

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
 Data File : VD061683.D
 Acq On : 9 Apr 2019 19:06
 Operator : VA/AP
 Sample : K2294-06RE
 Misc : 2.99g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-D2RE

Quant Time: Apr 10 02:12:06 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

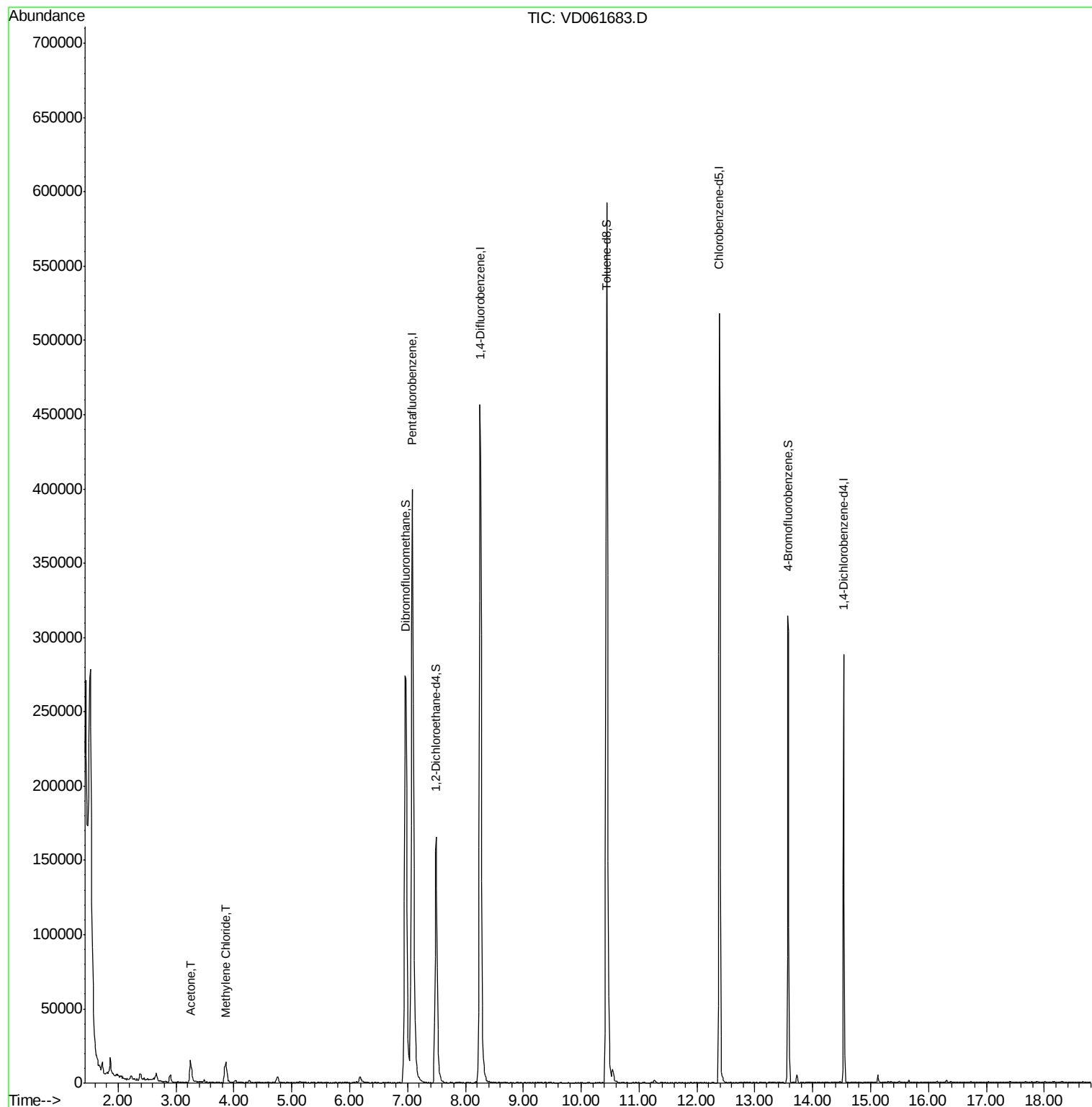
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.09	168	410547	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.25	114	565962	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.39	117	322678	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	62171	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.49	65	167019	53.67	ug/l	0.04
Spiked Amount 50.000			Recovery	=	107.34%	
35) Dibromofluoromethane	6.97	113	274040	69.89	ug/l	0.05
Spiked Amount 50.000			Recovery	=	139.78%	
50) Toluene-d8	10.44	98	529139	53.72	ug/l	0.03
Spiked Amount 50.000			Recovery	=	107.44%	
62) 4-Bromofluorobenzene	13.57	95	112192	29.69	ug/l	0.01
Spiked Amount 50.000			Recovery	=	59.38%	
Target Compounds						
16) Acetone	3.25	43	29496	31.707	ug/l	98
20) Methylene Chloride	3.86	84	11018	2.087	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.09 min Scan# 576

Delta R.T. 0.05 min

Lab File: VD061683.D

Acq: 9 Apr 2019 19:06

Instrument :

MSVOA_D

ClientSampleId :

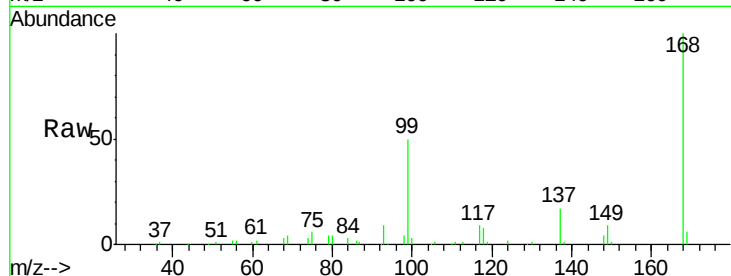
TP-14-D2RE

Tot Ion:168 Resp: 410547

Ion Ratio Lower Upper

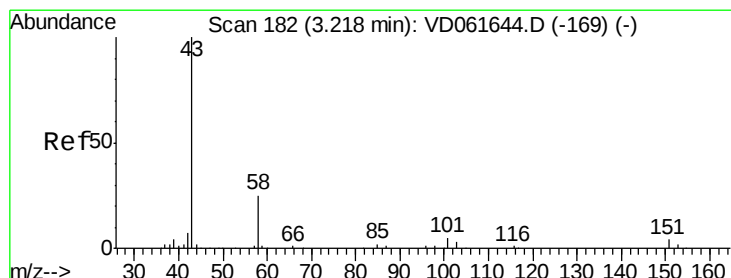
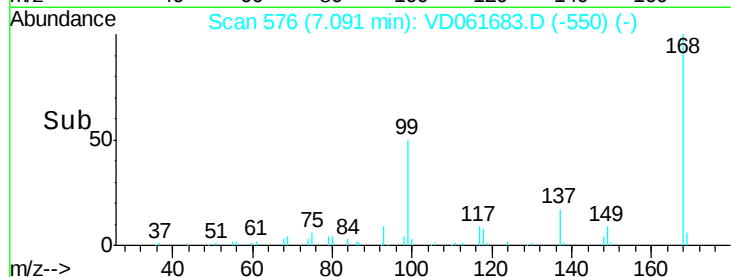
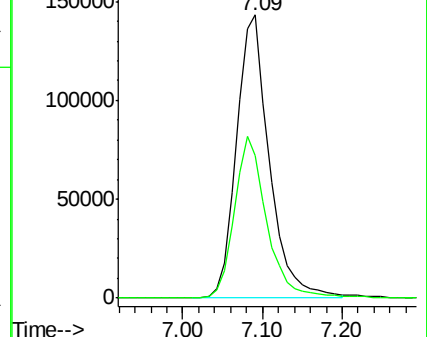
168 100

99 50.3 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: 31.707 ug/l

RT: 3.25 min Scan# 186

Delta R.T. 0.03 min

Lab File: VD061683.D

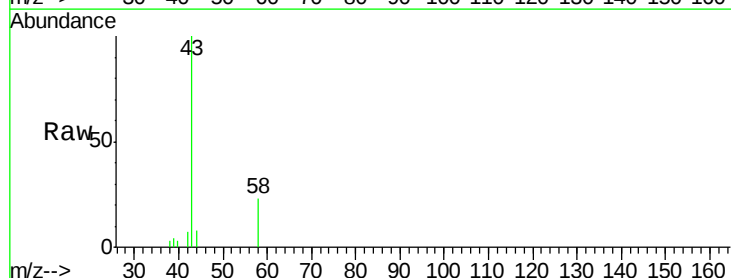
Acq: 9 Apr 2019 19:06

Tgt Ion: 43 Resp: 29496

Ion Ratio Lower Upper

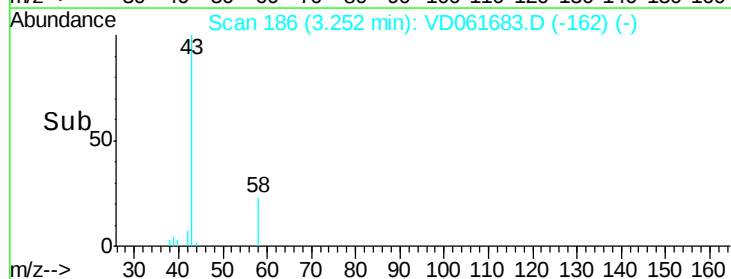
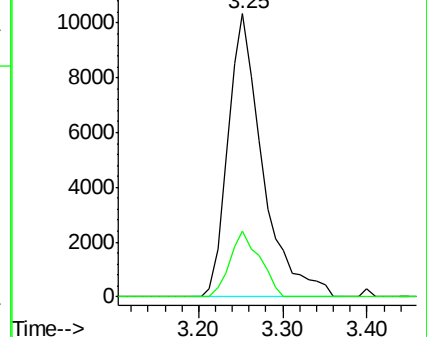
43 100

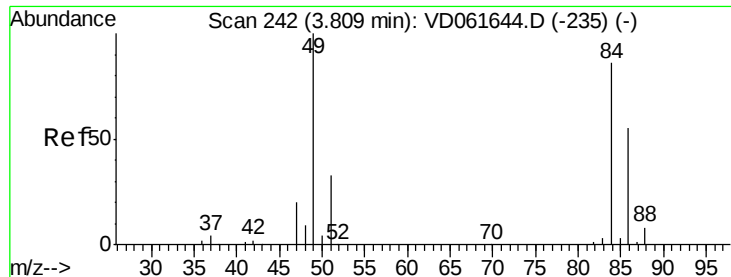
58 23.4 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

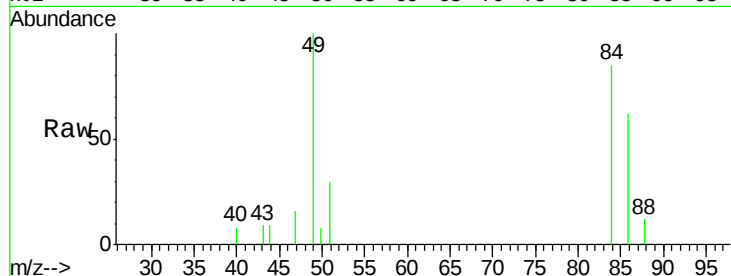




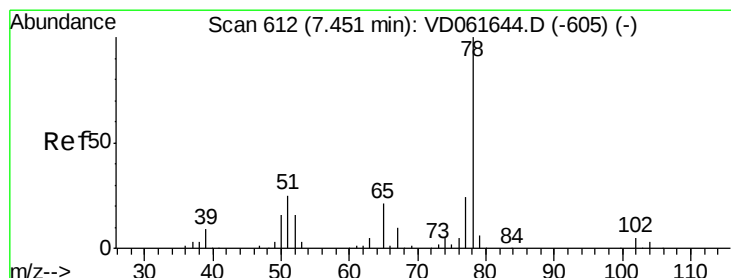
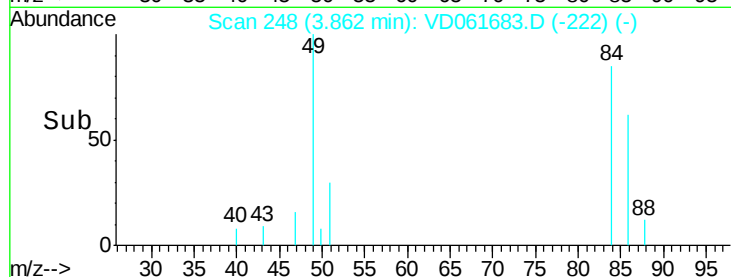
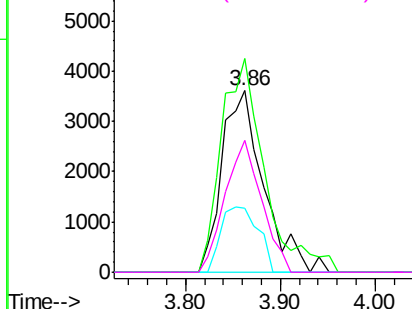
#20
Methvlene Chloride
Concen: 2.087 ug/l
RT: 3.86 min Scan# 248
Delta R.T. 0.05 min
Lab File: VD061683.D
Acq: 9 Apr 2019 19:06

Instrument :
MSVOA_D
ClientSampleId :
TP-14-D2RE

Tot Ion: 84 Resp: 11018
Ion Ratio Lower Upper
84 100
49 117.8 93.0 139.4
51 35.5 30.4 45.6
86 72.5 51.0 76.4

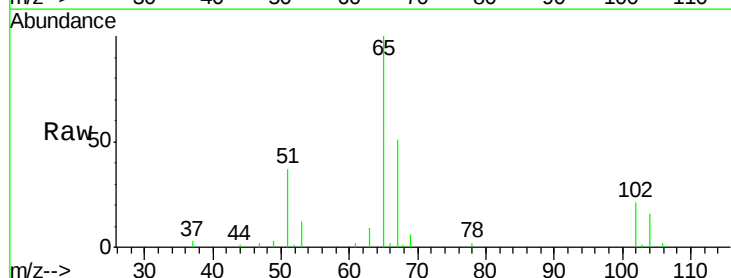


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

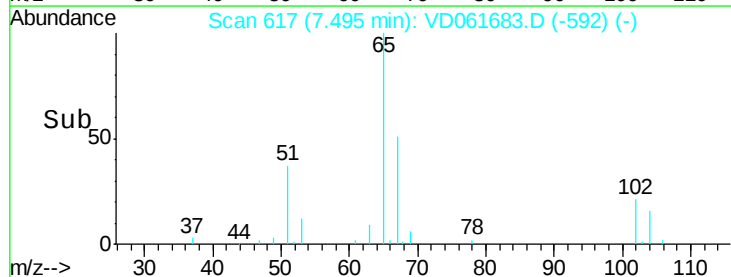
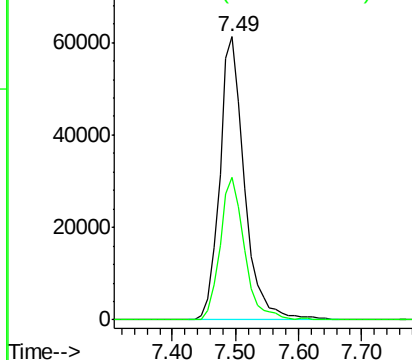


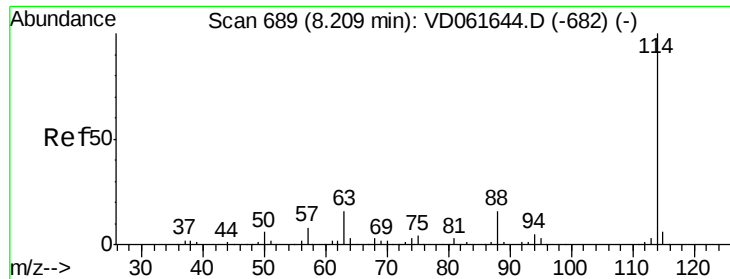
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.49 min Scan# 617
Delta R.T. 0.04 min
Lab File: VD061683.D
Acq: 9 Apr 2019 19:06

Tgt Ion: 65 Resp: 167019
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

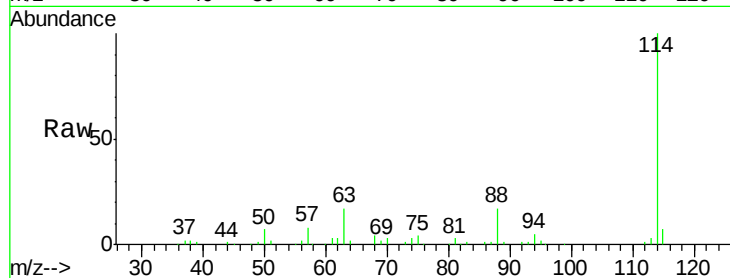




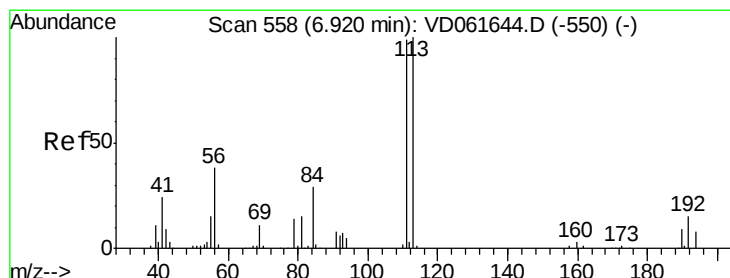
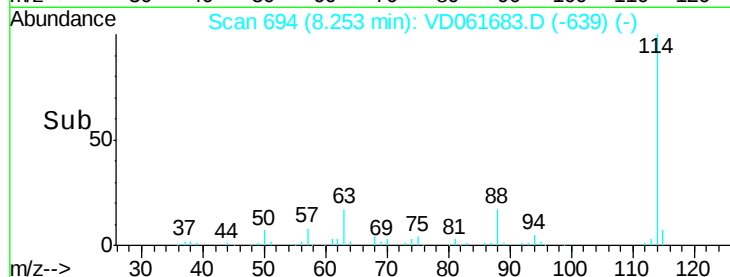
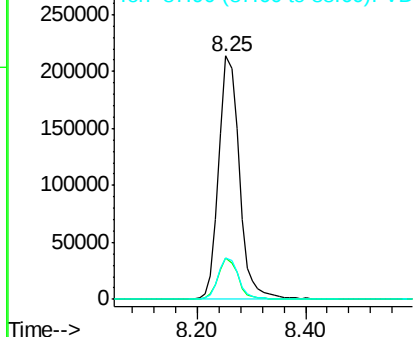
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.25 min Scan# 694
 Delta R.T. 0.04 min
 Lab File: VD061683.D
 Acq: 9 Apr 2019 19:06

Instrument :
 MSVOA_D
 ClientSampled :
 TP-14-D2RE

Tot Ion:114 Resp: 565962
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 31.2
 88 17.2 0.0 31.8

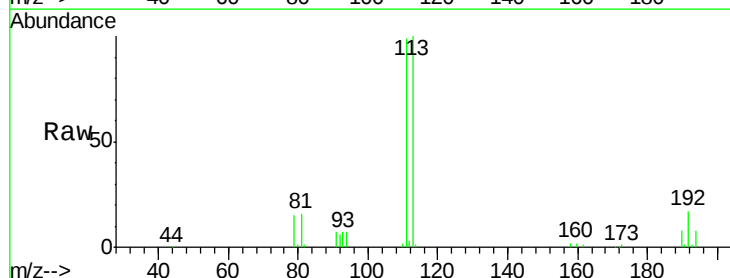


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

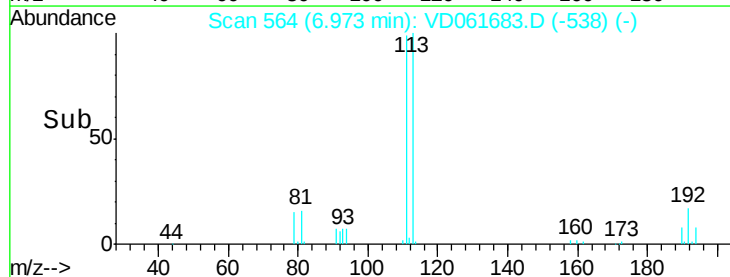
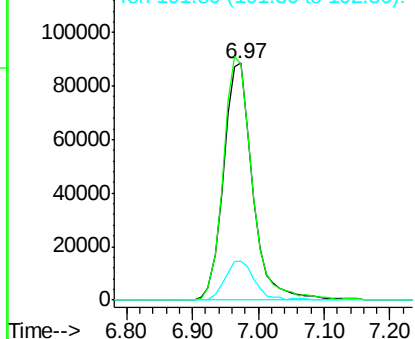


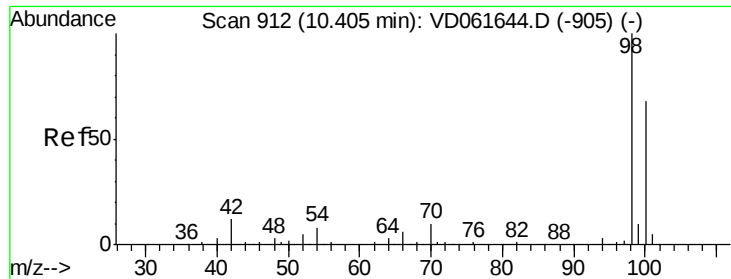
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.97 min Scan# 564
 Delta R.T. 0.05 min
 Lab File: VD061683.D
 Acq: 9 Apr 2019 19:06

Tgt Ion:113 Resp: 274040
 Ion Ratio Lower Upper
 113 100
 111 99.5 79.3 118.9
 192 16.5 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: 10.44 min Scan# 916

Delta R.T. 0.03 min

Lab File: VD061683.D

Acq: 9 Apr 2019 19:06

Instrument :

MSVOA_D

ClientSampleId :

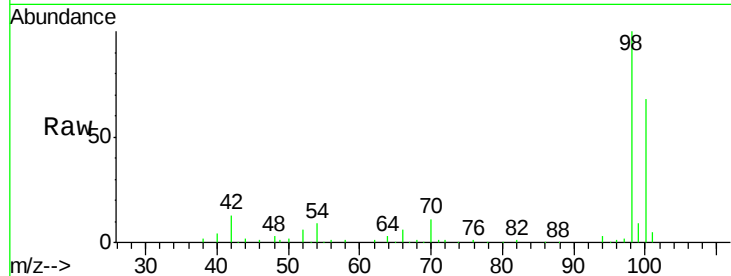
TP-14-D2RE

Tot Ion: 98 Resp: 529139

Ion Ratio Lower Upper

98 100

100 68.5 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) (-)

250000

200000

150000

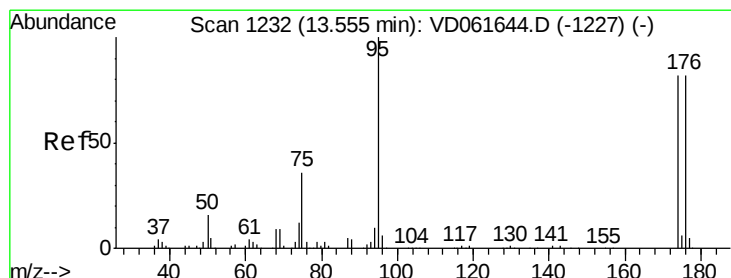
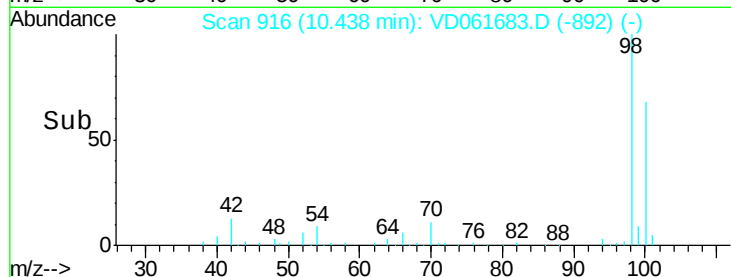
100000

50000

0

10.30 10.40 10.50 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.01 min

Lab File: VD061683.D

Acq: 9 Apr 2019 19:06

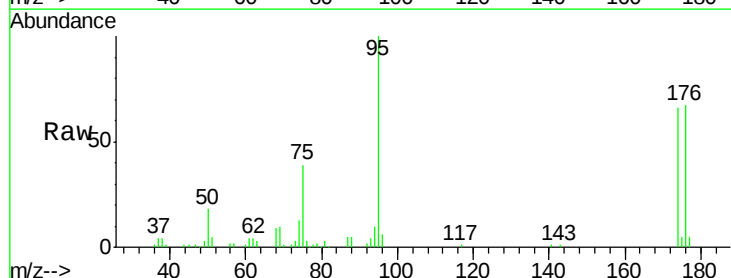
Tgt Ion: 95 Resp: 112192

Ion Ratio Lower Upper

95 100

174 66.3 0.0 164.6

176 67.4 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) (-)

100000

80000

60000

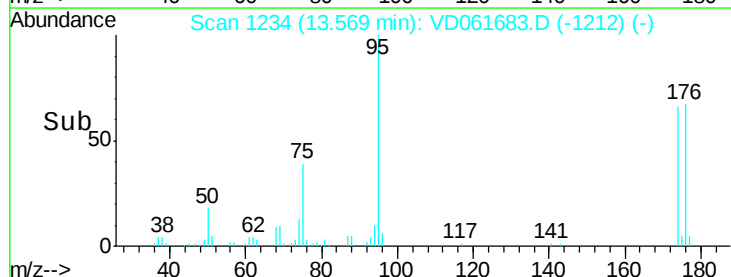
40000

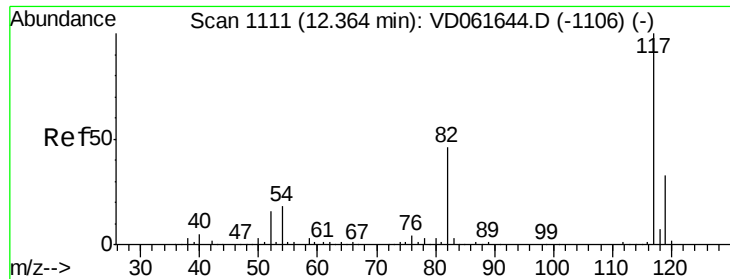
20000

0

13.50 13.55 13.60 13.65

Time-->

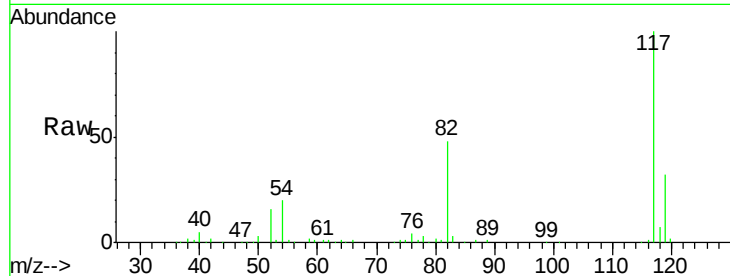




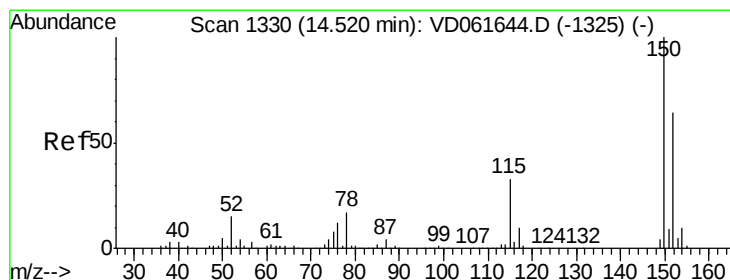
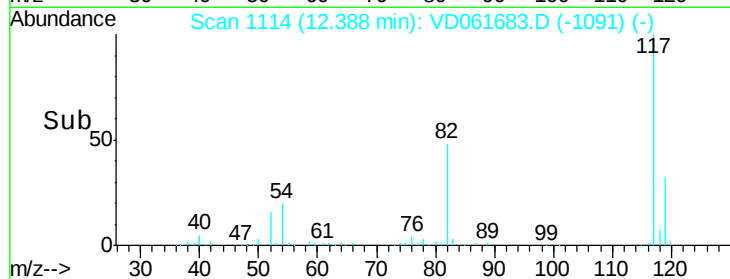
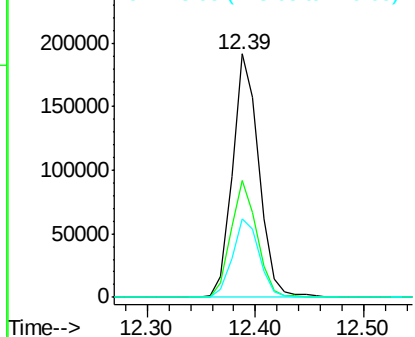
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.39 min Scan# 1114
 Delta R.T. 0.02 min
 Lab File: VD061683.D
 Acq: 9 Apr 2019 19:06

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-D2RE

Tot Ion:117 Resp: 322678
 Ion Ratio Lower Upper
 117 100
 82 48.1 36.8 55.2
 119 32.4 26.1 39.1

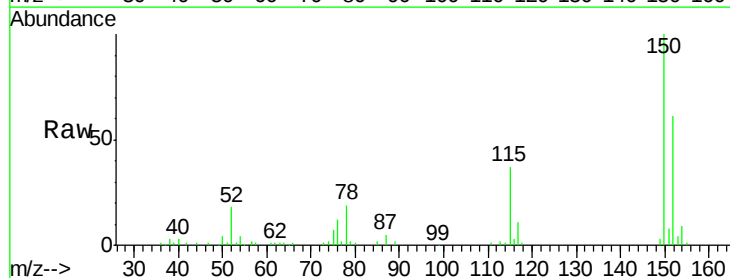


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: VD061683.D
 Acq: 9 Apr 2019 19:06

Tgt Ion:152 Resp: 62171
 Ion Ratio Lower Upper
 152 100
 115 60.8 26.4 79.2
 150 165.1 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

