

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082118\
 Data File : VD059866.D
 Acq On : 21 Aug 2018 20:09
 Operator : JC/SY
 Sample : J4559-05
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-WSW-20-049

Quant Time: Aug 22 02:11:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 21 04:40:12 2018
 Response via : Initial Calibration

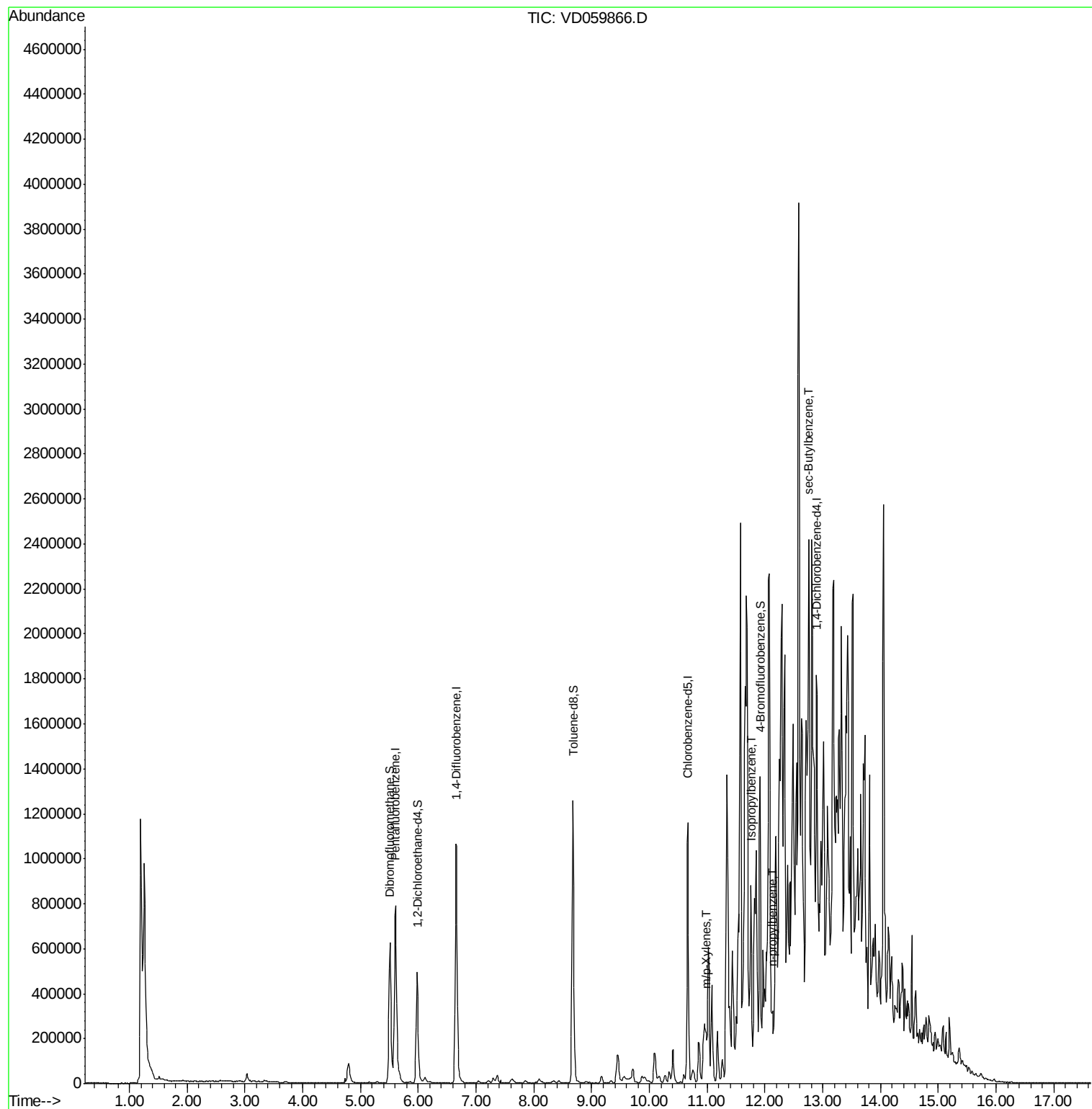
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	824791	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.66	114	1197310	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.66	117	699855	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.89	152	238304	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.98	65	415362	62.92	ug/l	0.01
Spiked Amount 50.000			Recovery	=	125.84%	
35) Dibromofluoromethane	5.51	113	525954	59.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.78%	
50) Toluene-d8	8.68	98	1028920	43.09	ug/l	0.01
Spiked Amount 50.000			Recovery	=	86.18%	
62) 4-Bromofluorobenzene	11.91	95	310538	33.89	ug/l	0.01
Spiked Amount 50.000			Recovery	=	67.78%	
Target Compounds						
68) m/p-Xylenes	10.99	106	14465	2.01	ug/l	Qvalue 81
73) Isopropylbenzene	11.76	105	72362	4.46	ug/l	97
78) n-propylbenzene	12.13	91	27433	1.36	ug/l	96
85) sec-Butylbenzene	12.74	105	127401	7.50	ug/l	95

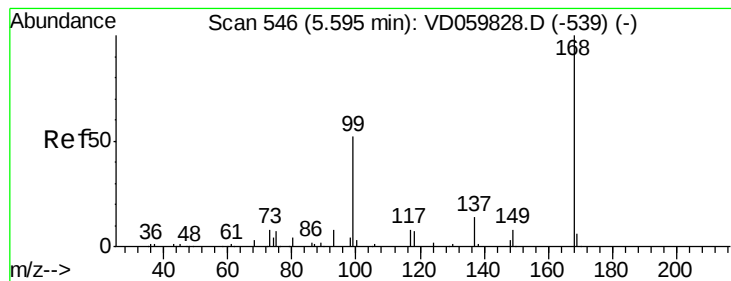
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082118\
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Quant Title : SW846 8260
QLast Update : Tue Aug 21 04:40:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.61 min Scan# 547

Delta R.T. 0.01 min

Lab File: VD059866.D

Acq: 21 Aug 2018 20:09

Instrument :

MSVOA_D

ClientSampleId :

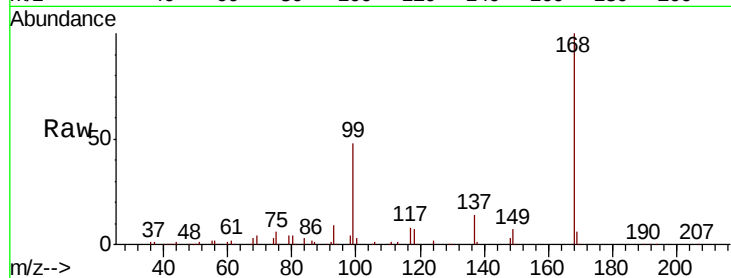
RA-081718-WSW-20-049

Tot Ion:168 Resp: 824791

Ion Ratio Lower Upper

168 100

99 48.0 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.61

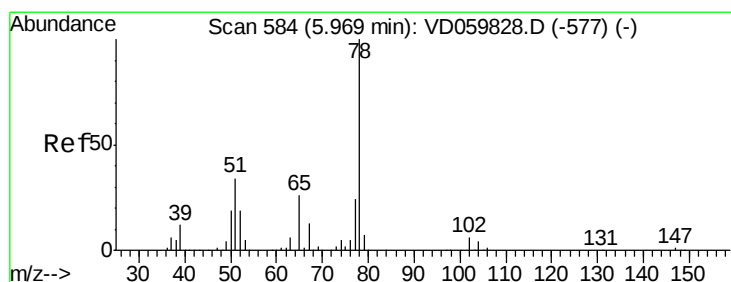
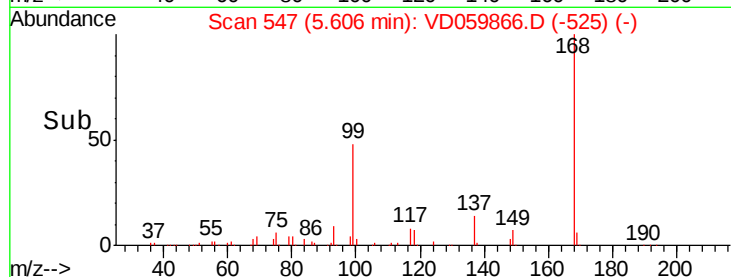
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 5.98 min Scan# 585

Delta R.T. 0.01 min

Lab File: VD059866.D

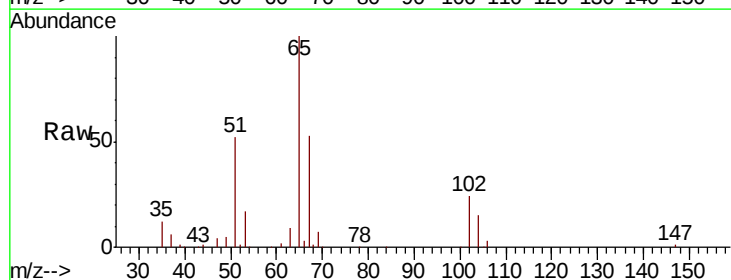
Acq: 21 Aug 2018 20:09

Tgt Ion: 65 Resp: 415362

Ion Ratio Lower Upper

65 100

67 52.7 0.0 102.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

5.98

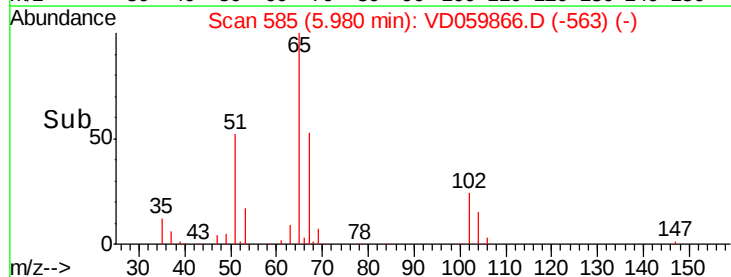
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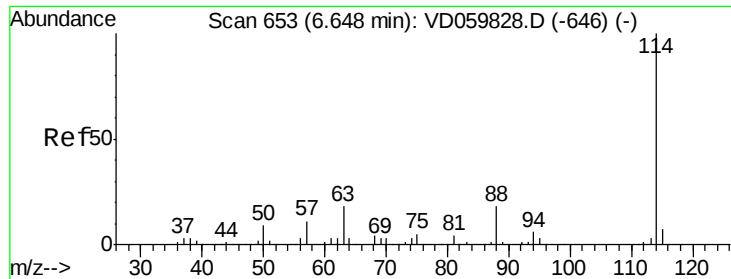
100000

50000

0

Time-->

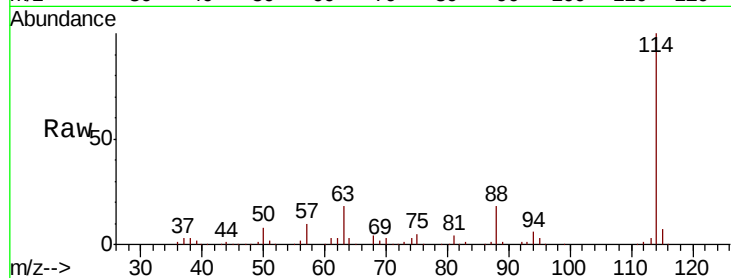




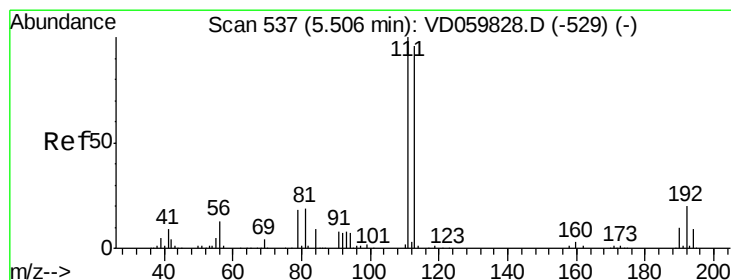
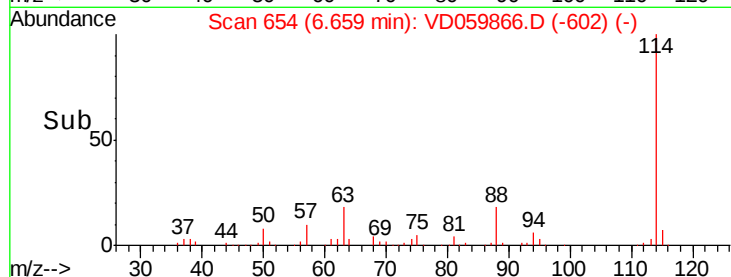
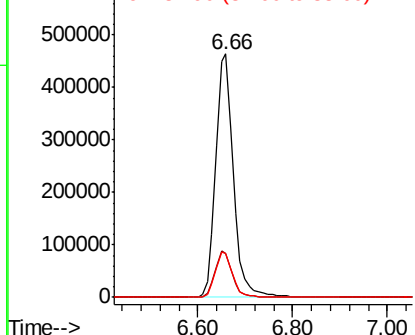
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.66 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: VD059866.D
 Acq: 21 Aug 2018 20:09

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-WSW-20-049

Tot Ion:114 Resp: 1197310
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.0
 88 17.8 0.0 37.0

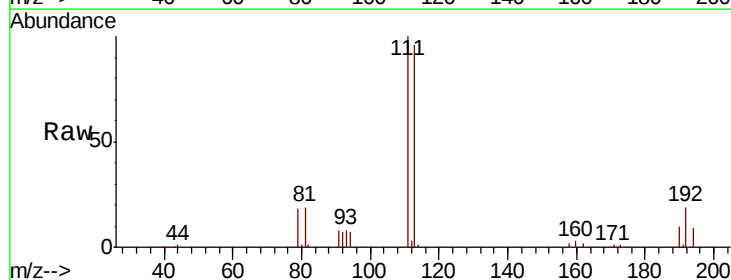


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

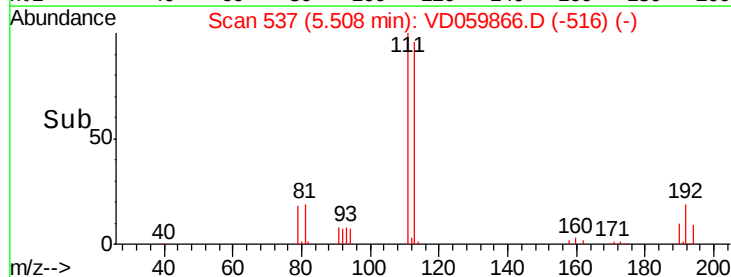
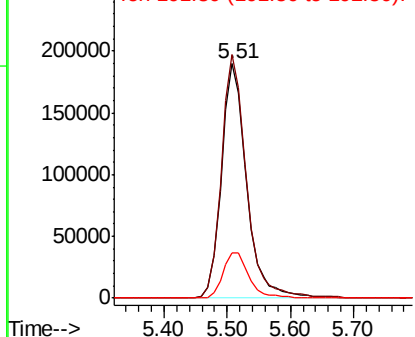


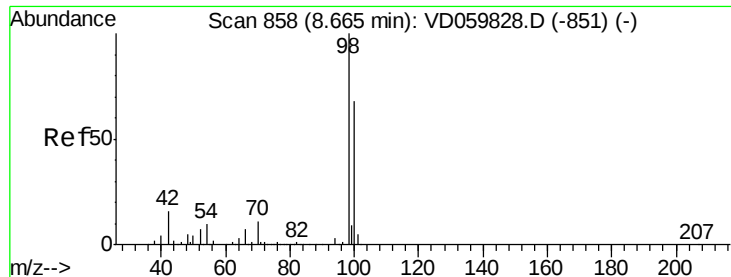
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.51 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: VD059866.D
 Acq: 21 Aug 2018 20:09

Tgt Ion:113 Resp: 525954
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.3 124.9
 192 19.3 16.8 25.2



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.68 min Scan# 859

Delta R.T. 0.01 min

Lab File: VD059866.D

Acq: 21 Aug 2018 20:09

Instrument :

MSVOA_D

ClientSampleId :

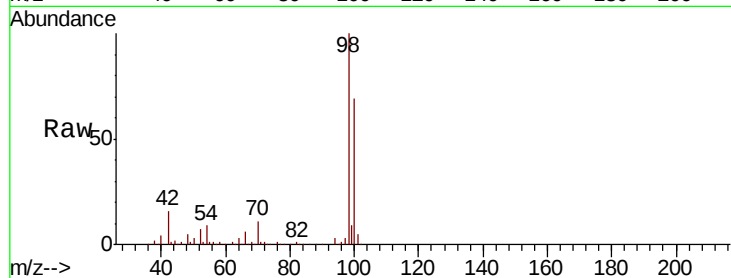
RA-081718-WSW-20-049

Tot Ion: 98 Resp: 1028920

Ion Ratio Lower Upper

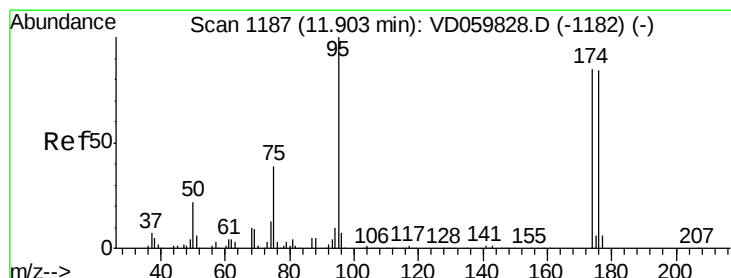
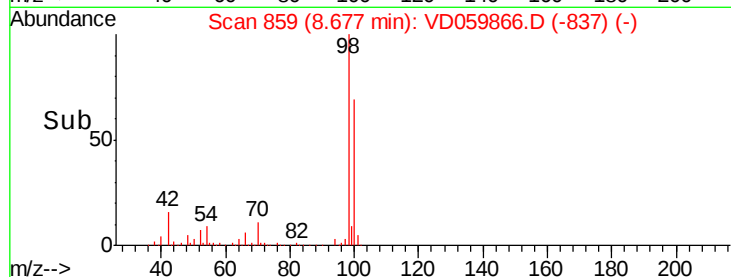
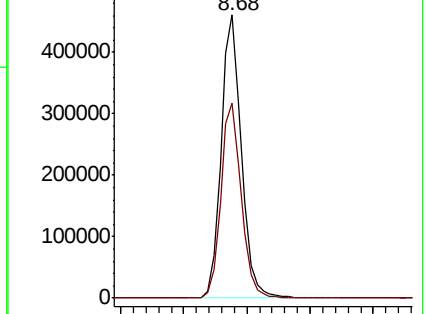
98 100

100 68.9 55.0 82.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.91 min Scan# 1188

Delta R.T. 0.01 min

Lab File: VD059866.D

Acq: 21 Aug 2018 20:09

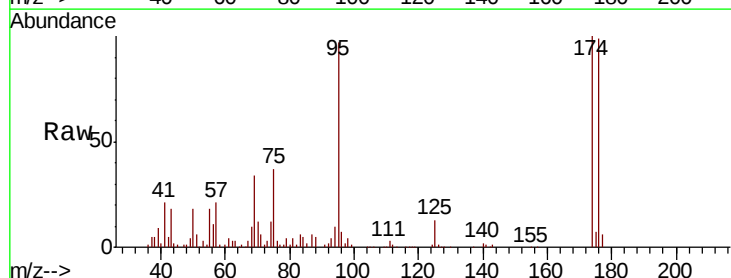
Tgt Ion: 95 Resp: 310538

Ion Ratio Lower Upper

95 100

174 103.4 0.0 169.2

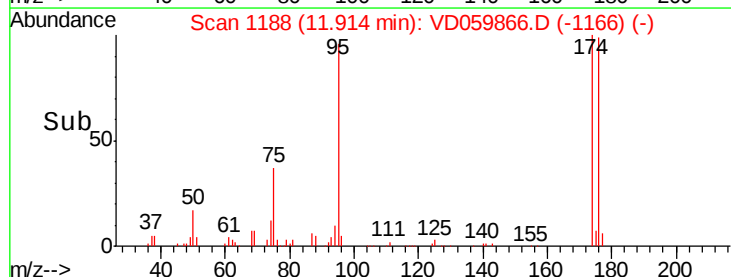
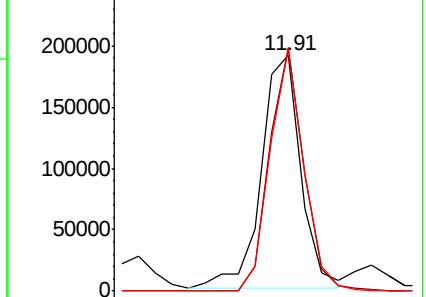
176 102.9 0.0 168.0

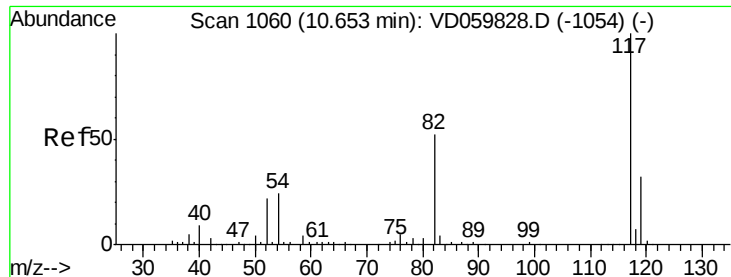


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

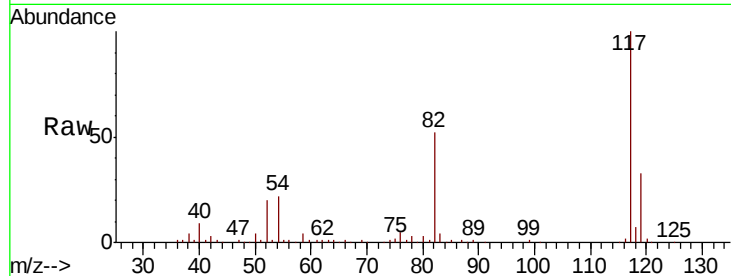




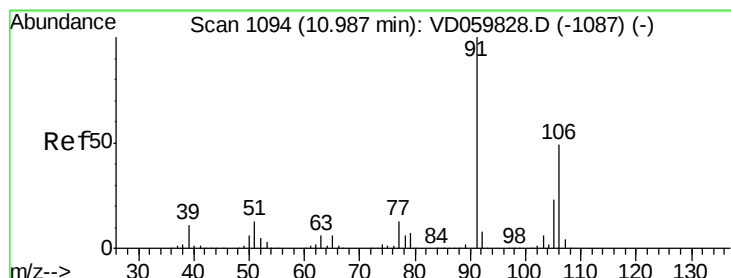
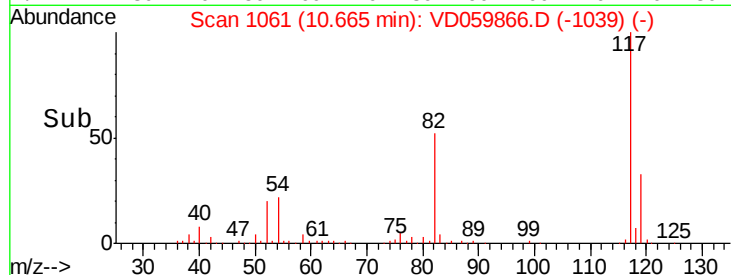
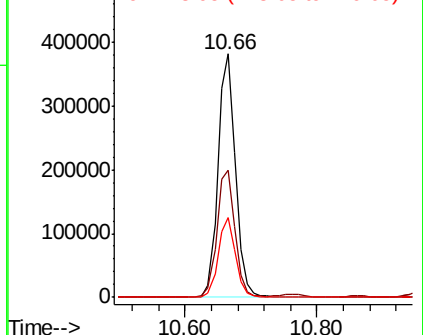
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.66 min Scan# 1061
Delta R.T. 0.01 min
Lab File: VD059866.D
Acq: 21 Aug 2018 20:09

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-WSW-20-049

Tot Ion:117 Resp: 699855
Ion Ratio Lower Upper
117 100
82 52.2 41.6 62.4
119 32.9 25.6 38.4

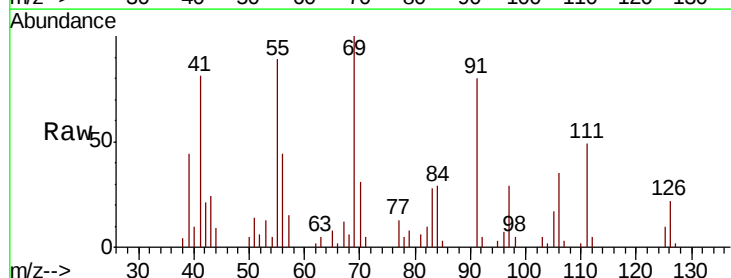


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

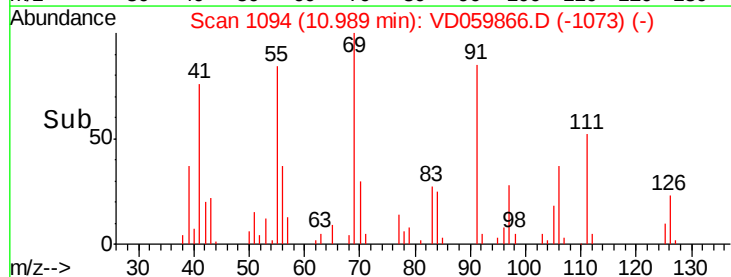
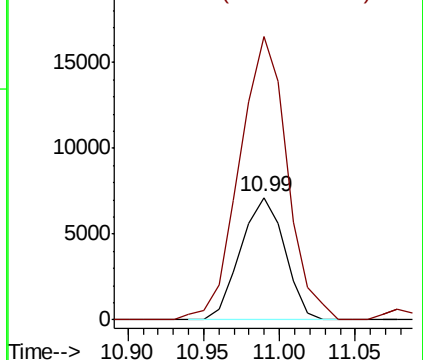


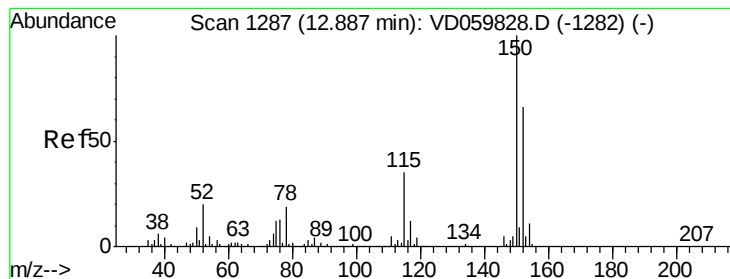
#68
m/p-Xylenes
Concen: 2.01 ug/l
RT: 10.99 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD059866.D
Acq: 21 Aug 2018 20:09

Tgt Ion:106 Resp: 14465
Ion Ratio Lower Upper
106 100
91 231.0 161.8 242.8



Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.89 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VD059866.D

Acq: 21 Aug 2018 20:09

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-WSW-20-049

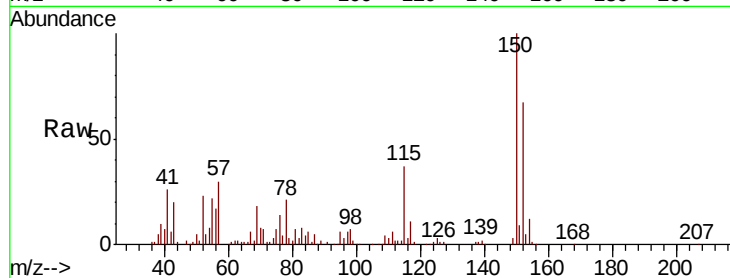
Tot Ion:152 Resp: 238304

Ion Ratio Lower Upper

152 100

115 54.7 26.9 80.6

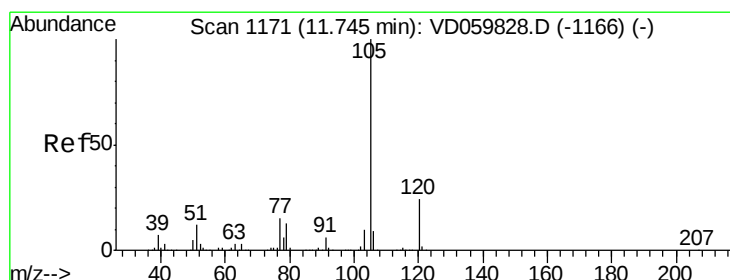
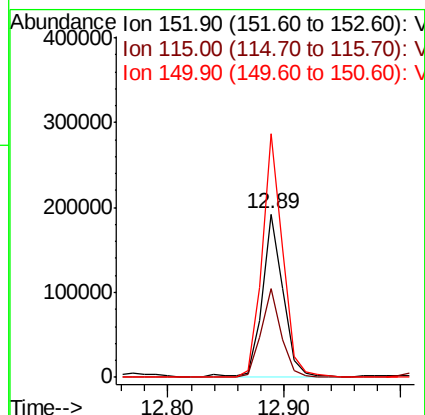
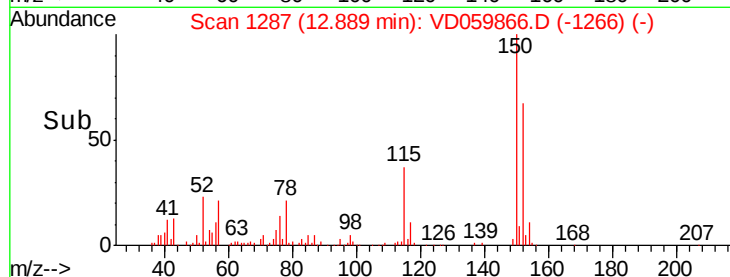
150 149.2 0.0 306.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 4.46 ug/l

RT: 11.76 min Scan# 1172

Delta R.T. 0.01 min

Lab File: VD059866.D

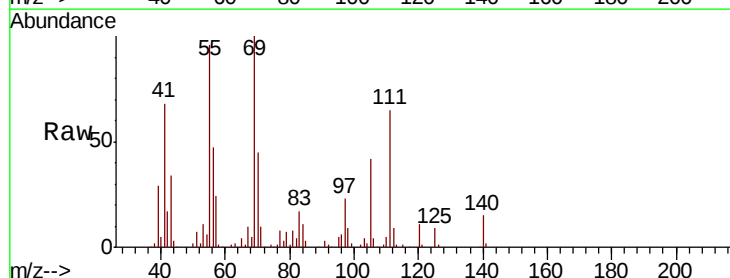
Acq: 21 Aug 2018 20:09

Tgt Ion:105 Resp: 72362

Ion Ratio Lower Upper

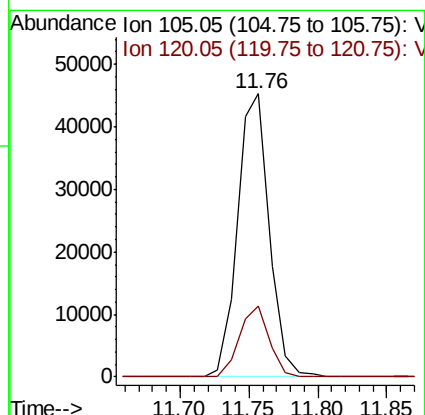
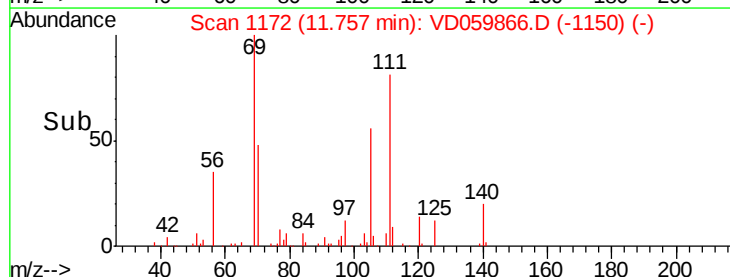
105 100

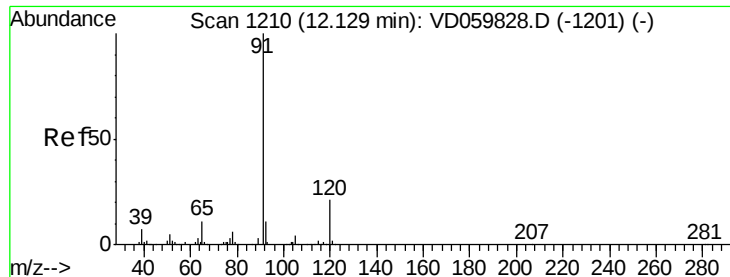
120 25.2 11.9 35.5



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#78

n-propylbenzene

Concen: 1.36 ug/l

RT: 12.13 min Scan# 1210

Delta R.T. 0.00 min

Lab File: VD059866.D

Acq: 21 Aug 2018 20:09

Instrument :

MSVOA_D

ClientSampleId :

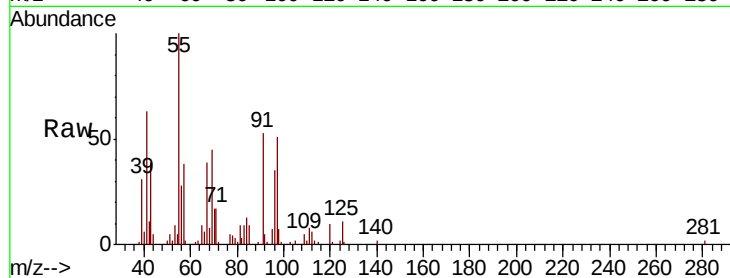
RA-081718-WSW-20-049

Tot Ion: 91 Resp: 27433

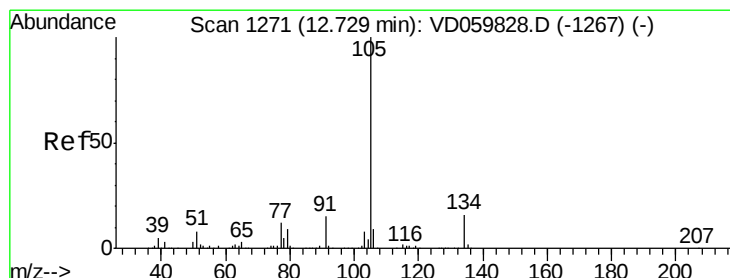
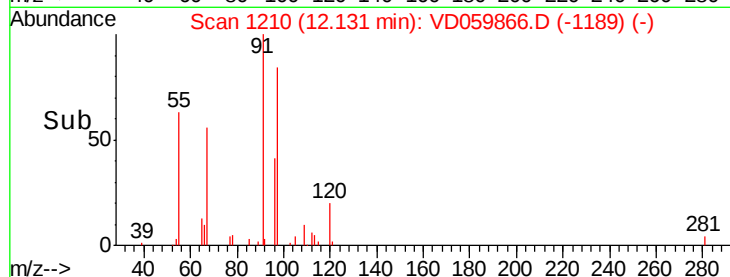
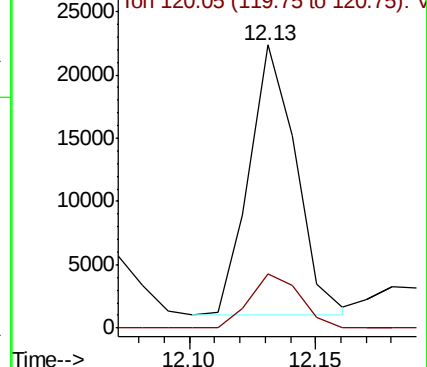
Ion Ratio Lower Upper

91 100

120 19.3 10.5 31.5



Abundance Ion 91.00 (90.70 to 91.70): VD059828.D (-1201) (-)



#85

sec-Butylbenzene

Concen: 7.50 ug/l

RT: 12.74 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VD059866.D

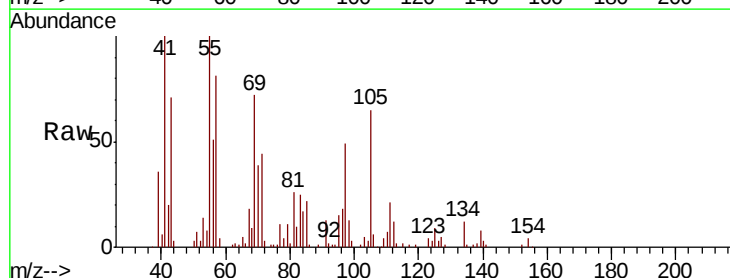
Acq: 21 Aug 2018 20:09

Tgt Ion: 105 Resp: 127401

Ion Ratio Lower Upper

105 100

134 17.7 7.8 23.5



Abundance Ion 105.05 (104.75 to 105.75): VD059828.D (-1267) (-)

