

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111218\
 Data File : VW006842.D
 Acq On : 13 Nov 2018 08:16
 Operator : SY/AP
 Sample : J5860-17
 Misc : 4.9G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-108(14-16)

Quant Time: Nov 20 11:22:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

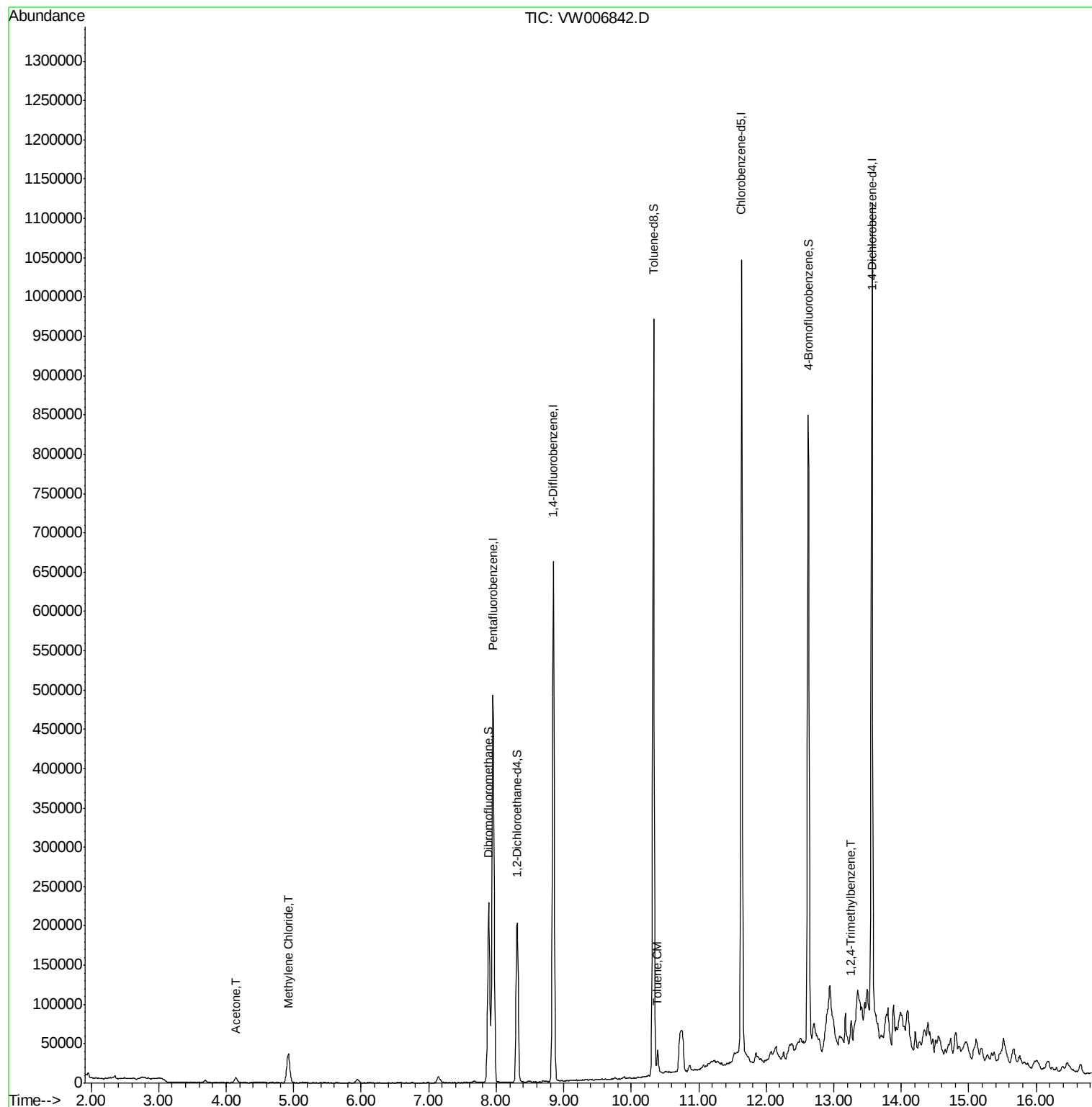
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	419792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	617961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	607552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	317547	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	161782	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
35) Dibromofluoromethane	7.88	113	162821	44.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.50%	
50) Toluene-d8	10.33	98	677245	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.80%	
62) 4-Bromofluorobenzene	12.62	95	248597	44.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.50%	
Target Compounds						
16) Acetone	4.14	43	12272	27.845	ug/l	99
20) Methylene Chloride	4.92	84	32729	3.302	ug/l	97
52) Toluene	10.39	92	13206	1.158	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	20639	1.070	ug/l	99

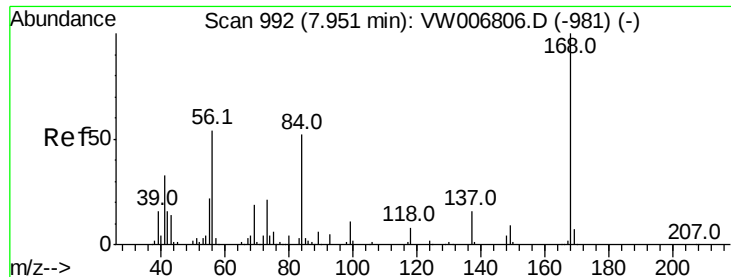
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 12 14:58:58 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: VW006842.D

Acq: 13 Nov 2018 08:16

Instrument :

MSVOA_W

ClientSampleId :

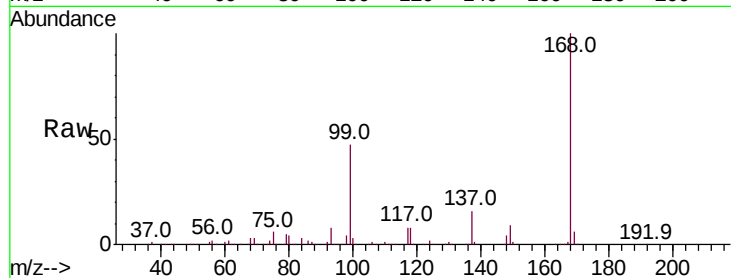
EP2-SB-108(14-16)

Tot Ion:168 Resp: 419792

Ion Ratio Lower Upper

168 100

99 47.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

100000

50000

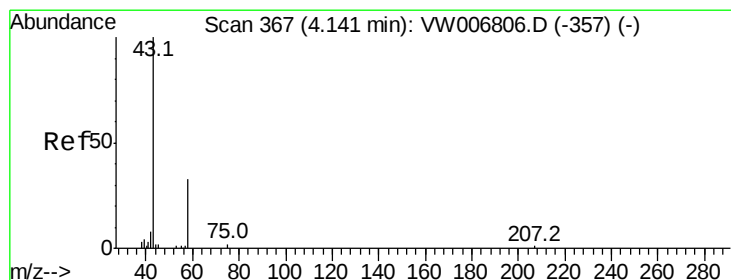
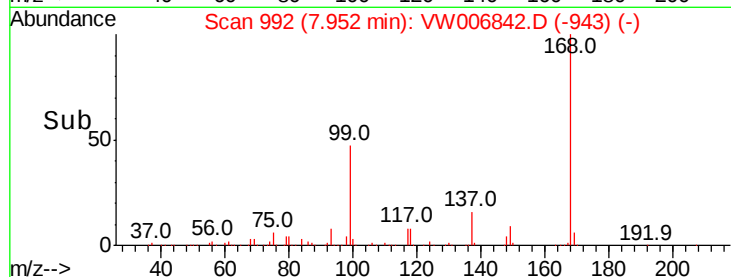
0

Time-->

7.90

8.00

8.10



#16

Acetone

Concen: 27.845 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW006842.D

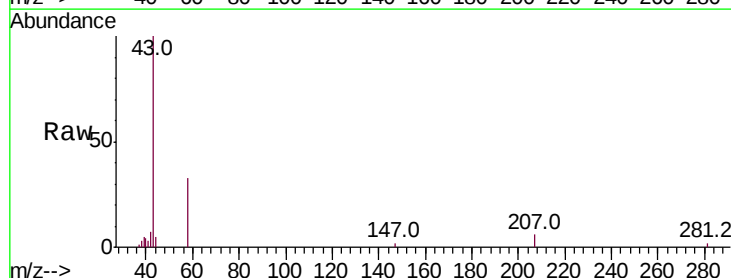
Acq: 13 Nov 2018 08:16

Tgt Ion: 43 Resp: 12272

Ion Ratio Lower Upper

43 100

58 32.7 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

4000

3000

2000

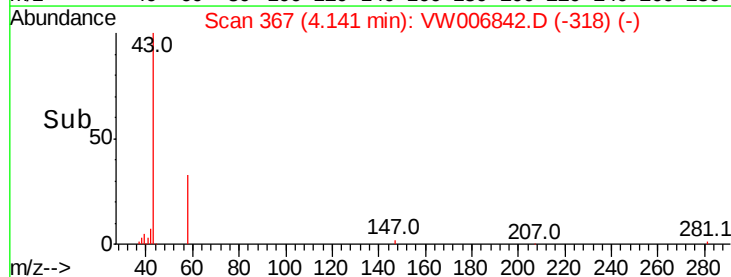
1000

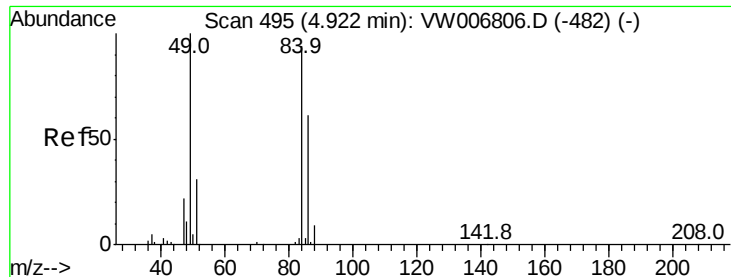
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Time-->

4.10

4.20





#20

Methylene Chloride

Concen: 3.302 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW006842.D

Acq: 13 Nov 2018 08:16

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-108(14-16)

Tot Ion: 84 Resp: 32729

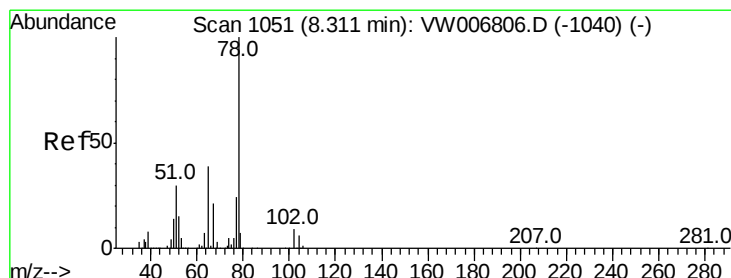
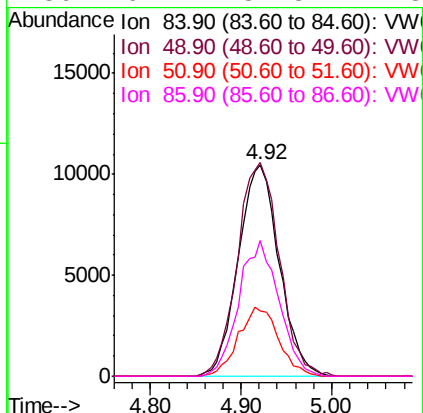
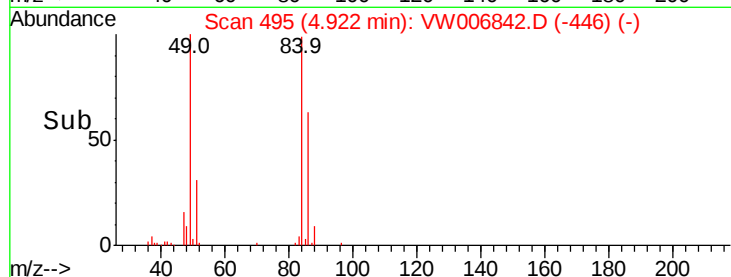
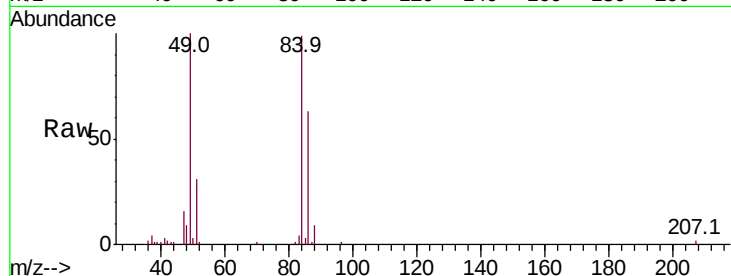
Ion Ratio Lower Upper

84 100

49 101.1 84.8 127.2

51 30.9 26.2 39.4

86 64.1 51.8 77.8



#33

1,2-Dichloroethane-d4

Concen: 52.718 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006842.D

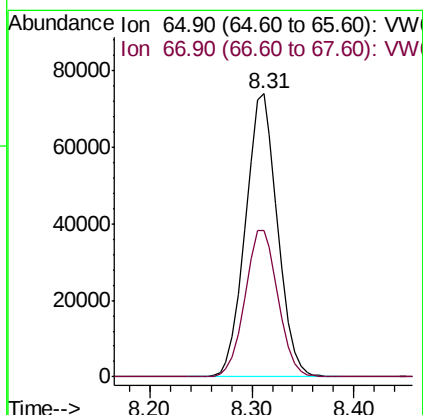
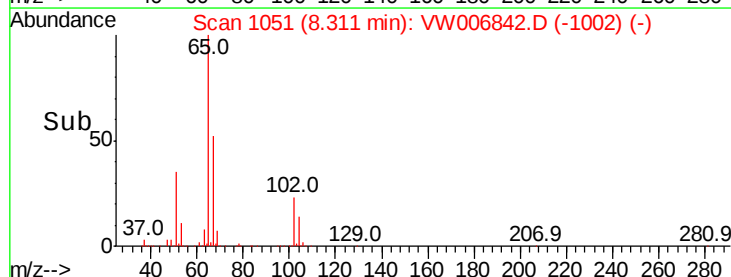
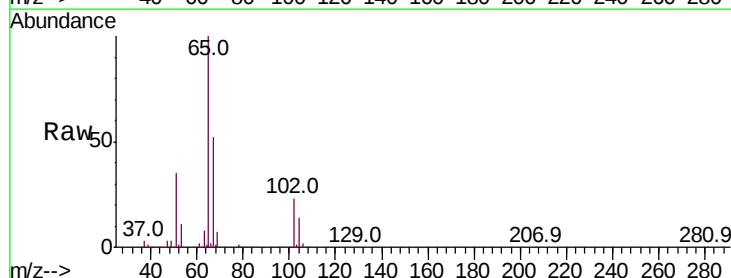
Acq: 13 Nov 2018 08:16

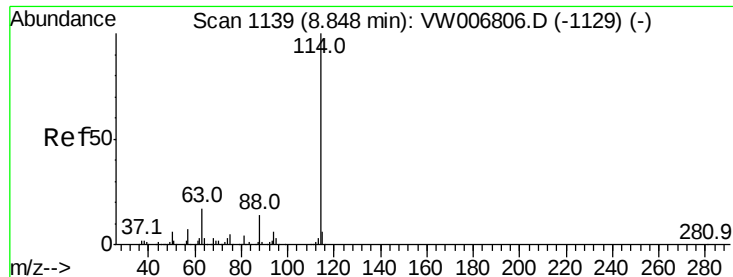
Tgt Ion: 65 Resp: 161782

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006842.D

Acq: 13 Nov 2018 08:16

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-108(14-16)

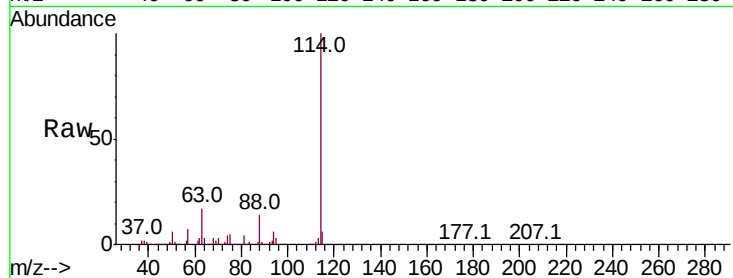
Tot Ion:114 Resp: 617961

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.6

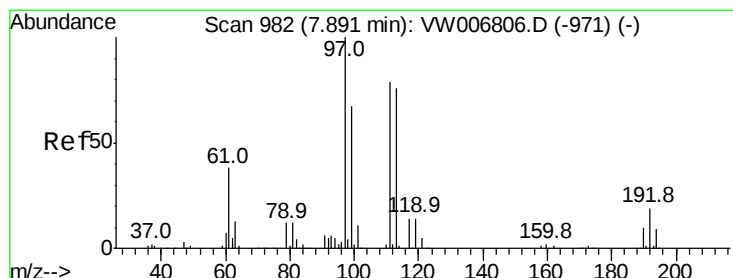
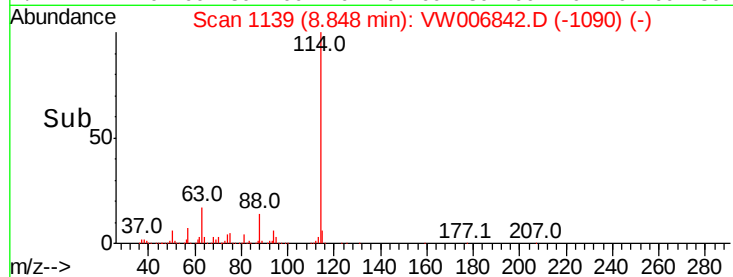
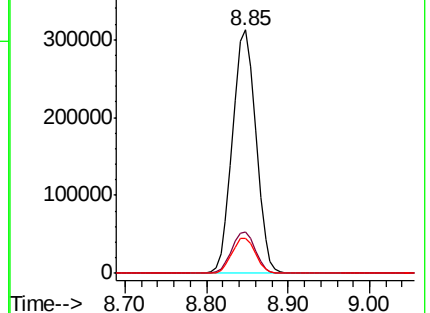
88 14.4 0.0 28.4



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: 44.247 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006842.D

Acq: 13 Nov 2018 08:16

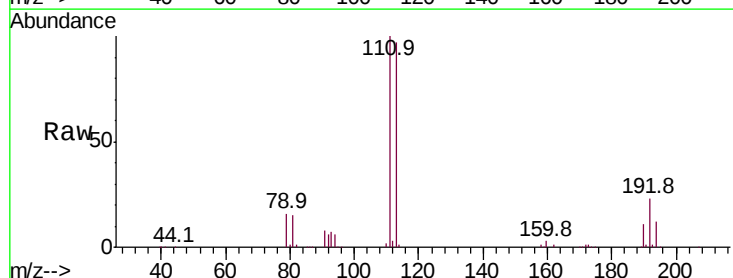
Tgt Ion:113 Resp: 162821

Ion Ratio Lower Upper

113 100

111 102.7 81.0 121.6

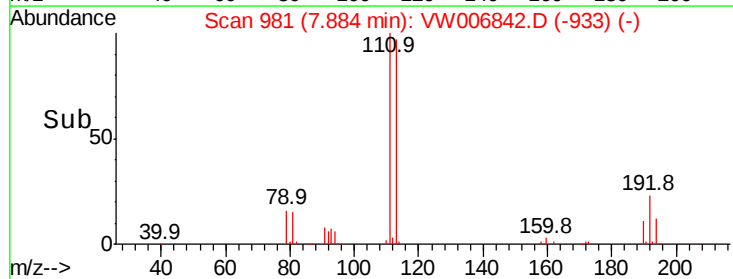
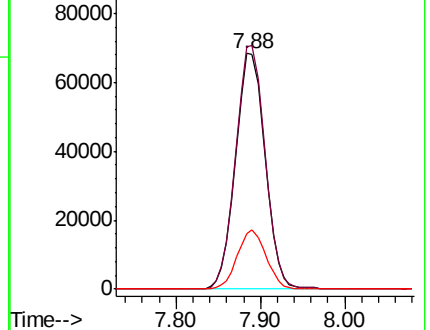
192 24.2 19.0 28.6

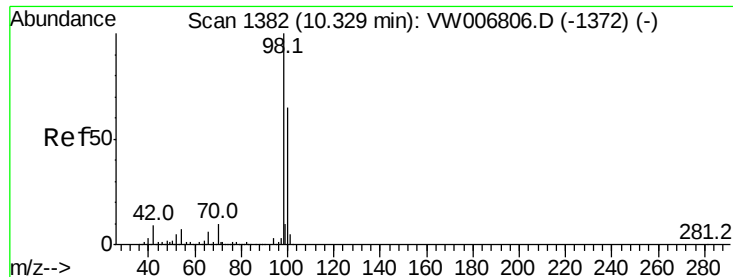


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.403 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006842.D

Acq: 13 Nov 2018 08:16

Instrument :

MSVOA_W

ClientSampleId :

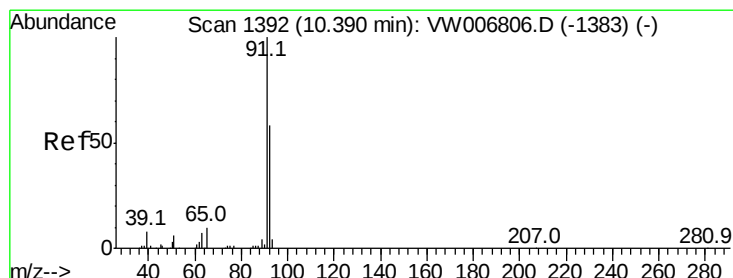
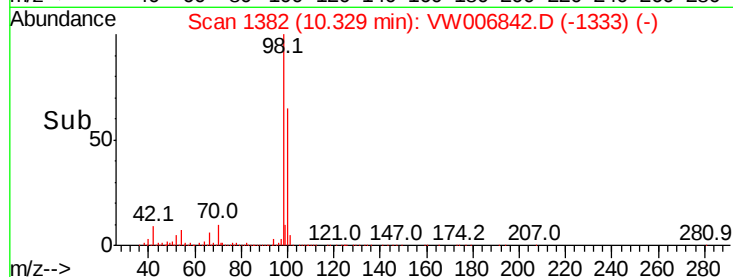
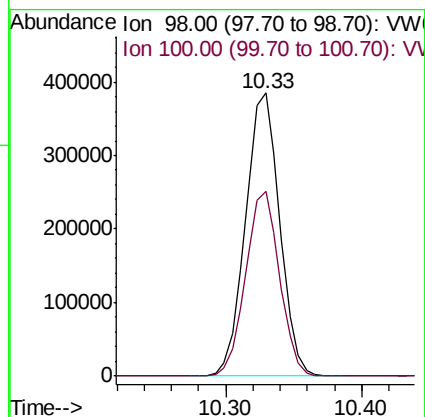
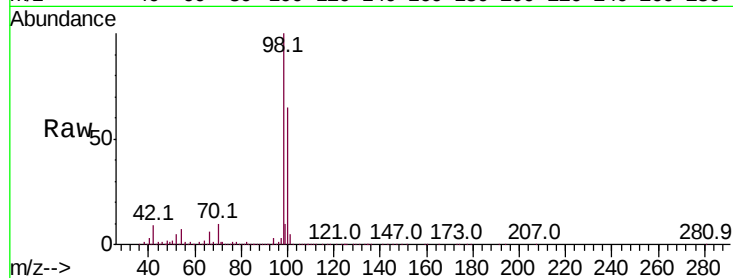
EP2-SB-108(14-16)

Tot Ion: 98 Resp: 677245

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.2



#52

Toluene

Concen: 1.158 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006842.D

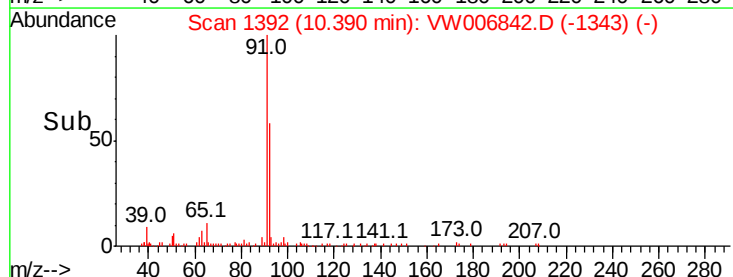
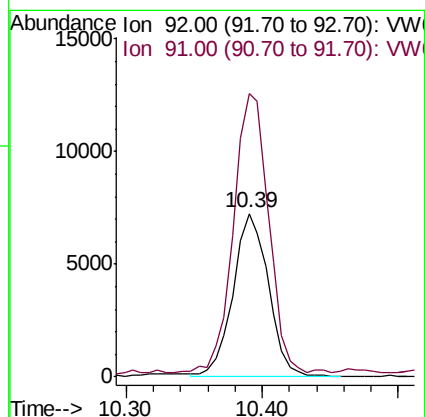
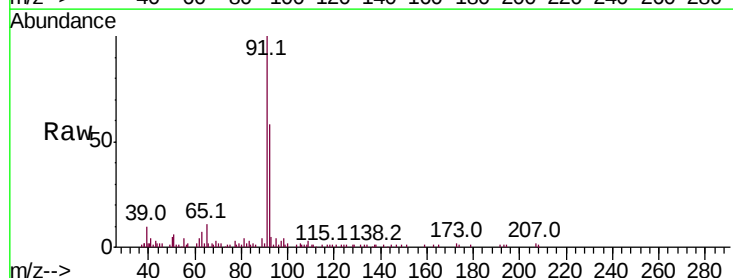
Acq: 13 Nov 2018 08:16

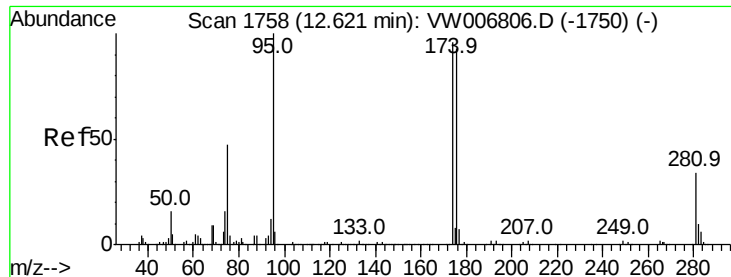
Tgt Ion: 92 Resp: 13206

Ion Ratio Lower Upper

92 100

91 169.3 139.4 209.2

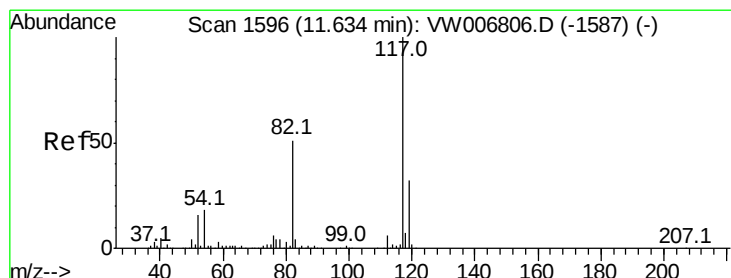
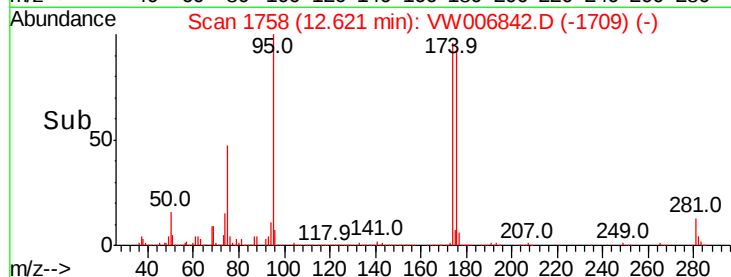
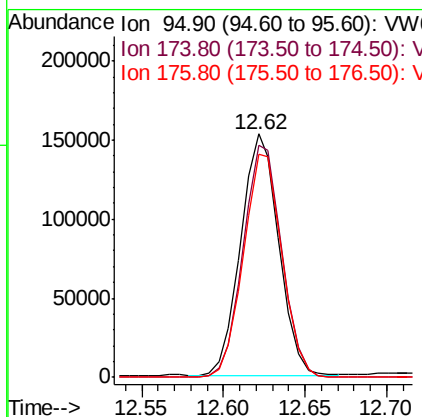
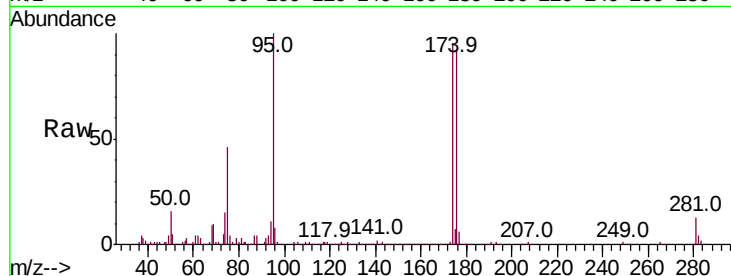




#62
4-Bromofluorobenzene
Concen: 44.254 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006842.D
Acq: 13 Nov 2018 08:16

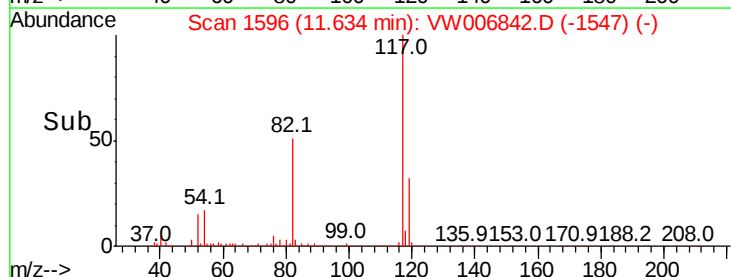
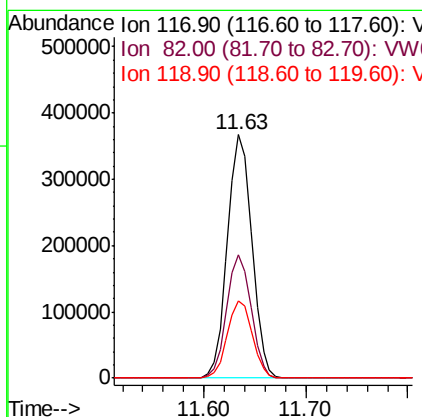
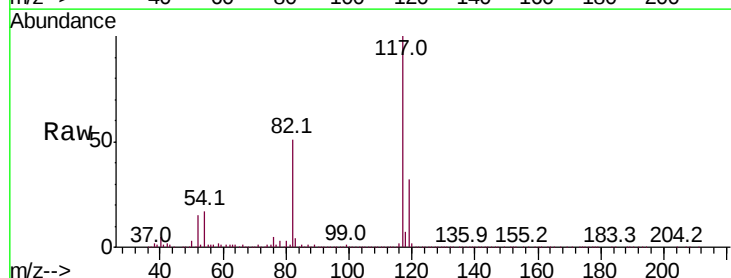
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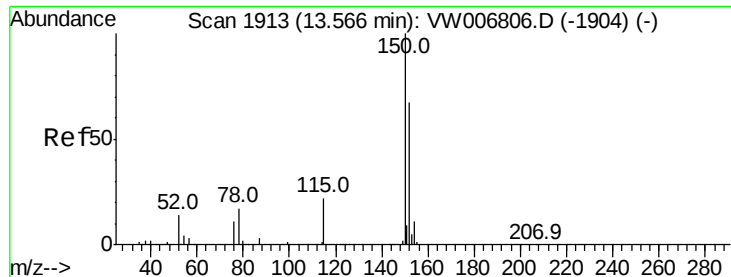
Tot Ion: 95 Resp: 248597
Ion Ratio Lower Upper
95 100
174 96.5 0.0 196.6
176 93.3 0.0 191.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006842.D
Acq: 13 Nov 2018 08:16

Tgt Ion: 117 Resp: 607552
Ion Ratio Lower Upper
117 100
82 50.5 40.6 61.0
119 31.7 25.5 38.3

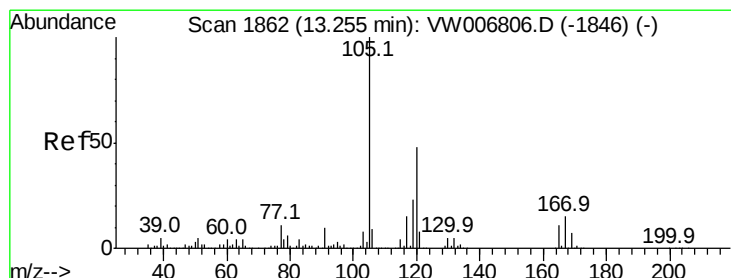
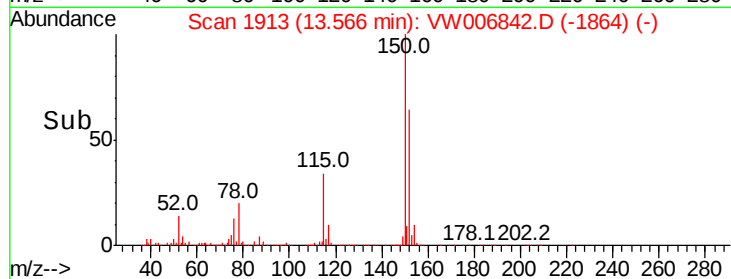
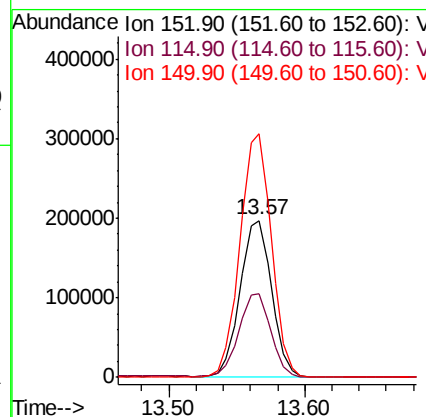
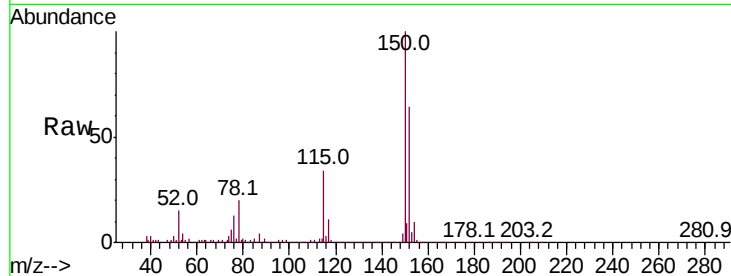




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VW006842.D
 Acq: 13 Nov 2018 08:16

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-108(14-16)

Tot Ion:152 Resp: 317547
 Ion Ratio Lower Upper
 152 100
 115 54.3 27.3 81.8
 150 155.2 0.0 353.0



#84
 1,2,4-Trimethylbenzene
 Concen: 1.070 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006842.D
 Acq: 13 Nov 2018 08:16

Tgt Ion:105 Resp: 20639
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.4 70.0

