

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058023.D
 Acq On : 8 Jun 2018 17:41
 Operator : VA/AP
 Sample : J3344-01RE
 Misc : 5.12g/5ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-YARD-1RE

Quant Time: Jun 09 00:49:19 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

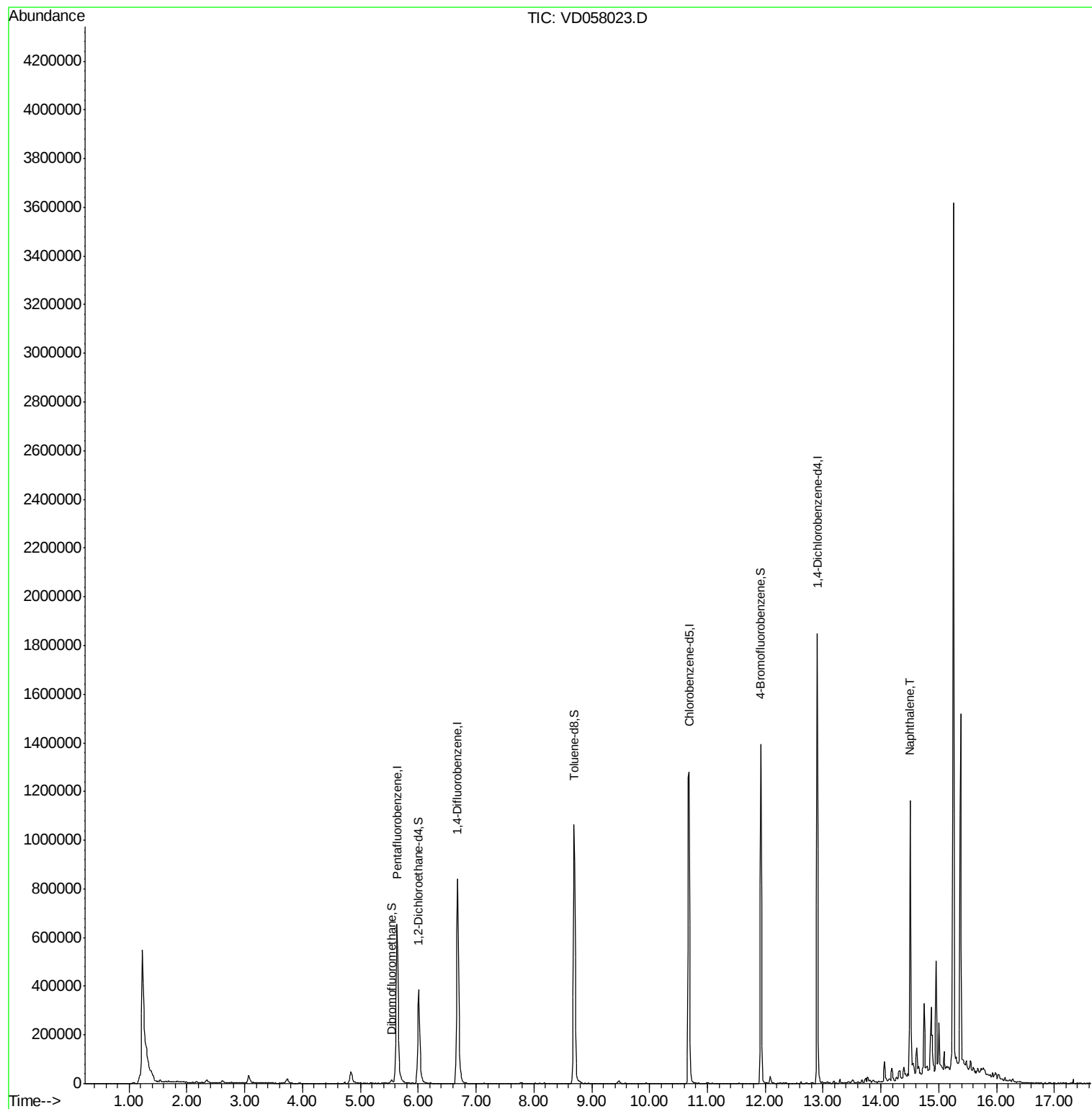
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	658781	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.69	114	884212	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	729908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	362880	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	383986	58.30	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	116.60%	
35) Dibromofluoromethane	5.54	113	13315	1.95	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	3.90%	
50) Toluene-d8	8.70	98	839454	51.61	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	11.92	95	355959	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
Target Compounds						
95) Naphthalene	14.51	128	705555	60.22	ug/l	Qvalue 98

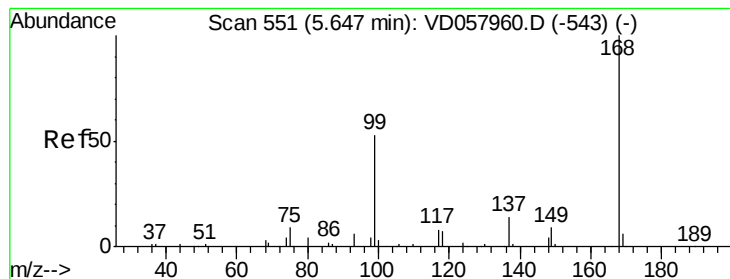
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.01 min

Lab File: VD058023.D

Acq: 8 Jun 2018 17:41

Instrument :

MSVOA_D

ClientSampleId :

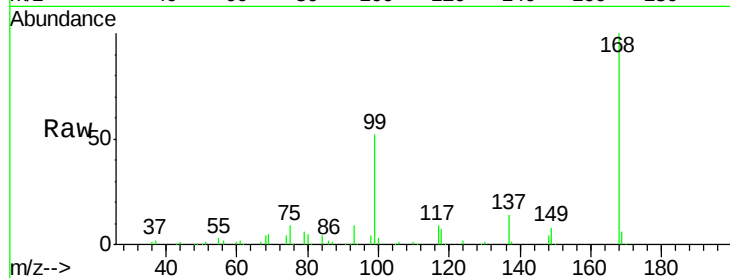
HS-YARD-1RE

Tot Ion:168 Resp: 658781

Ion Ratio Lower Upper

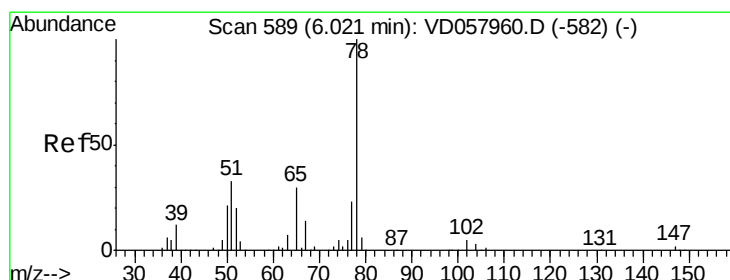
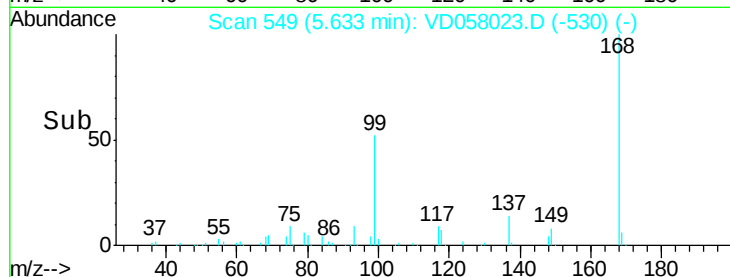
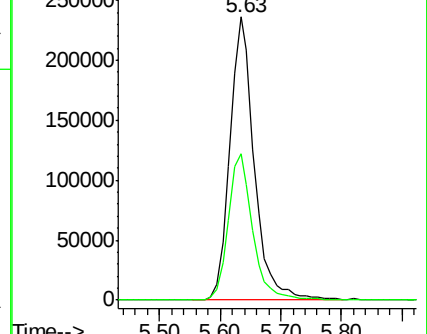
168 100

99 51.6 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: N.D. ug/l

RT: 6.01 min Scan# 587

Delta R.T. -0.01 min

Lab File: VD058023.D

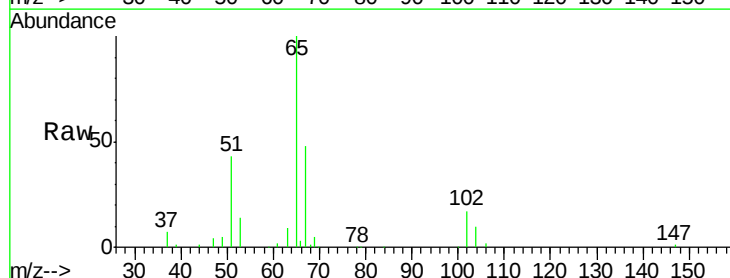
Acq: 8 Jun 2018 17:41

Tgt Ion: 65 Resp: 383986

Ion Ratio Lower Upper

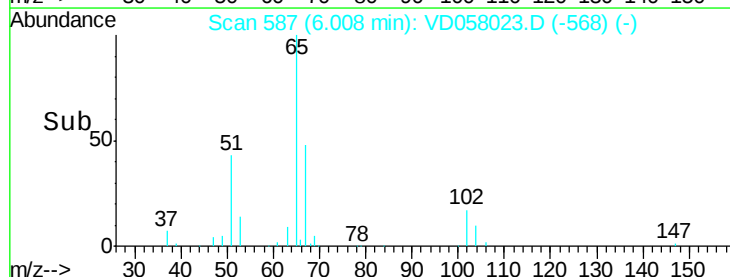
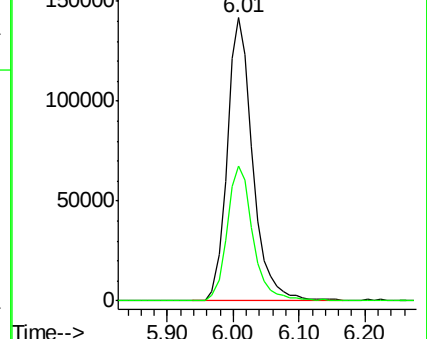
65 100

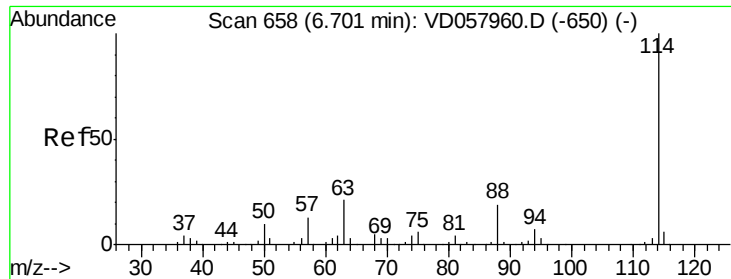
67 47.7 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

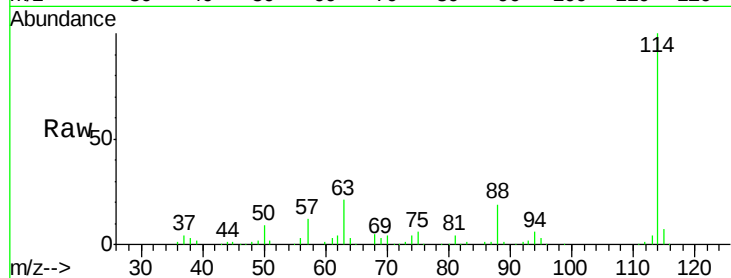




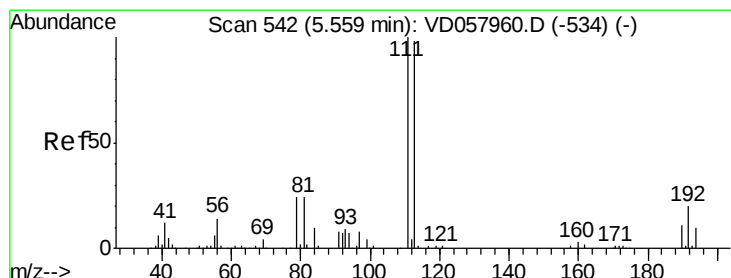
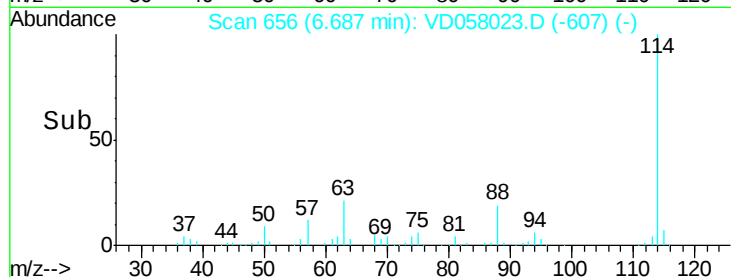
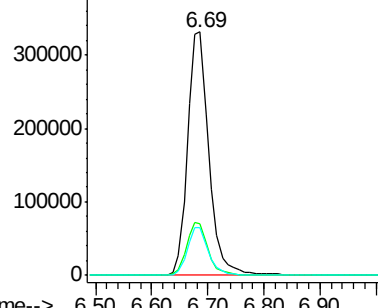
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VD058023.D
 Acq: 8 Jun 2018 17:41

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-YARD-1RE

Tot Ion:114 Resp: 884212
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.8
 88 19.4 0.0 37.8

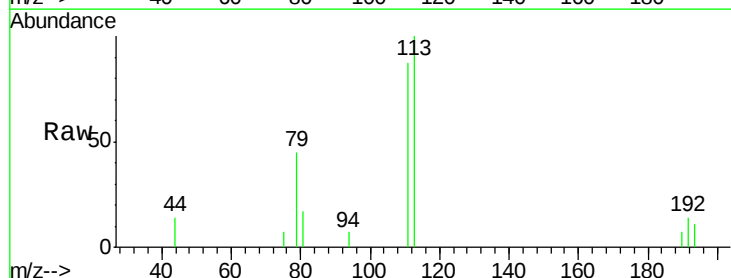


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

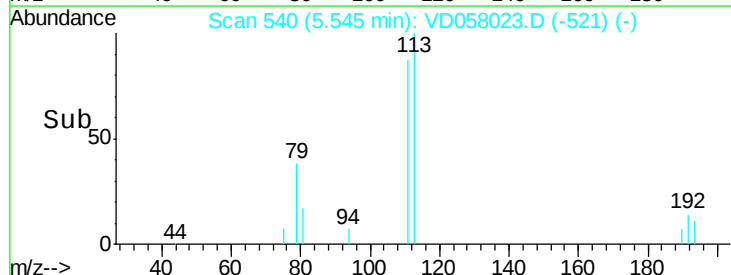
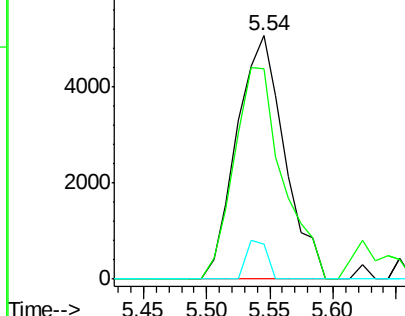


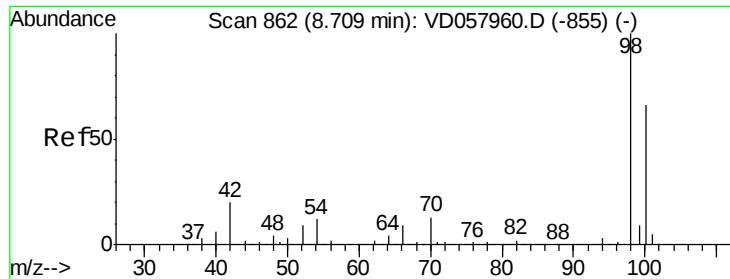
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: VD058023.D
 Acq: 8 Jun 2018 17:41

Tgt Ion:113 Resp: 13315
 Ion Ratio Lower Upper
 113 100
 111 86.5 81.5 122.3
 192 14.2 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

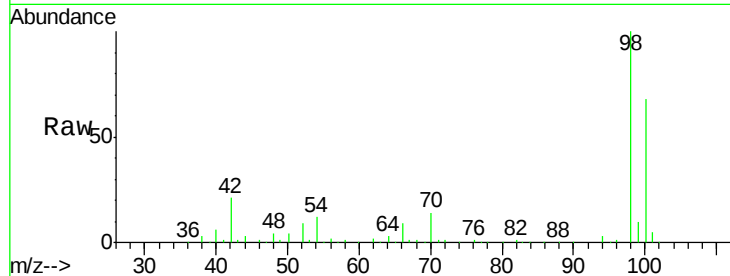




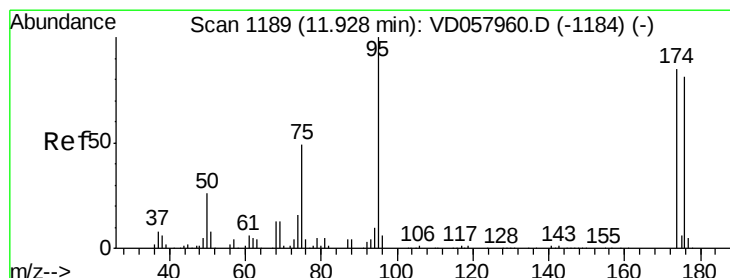
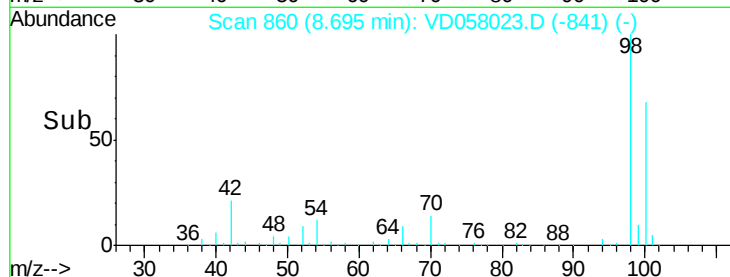
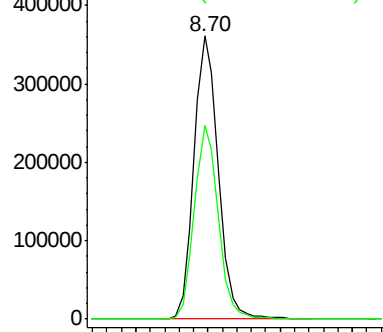
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 860
Delta R.T. -0.01 min
Lab File: VD058023.D
Acq: 8 Jun 2018 17:41

Instrument :
MSVOA_D
ClientSampleId :
HS-YARD-1RE

Tot Ion: 98 Resp: 839454
Ion Ratio Lower Upper
98 100
100 68.5 53.4 80.0

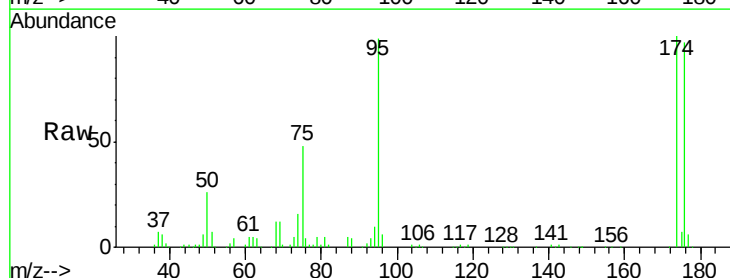


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

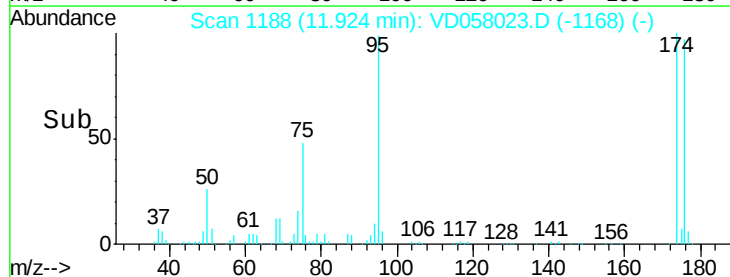
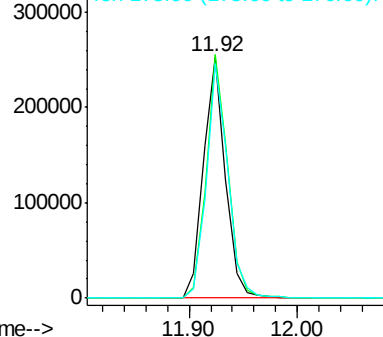


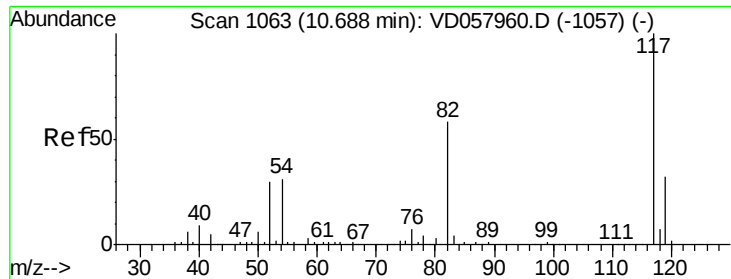
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VD058023.D
Acq: 8 Jun 2018 17:41

Tgt Ion: 95 Resp: 355959
Ion Ratio Lower Upper
95 100
174 100.8 0.0 169.4
176 97.4 0.0 162.6



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

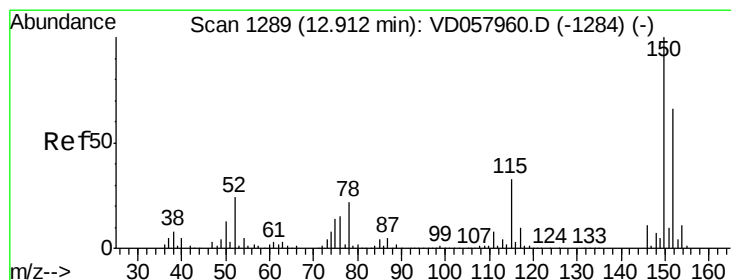
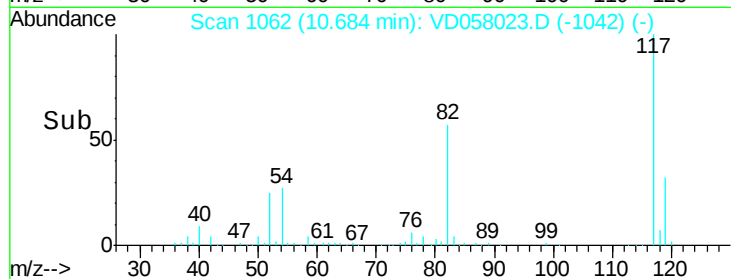
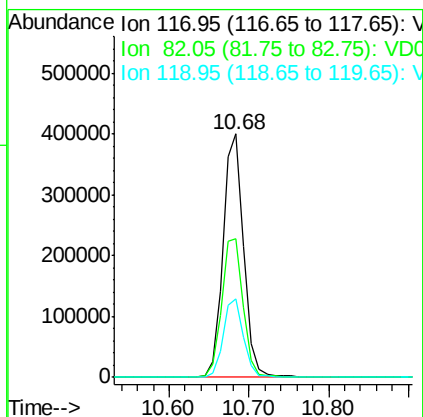
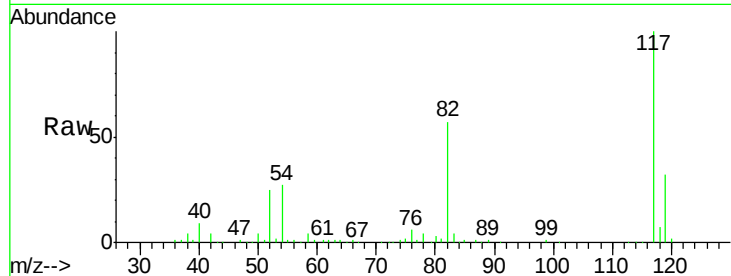




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.00 min
Lab File: VD058023.D
Acq: 8 Jun 2018 17:41

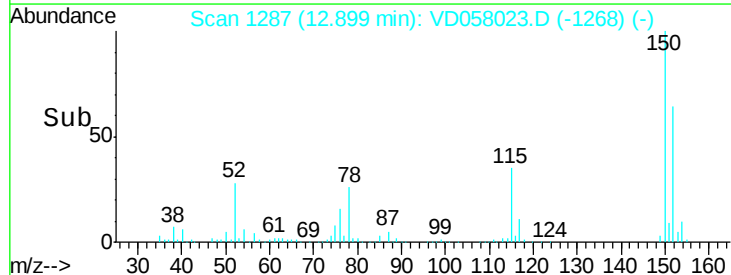
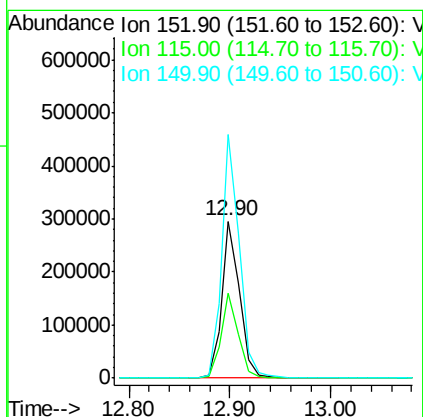
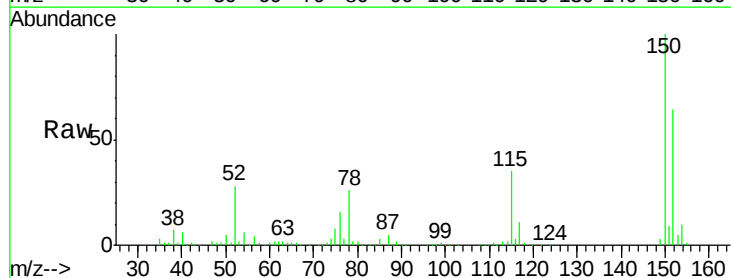
Instrument :
MSVOA_D
ClientSampleId :
HS-YARD-1RE

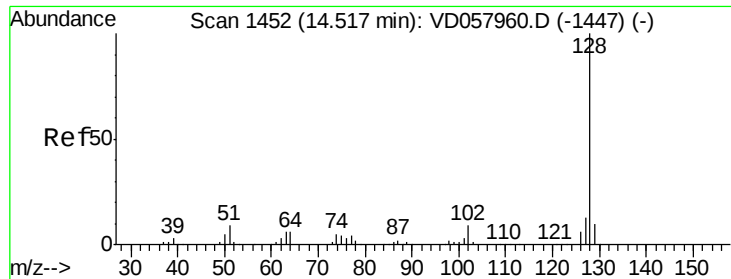
Tot Ion:117 Resp: 729908
Ion Ratio Lower Upper
117 100
82 56.9 46.8 70.2
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VD058023.D
Acq: 8 Jun 2018 17:41

Tgt Ion:152 Resp: 362880
Ion Ratio Lower Upper
152 100
115 54.4 25.6 76.6
150 155.1 0.0 306.8

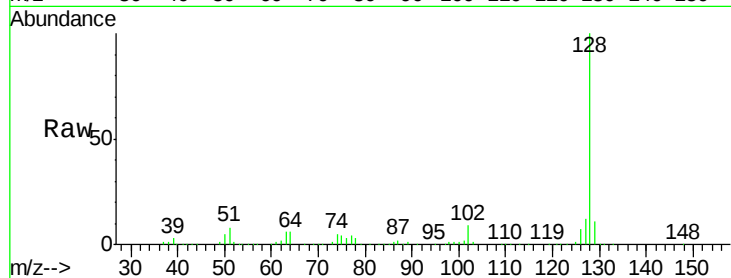




#95
 Naphthalene
 Concen: 60.22 ug/l
 RT: 14.51 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: VD058023.D
 Acq: 8 Jun 2018 17:41

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-YARD-1RE

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.2	15.2
129	11.1	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

