

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
 Data File : VD061702.D
 Acq On : 10 Apr 2019 6:12
 Operator : VA/AP
 Sample : K2338-10
 Misc : 6.07g/5ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-DEEP

Quant Time: Apr 10 06:48:24 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

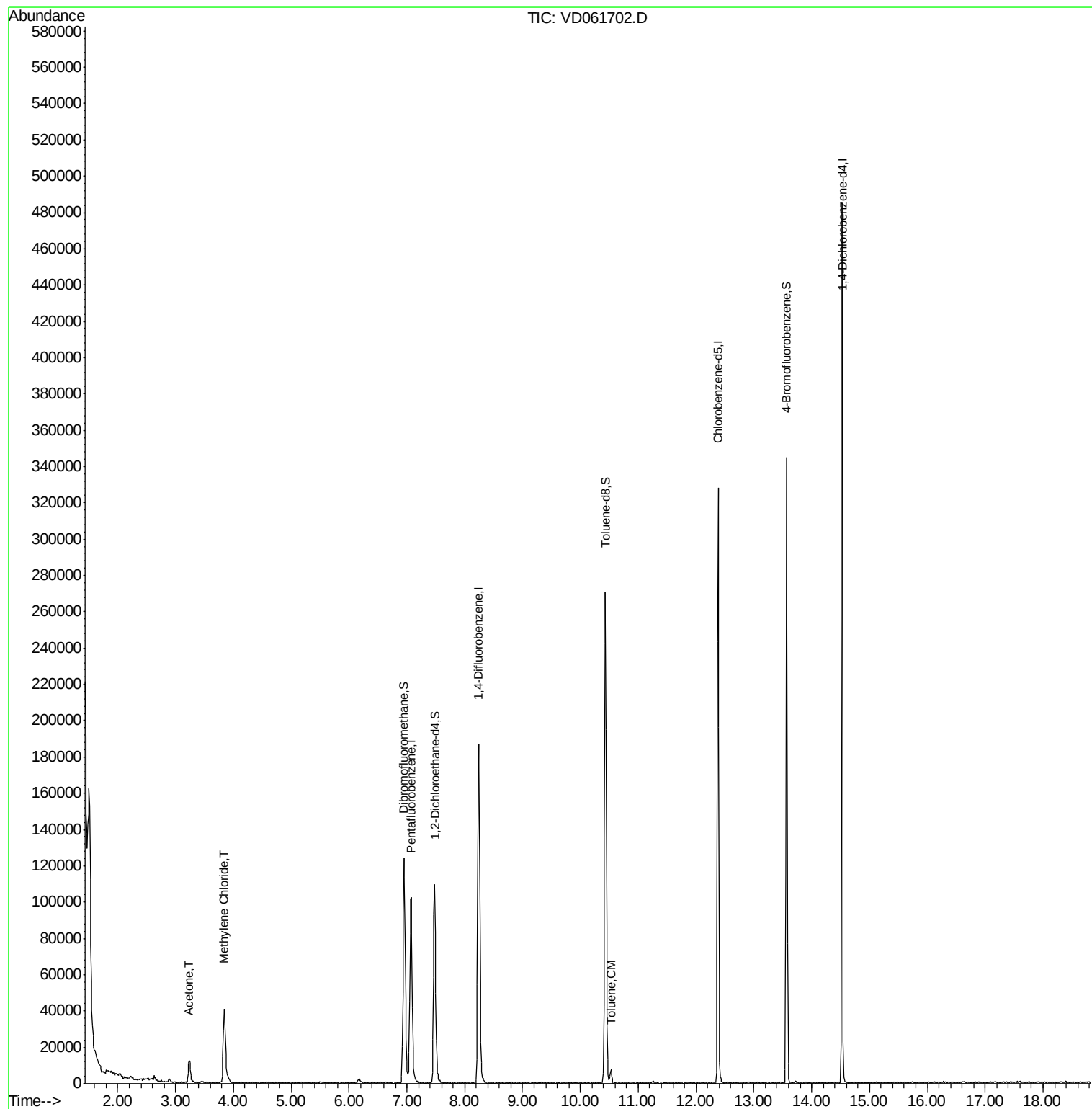
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	115793	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	233296	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	205975	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	107617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	105393	120.08	ug/l	0.03
Spiked Amount 50.000			Recovery	=	240.16%	
35) Dibromofluoromethane	6.95	113	119613	74.01	ug/l	0.03
Spiked Amount 50.000			Recovery	=	148.02%	
50) Toluene-d8	10.43	98	243806	60.04	ug/l	0.03
Spiked Amount 50.000			Recovery	=	120.08%	
62) 4-Bromofluorobenzene	13.56	95	109720	92.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	185.20%	
Target Compounds						
16) Acetone	3.24	43	25957	98.931	ug/l	94
20) Methylene Chloride	3.85	84	32385	21.752	ug/l	94
52) Toluene	10.53	92	4826	1.569	ug/l	94

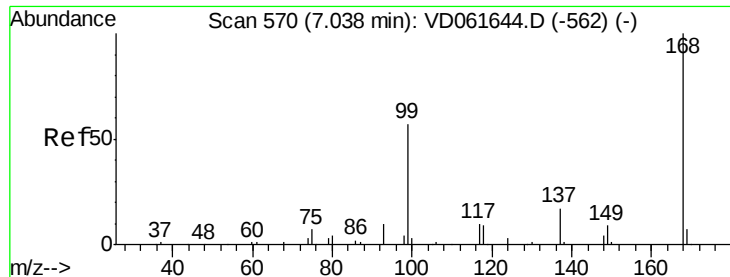
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.04 min

Lab File: VD061702.D

Acq: 10 Apr 2019 6:12

Instrument :

MSVOA_D

ClientSampleId :

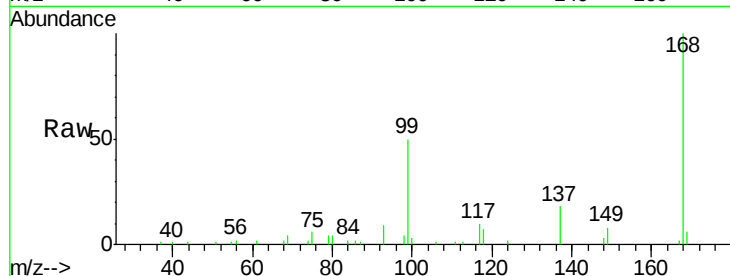
TP-2-DEEP

Tot Ion:168 Resp: 115793

Ion Ratio Lower Upper

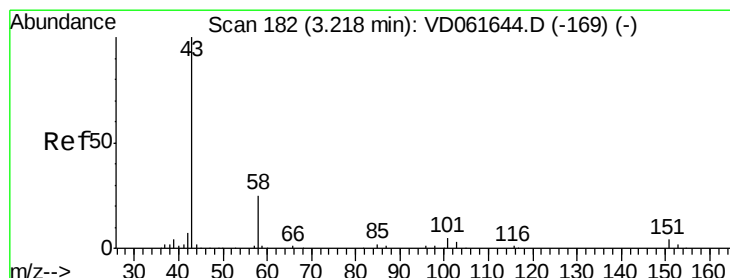
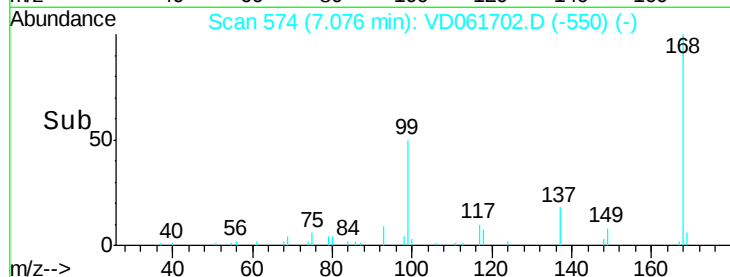
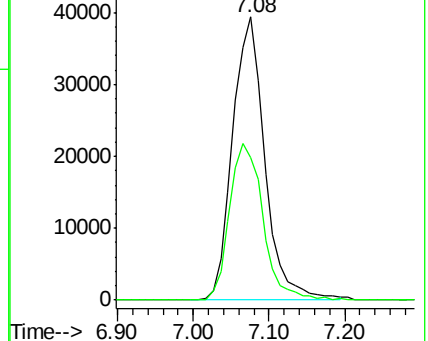
168 100

99 50.5 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: 98.931 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD061702.D

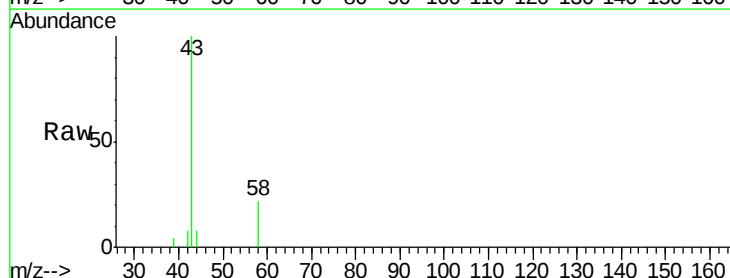
Acq: 10 Apr 2019 6:12

Tgt Ion: 43 Resp: 25957

Ion Ratio Lower Upper

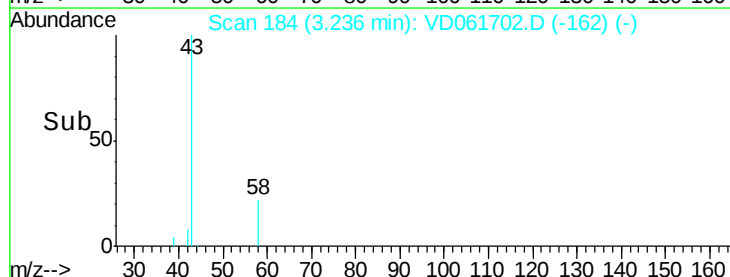
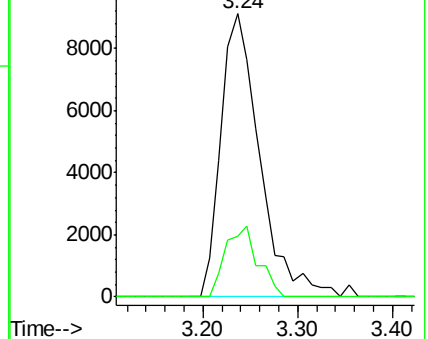
43 100

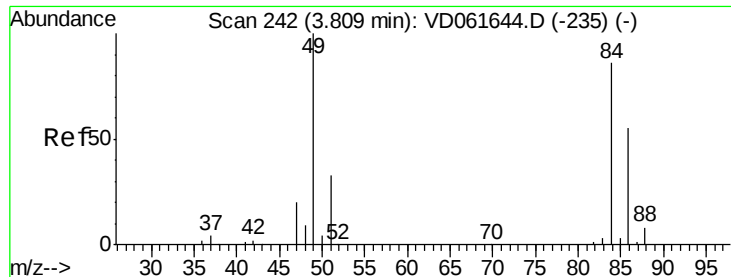
58 21.5 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

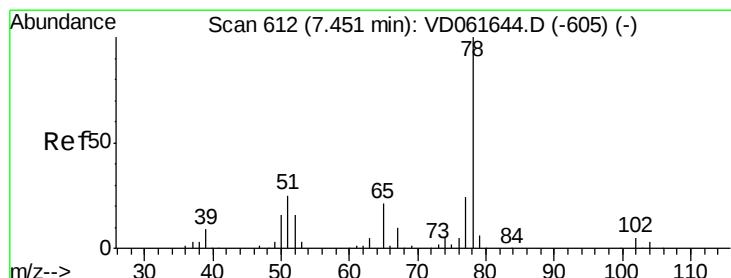
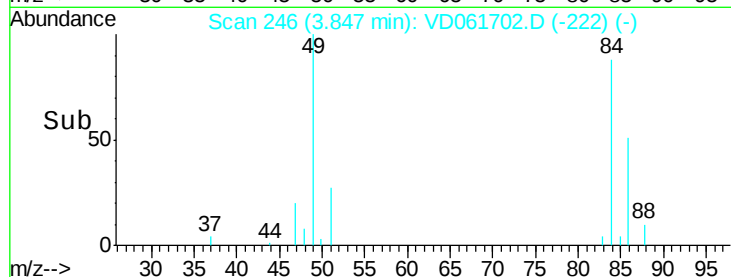
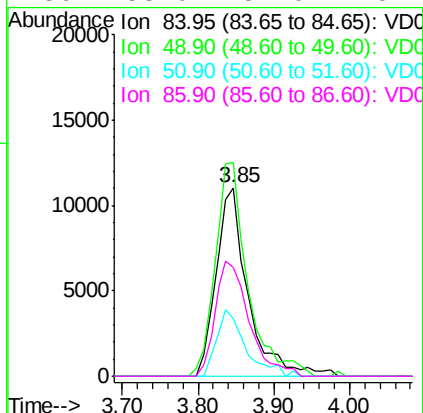
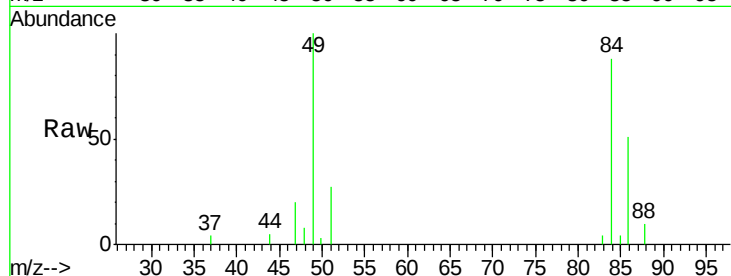




#20
Methylene Chloride
Concen: 21.752 ug/l
RT: 3.85 min Scan# 246
Delta R.T. 0.04 min
Lab File: VD061702.D
Acq: 10 Apr 2019 6:12

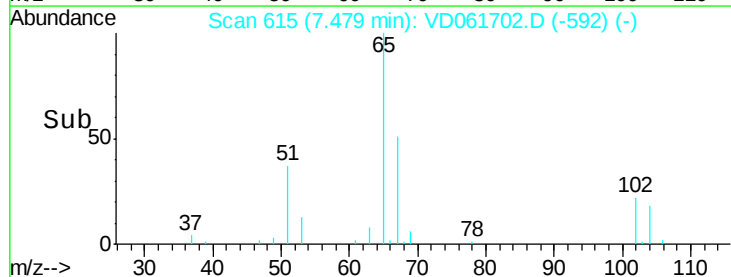
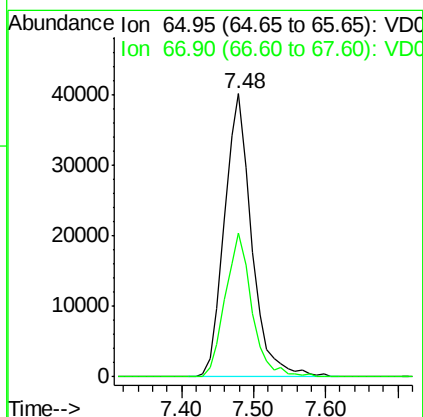
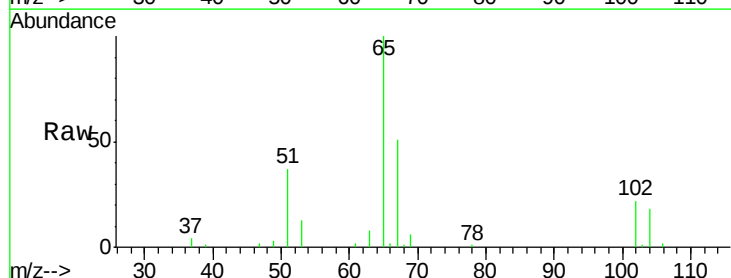
Instrument :
MSVOA_D
ClientSampleId :
TP-2-DEEP

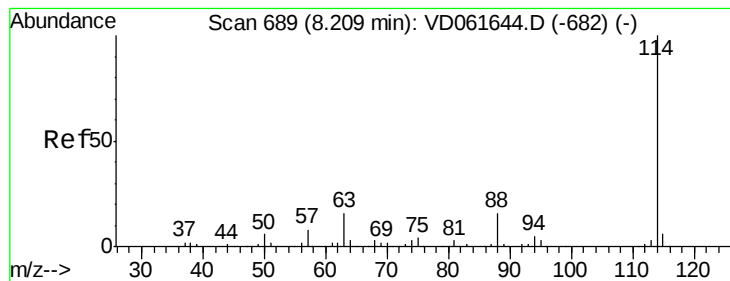
Tot Ion: 84 Resp: 32385
Ion Ratio Lower Upper
84 100
49 113.5 93.0 139.4
51 30.5 30.4 45.6
86 58.0 51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.48 min Scan# 615
Delta R.T. 0.03 min
Lab File: VD061702.D
Acq: 10 Apr 2019 6:12

Tgt Ion: 65 Resp: 105393
Ion Ratio Lower Upper
65 100
67 50.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 692

Delta R.T. 0.03 min

Lab File: VD061702.D

Acq: 10 Apr 2019 6:12

Instrument :

MSVOA_D

ClientSampleId :

TP-2-DEEP

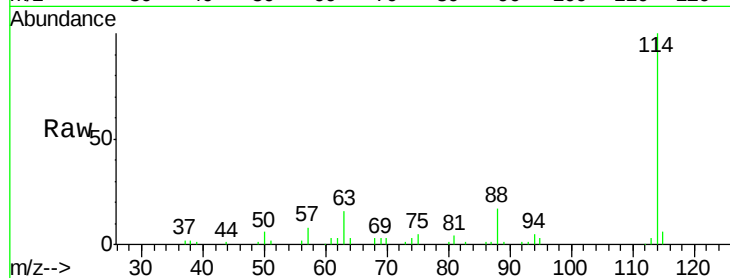
Tot Ion:114 Resp: 233296

Ion Ratio Lower Upper

114 100

63 16.3 0.0 31.2

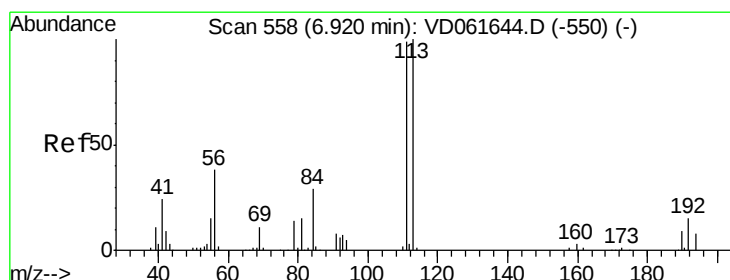
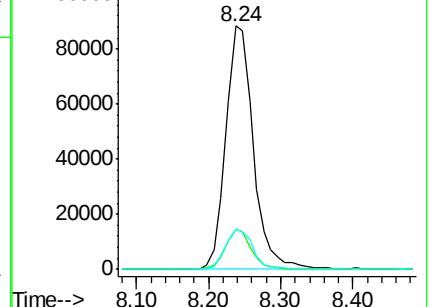
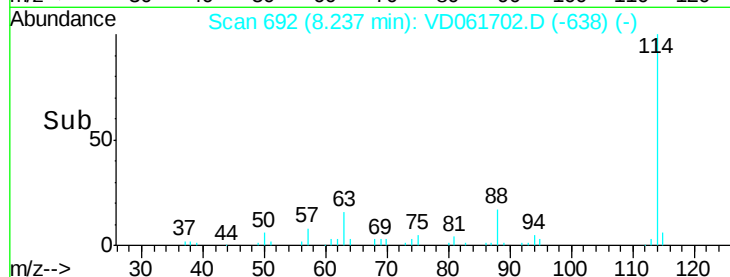
88 16.7 0.0 31.8



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: 6.95 min Scan# 561

Delta R.T. 0.03 min

Lab File: VD061702.D

Acq: 10 Apr 2019 6:12

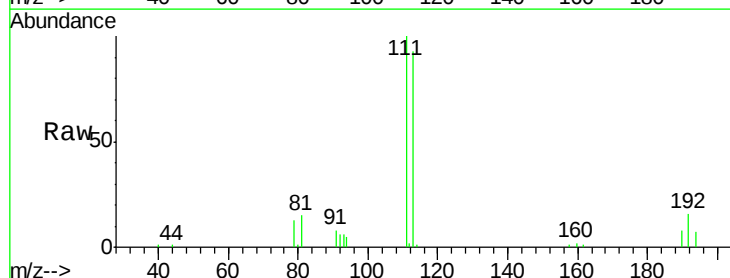
Tgt Ion:113 Resp: 119613

Ion Ratio Lower Upper

113 100

111 108.0 79.3 118.9

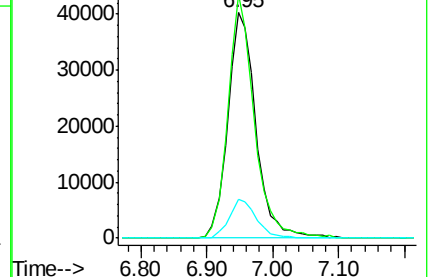
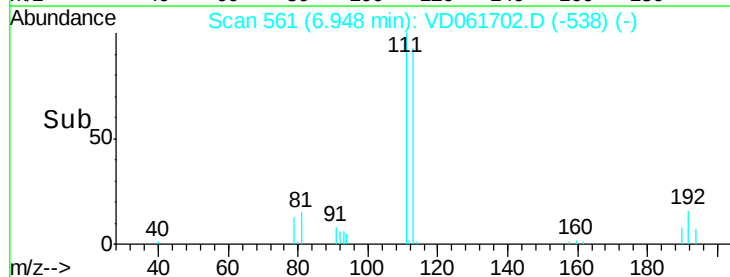
192 17.2 12.3 18.5

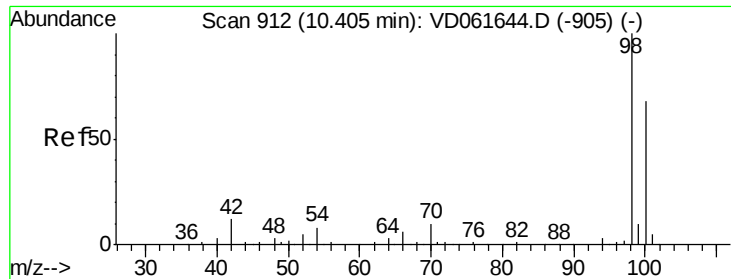


Abundance Ion 112.90 (112.60 to 113.60): V

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: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD061702.D

Acq: 10 Apr 2019 6:12

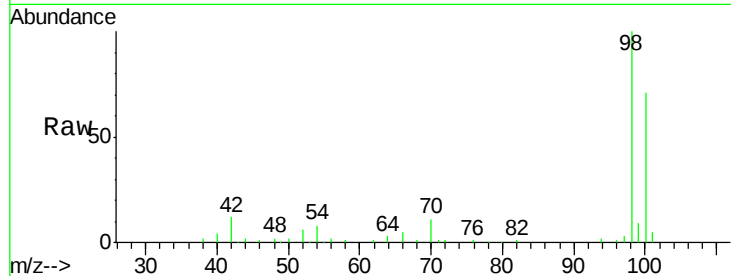
Instrument :
MSVOA_D
ClientSampleId :
TP-2-DEEP

Tot Ion: 98 Resp: 243806

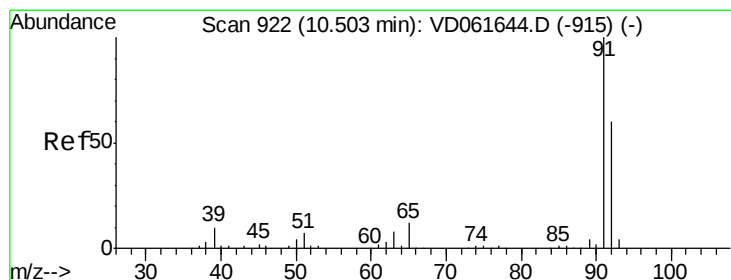
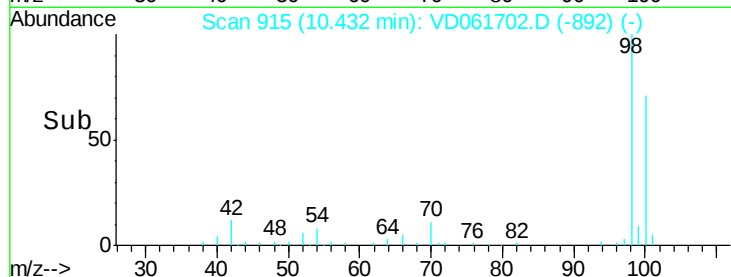
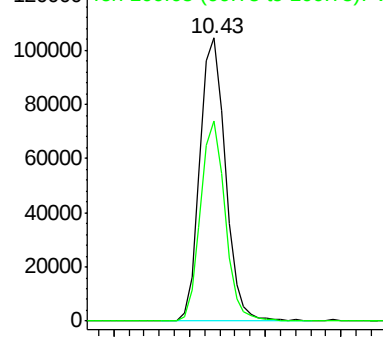
Ion Ratio Lower Upper

98 100

100 70.9 55.4 83.0



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



#52

Toluene

Concen: 1.569 ug/l

RT: 10.53 min Scan# 925

Delta R.T. 0.03 min

Lab File: VD061702.D

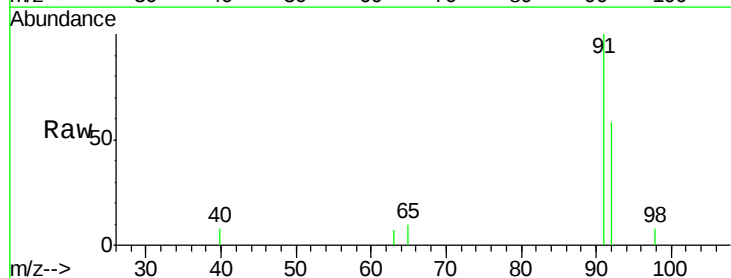
Acq: 10 Apr 2019 6:12

Tgt Ion: 92 Resp: 4826

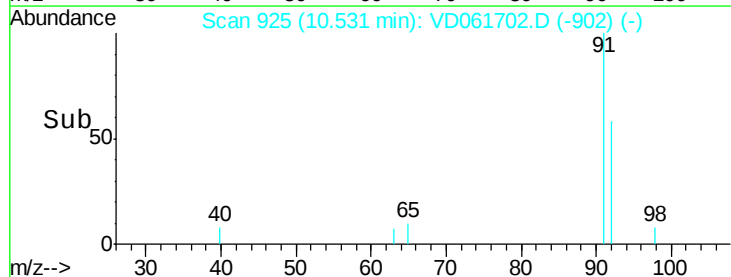
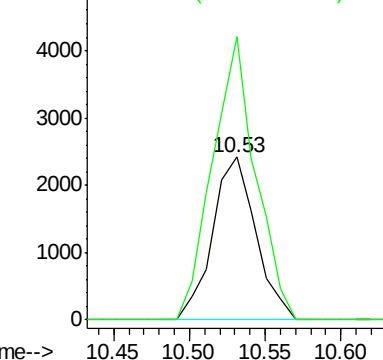
Ion Ratio Lower Upper

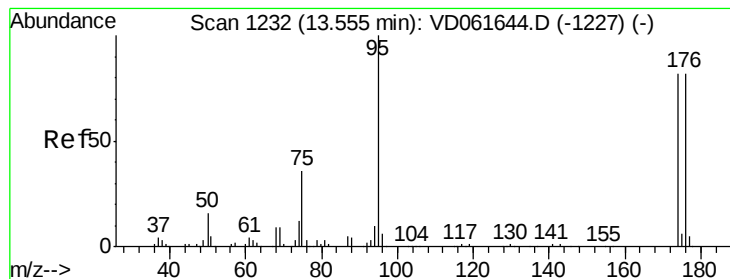
92 100

91 173.7 133.0 199.4



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061702.D

Acq: 10 Apr 2019 6:12

Instrument :

MSVOA_D

ClientSampleId :

TP-2-DEEP

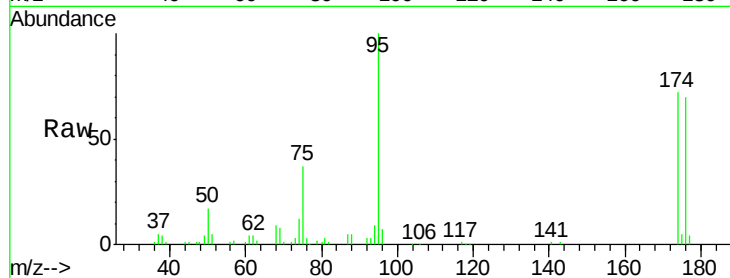
Tot Ion: 95 Resp: 109720

Ion Ratio Lower Upper

95 100

174 72.3 0.0 164.6

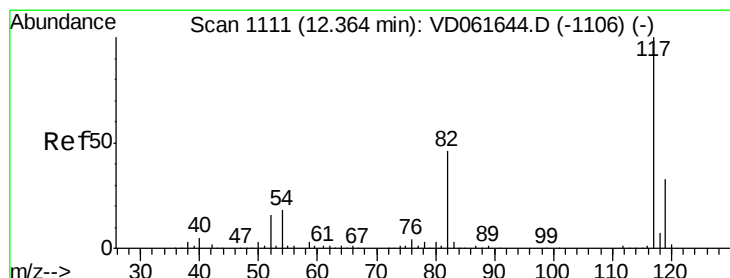
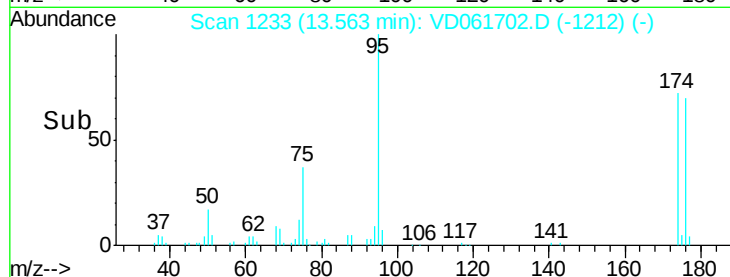
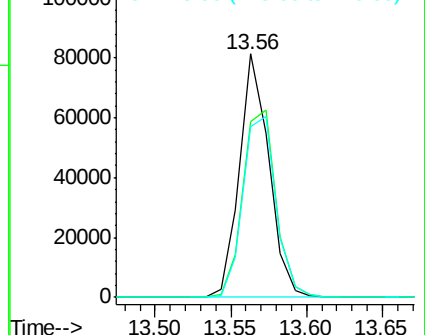
176 70.0 0.0 165.0



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: 50.000 ug/l

RT: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD061702.D

Acq: 10 Apr 2019 6:12

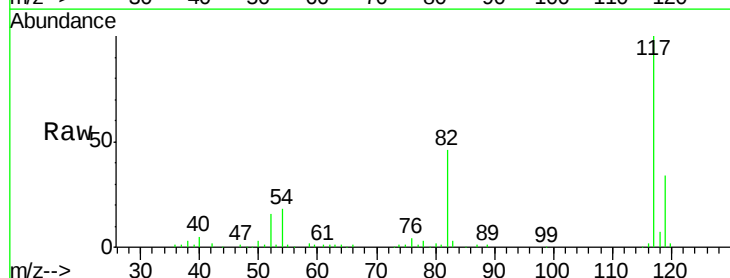
Tgt Ion: 117 Resp: 205975

Ion Ratio Lower Upper

117 100

82 45.7 36.8 55.2

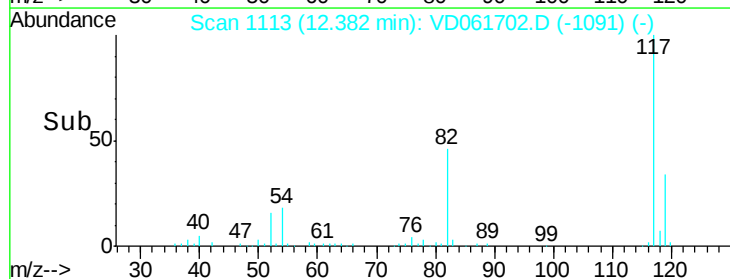
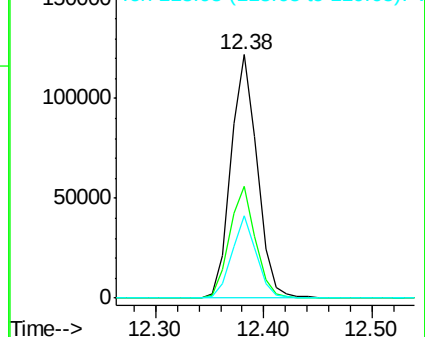
119 33.8 26.1 39.1

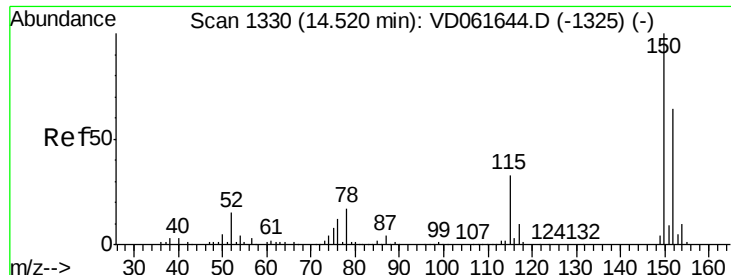


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

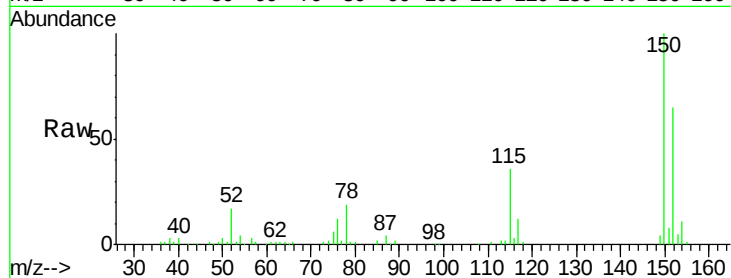




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD061702.D
 Acq: 10 Apr 2019 6:12

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-DEEP

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.7	26.4	79.2
150	153.1	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

