

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081618\
 Data File : VD059818.D
 Acq On : 16 Aug 2018 18:44
 Operator : VA/AP
 Sample : J4501-02
 Misc : 5.02g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081318-FL-017

Quant Time: Aug 17 06:26:05 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	205786	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.67	114	256364	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.67	117	176894	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.89	152	81424	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.99	65	118529	44.83	ug/l	-0.02
Spiked Amount			Recovery	=	89.66%	
35) Dibromofluoromethane	5.52	113	107316	48.04	ug/l	-0.02
Spiked Amount			Recovery	=	96.08%	
50) Toluene-d8	8.68	98	207491	39.21	ug/l	-0.02
Spiked Amount			Recovery	=	78.42%	
62) 4-Bromofluorobenzene	11.92	95	74812	31.56	ug/l	0.00
Spiked Amount			Recovery	=	63.12%	

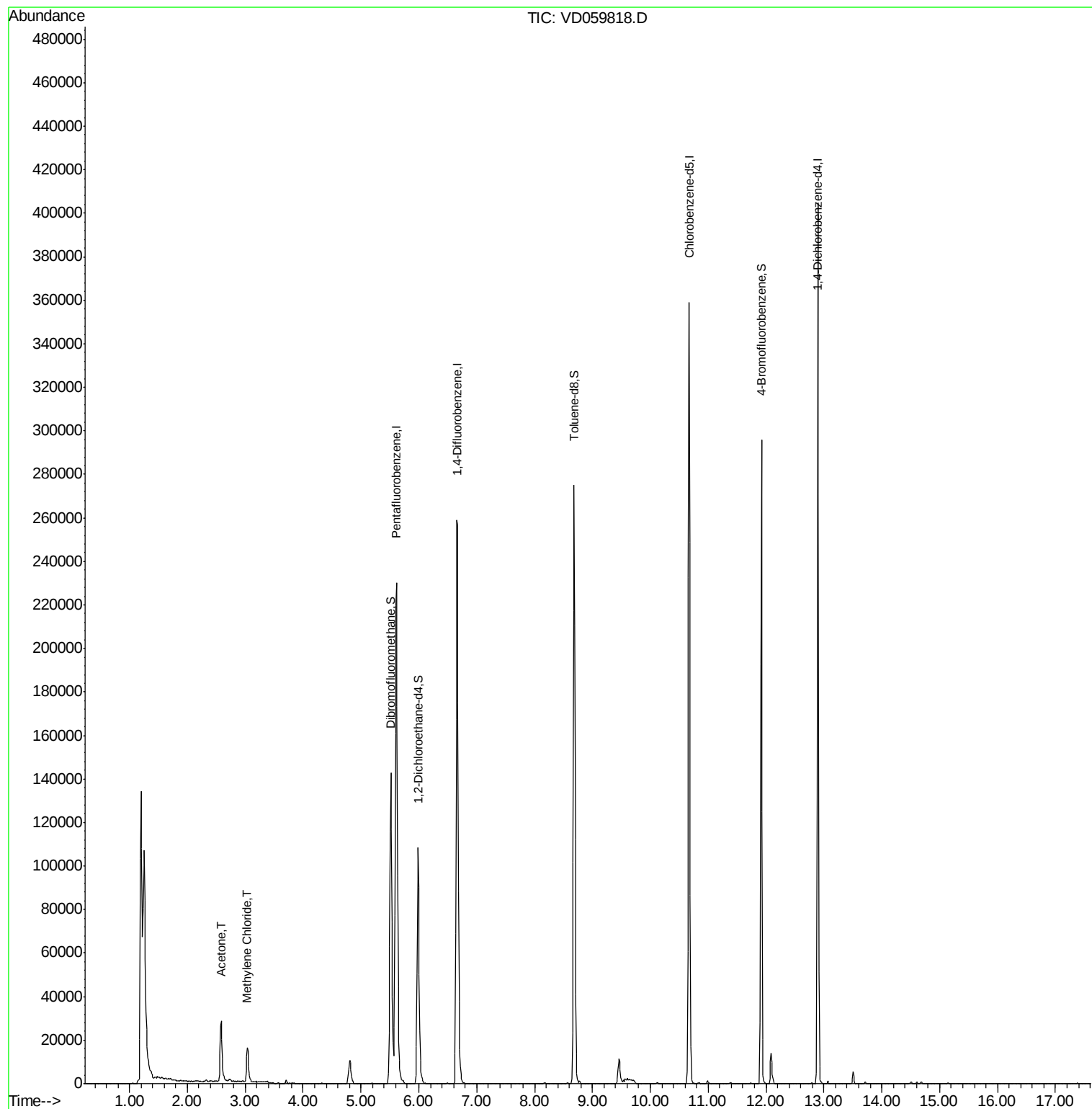
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.58	43	49519	118.67	ug/l	100
20) Methylene Chloride	3.04	84	7588	3.85	ug/l	91

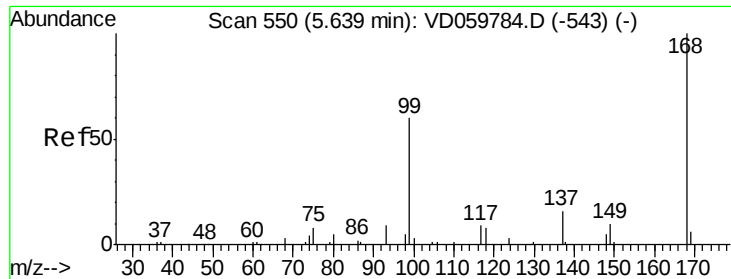
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.61 min Scan# 548

Delta R.T. -0.02 min

Lab File: VD059818.D

Acq: 16 Aug 2018 18:44

Instrument :

MSVOA_D

ClientSampleId :

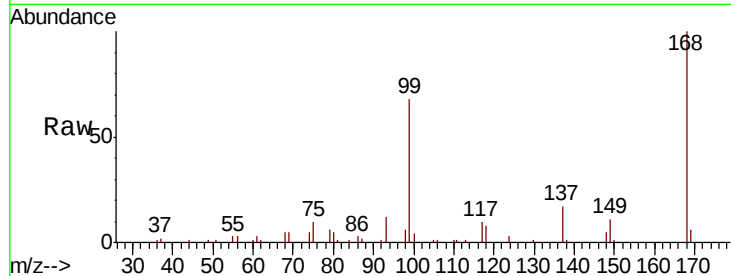
RA-081318-FL-017

Tot Ion:168 Resp: 205786

Ion Ratio Lower Upper

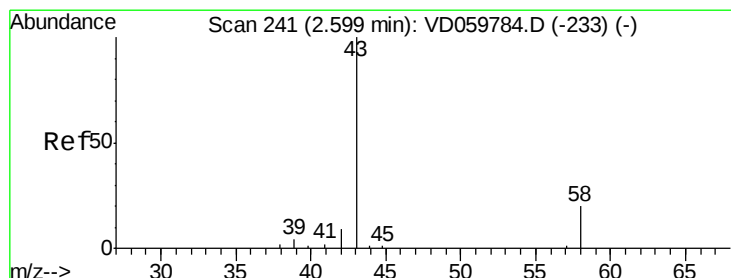
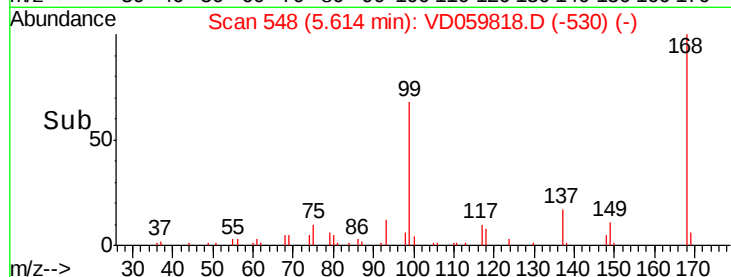
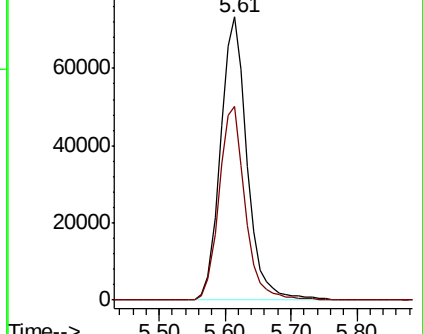
168 100

99 68.5 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: 118.67 ug/l

RT: 2.58 min Scan# 240

Delta R.T. -0.02 min

Lab File: VD059818.D

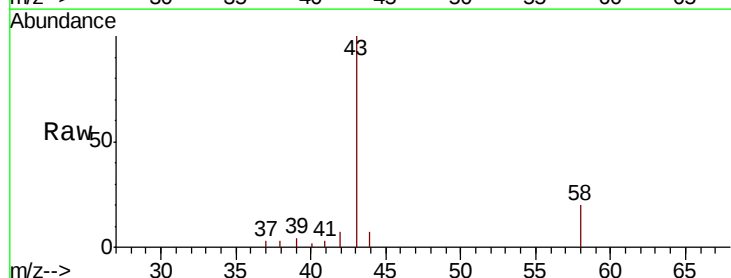
Acq: 16 Aug 2018 18:44

Tgt Ion: 43 Resp: 49519

Ion Ratio Lower Upper

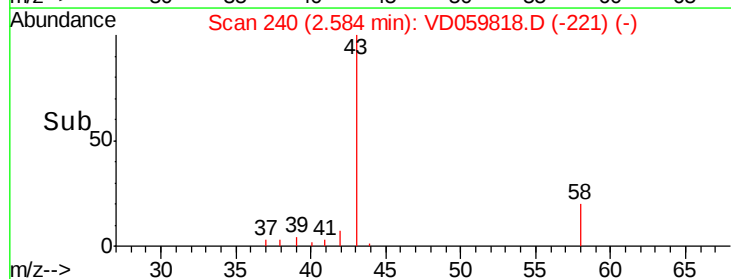
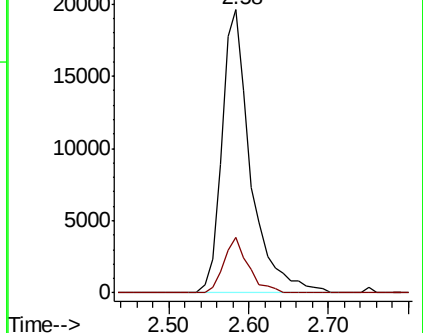
43 100

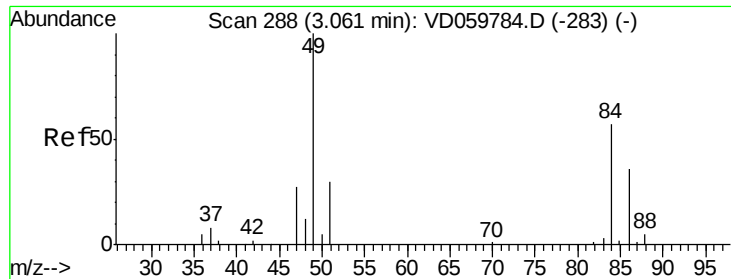
58 19.6 15.7 23.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

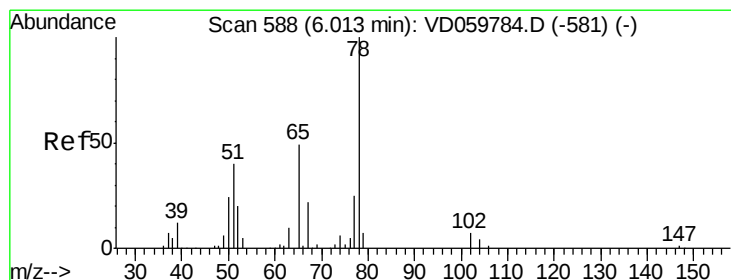
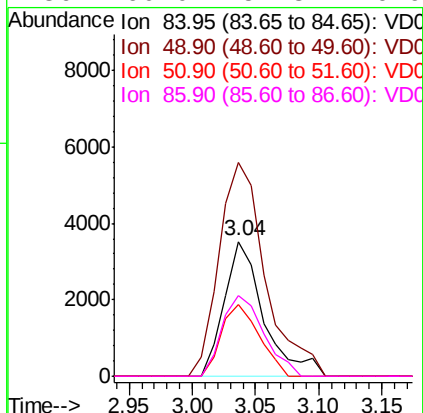
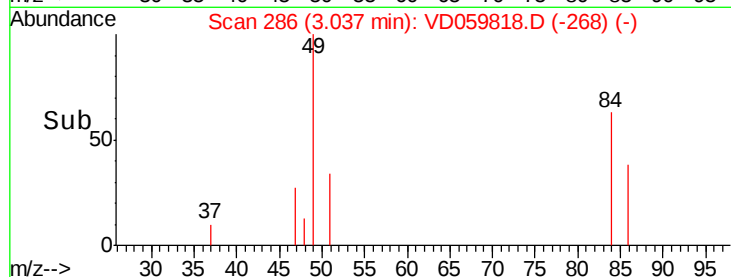
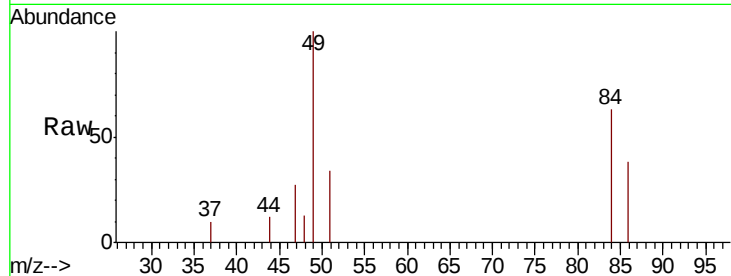




#20
Methylene Chloride
Concen: 3.85 ug/l
RT: 3.04 min Scan# 286
Delta R.T. -0.02 min
Lab File: VD059818.D
Acq: 16 Aug 2018 18:44

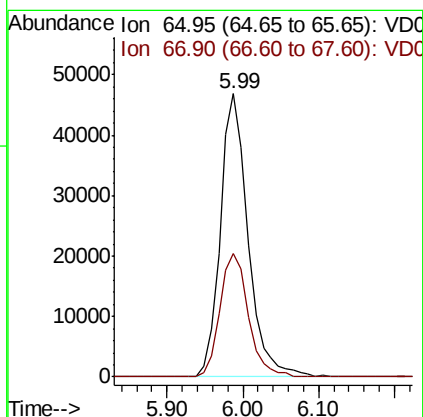
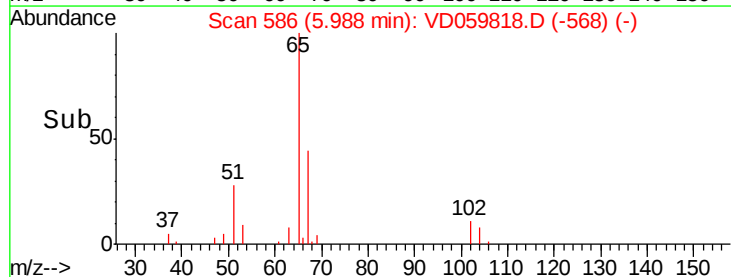
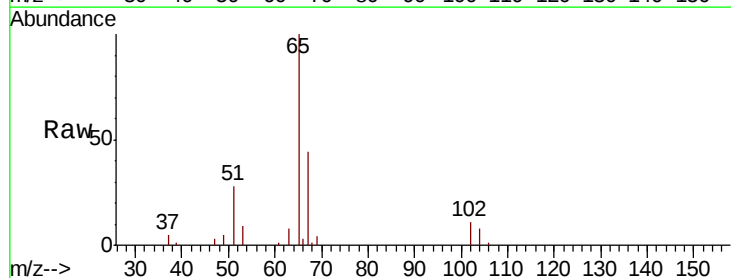
Instrument :
MSVOA_D
ClientSampleId :
RA-081318-FL-017

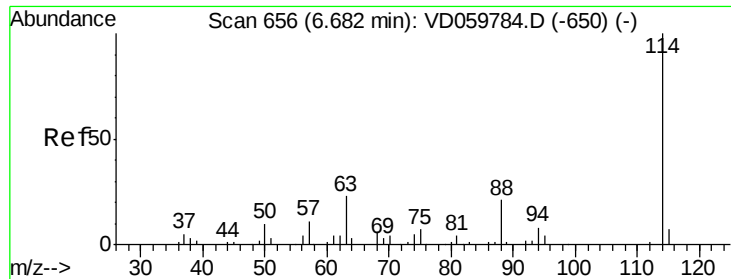
Tot Ion: 84 Resp: 7588
Ion Ratio Lower Upper
84 100
49 158.6 140.9 211.3
51 53.5 42.8 64.2
86 60.0 51.3 76.9



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 5.99 min Scan# 586
Delta R.T. -0.02 min
Lab File: VD059818.D
Acq: 16 Aug 2018 18:44

Tgt Ion: 65 Resp: 118529
Ion Ratio Lower Upper
65 100
67 43.7 0.0 87.8

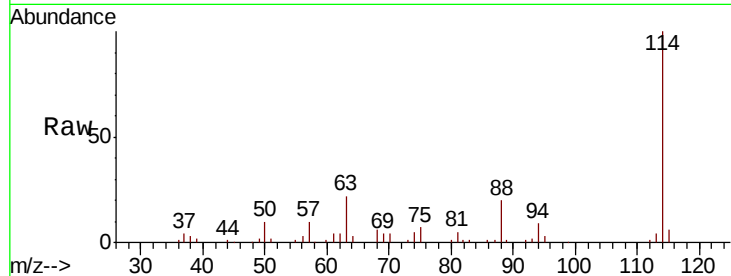




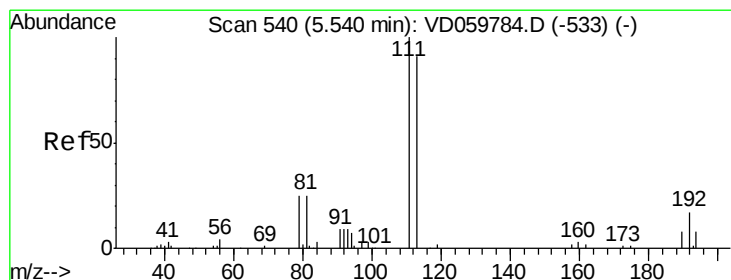
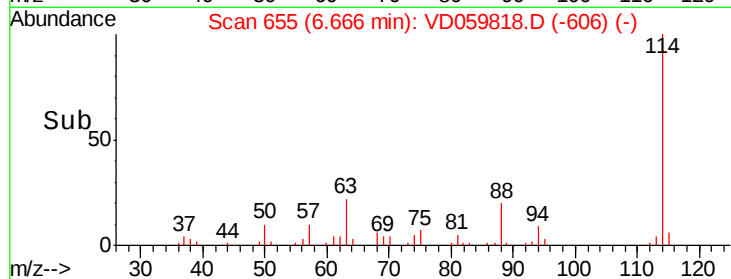
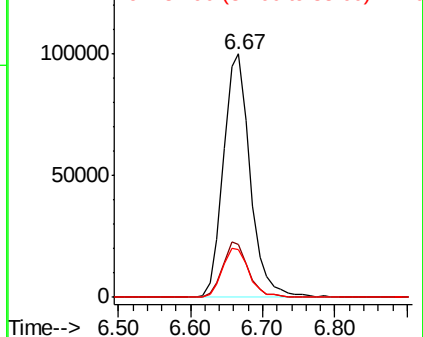
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: VD059818.D
 Acq: 16 Aug 2018 18:44

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081318-FL-017

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	45.0
88	19.9	0.0	41.2

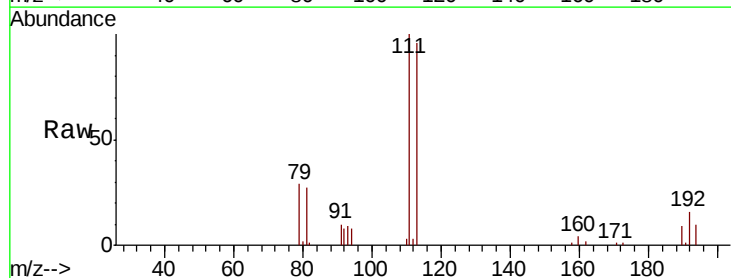


Abundance Ion 114.00 (113.70 to 114.70): V

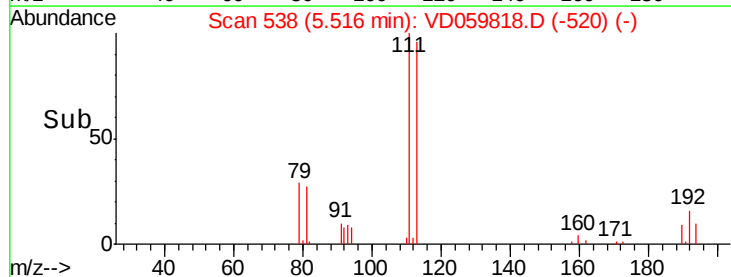
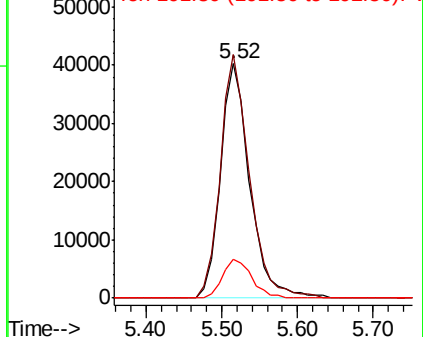


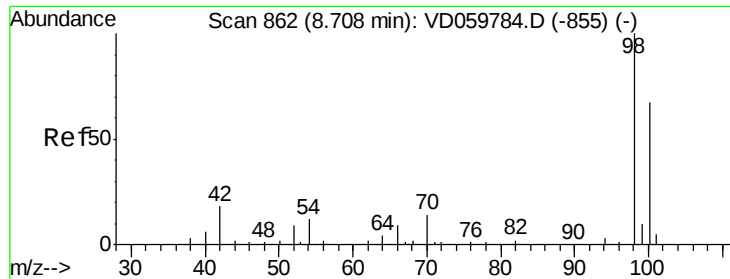
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: VD059818.D
 Acq: 16 Aug 2018 18:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	87.7	131.5
192	16.3	14.6	21.8



Abundance Ion 112.90 (112.60 to 113.60): V

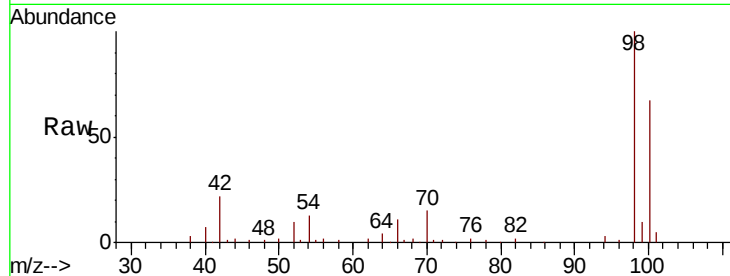




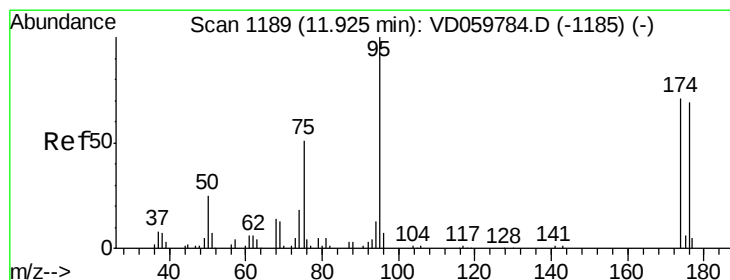
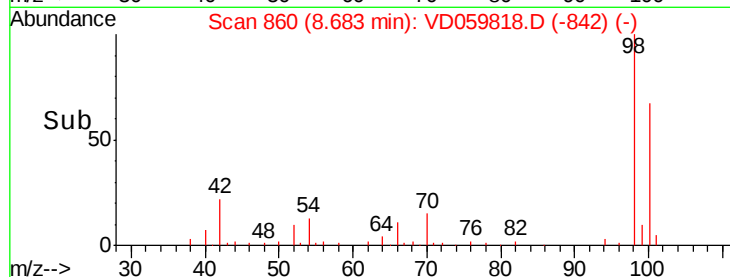
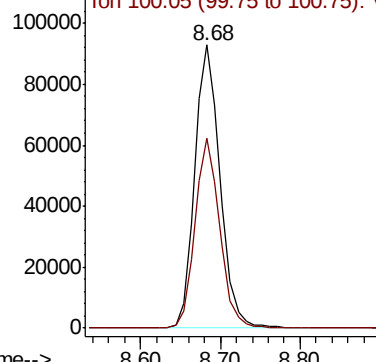
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.68 min Scan# 860
Delta R.T. -0.02 min
Lab File: VD059818.D
Acq: 16 Aug 2018 18:44

Instrument :
MSVOA_D
ClientSampleId :
RA-081318-FL-017

Tot Ion: 98 Resp: 207491
Ion Ratio Lower Upper
98 100
100 67.2 54.2 81.4

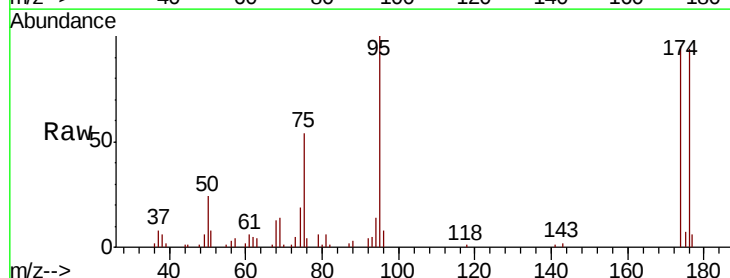


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

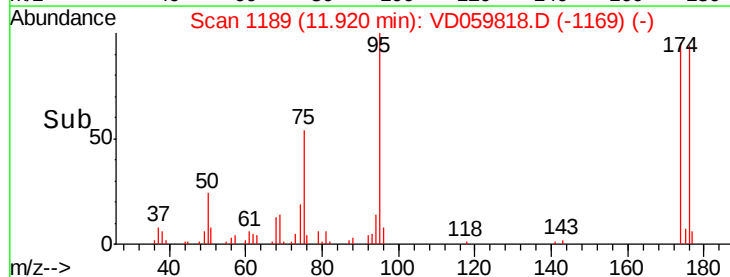
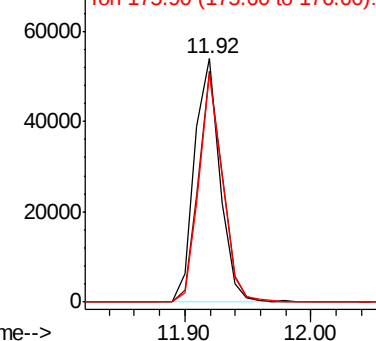


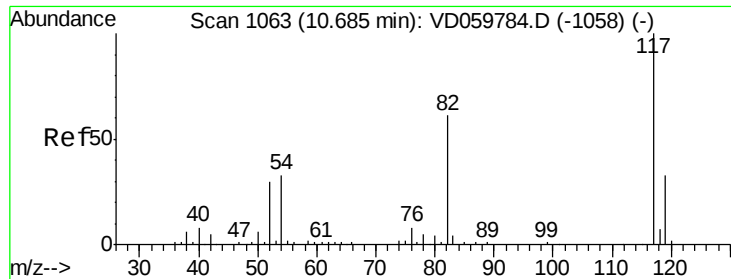
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059818.D
Acq: 16 Aug 2018 18:44

Tgt Ion: 95 Resp: 74812
Ion Ratio Lower Upper
95 100
174 94.7 0.0 142.2
176 93.8 0.0 137.4



Abundance Ion 95.00 (94.70 to 95.70): VD0
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. -0.02 min

Lab File: VD059818.D

Acq: 16 Aug 2018 18:44

Instrument :

MSVOA_D

ClientSampleId :

RA-081318-FL-017

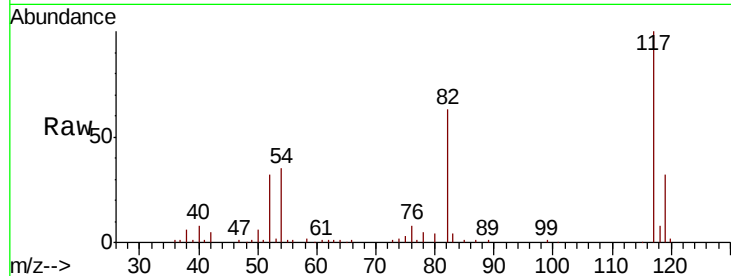
Tot Ion:117 Resp: 176894

Ion Ratio Lower Upper

117 100

82 63.4 49.0 73.6

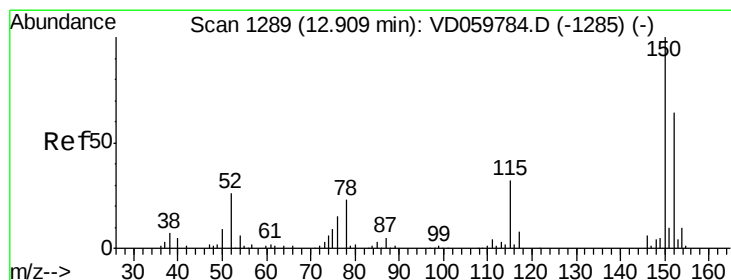
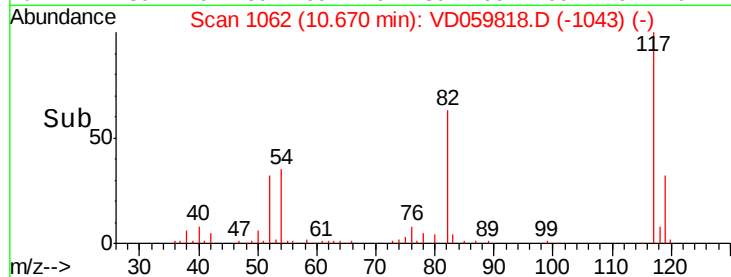
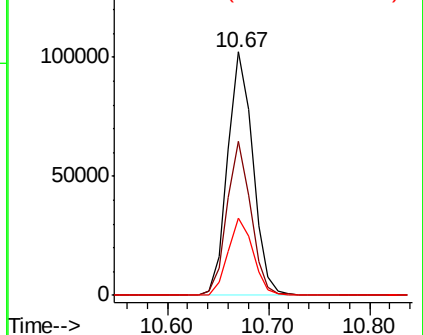
119 31.9 26.2 39.2



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: 12.89 min Scan# 1288

Delta R.T. -0.02 min

Lab File: VD059818.D

Acq: 16 Aug 2018 18:44

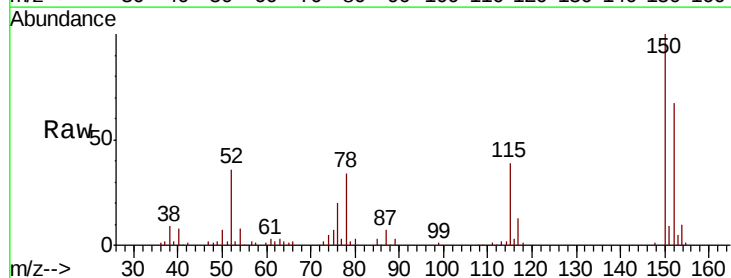
Tgt Ion:152 Resp: 81424

Ion Ratio Lower Upper

152 100

115 58.2 27.2 81.5

150 149.6 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

