

Data File : VW004844.D
Acq On : 21 Aug 2018 16:28
Operator : SY/AP
Sample : J4561-01
Misc : 4.53G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H-R-P-T-WC-1-GRAB-7

Quant Time: Aug 27 07:01:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration

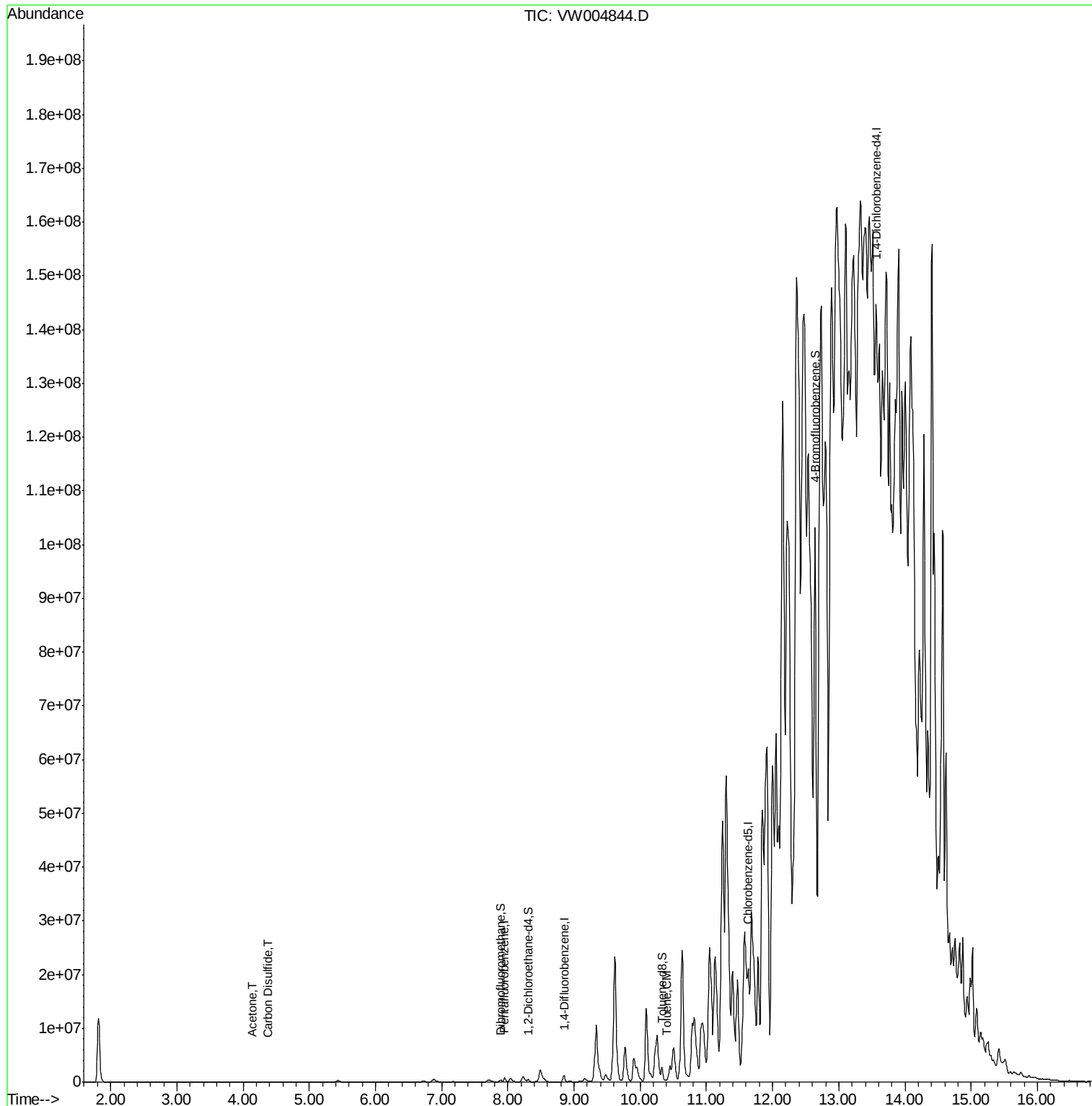
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	609650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	987276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	643490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	3575673	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	288006	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
35) Dibromofluoromethane	7.89	113	279768	44.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.68%	
50) Toluene-d8	10.33	98	990994	40.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.46%	
62) 4-Bromofluorobenzene	12.63	95	10989124m	1240.09	ug/l	0.01
Spiked Amount 50.000			Recovery	=	2480.18%	
Target Compounds						
16) Acetone	4.14	43	61639	40.967	ug/l	92
17) Carbon Disulfide	4.38	76	59606	2.887	ug/l	99
52) Toluene	10.39	92	25239	1.424	ug/l	90

(#) = 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# 1044

Delta R.T. -0.00 min

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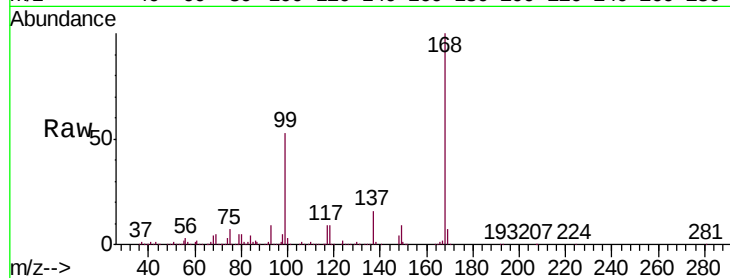
H-R-P-T-WC-1-GRAB-7

Tgt Ion:168 Resp: 609650

Ion Ratio Lower Upper

168 100

99 52.4 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

150000

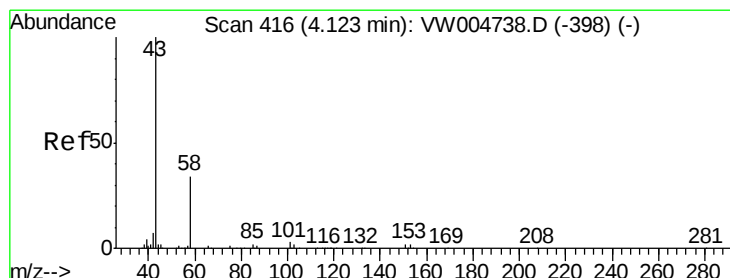
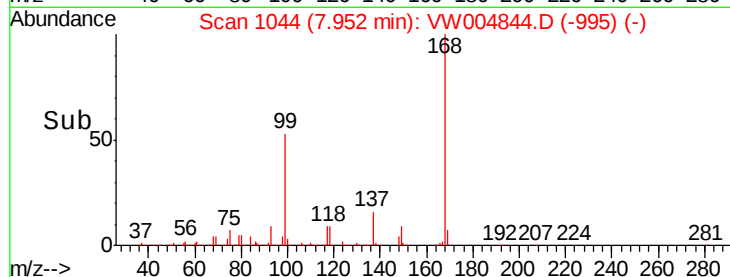
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#16

Acetone

Concen: 40.967 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004844.D

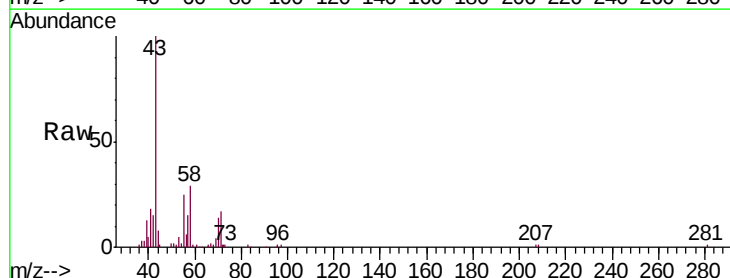
Acq: 21 Aug 2018 16:28

Tgt Ion: 43 Resp: 61639

Ion Ratio Lower Upper

43 100

58 29.6 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

15000

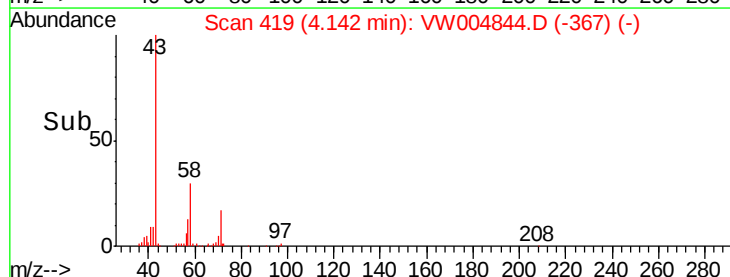
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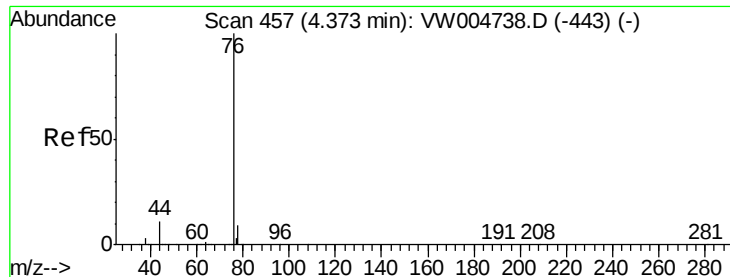
5000

0

Time-->

4.00 4.20

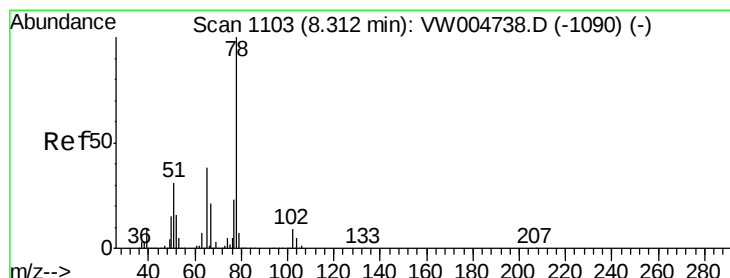
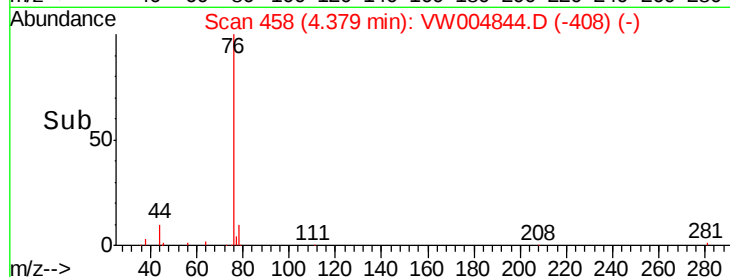
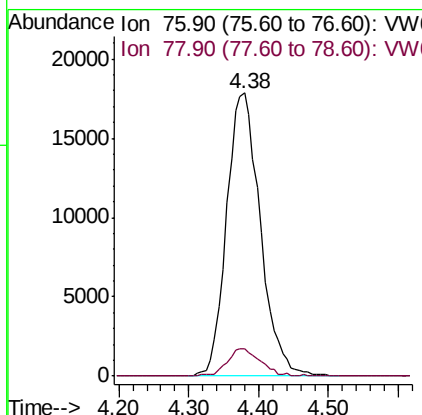
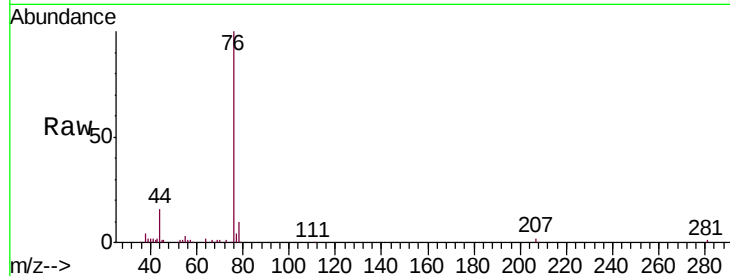




#17
Carbon Disulfide
Concen: 2.887 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.01 min
Lab File: VW004844.D
Acq: 21 Aug 2018 16:28

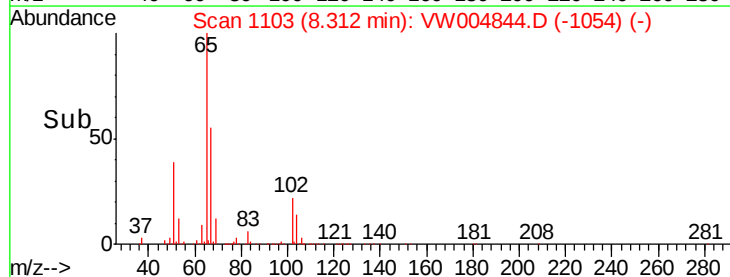
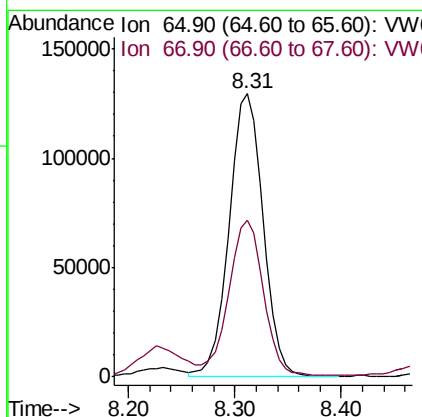
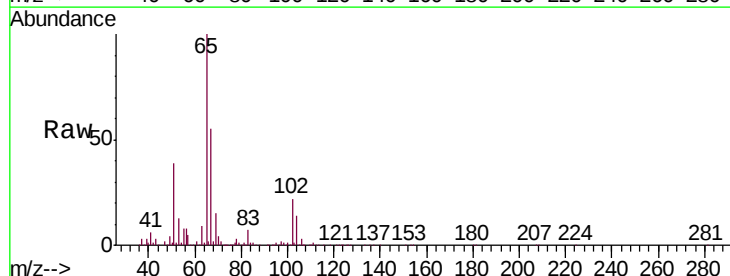
Instrument :
MSVOA_W
ClientSampleId :
H-R-P-T-WC-1-GRAB-7

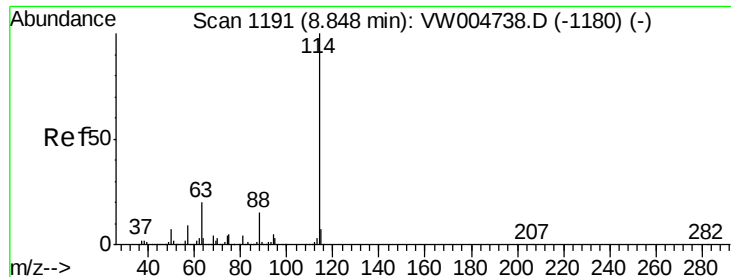
Tgt Ion: 76 Resp: 59606
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2



#33
1,2-Dichloroethane-d4
Concen: 48.863 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004844.D
Acq: 21 Aug 2018 16:28

Tgt Ion: 65 Resp: 288006
Ion Ratio Lower Upper
65 100
67 55.8 0.0 109.4

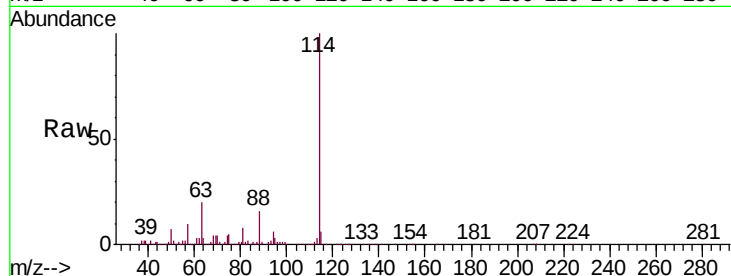




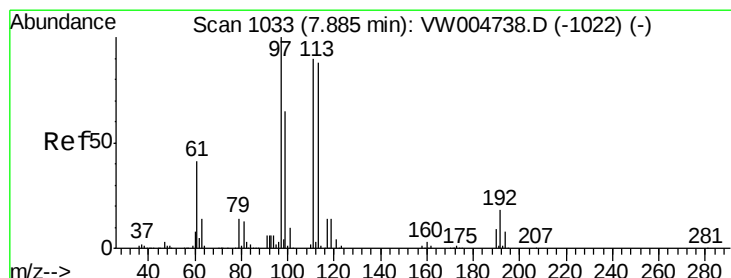
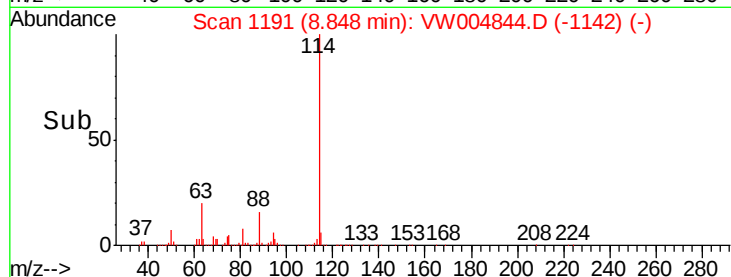
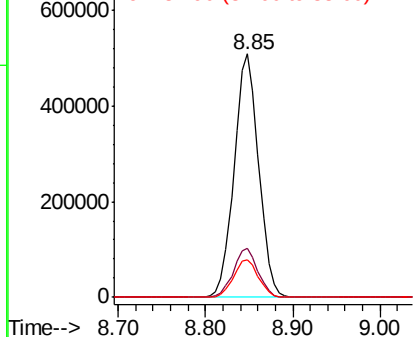
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004844.D
 Acq: 21 Aug 2018 16:28

Instrument :
 MSVOA_W
 ClientSampleId :
 H-R-P-T-WC-1-GRAB-7

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.0
88	15.5	0.0	30.0

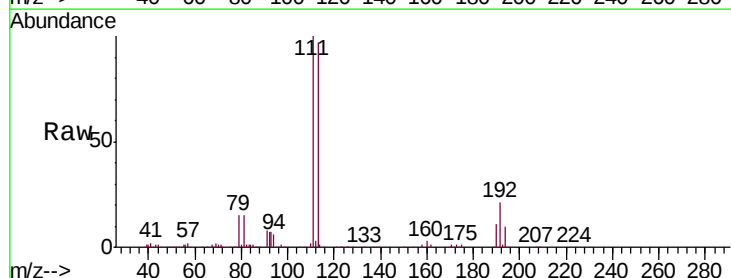


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

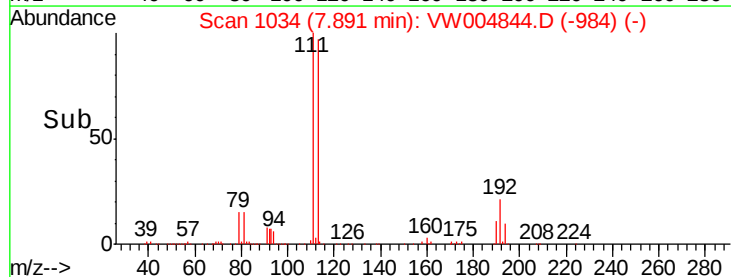
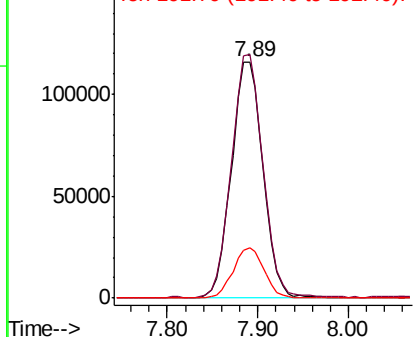


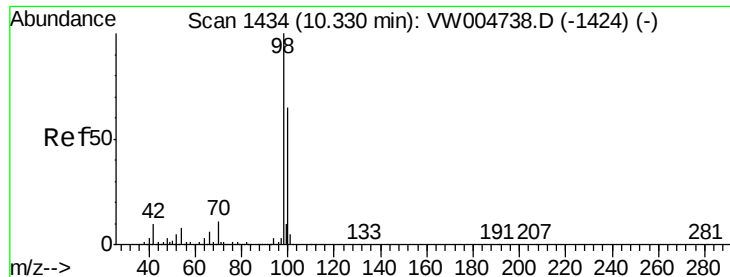
#35
 Dibromofluoromethane
 Concen: 44.337 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004844.D
 Acq: 21 Aug 2018 16:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	21.0	16.7	25.1



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: 40.232 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

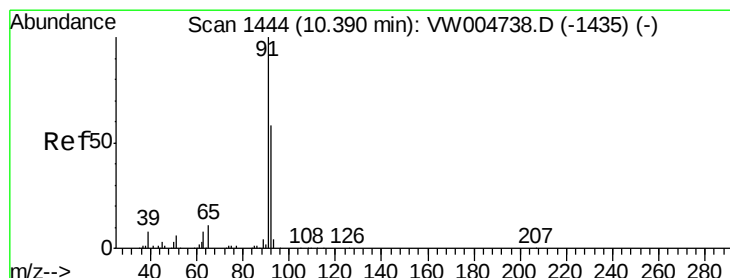
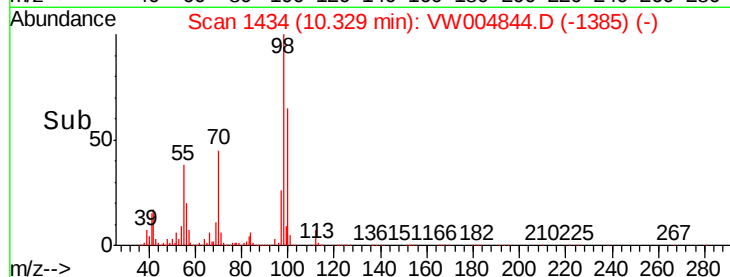
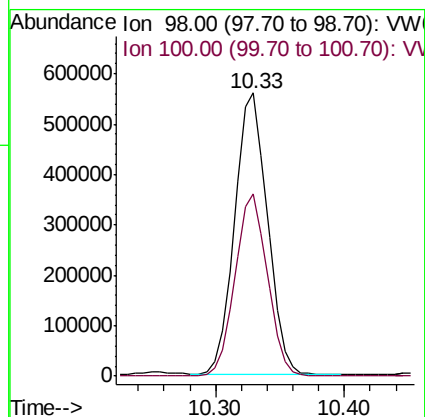
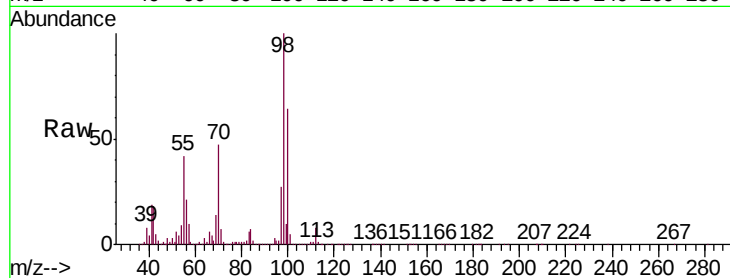
H-R-P-T-WC-1-GRAB-7

Tgt Ion: 98 Resp: 990994

Ion Ratio Lower Upper

98 100

100 63.4 51.8 77.8



#52

Toluene

Concen: 1.424 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004844.D

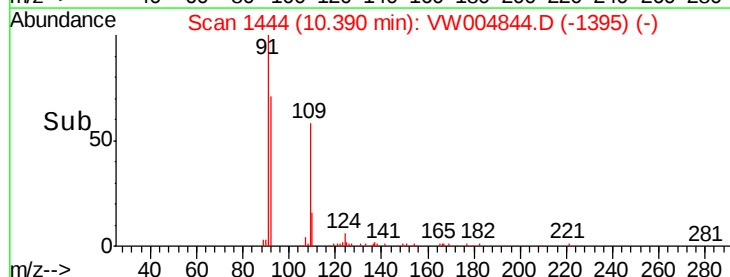
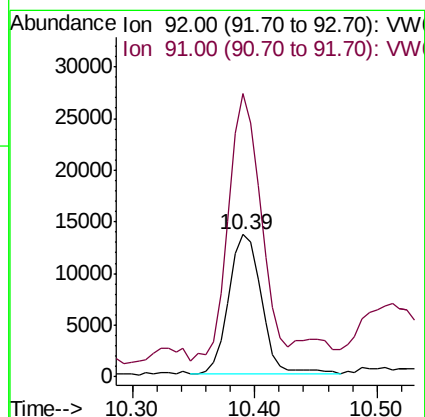
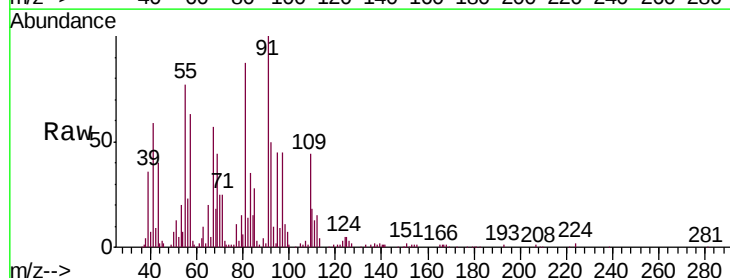
Acq: 21 Aug 2018 16:28

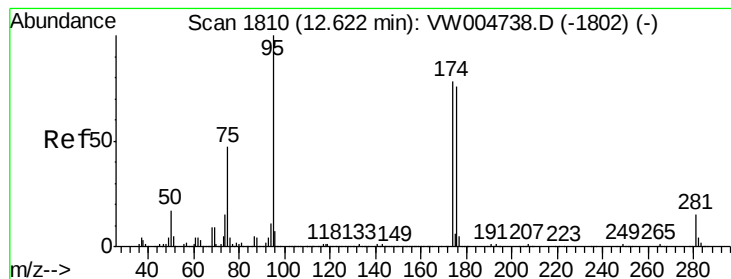
Tgt Ion: 92 Resp: 25239

Ion Ratio Lower Upper

92 100

91 187.3 138.3 207.5





#62

4-Bromofluorobenzene

Concen: 1240.092 ug/l m

RT: 12.63 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

H-R-P-T-WC-1-GRAB-7

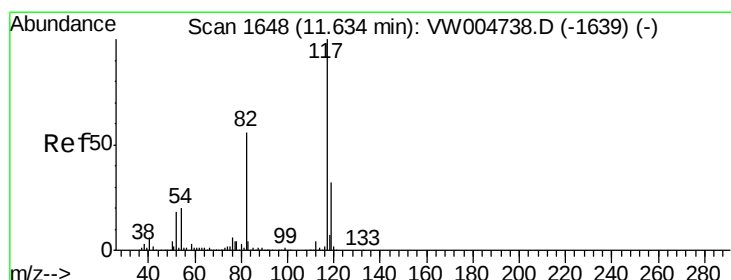
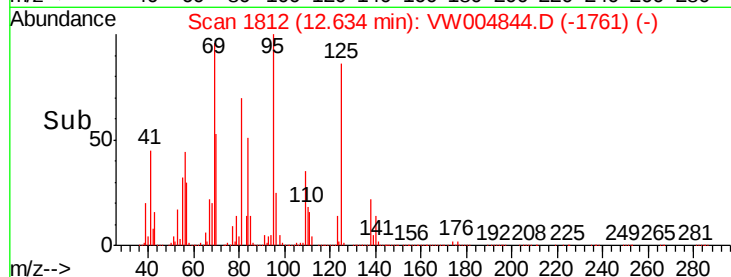
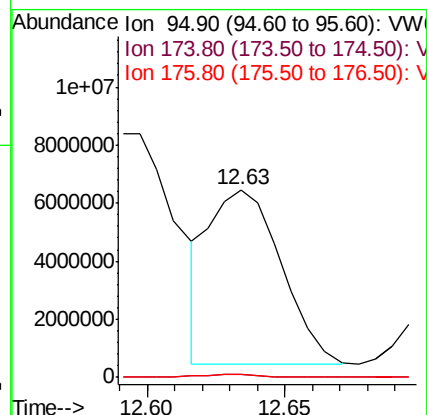
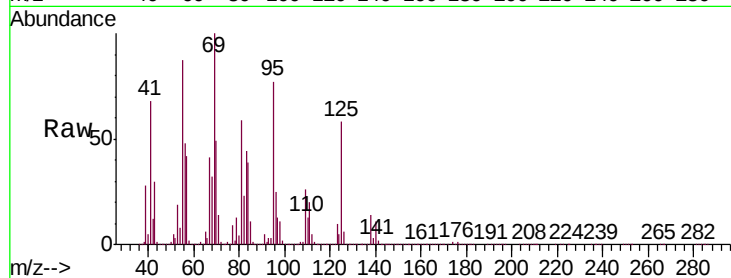
Tgt Ion: 95 Resp:10989124

Ion Ratio Lower Upper

95 100

174 0.0 0.0 165.8

176 0.0 0.0 159.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

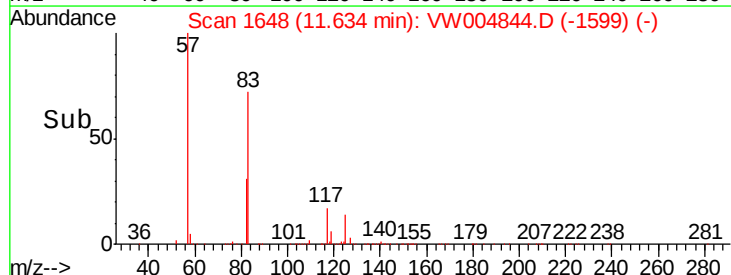
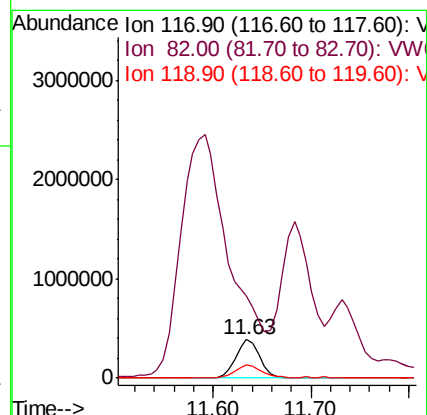
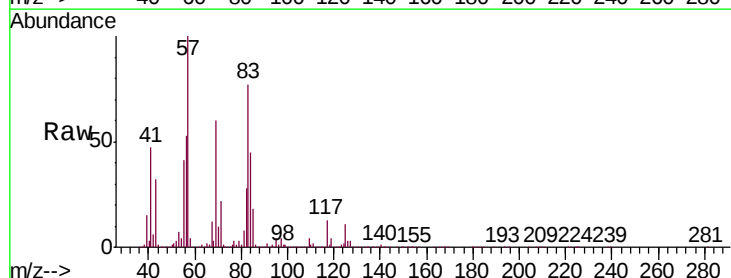
Tgt Ion:117 Resp: 643490

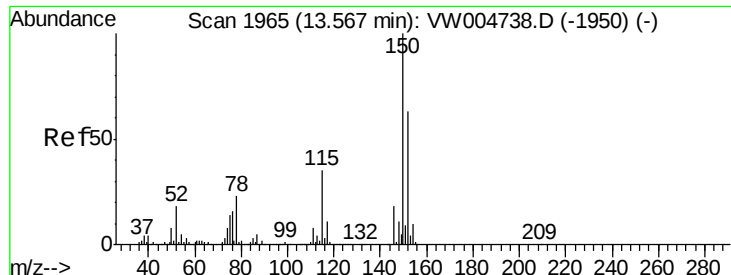
Ion Ratio Lower Upper

117 100

82 8.2 44.6 67.0#

119 31.9 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1964

Delta R.T. -0.01 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

Instrument :

MSVOA_W

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H-R-P-T-WC-1-GRAB-7

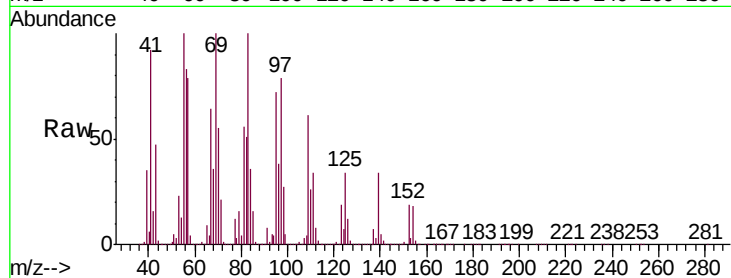
Tgt Ion:152 Resp: 3575673

Ion Ratio Lower Upper

152 100

115 2.4 28.5 85.5#

150 4.5 0.0 344.8



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

