

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058024.D
 Acq On : 8 Jun 2018 18:10
 Operator : VA/AP
 Sample : J3344-05RE
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-YARD-2RE

Quant Time: Jun 09 00:54:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

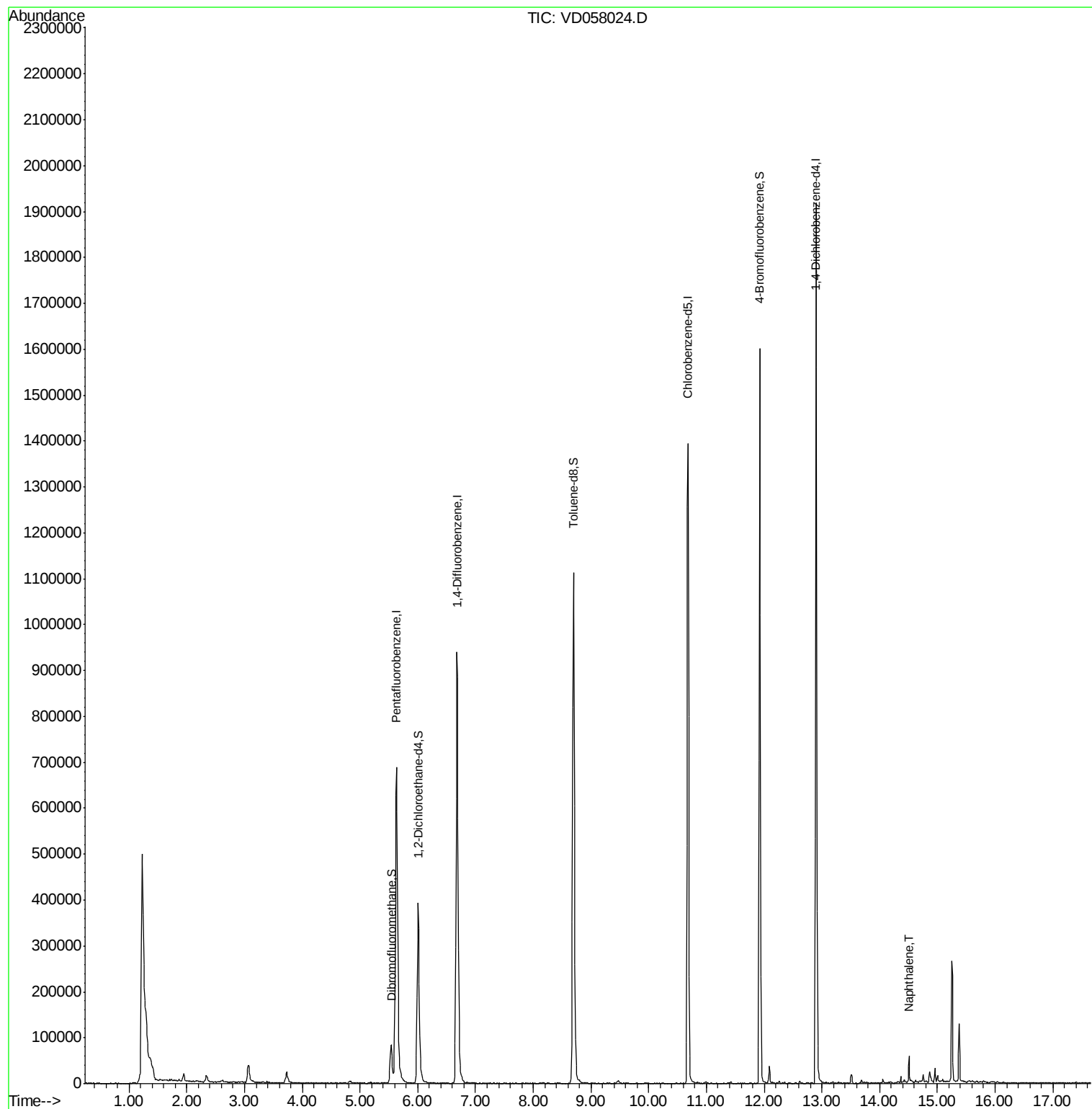
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	717661	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	947698	50.00	ug/l	-0.03
63) Chlorobenzene-d5	10.68	117	783654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	425932	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	389026	54.22	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	108.44%	
35) Dibromofluoromethane	5.54	113	70608	9.63	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	19.26%	
50) Toluene-d8	8.69	98	908102	52.09	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	104.18%	
62) 4-Bromofluorobenzene	11.92	95	401396	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
Target Compounds						
95) Naphthalene	14.51	128	30881	2.25	ug/l	Qvalue 98

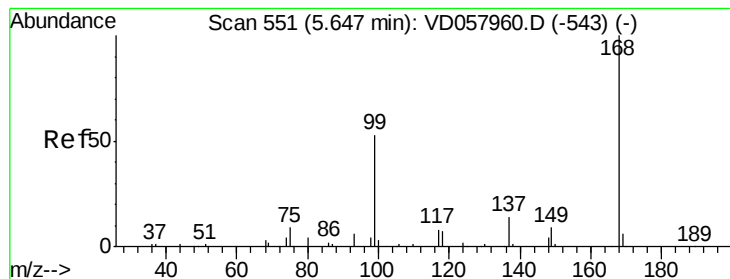
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD058024.D

Acq: 8 Jun 2018 18:10

Instrument :

MSVOA_D

ClientSampleId :

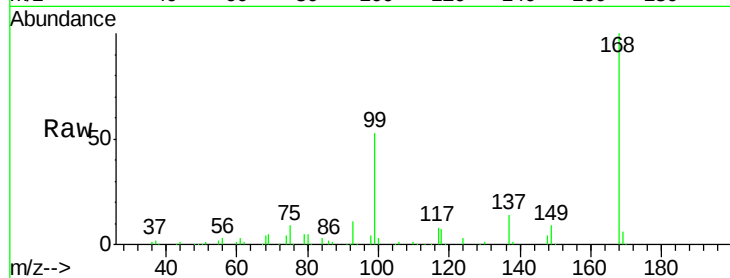
HS-YARD-2RE

Tot Ion:168 Resp: 717661

Ion Ratio Lower Upper

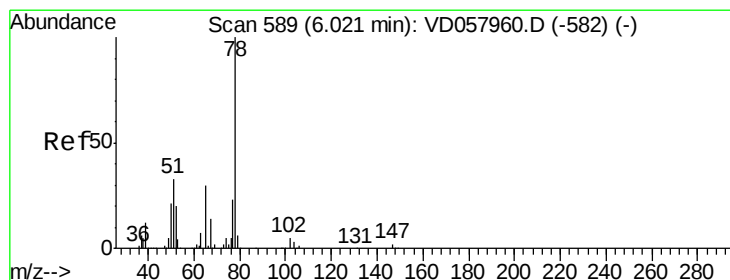
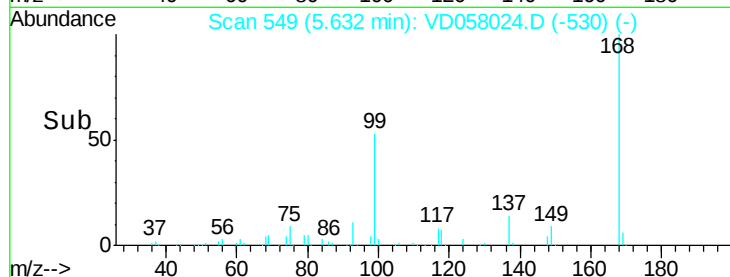
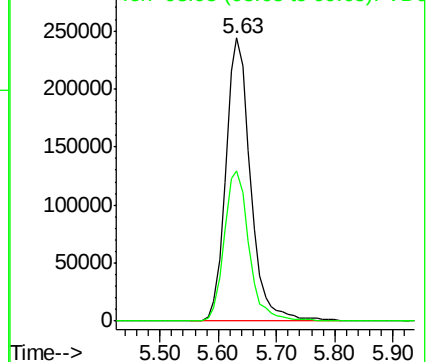
168 100

99 52.9 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.01 min Scan# 587

Delta R.T. -0.02 min

Lab File: VD058024.D

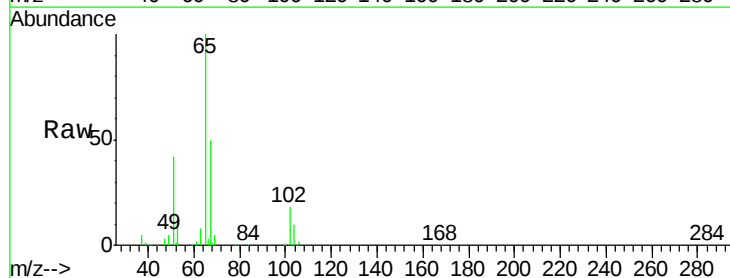
Acq: 8 Jun 2018 18:10

Tgt Ion: 65 Resp: 389026

Ion Ratio Lower Upper

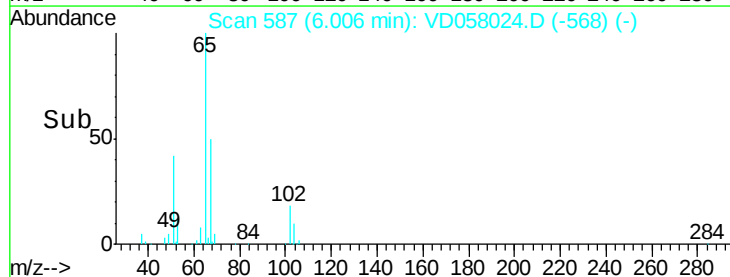
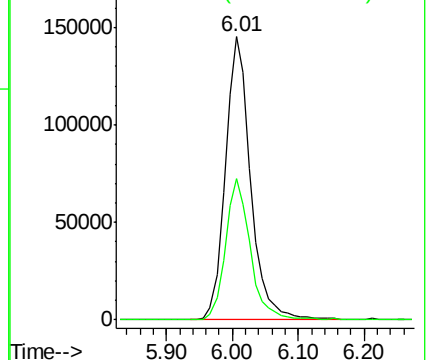
65 100

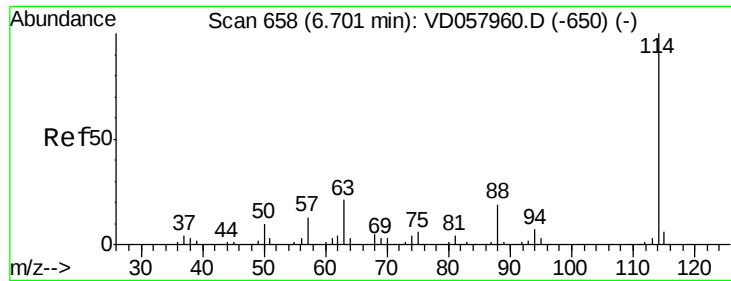
67 49.8 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.68 min Scan# 655

Delta R.T. -0.03 min

Lab File: VD058024.D

Acq: 8 Jun 2018 18:10

Instrument :

MSVOA_D

ClientSampleId :

HS-YARD-2RE

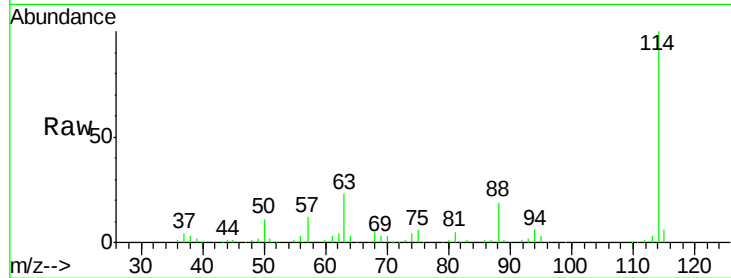
Tot Ion:114 Resp: 947698

Ion Ratio Lower Upper

114 100

63 23.1 0.0 42.8

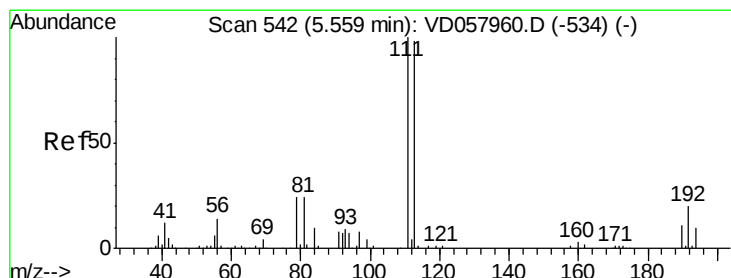
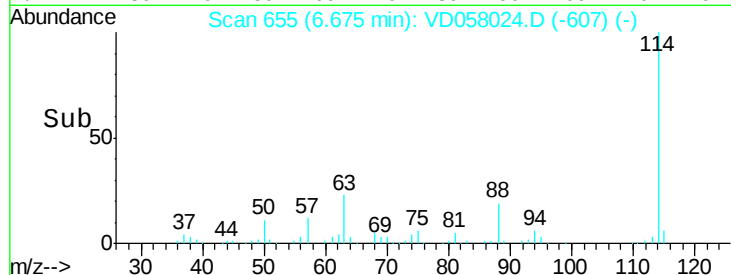
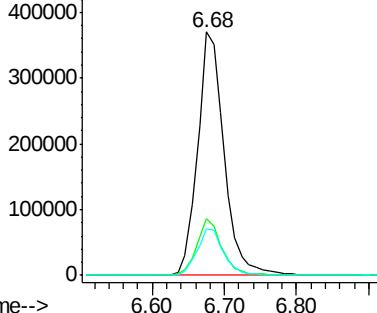
88 19.1 0.0 37.8



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: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD058024.D

Acq: 8 Jun 2018 18:10

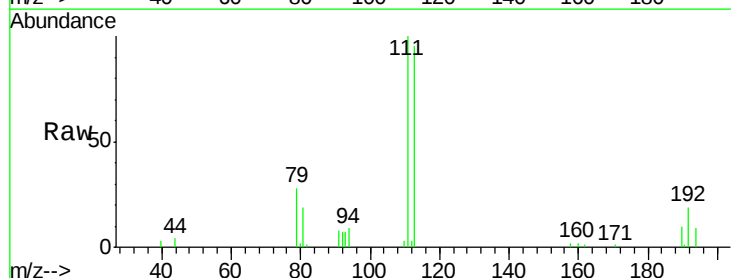
Tgt Ion:113 Resp: 70608

Ion Ratio Lower Upper

113 100

111 104.9 81.5 122.3

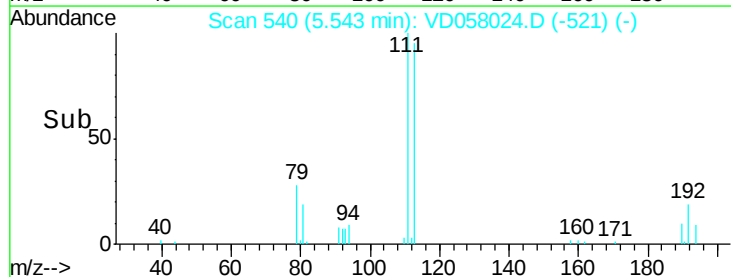
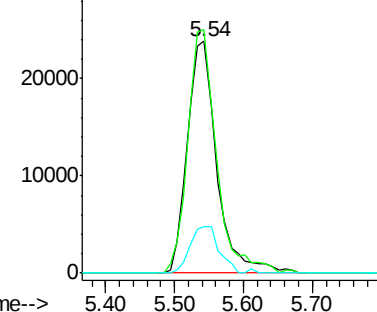
192 20.0 16.4 24.6

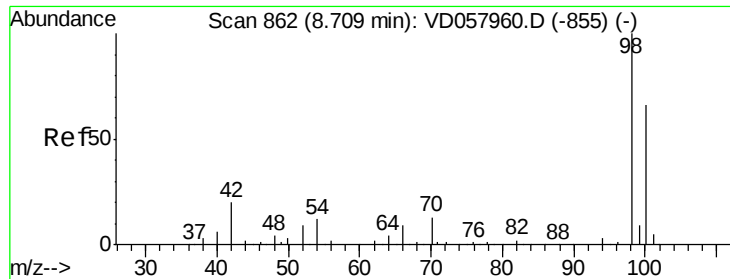


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

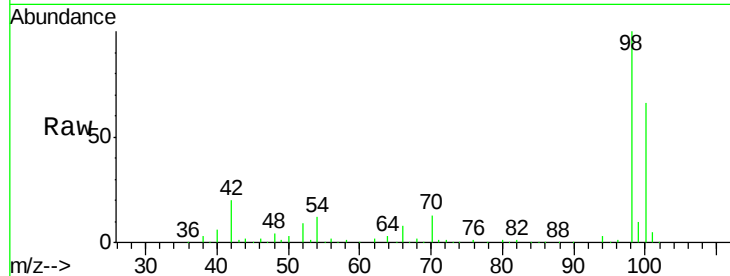




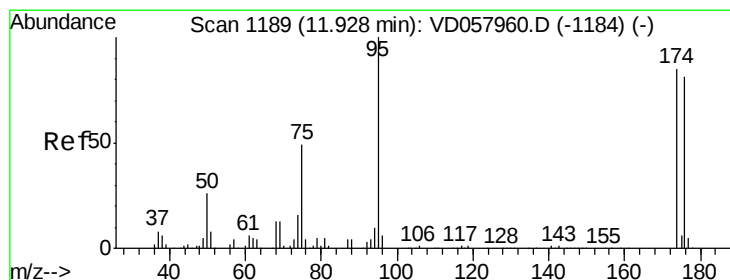
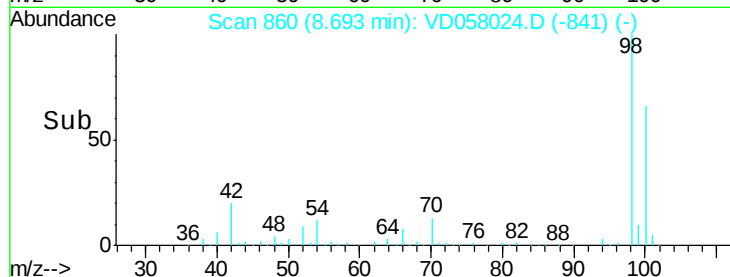
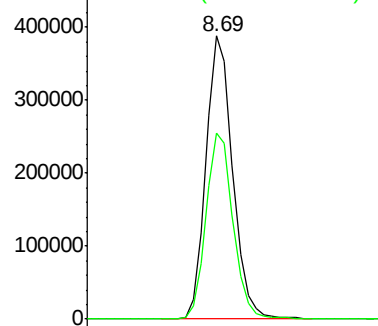
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. -0.02 min
Lab File: VD058024.D
Acq: 8 Jun 2018 18:10

Instrument :
MSVOA_D
ClientSampleId :
HS-YARD-2RE

Tot Ion: 98 Resp: 908102
Ion Ratio Lower Upper
98 100
100 65.7 53.4 80.0

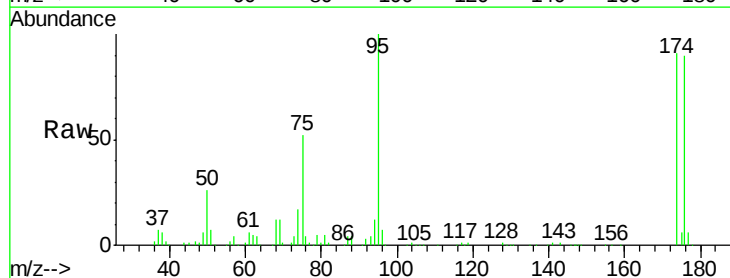


Abundance Ion 98.05 (97.75 to 98.75): VD057960.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD057960.D (-855) (-)

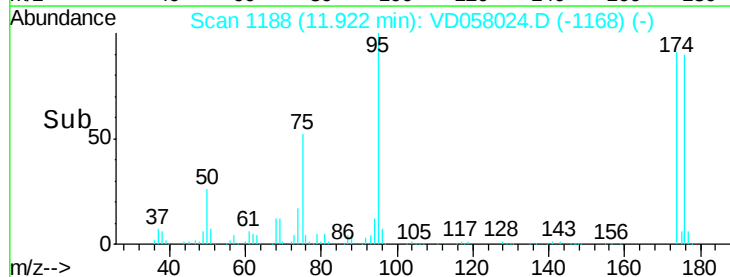
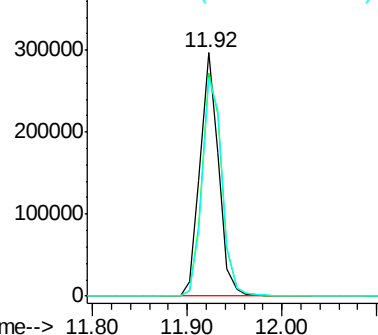


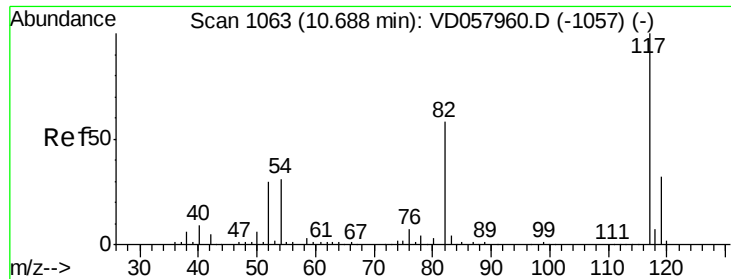
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD058024.D
Acq: 8 Jun 2018 18:10

Tgt Ion: 95 Resp: 401396
Ion Ratio Lower Upper
95 100
174 91.5 0.0 169.4
176 89.7 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): VD057960.D (-1184) (-)
Ion 173.90 (173.60 to 174.60): VD057960.D (-1184) (-)
Ion 175.90 (175.60 to 176.60): VD057960.D (-1184) (-)

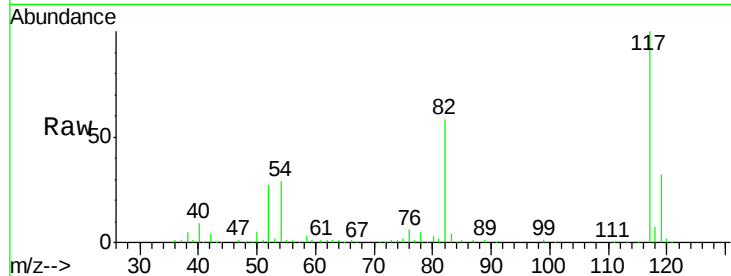




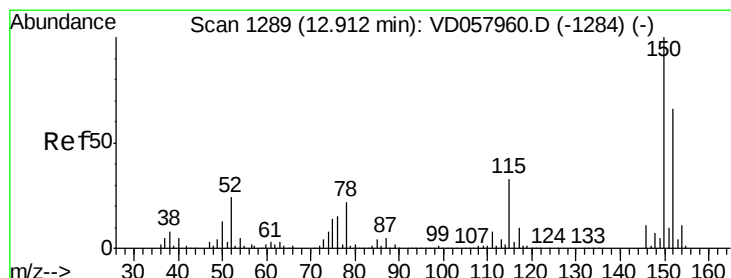
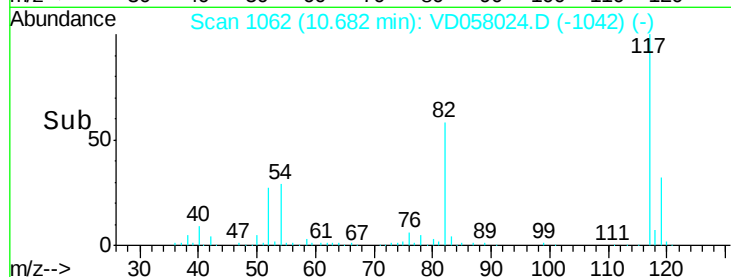
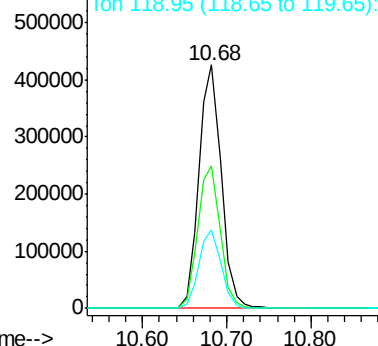
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD058024.D
Acq: 8 Jun 2018 18:10

Instrument :
MSVOA_D
ClientSampleId :
HS-YARD-2RE

Tot Ion:117 Resp: 783654
Ion Ratio Lower Upper
117 100
82 58.3 46.8 70.2
119 32.5 25.8 38.6

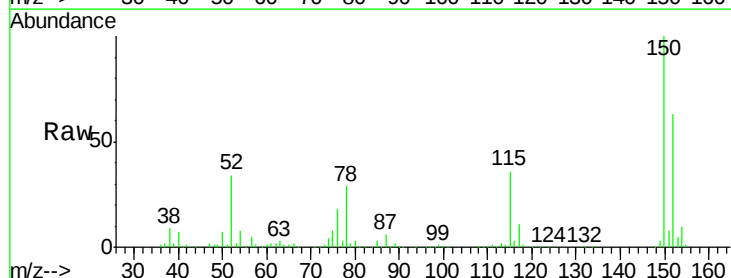


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

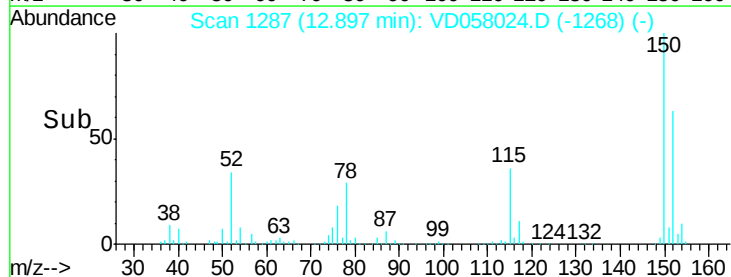
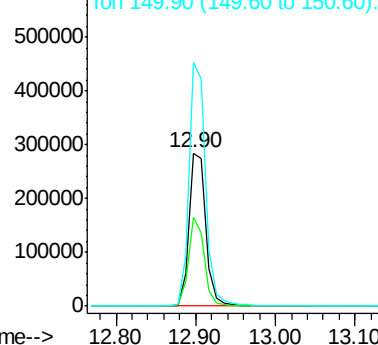


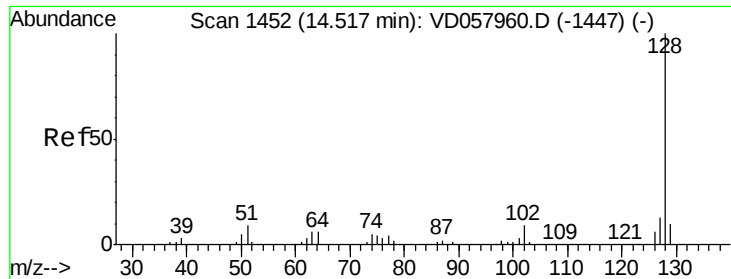
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1287
Delta R.T. -0.02 min
Lab File: VD058024.D
Acq: 8 Jun 2018 18:10

Tgt Ion:152 Resp: 425932
Ion Ratio Lower Upper
152 100
115 57.6 25.6 76.6
150 158.8 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

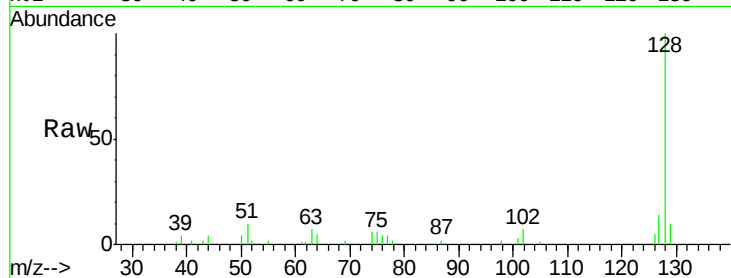




#95
 Naphthalene
 Concen: 2.25 ug/l
 RT: 14.51 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: VD058024.D
 Acq: 8 Jun 2018 18:10

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-YARD-2RE

Tot Ion:128 Resp: 30881
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.2 15.2
 129 10.0 8.2 12.2



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

