

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081618\
 Data File : VD059814.D
 Acq On : 16 Aug 2018 16:50
 Operator : VA/AP
 Sample : J4460-09
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081018-FL-009

Quant Time: Aug 17 06:06:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 16:08:23 2018
 Response via : Initial Calibration

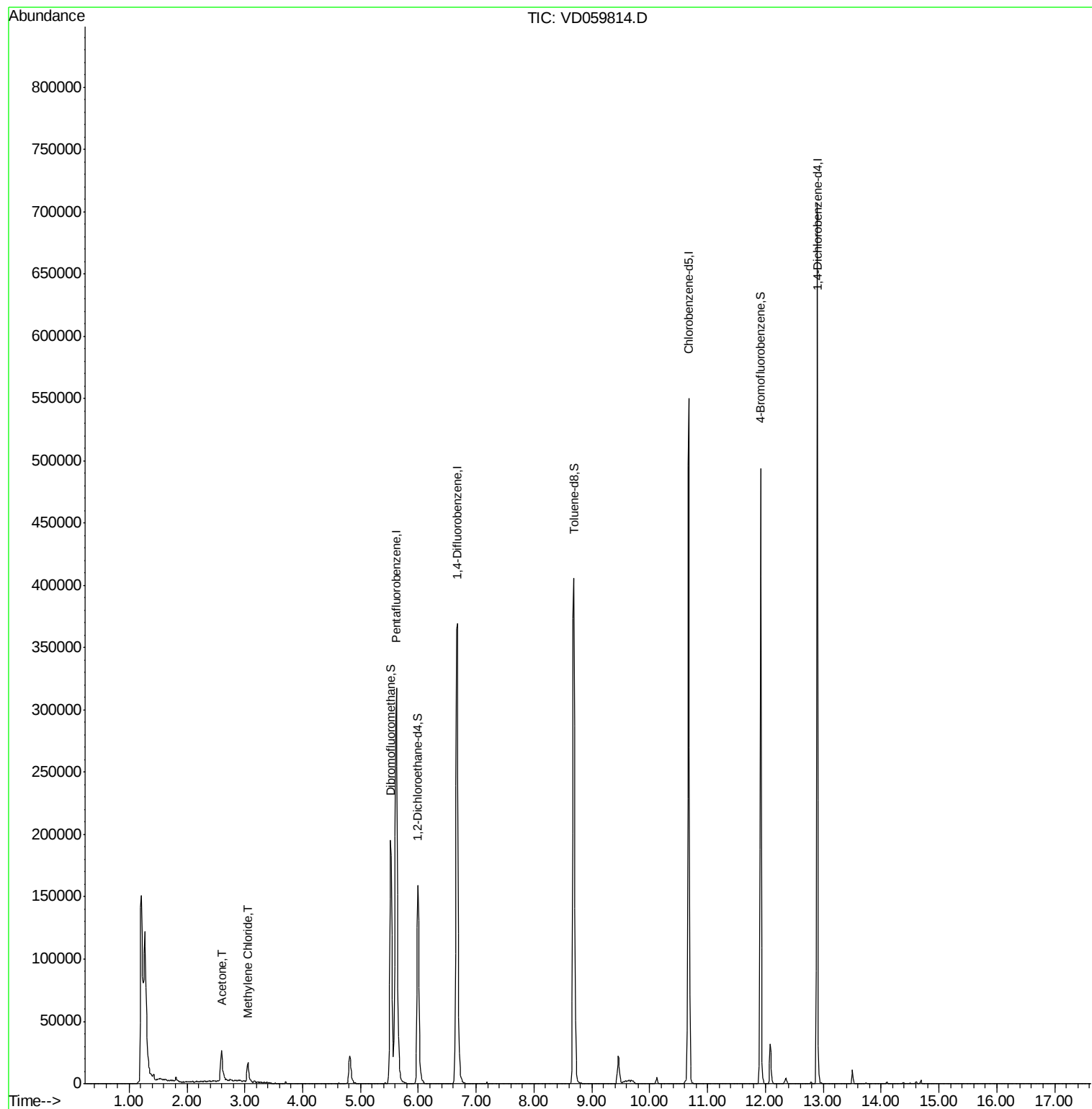
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	289490	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.67	114	365589	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	286592	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	147771	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.99	65	174271	46.85	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.70%	
35) Dibromofluoromethane	5.52	113	155225	48.72	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.44%	
50) Toluene-d8	8.69	98	318322	42.18	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	84.36%	
62) 4-Bromofluorobenzene	11.91	95	137371	40.64	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	81.28%	
Target Compounds						
16) Acetone	2.59	43	47252	80.50	ug/l	92
20) Methylene Chloride	3.04	84	7974	2.04	ug/l	90

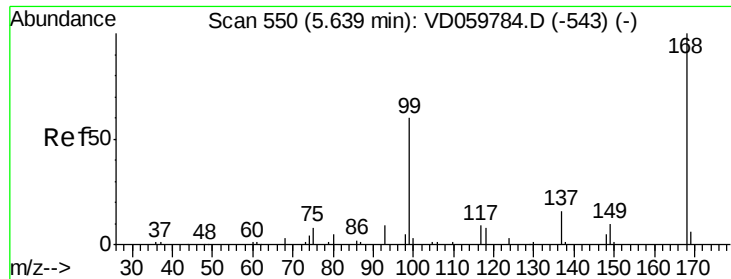
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 15 16:08:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.62 min Scan# 548

Delta R.T. -0.02 min

Lab File: VD059814.D

Acq: 16 Aug 2018 16:50

Instrument :

MSVOA_D

ClientSampleId :

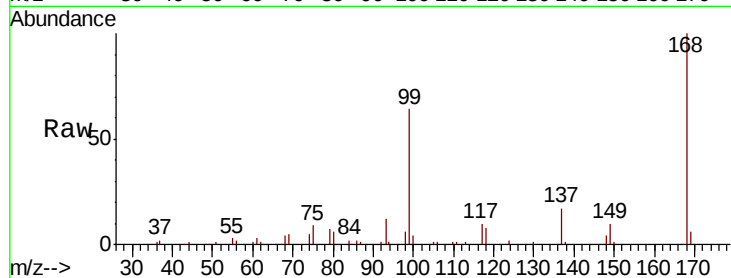
RA-081018-FL-009

Tot Ion:168 Resp: 289490

Ion Ratio Lower Upper

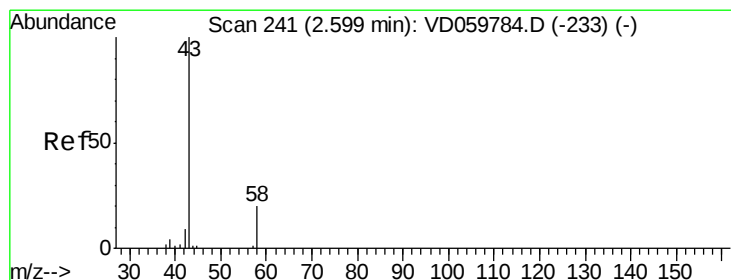
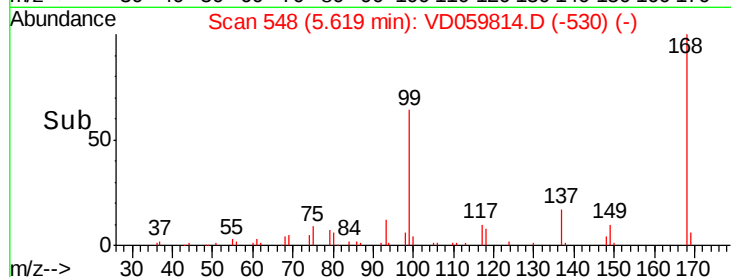
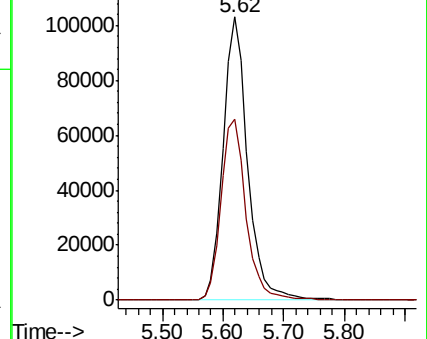
168 100

99 64.0 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 80.50 ug/l

RT: 2.59 min Scan# 240

Delta R.T. -0.01 min

Lab File: VD059814.D

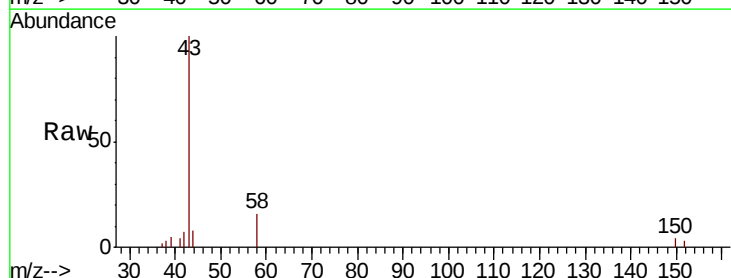
Acq: 16 Aug 2018 16:50

Tgt Ion: 43 Resp: 47252

Ion Ratio Lower Upper

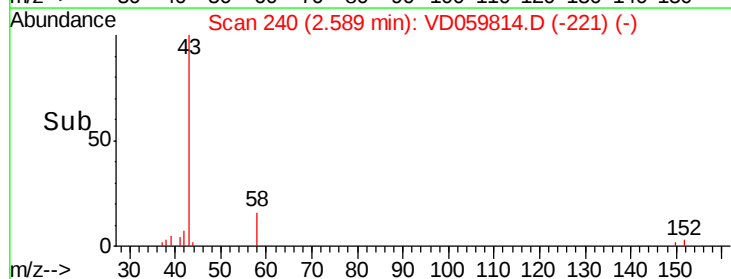
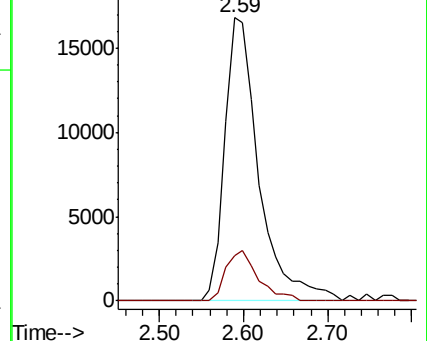
43 100

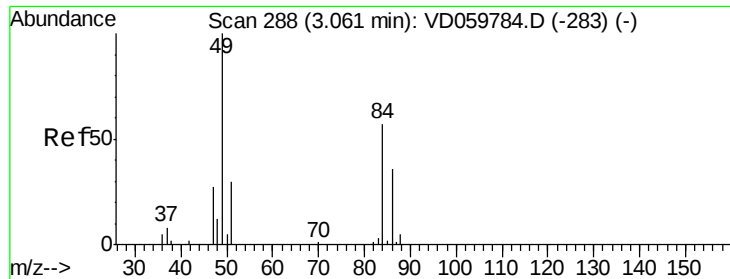
58 16.0 15.7 23.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

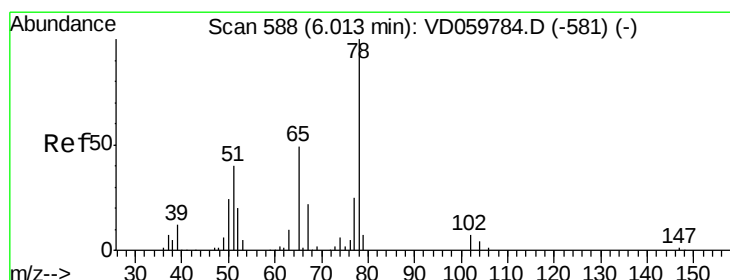
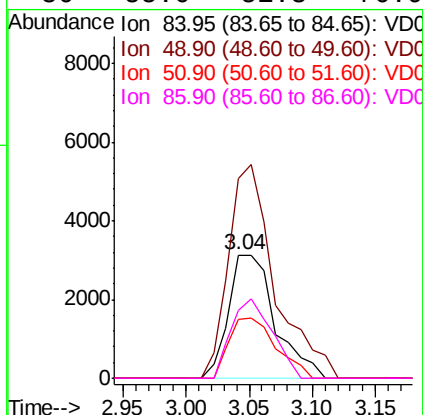
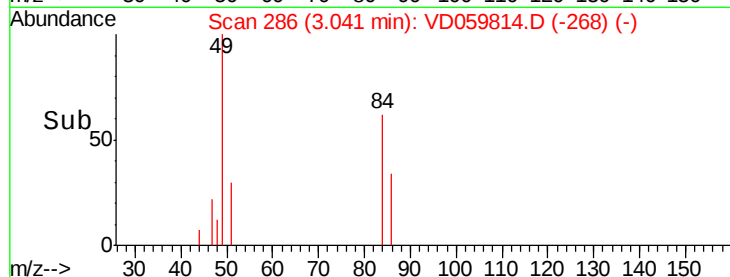
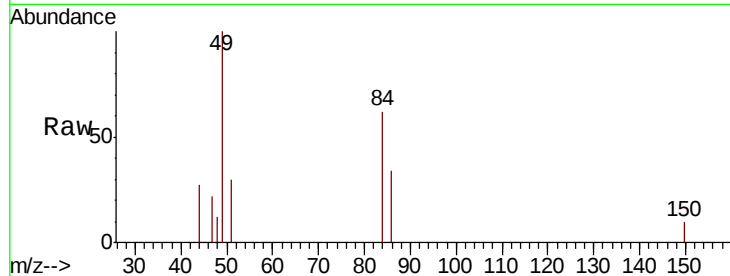




#20
Methylene Chloride
Concen: 2.04 ug/l
RT: 3.04 min Scan# 286
Delta R.T. -0.02 min
Lab File: VD059814.D
Acq: 16 Aug 2018 16:50

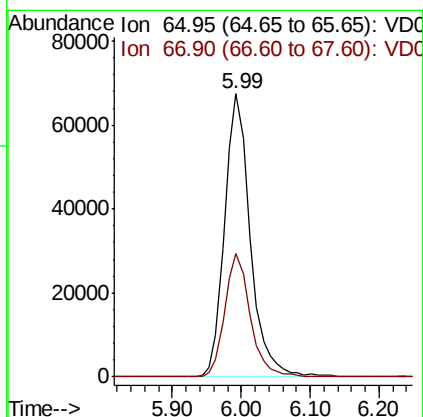
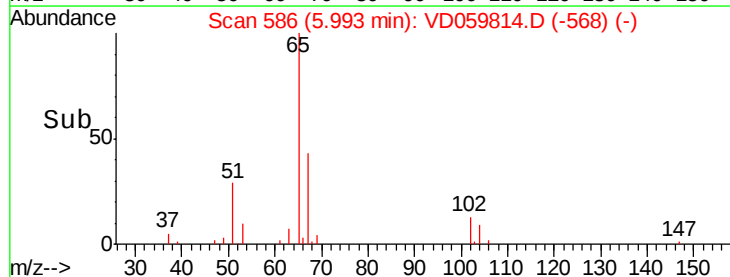
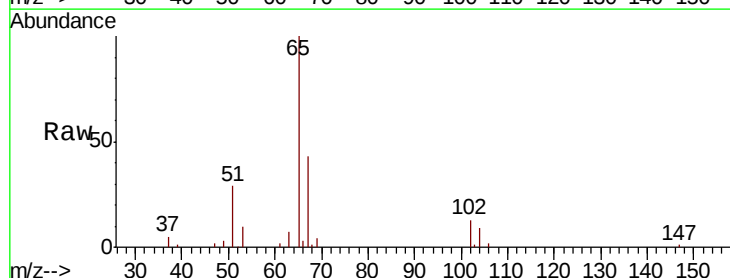
Instrument :
MSVOA_D
ClientSampleId :
RA-081018-FL-009

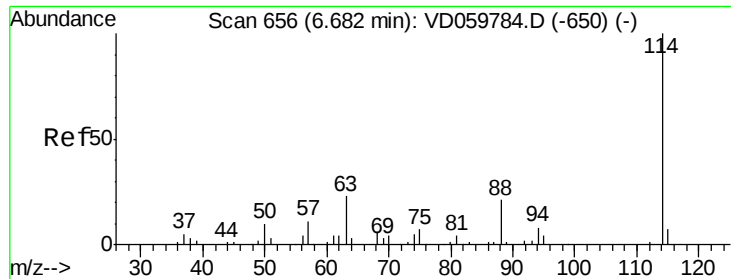
Tot Ion:	84	Resp:	7974
Ion	Ratio	Lower	Upper
84	100		
49	161.7	140.9	211.3
51	48.2	42.8	64.2
86	55.0	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 5.99 min Scan# 586
Delta R.T. -0.02 min
Lab File: VD059814.D
Acq: 16 Aug 2018 16:50

Tgt Ion:	65	Resp:	174271
Ion	Ratio	Lower	Upper
65	100		
67	43.4	0.0	87.8

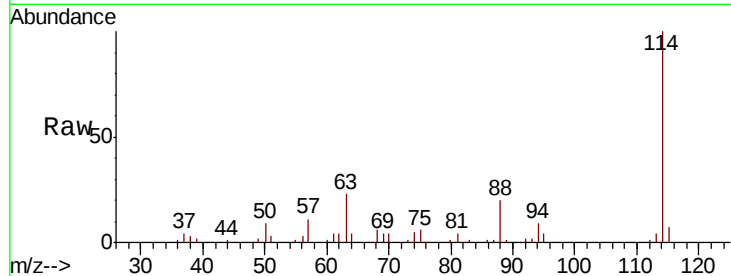




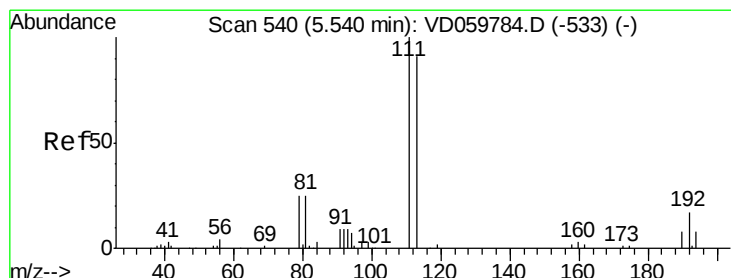
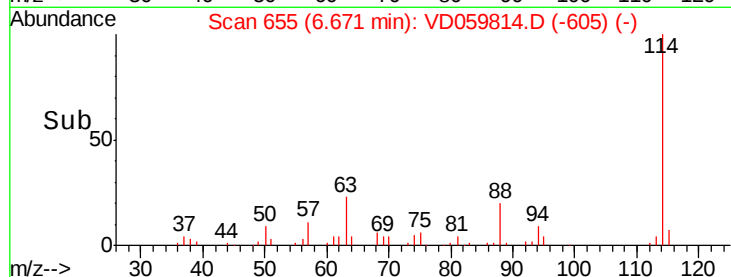
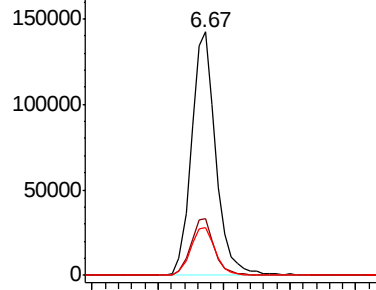
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: VD059814.D
 Acq: 16 Aug 2018 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081018-FL-009

Tot Ion:114 Resp: 365589
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.0
 88 19.8 0.0 41.2

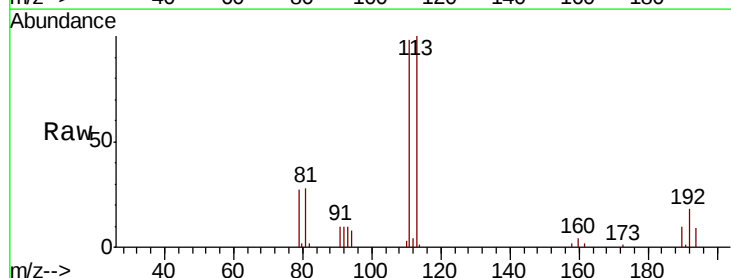


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

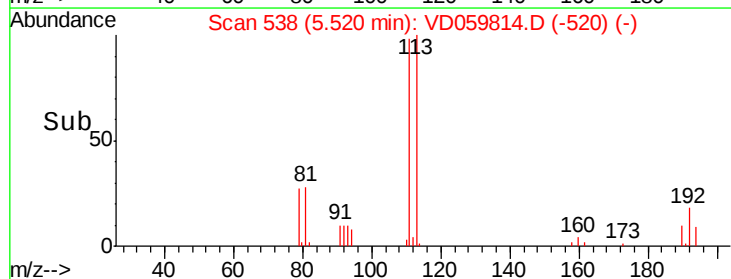
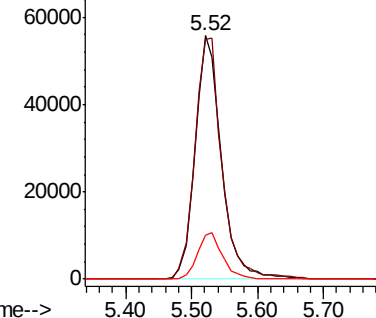


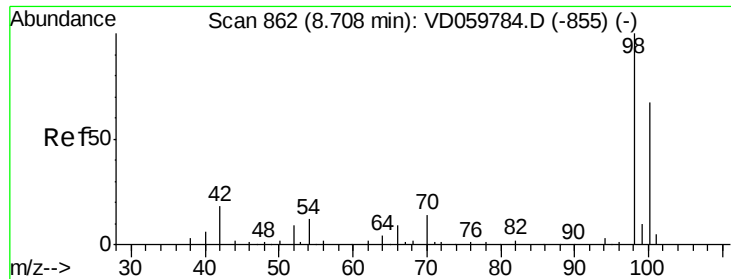
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: VD059814.D
 Acq: 16 Aug 2018 16:50

Tgt Ion:113 Resp: 155225
 Ion Ratio Lower Upper
 113 100
 111 98.3 87.7 131.5
 192 18.3 14.6 21.8



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

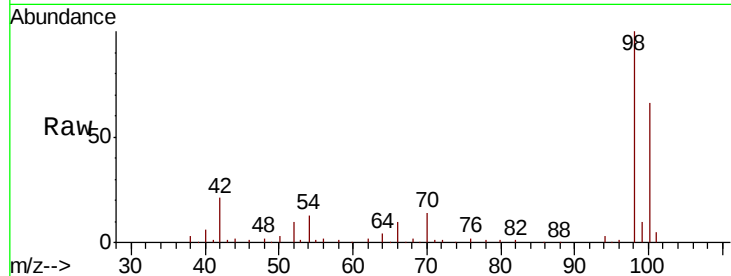




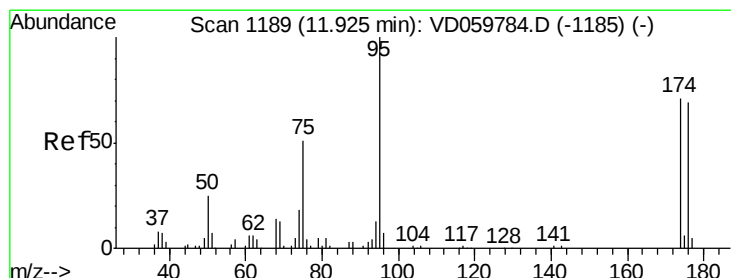
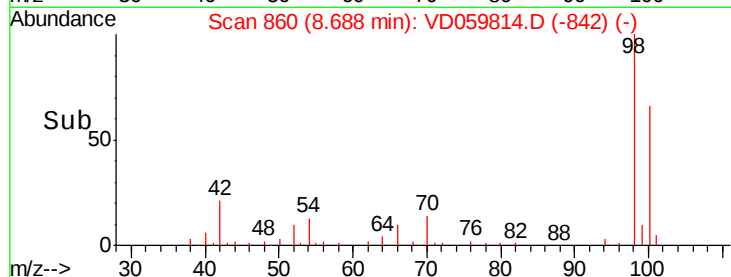
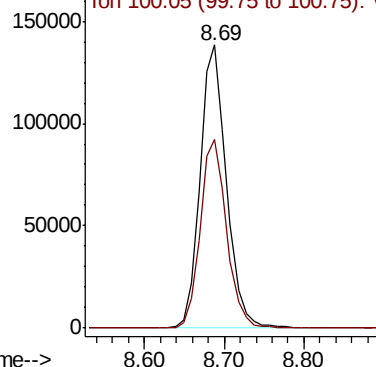
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. -0.02 min
Lab File: VD059814.D
Acq: 16 Aug 2018 16:50

Instrument :
MSVOA_D
ClientSampleId :
RA-081018-FL-009

Tot Ion: 98 Resp: 318322
Ion Ratio Lower Upper
98 100
100 66.4 54.2 81.4

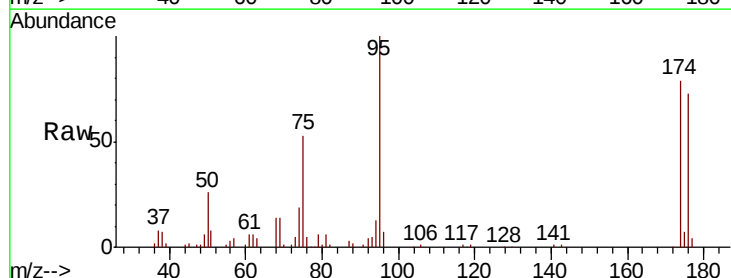


Abundance Ion 98.05 (97.75 to 98.75): VD059784.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD059784.D (-855) (-)

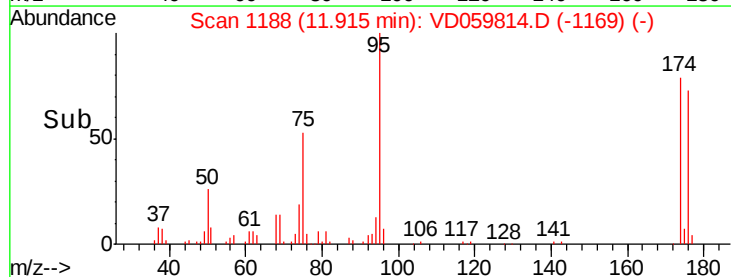
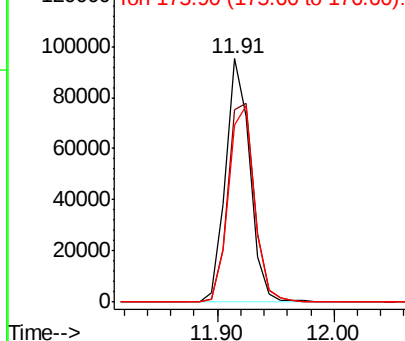


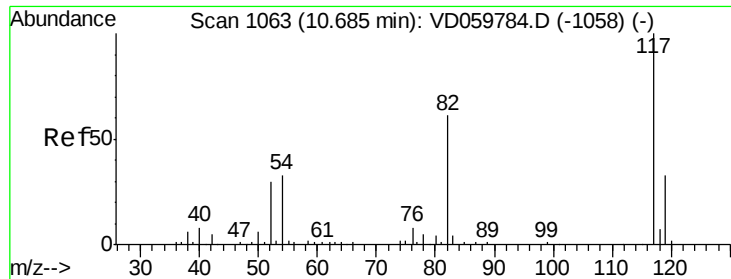
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.91 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD059814.D
Acq: 16 Aug 2018 16:50

Tgt Ion: 95 Resp: 137371
Ion Ratio Lower Upper
95 100
174 78.9 0.0 142.2
176 72.8 0.0 137.4



Abundance Ion 95.00 (94.70 to 95.70): VD059784.D (-1185) (-)
Ion 173.90 (173.60 to 174.60): VD059784.D (-1185) (-)
Ion 175.90 (175.60 to 176.60): VD059784.D (-1185) (-)





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.68 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VD059814.D

Acq: 16 Aug 2018 16:50

Instrument :

MSVOA_D

ClientSampleId :

RA-081018-FL-009

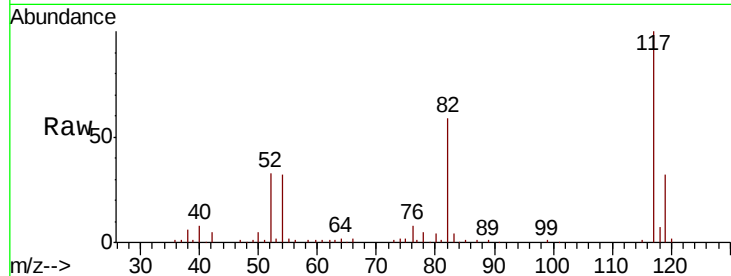
Tot Ion:117 Resp: 286592

Ion Ratio Lower Upper

117 100

82 59.0 49.0 73.6

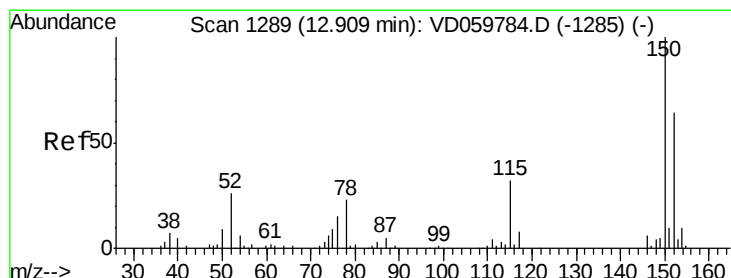
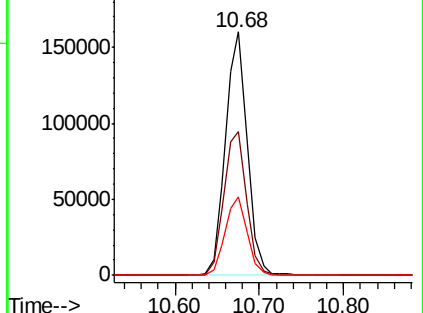
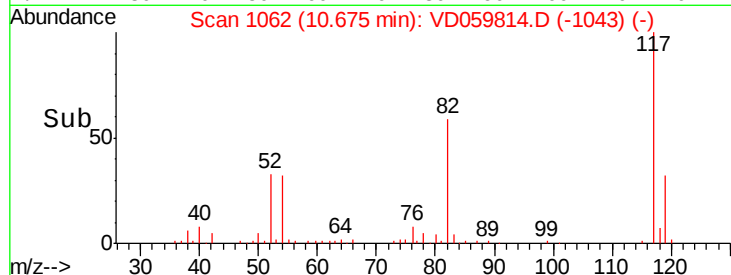
119 32.0 26.2 39.2



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# 1288

Delta R.T. -0.01 min

Lab File: VD059814.D

Acq: 16 Aug 2018 16:50

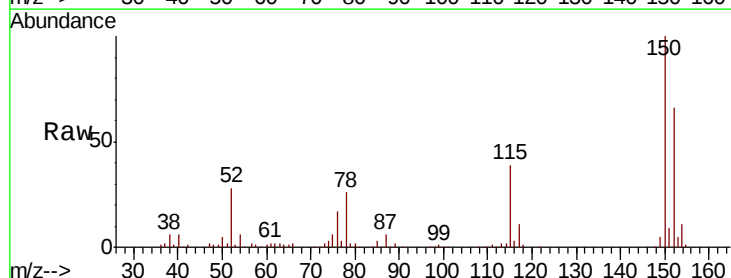
Tgt Ion:152 Resp: 147771

Ion Ratio Lower Upper

152 100

115 58.3 27.2 81.5

150 151.2 0.0 312.4



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

