

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041219\
 Data File : VD061783.D
 Acq On : 12 Apr 2019 17:30
 Operator : VA/AP
 Sample : K2343-02RE
 Misc : 5.57g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7-S2RE

Quant Time: Apr 12 23:25:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

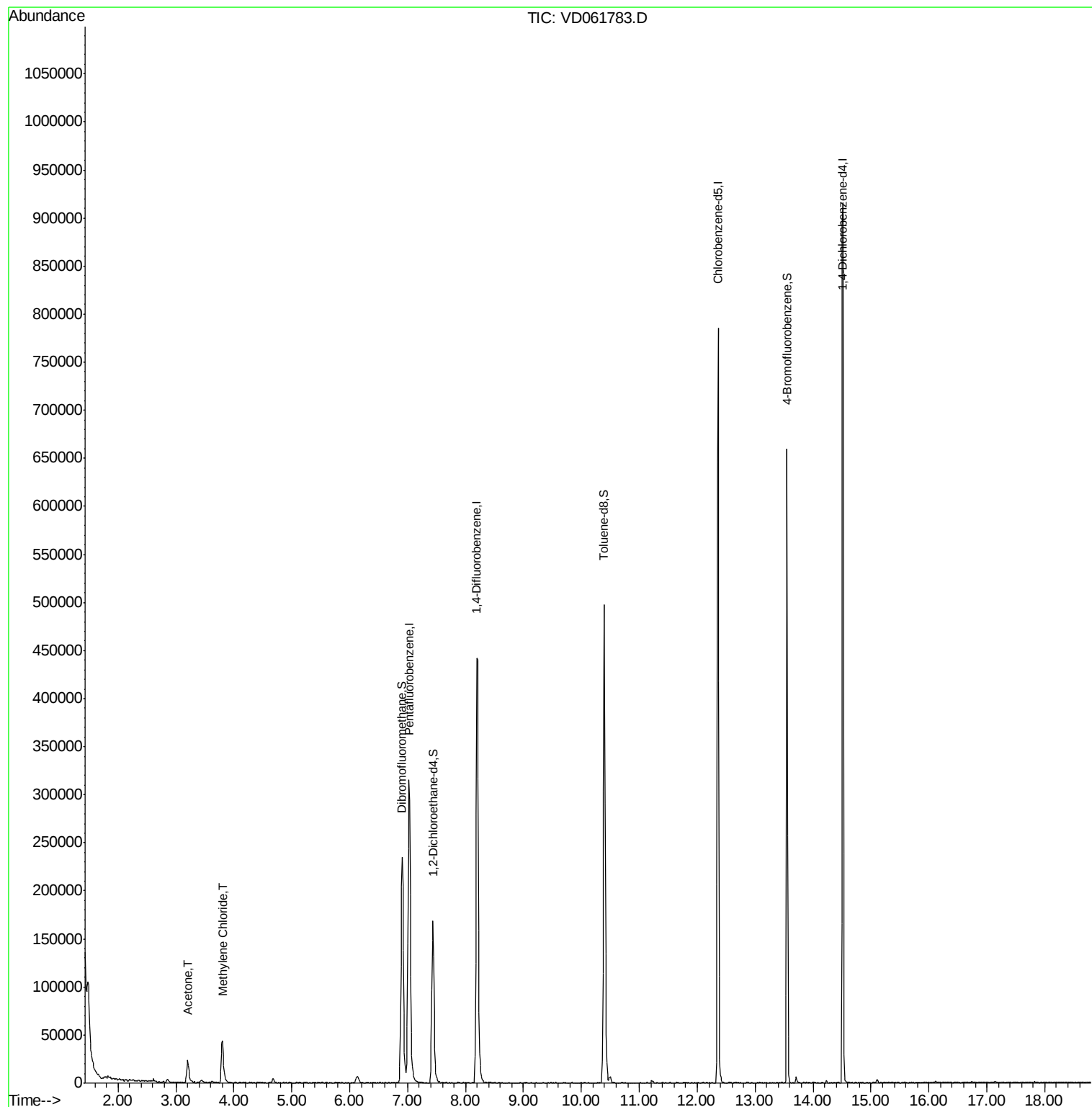
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	319582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	548837	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	490265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	237846	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	170600	70.43	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	140.86%	
35) Dibromofluoromethane	6.91	113	225407	59.28	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	118.56%	
50) Toluene-d8	10.39	98	443958	46.47	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	92.94%	
62) 4-Bromofluorobenzene	13.55	95	204571	64.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.72%	
Target Compounds						
16) Acetone	3.20	43	44136	60.950	ug/l	95
20) Methylene Chloride	3.80	84	32920	8.011	ug/l	94

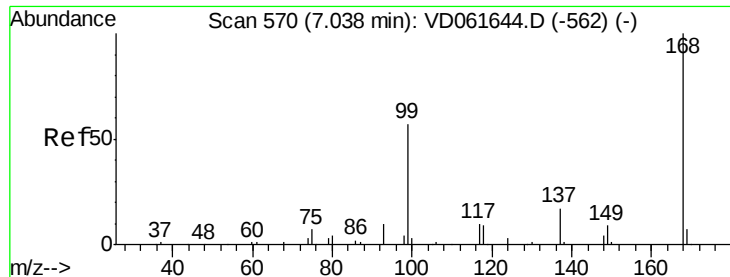
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD061783.D

Acq: 12 Apr 2019 17:30

Instrument :

MSVOA_D

ClientSampleId :

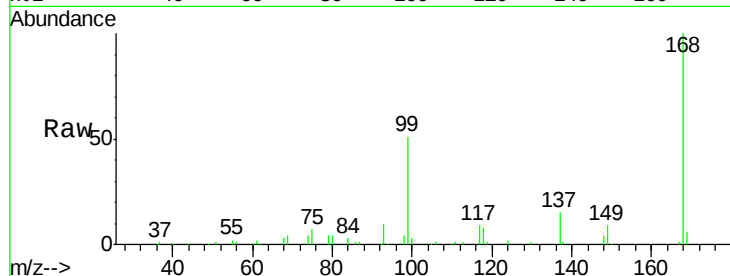
TP-7-S2RE

Tot Ion:168 Resp: 319582

Ion Ratio Lower Upper

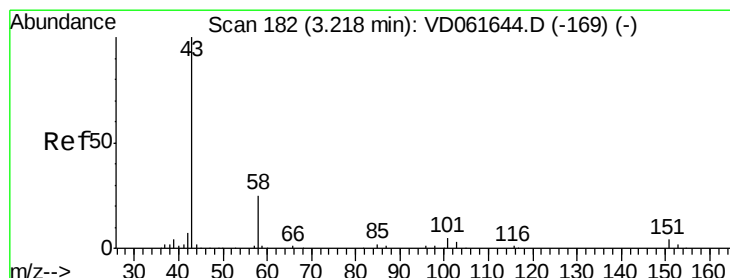
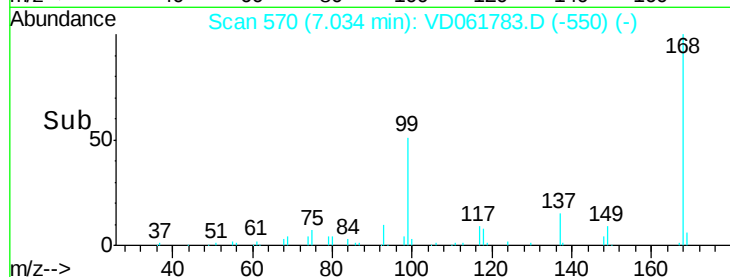
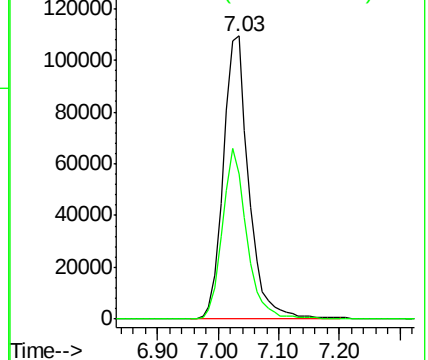
168 100

99 51.4 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 60.950 ug/l

RT: 3.20 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD061783.D

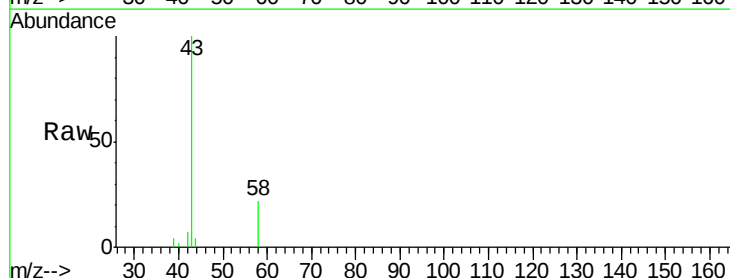
Acq: 12 Apr 2019 17:30

Tgt Ion: 43 Resp: 44136

Ion Ratio Lower Upper

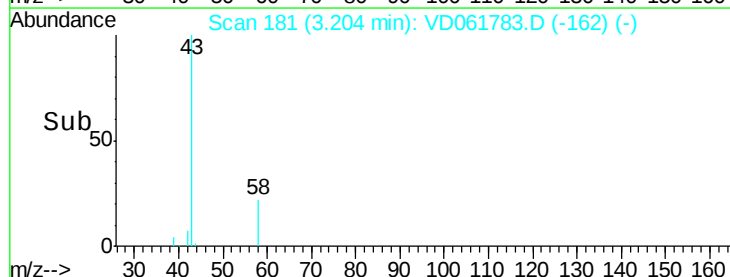
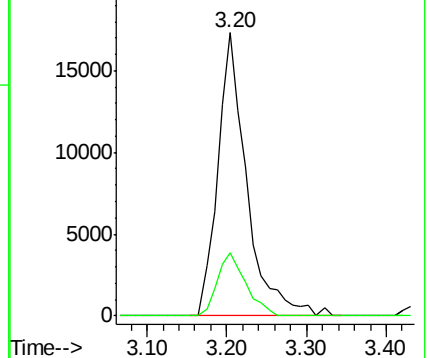
43 100

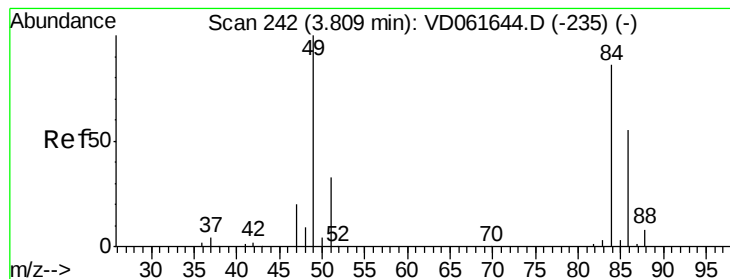
58 22.3 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 8.011 ug/l

RT: 3.80 min Scan# 242

Delta R.T. -0.00 min

Lab File: VD061783.D

Acq: 12 Apr 2019 17:30

Instrument :

MSVOA_D

ClientSampleId :

TP-7-S2RE

Tot Ion: 84 Resp: 32920

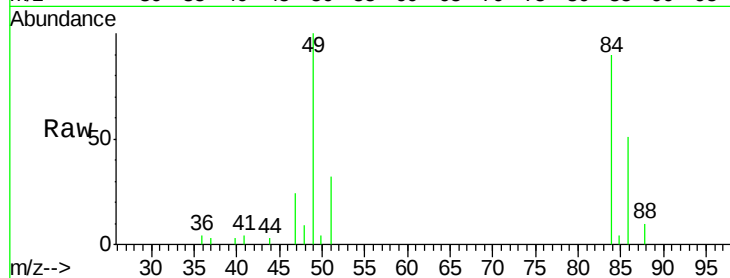
Ion Ratio Lower Upper

84 100

49 111.0 93.0 139.4

51 35.0 30.4 45.6

86 56.1 51.0 76.4

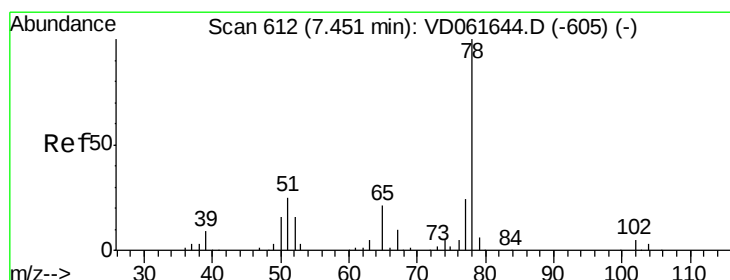
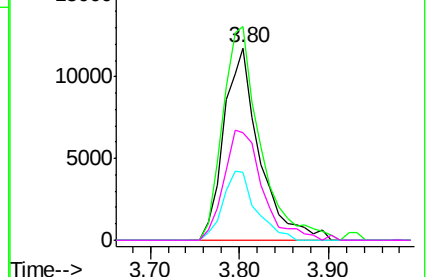
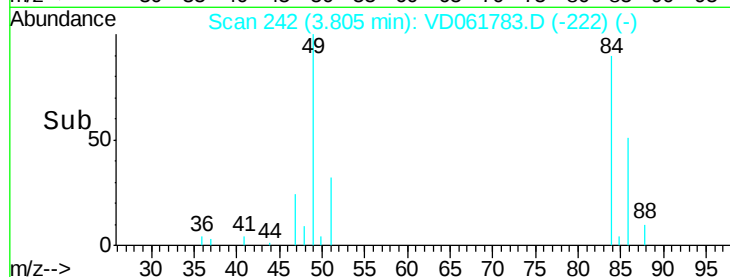


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061783.D

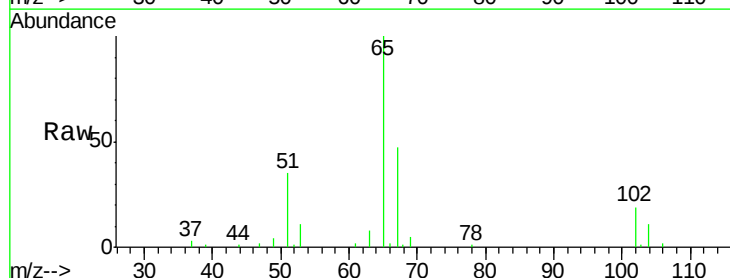
Acq: 12 Apr 2019 17:30

Tgt Ion: 65 Resp: 170600

Ion Ratio Lower Upper

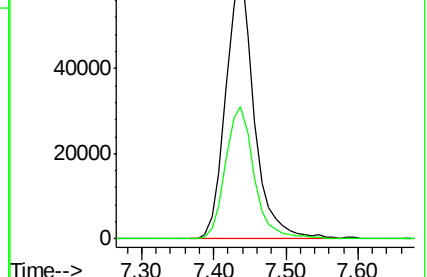
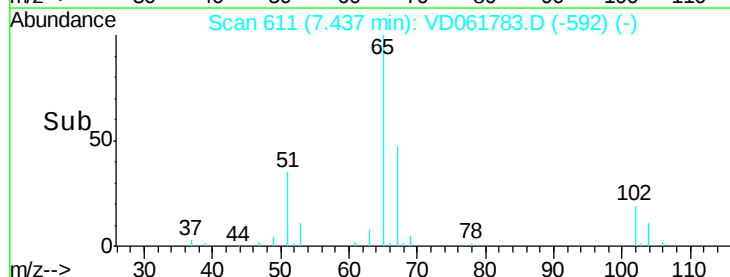
65 100

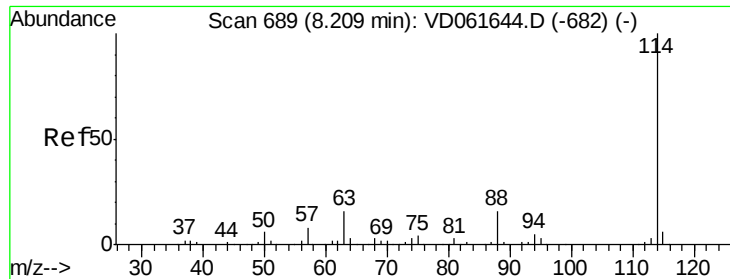
67 46.9 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

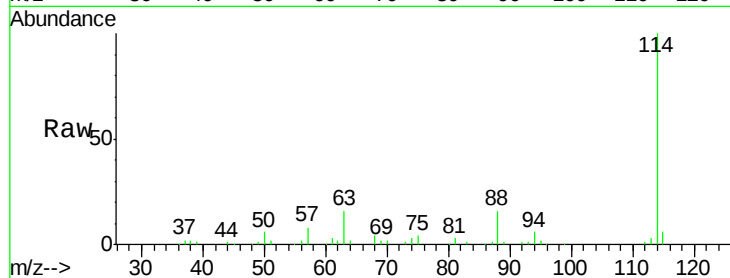




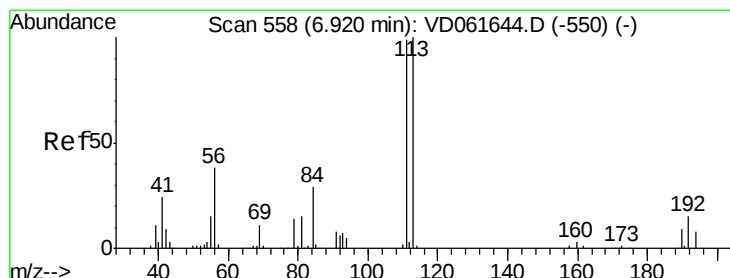
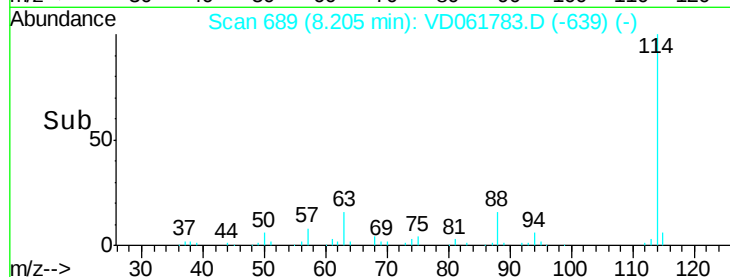
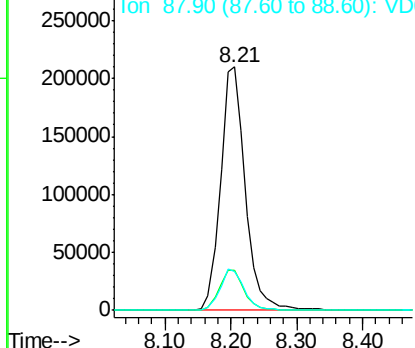
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD061783.D
 Acq: 12 Apr 2019 17:30

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7-S2RE

Tot Ion:114 Resp: 548837
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 31.2
 88 16.0 0.0 31.8

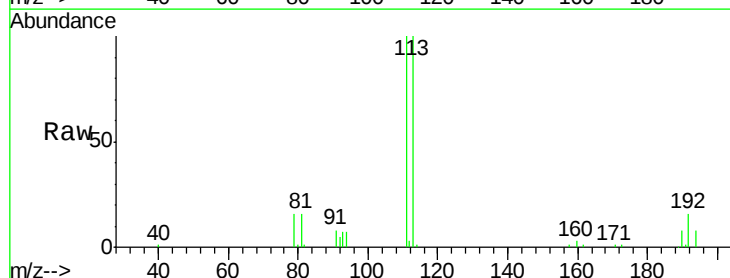


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

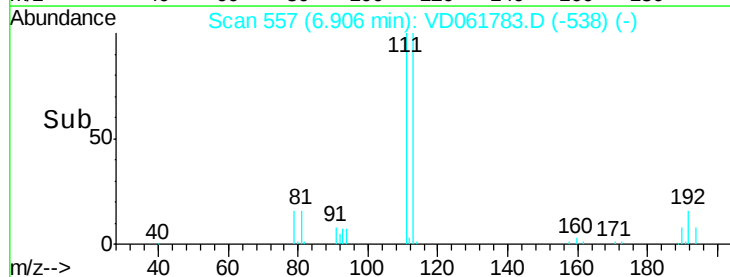
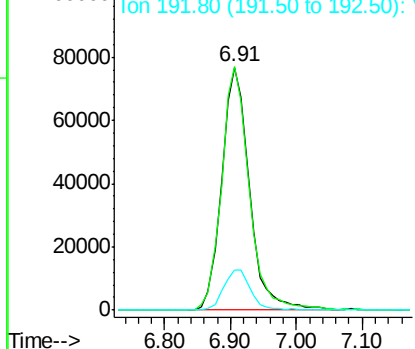


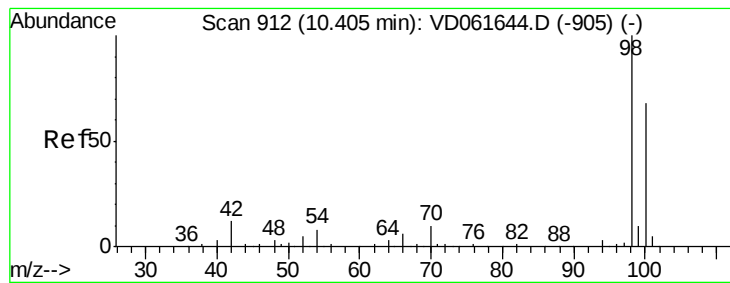
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: VD061783.D
 Acq: 12 Apr 2019 17:30

Tgt Ion:113 Resp: 225407
 Ion Ratio Lower Upper
 113 100
 111 100.3 79.3 118.9
 192 16.3 12.3 18.5



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: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD061783.D

Acq: 12 Apr 2019 17:30

Instrument :

MSVOA_D

ClientSampleId :

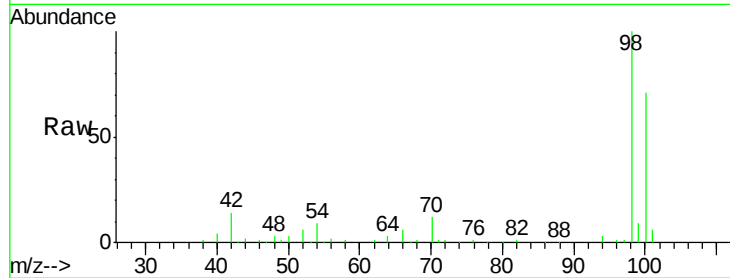
TP-7-S2RE

Tot Ion: 98 Resp: 443958

Ion Ratio Lower Upper

98 100

100 70.9 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

10.39

200000

150000

100000

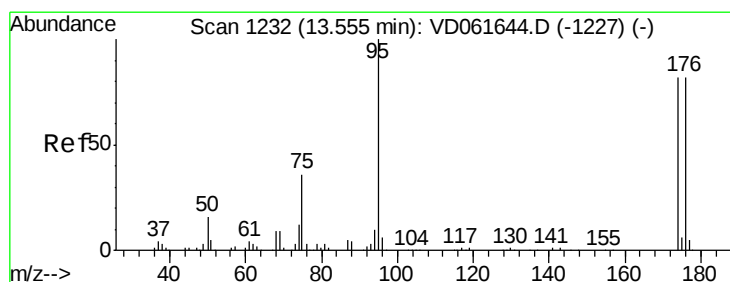
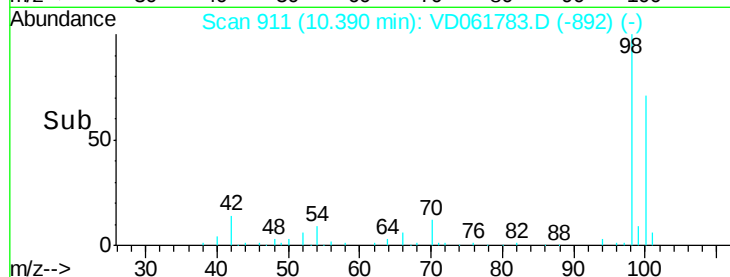
50000

0

10.40

10.60

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061783.D

Acq: 12 Apr 2019 17:30

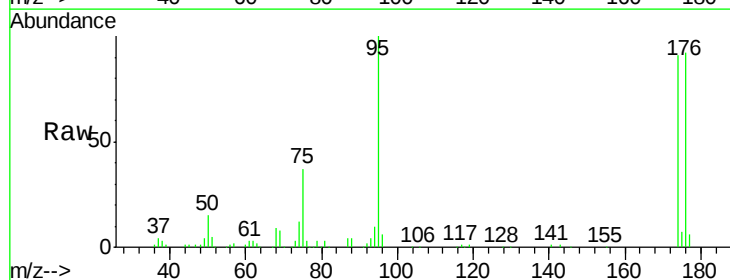
Tgt Ion: 95 Resp: 204571

Ion Ratio Lower Upper

95 100

174 90.7 0.0 164.6

176 92.0 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): VD061644.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD061644.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD061644.D (-1227) (-)

13.55

200000

150000

100000

50000

0

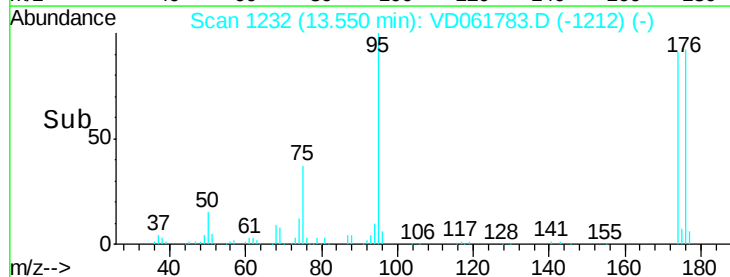
13.45

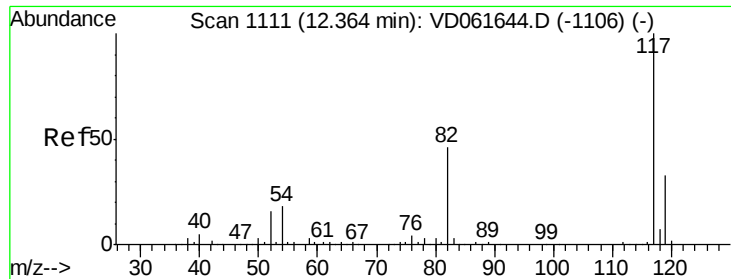
13.50

13.55

13.60

Time-->

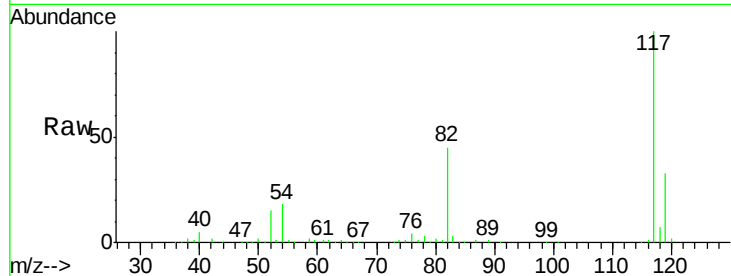




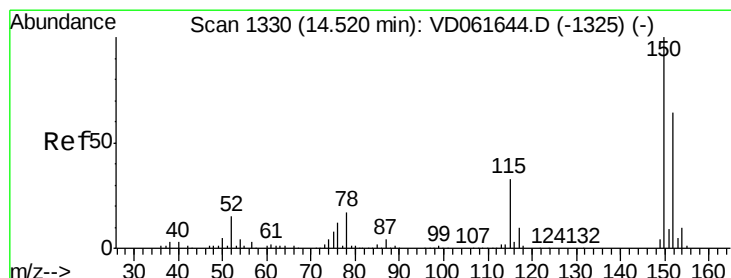
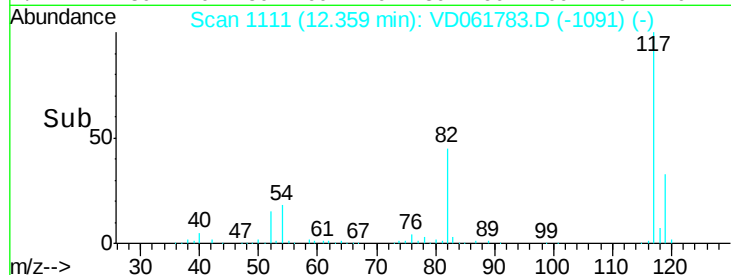
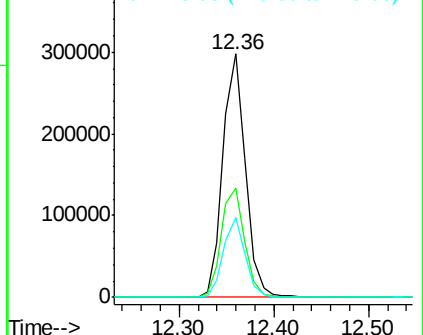
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: VD061783.D
 Acq: 12 Apr 2019 17:30

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7-S2RE

Tot Ion:117 Resp: 490265
 Ion Ratio Lower Upper
 117 100
 82 44.9 36.8 55.2
 119 32.6 26.1 39.1

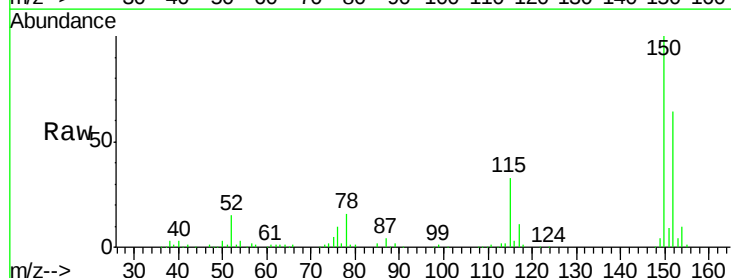


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD061783.D
 Acq: 12 Apr 2019 17:30

Tgt Ion:152 Resp: 237846
 Ion Ratio Lower Upper
 152 100
 115 51.5 26.4 79.2
 150 156.5 0.0 320.6



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

