

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005116.D
 Acq On : 05 Sep 2018 08:31
 Operator : SY/AP
 Sample : J4712-08
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-07

Quant Time: Sep 05 10:56:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

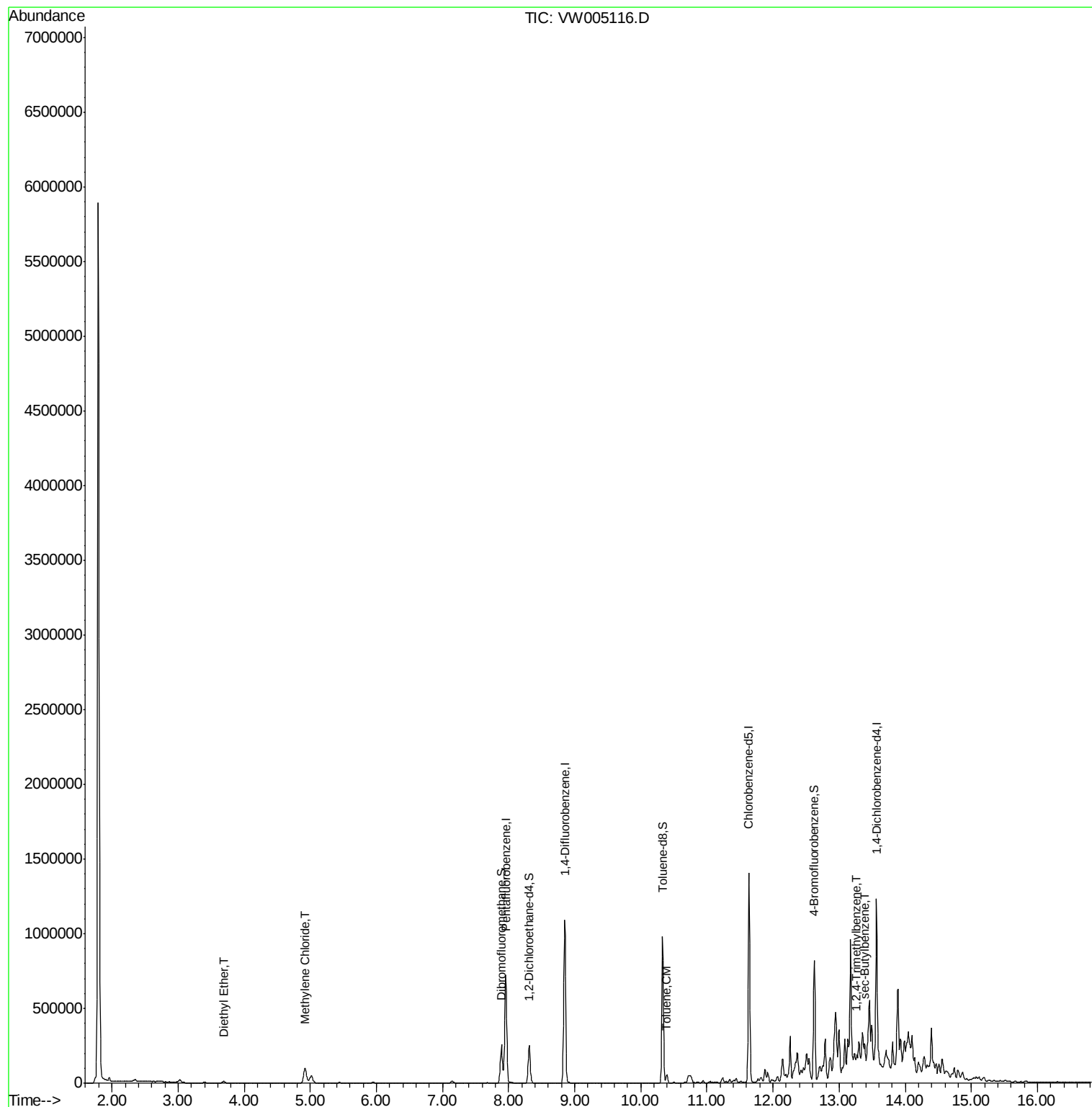
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	585929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	953890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	833583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	315292	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	189211	38.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.92%	
35) Dibromofluoromethane	7.89	113	185229	33.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.20%	
50) Toluene-d8	10.33	98	660946	26.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.04%	
62) 4-Bromofluorobenzene	12.62	95	240309	26.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.66%	
Target Compounds						
8) Diethyl Ether	3.69	74	5311	1.96	ug/l	Qvalue 84
20) Methylene Chloride	4.92	84	81619	9.23	ug/l	94
52) Toluene	10.40	92	23184	1.23	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	20868	1.07	ug/l	100
85) sec-Butylbenzene	13.39	105	34730	1.47	ug/l #	62

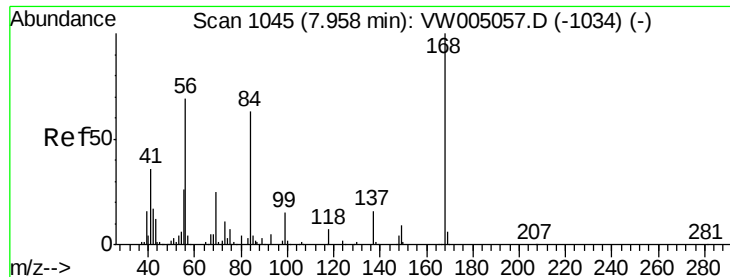
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
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Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW005116.D

Acq: 05 Sep 2018 08:31

Instrument :

MSVOA_W

ClientSampleId :

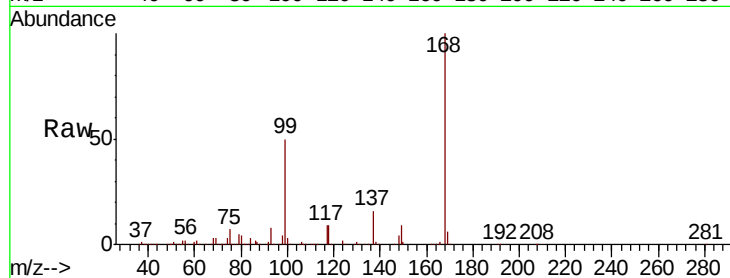
SB-07

Tot Ion:168 Resp: 585929

Ion Ratio Lower Upper

168 100

99 49.8 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

150000

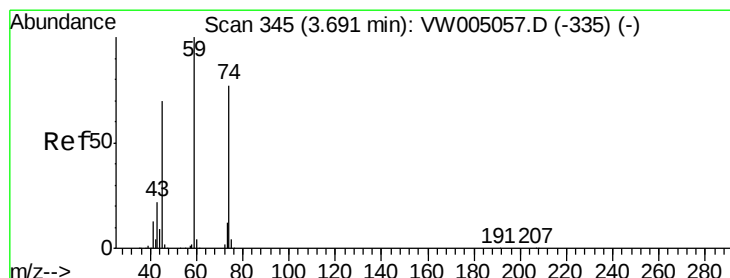
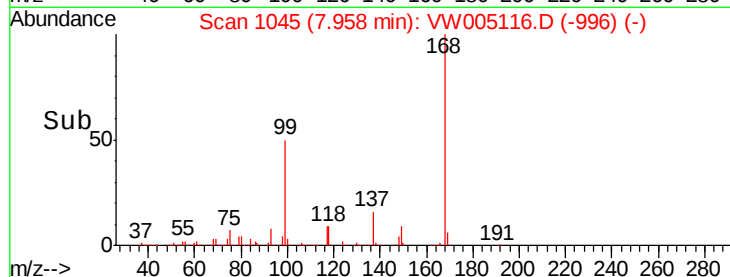
100000

50000

0

Time-->

7.80 7.90 8.00 8.10 8.20



#8

Diethyl Ether

Concen: 1.96 ug/l

RT: 3.69 min Scan# 345

Delta R.T. 0.00 min

Lab File: VW005116.D

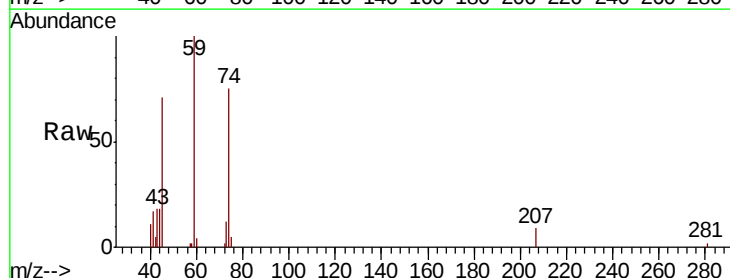
Acq: 05 Sep 2018 08:31

Tgt Ion: 74 Resp: 5311

Ion Ratio Lower Upper

74 100

45 107.4 46.0 137.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3000

2500

2000

1500

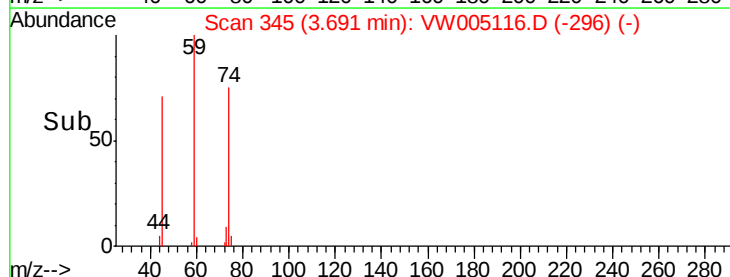
1000

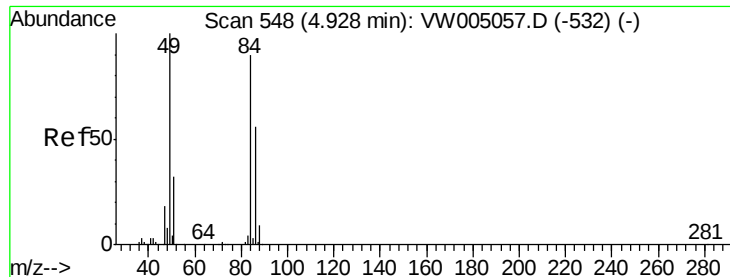
500

0

Time-->

3.60 3.65 3.70 3.75

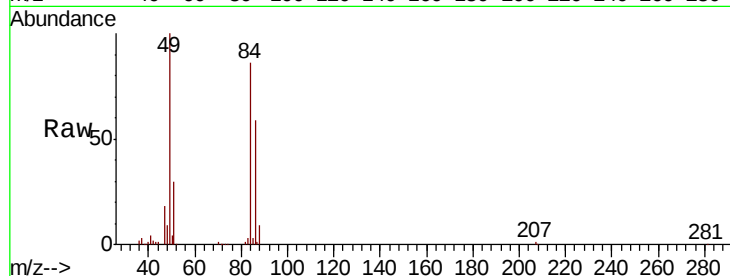




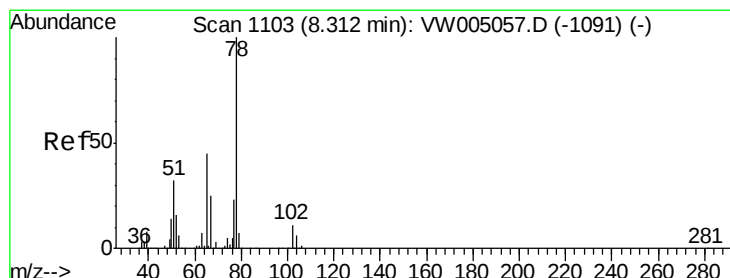
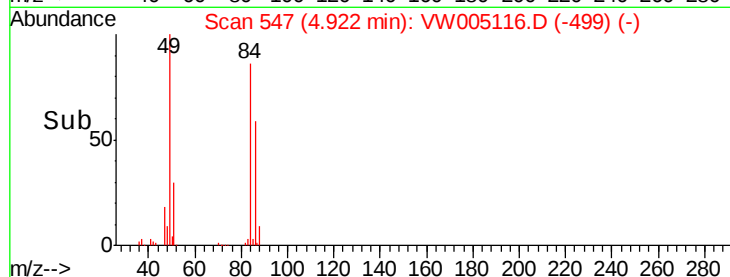
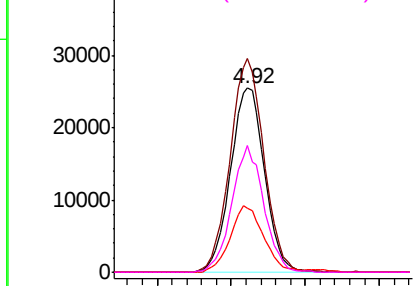
#20
Methvlene Chloride
Concen: 9.23 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005116.D
Acq: 05 Sep 2018 08:31

Instrument :
MSVOA_W
ClientSampled :
SB-07

Tot Ion:	84	Resp:	81619
Ion	Ratio	Lower	Upper
84	100		
49	116.2	88.7	133.1
51	34.9	28.6	42.8
86	68.6	49.4	74.2

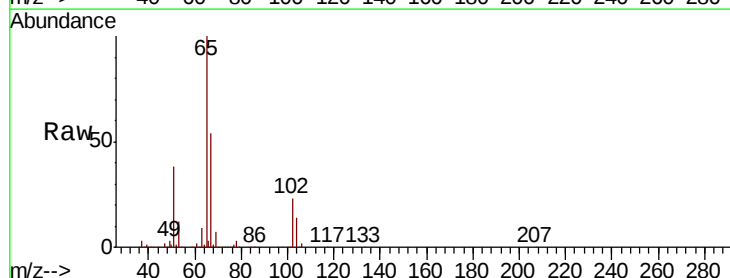


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

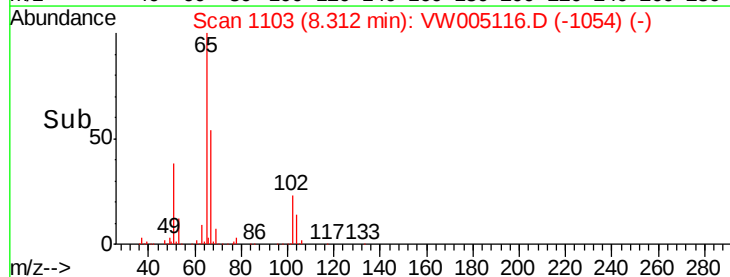
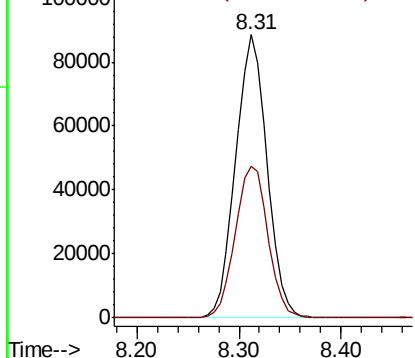


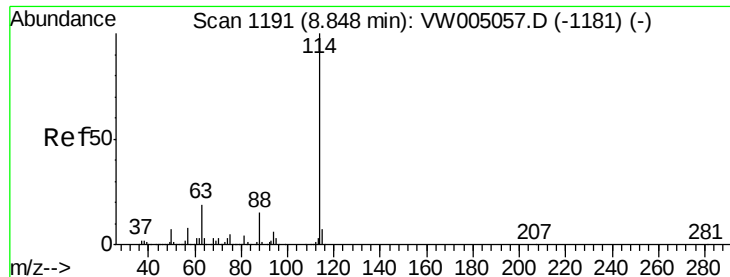
#33
1,2-Dichloroethane-d4
Concen: 38.96 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW005116.D
Acq: 05 Sep 2018 08:31

Tgt Ion:	65	Resp:	189211
Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	109.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

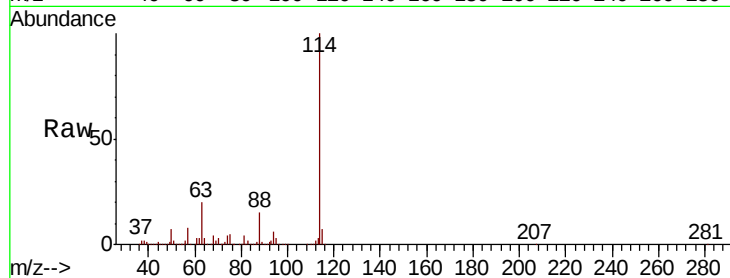




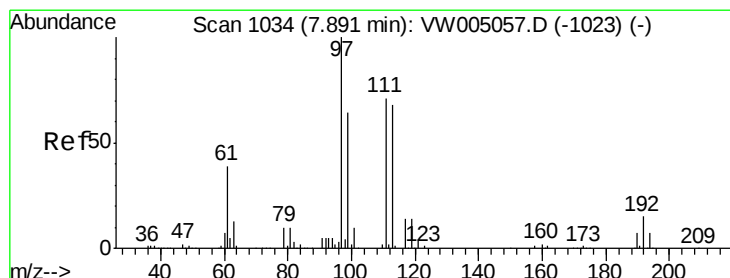
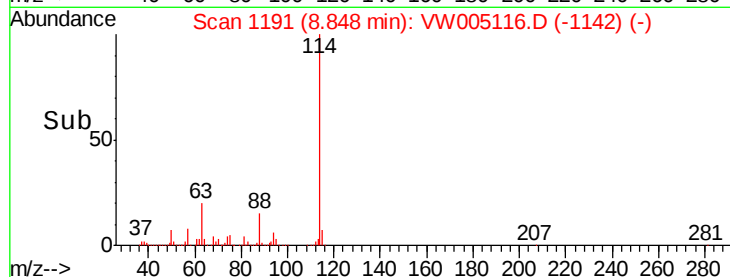
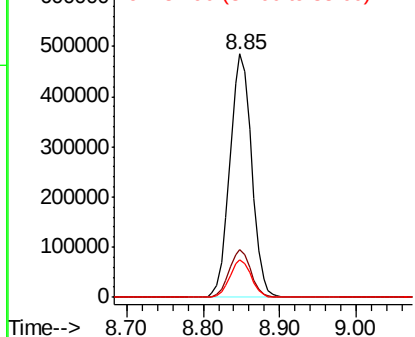
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW005116.D
 Acq: 05 Sep 2018 08:31

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-07

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.0
88	15.4	0.0	30.2

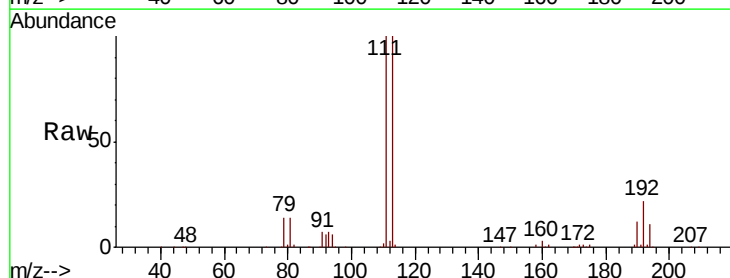


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

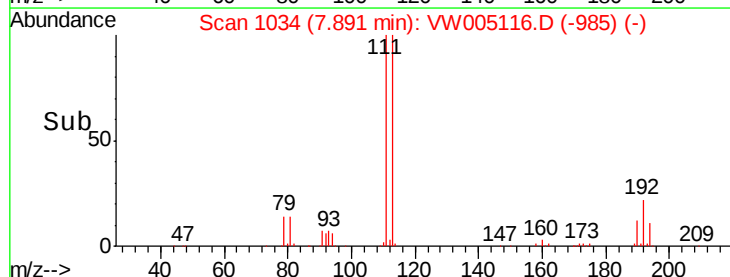
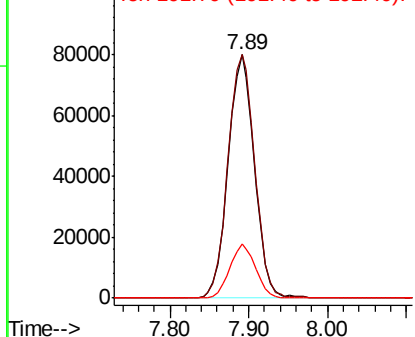


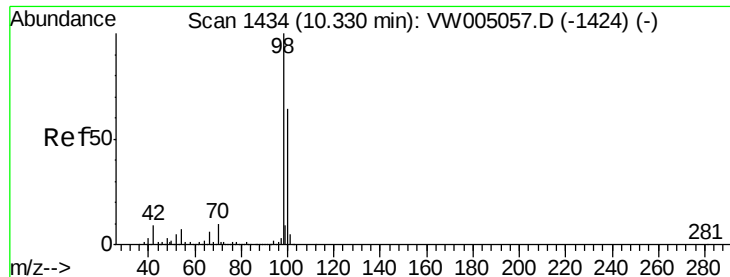
#35
 Dibromofluoromethane
 Concen: 33.60 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VW005116.D
 Acq: 05 Sep 2018 08:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.2
192	21.7	18.1	27.1



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: 26.02 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW005116.D

Acq: 05 Sep 2018 08:31

Instrument :

MSVOA_W

ClientSampleId :

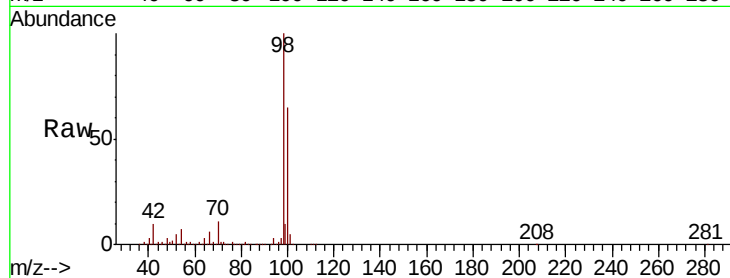
SB-07

Tot Ion: 98 Resp: 660946

Ion Ratio Lower Upper

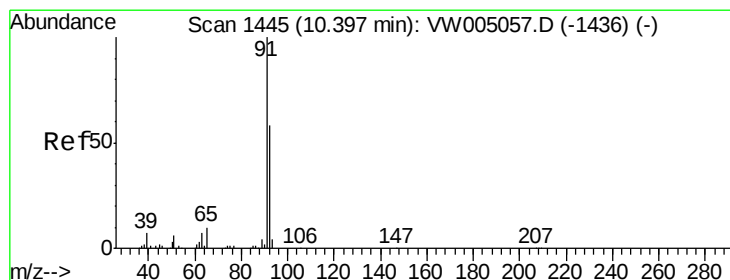
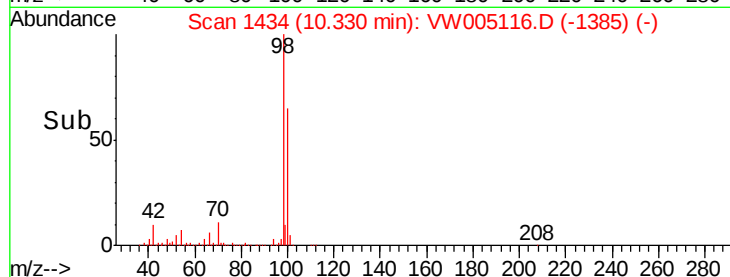
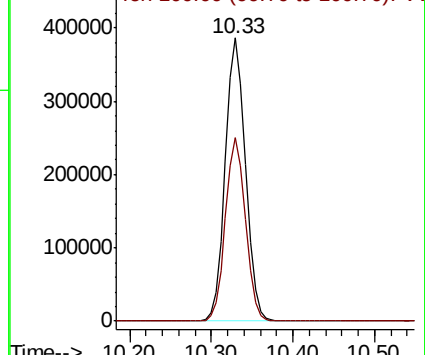
98 100

100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 1.23 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.00 min

Lab File: VW005116.D

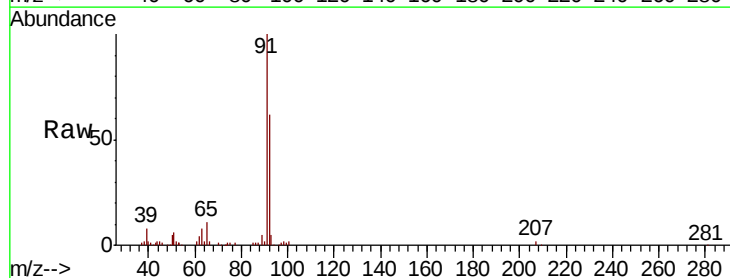
Acq: 05 Sep 2018 08:31

Tgt Ion: 92 Resp: 23184

Ion Ratio Lower Upper

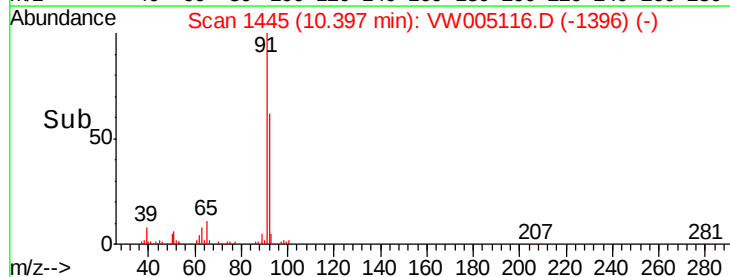
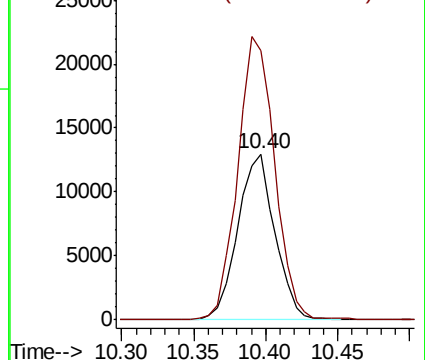
92 100

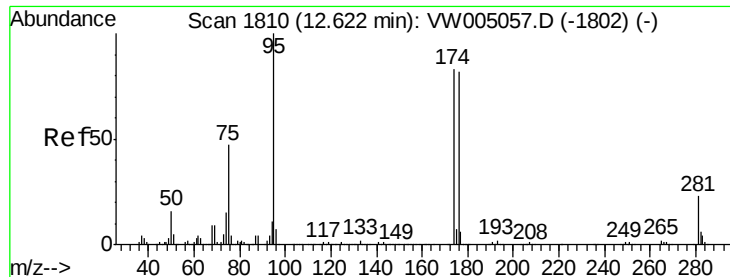
91 170.5 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 26.83 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW005116.D

Acq: 05 Sep 2018 08:31

Instrument :

MSVOA_W

ClientSampleId :

SB-07

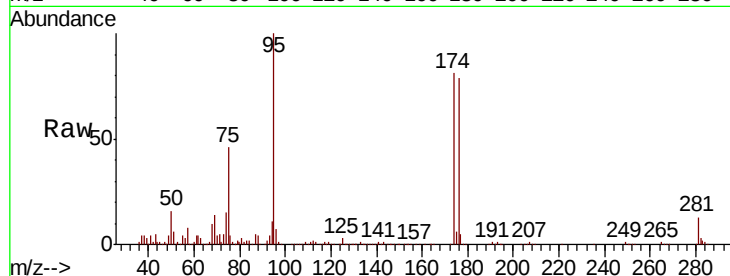
Tot Ion: 95 Resp: 240309

Ion Ratio Lower Upper

95 100

174 83.5 0.0 173.4

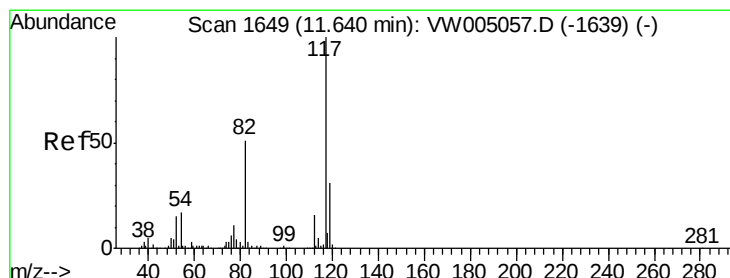
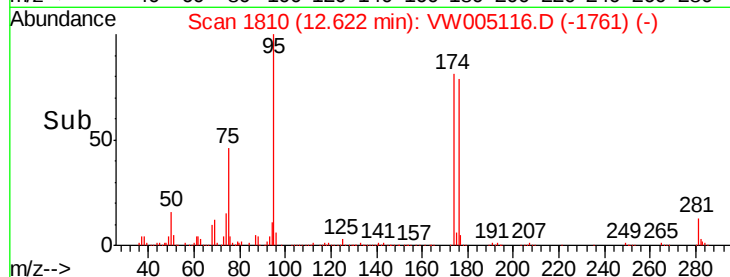
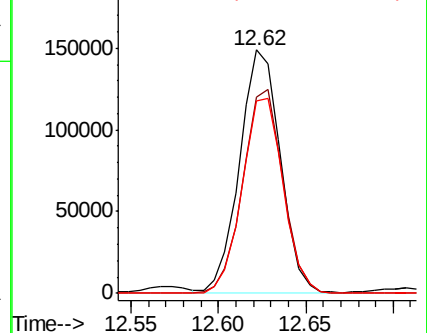
176 81.4 0.0 167.4



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: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VW005116.D

Acq: 05 Sep 2018 08:31

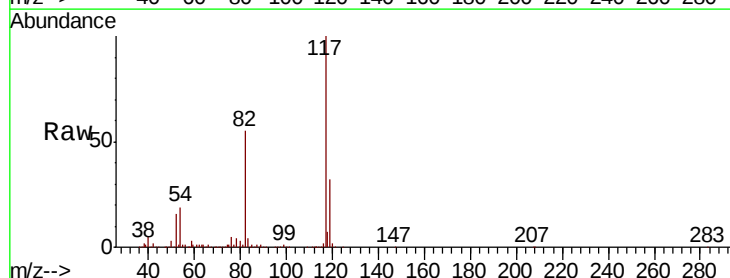
Tgt Ion: 117 Resp: 833583

Ion Ratio Lower Upper

117 100

82 54.5 40.9 61.3

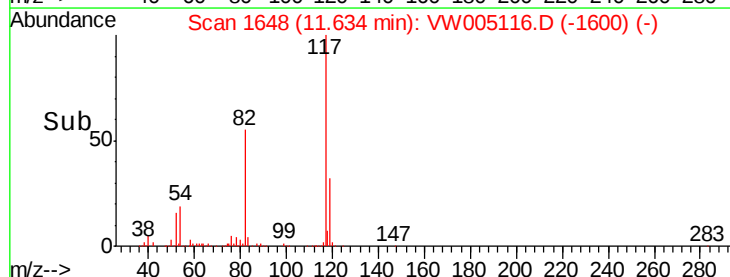
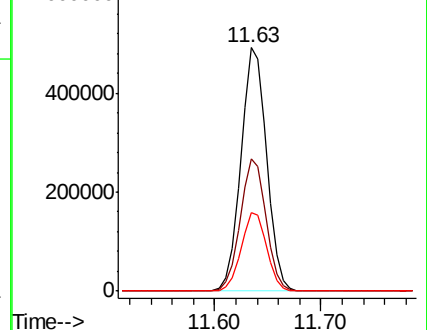
119 32.1 24.9 37.3

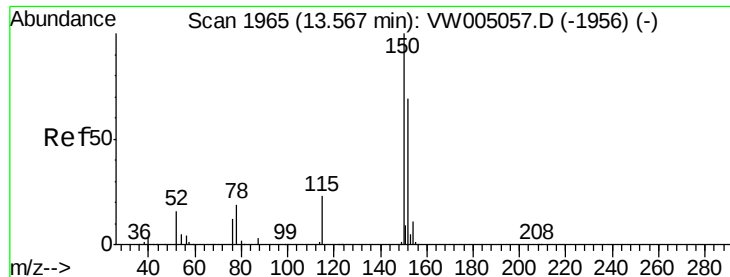


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW005116.D

Acq: 05 Sep 2018 08:31

Instrument :

MSVOA_W

ClientSampled :

SB-07

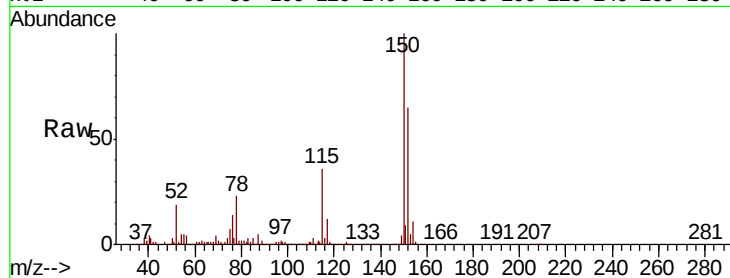
Tot Ion:152 Resp: 315292

Ion Ratio Lower Upper

152 100

115 56.4 27.8 83.4

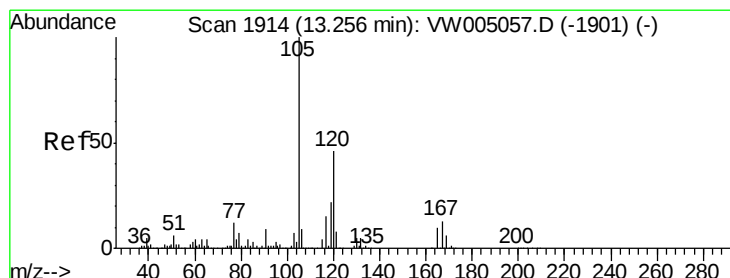
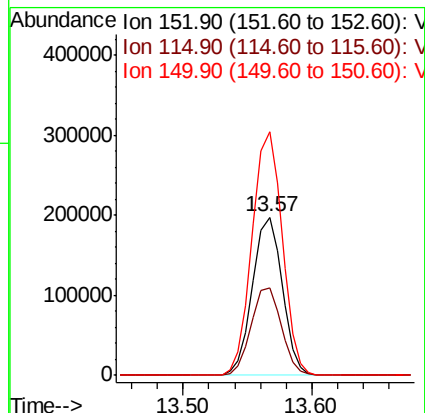
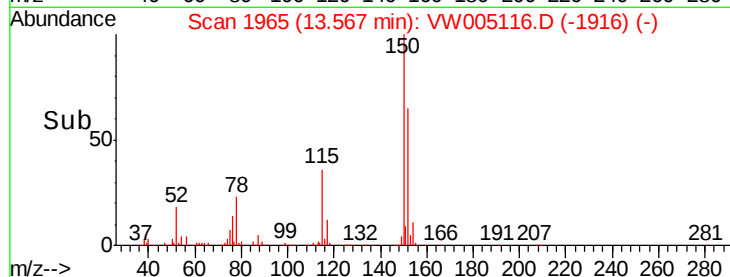
150 155.6 0.0 351.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.07 ug/l

RT: 13.26 min Scan# 1914

Delta R.T. 0.00 min

Lab File: VW005116.D

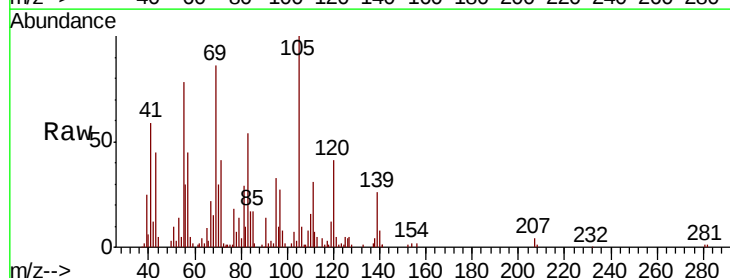
Acq: 05 Sep 2018 08:31

Tgt Ion:105 Resp: 20868

Ion Ratio Lower Upper

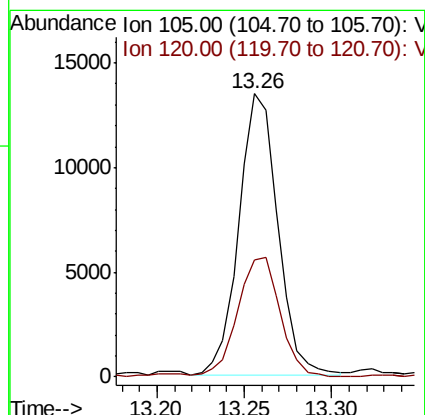
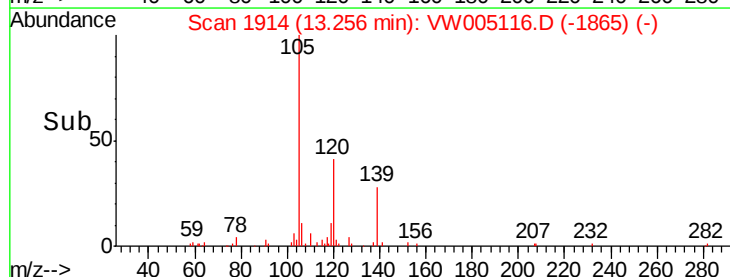
105 100

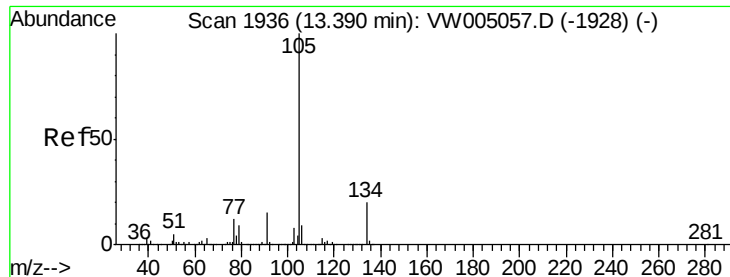
120 46.2 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.47 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW005116.D

Acq: 05 Sep 2018 08:31

Instrument :

MSVOA_W

ClientSampleId :

SB-07

Tot Ion:105 Resp: 34730

Ion Ratio Lower Upper

105 100

134 37.5 10.1 30.3#

