

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081618\
 Data File : VD059820.D
 Acq On : 16 Aug 2018 19:41
 Operator : VA/AP
 Sample : J4501-05
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081318-FL-020

Quant Time: Aug 17 06:33:10 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	5.61	168	238880	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.66	114	295948	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.67	117	225690	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	115253	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.99	65	139363	45.41	ug/l	-0.02
Spiked Amount			Recovery	=	90.82%	
35) Dibromofluoromethane	5.52	113	131155	50.85	ug/l	-0.02
Spiked Amount			Recovery	=	101.70%	
50) Toluene-d8	8.69	98	263053	43.06	ug/l	-0.02
Spiked Amount			Recovery	=	86.12%	
62) 4-Bromofluorobenzene	11.92	95	103037	37.65	ug/l	0.00
Spiked Amount			Recovery	=	75.30%	

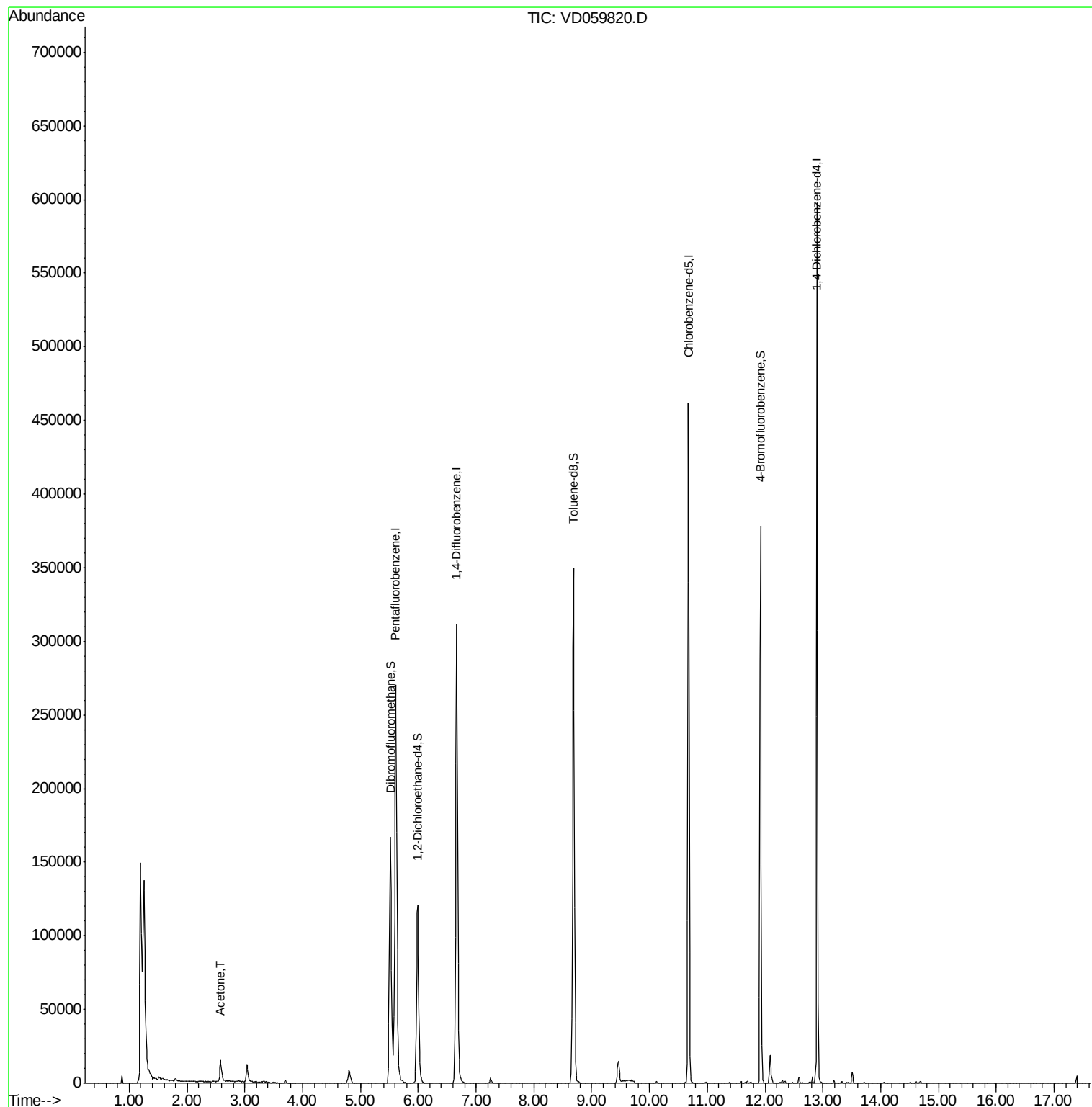
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.58	43	26643	55.01	ug/l	95

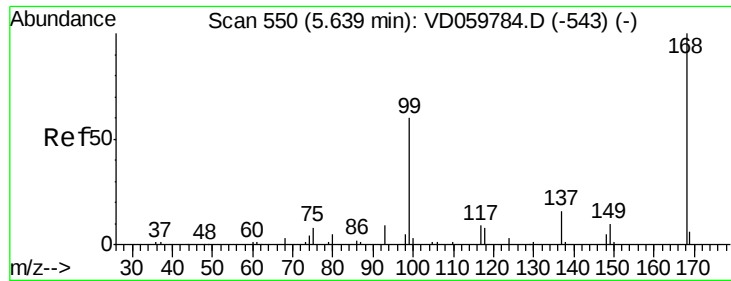
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.61 min Scan# 547

Delta R.T. -0.03 min

Lab File: VD059820.D

Acq: 16 Aug 2018 19:41

Instrument :

MSVOA_D

ClientSampleId :

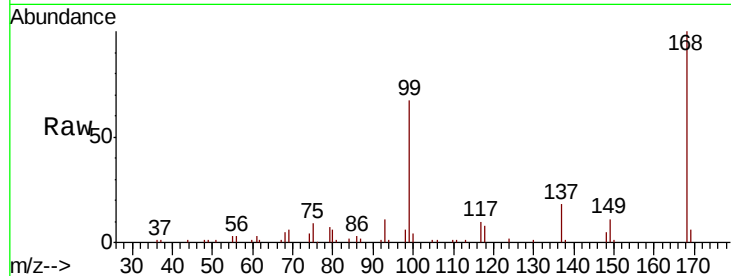
RA-081318-FL-020

Tot Ion:168 Resp: 238880

Ion Ratio Lower Upper

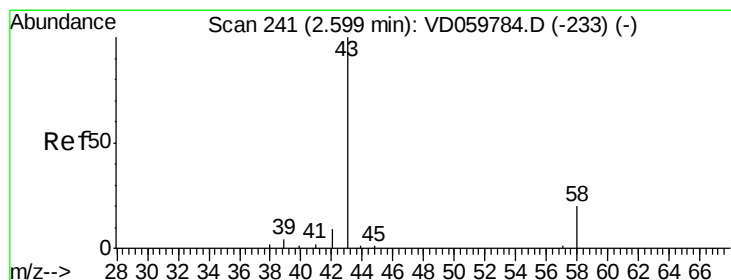
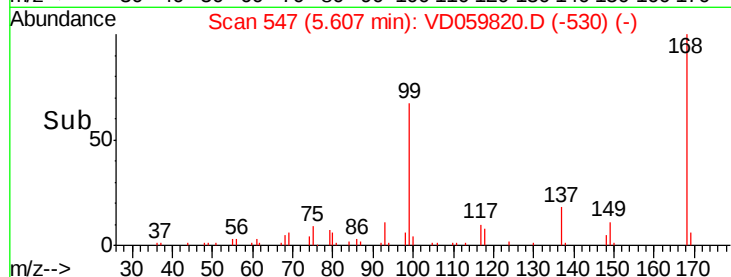
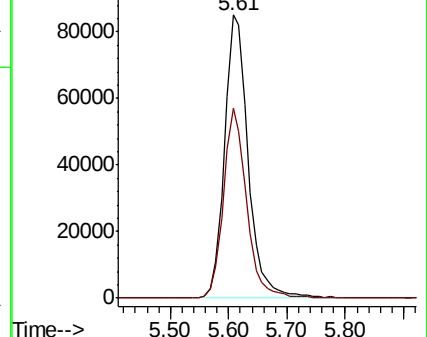
168 100

99 67.3 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: 55.01 ug/l

RT: 2.58 min Scan# 239

Delta R.T. -0.02 min

Lab File: VD059820.D

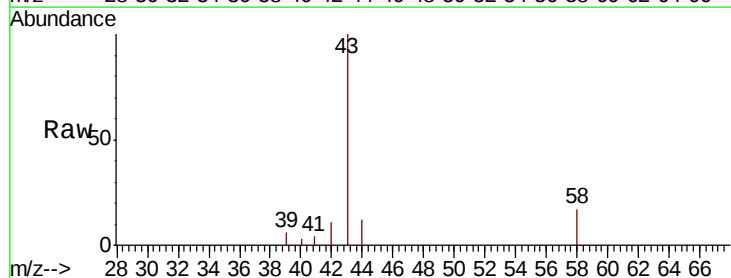
Acq: 16 Aug 2018 19:41

Tgt Ion: 43 Resp: 26643

Ion Ratio Lower Upper

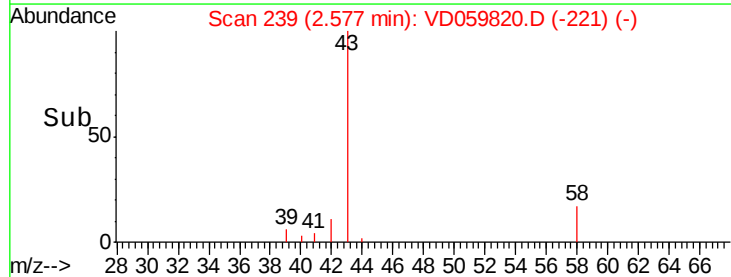
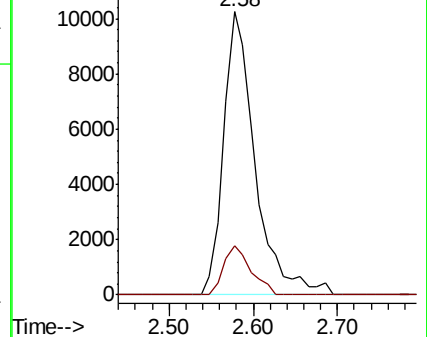
43 100

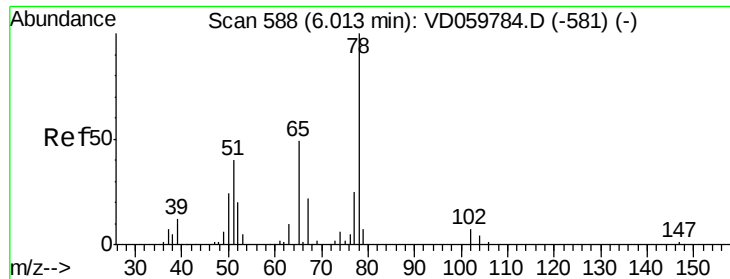
58 17.3 15.7 23.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 5.99 min Scan# 586

Delta R.T. -0.02 min

Lab File: VD059820.D

Acq: 16 Aug 2018 19:41

Instrument :

MSVOA_D

ClientSampleId :

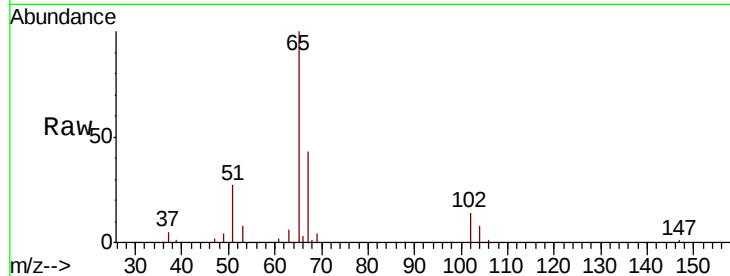
RA-081318-FL-020

Tot Ion: 65 Resp: 139363

Ion Ratio Lower Upper

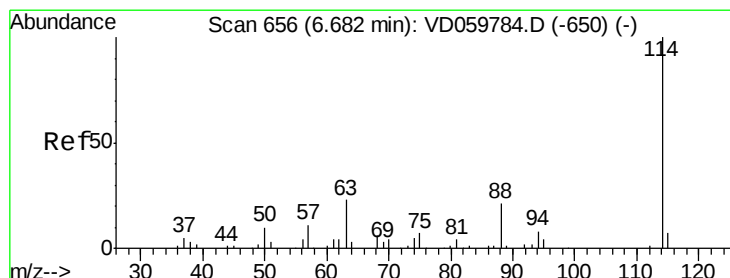
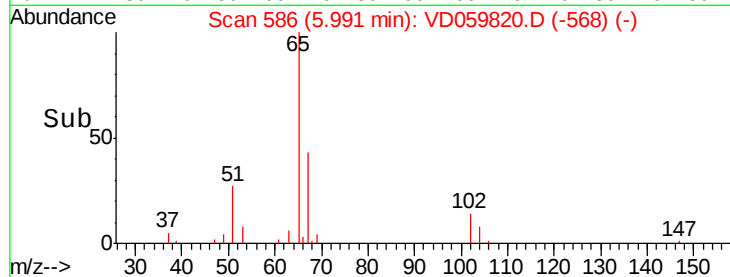
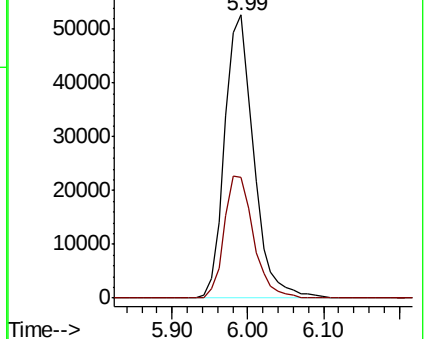
65 100

67 42.7 0.0 87.8



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: 6.66 min Scan# 654

Delta R.T. -0.02 min

Lab File: VD059820.D

Acq: 16 Aug 2018 19:41

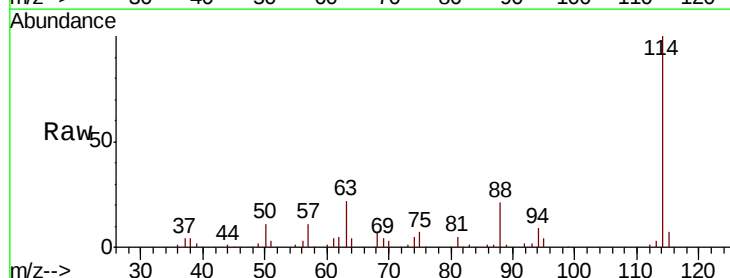
Tgt Ion: 114 Resp: 295948

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

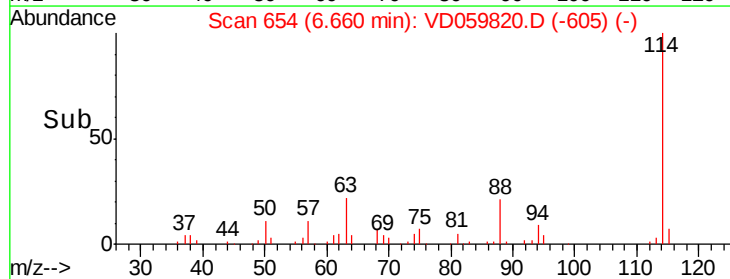
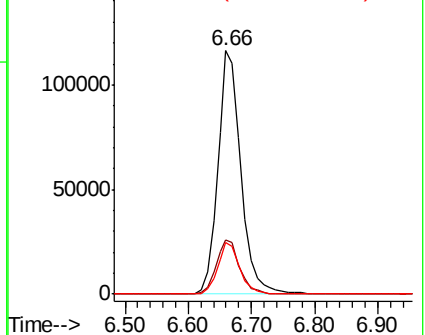
88 21.3 0.0 41.2

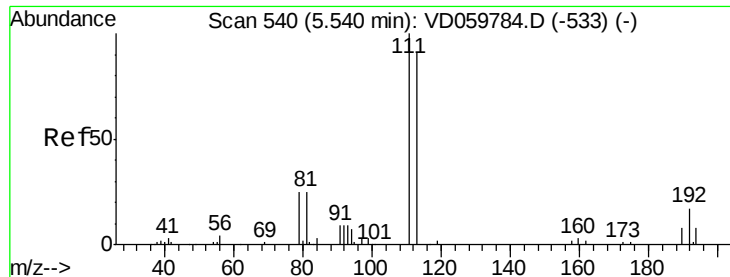


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

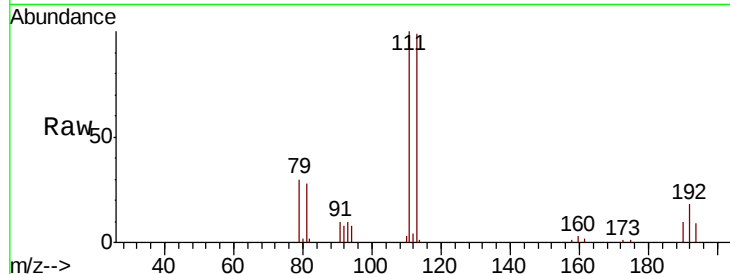




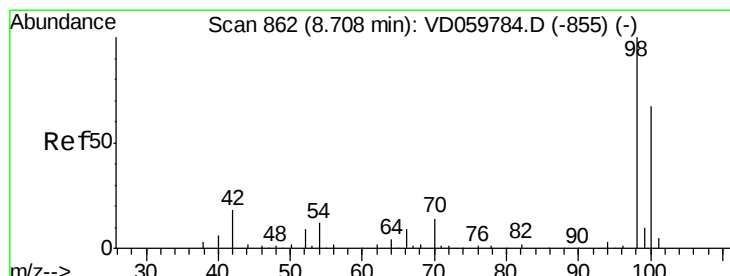
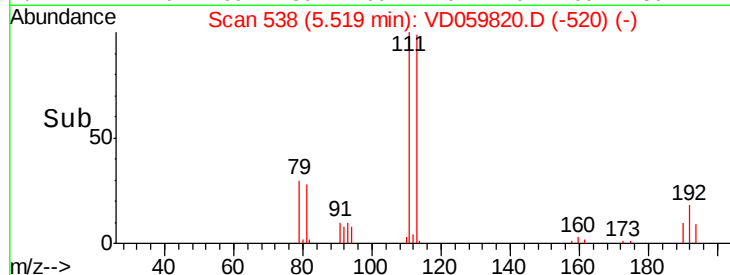
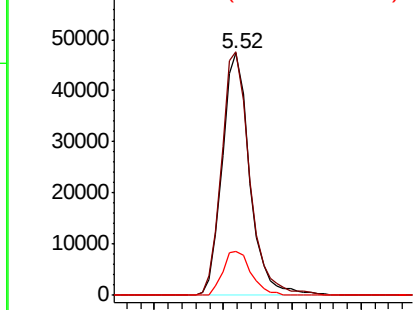
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: VD059820.D
 Acq: 16 Aug 2018 19:41

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081318-FL-020

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.5	87.7	131.5
192	18.3	14.6	21.8

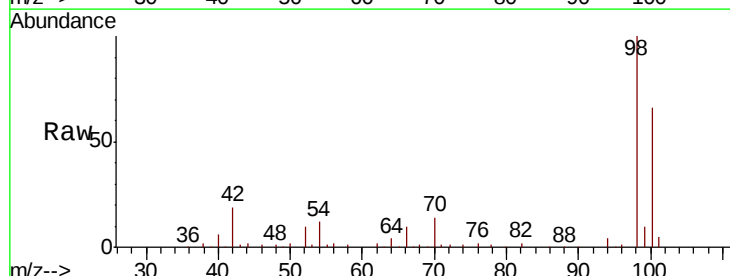


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

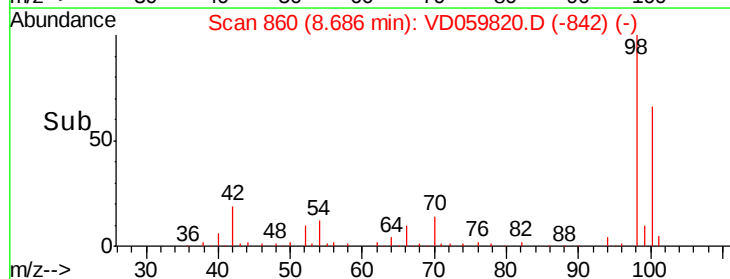
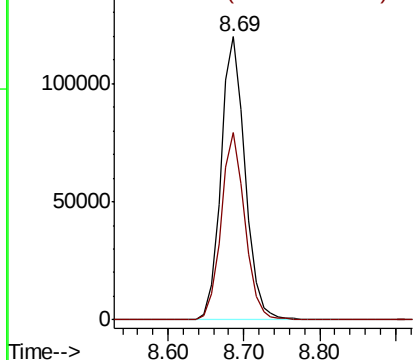


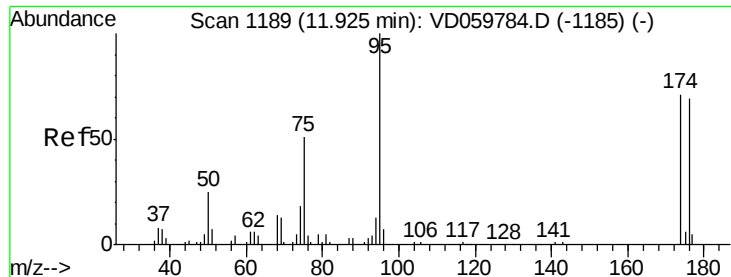
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.69 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: VD059820.D
 Acq: 16 Aug 2018 19:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	54.2	81.4



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VD059820.D

Acq: 16 Aug 2018 19:41

Instrument :

MSVOA_D

ClientSampleId :

RA-081318-FL-020

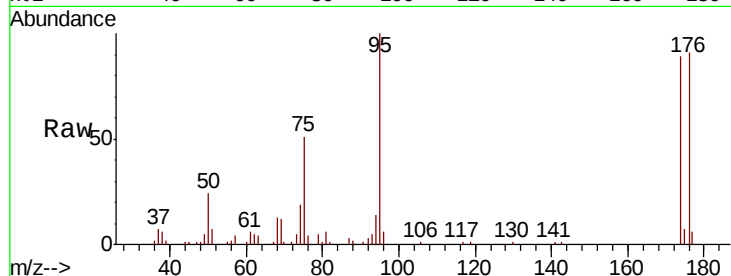
Tot Ion: 95 Resp: 103037

Ion Ratio Lower Upper

95 100

174 89.2 0.0 142.2

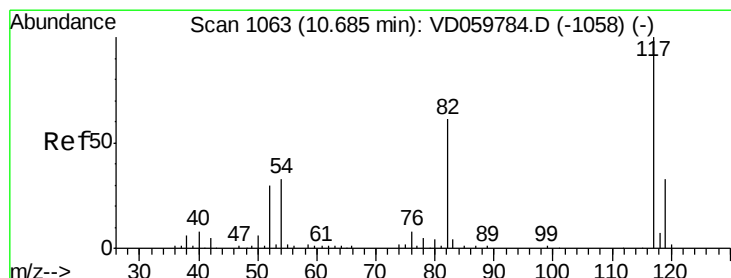
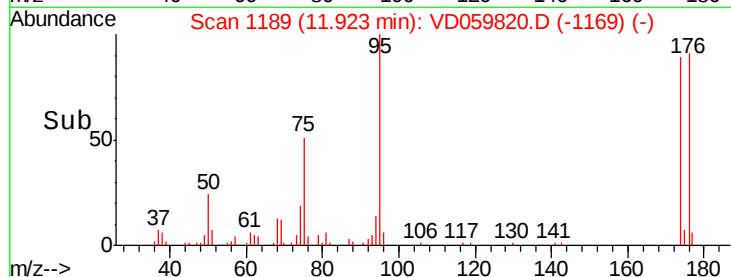
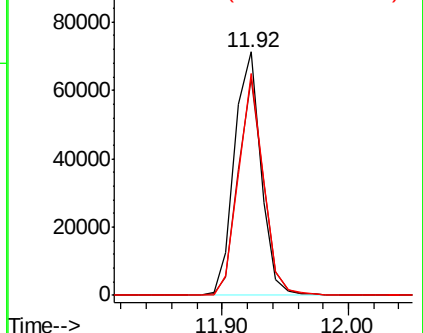
176 90.9 0.0 137.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.67 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VD059820.D

Acq: 16 Aug 2018 19:41

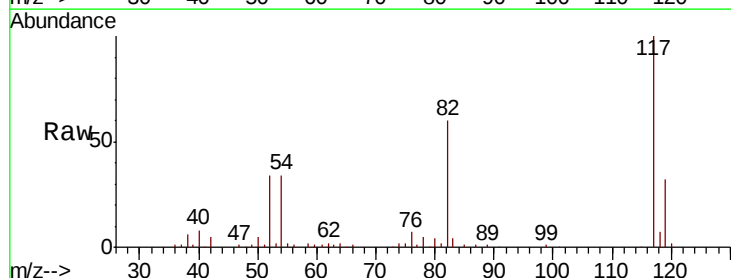
Tgt Ion: 117 Resp: 225690

Ion Ratio Lower Upper

117 100

82 60.3 49.0 73.6

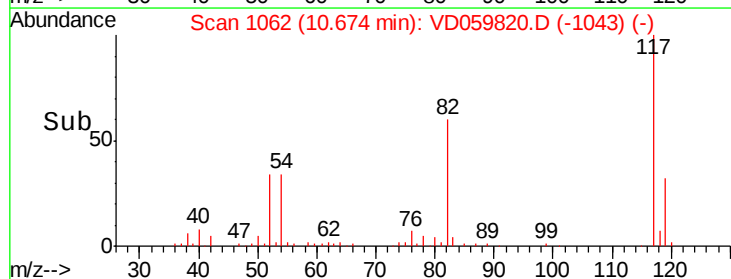
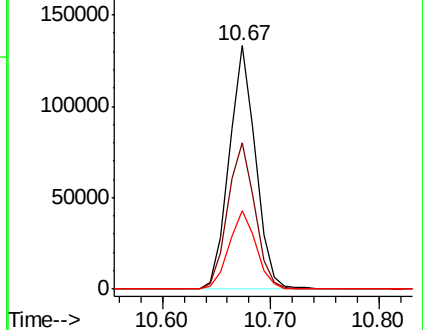
119 32.4 26.2 39.2

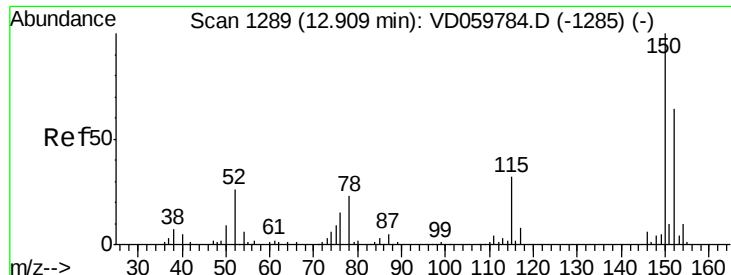


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

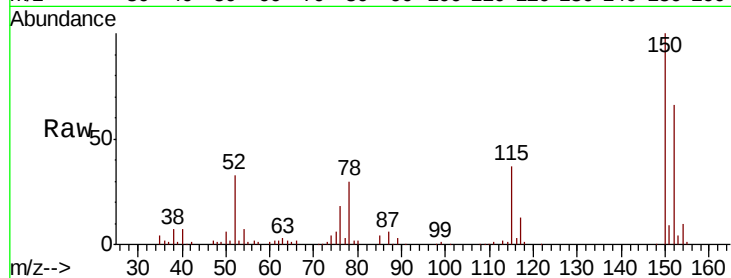




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.90 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VD059820.D
 Acq: 16 Aug 2018 19:41

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081318-FL-020

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.2	81.5
150	151.9	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

