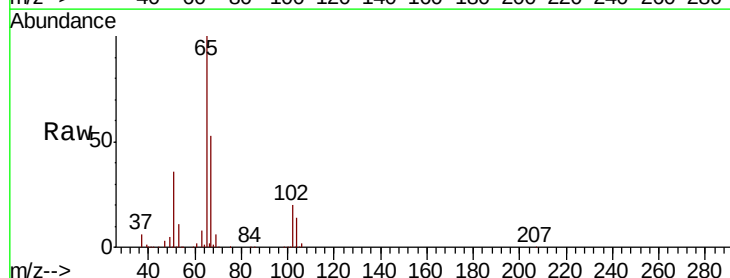
Acq: 11 Oct 2018 06:19

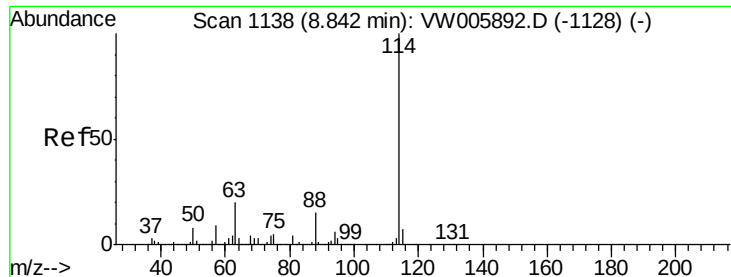
Tgt Ion: 65 Resp: 107370

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW006019.D

Acq: 11 Oct 2018 06:19

Instrument :

MSVOA_W

ClientSampleId :

RT1499-3783-RT3026RE

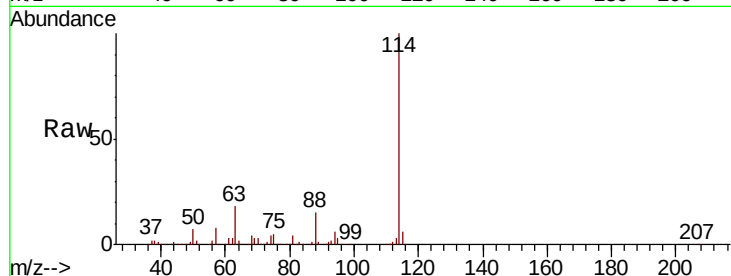
Tot Ion:114 Resp: 312915

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.2

88 14.8 0.0 30.8



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

200000

150000

100000

50000

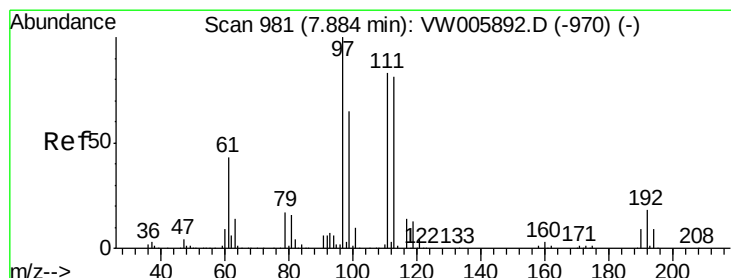
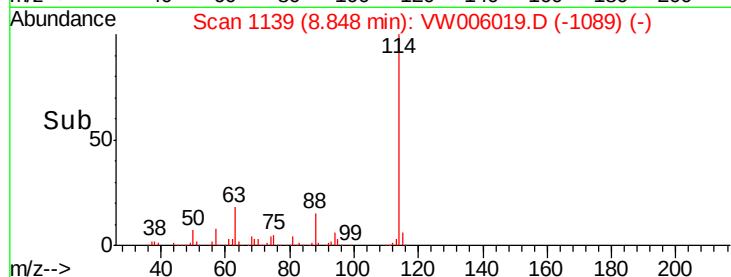
0

8.85

8.80

8.90

Time-->



#35

Dibromofluoromethane

Concen: 53.264 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW006019.D

Acq: 11 Oct 2018 06:19

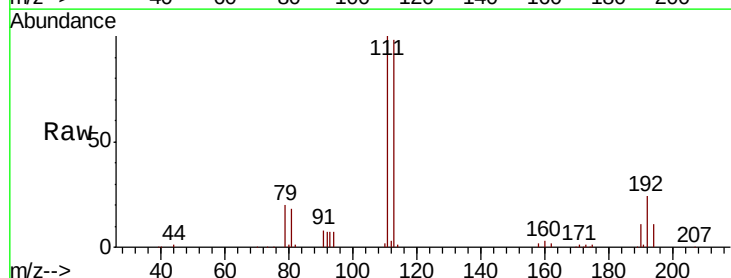
Tgt Ion:113 Resp: 106413

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

192 22.6 18.3 27.5



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

60000

50000

40000

30000

20000

10000

0

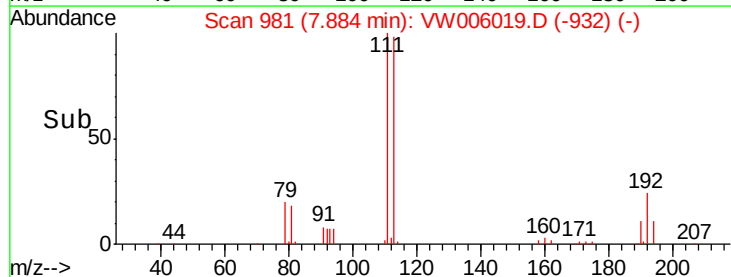
7.88

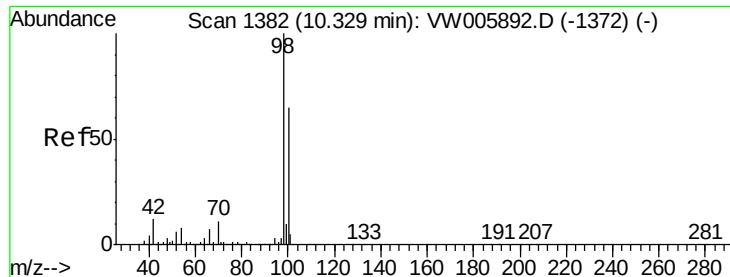
7.80

7.90

8.00

Time-->





#50

Toluene-d8

Concen: 42.558 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006019.D

Acq: 11 Oct 2018 06:19

Instrument :

MSVOA_W

ClientSampleId :

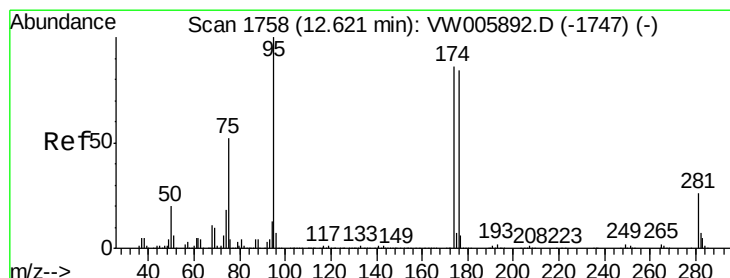
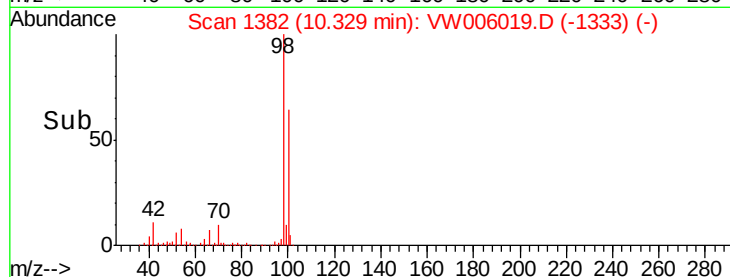
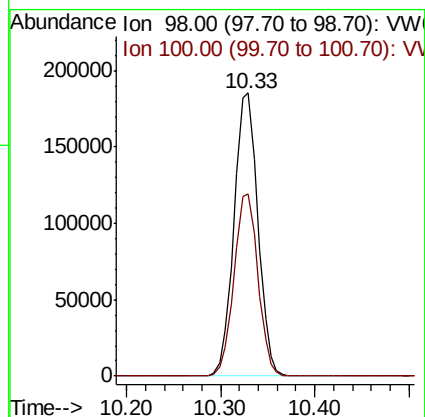
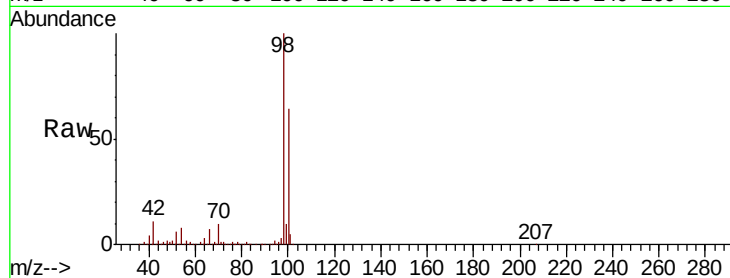
RT1499-3783-RT3026RE

Tot Ion: 98 Resp: 327121

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 40.345 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006019.D

Acq: 11 Oct 2018 06:19

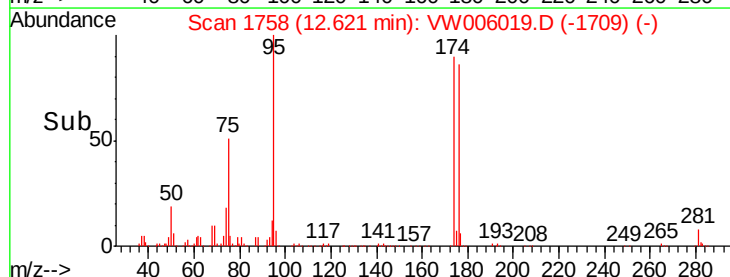
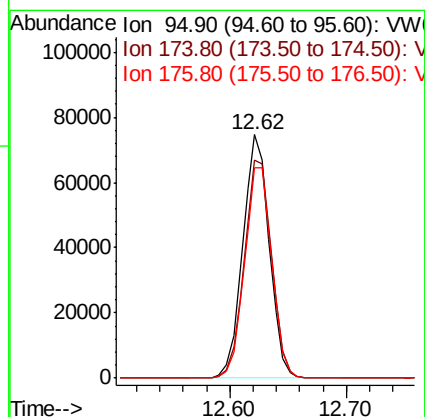
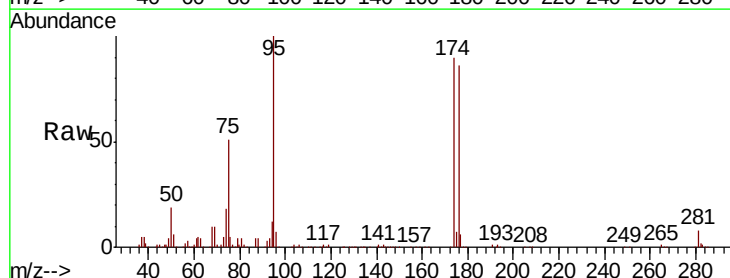
Tgt Ion: 95 Resp: 117985

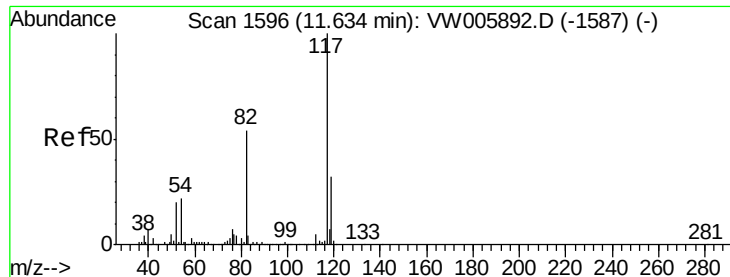
Ion Ratio Lower Upper

95 100

174 92.8 0.0 176.4

176 89.5 0.0 173.0

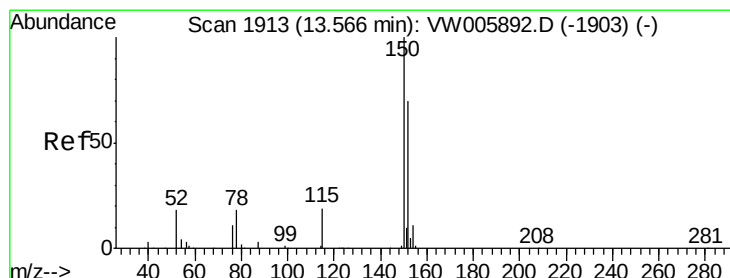
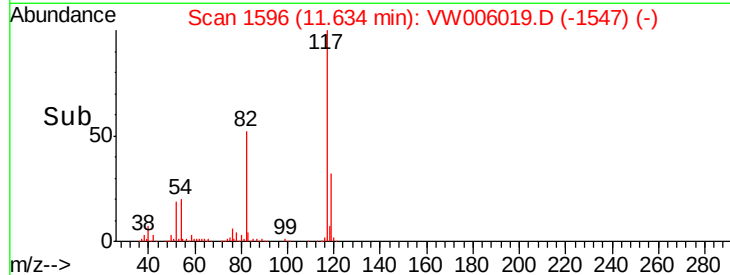
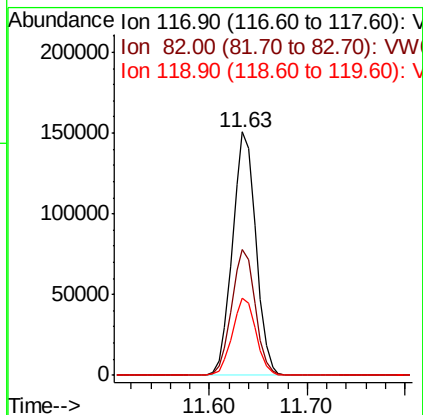
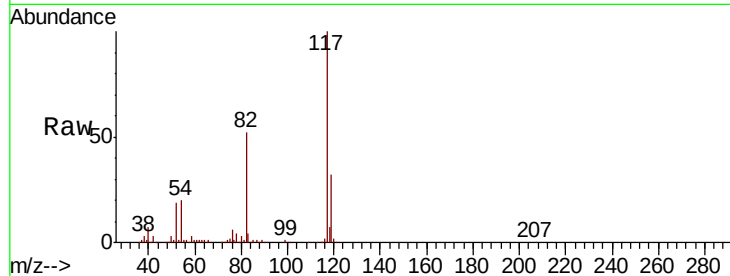




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006019.D
Acq: 11 Oct 2018 06:19

Instrument :
MSVOA_W
ClientSampleId :
RT1499-3783-RT3026RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	43.5	65.3
119	31.7	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006019.D
Acq: 11 Oct 2018 06:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.3	85.0
150	157.1	0.0	349.2

