

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061767.D
 Acq On : 12 Apr 2019 6:06
 Operator : VA/AP
 Sample : K2345-04
 Misc : 7.83g/5ml/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Apr 12 07:03:24 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

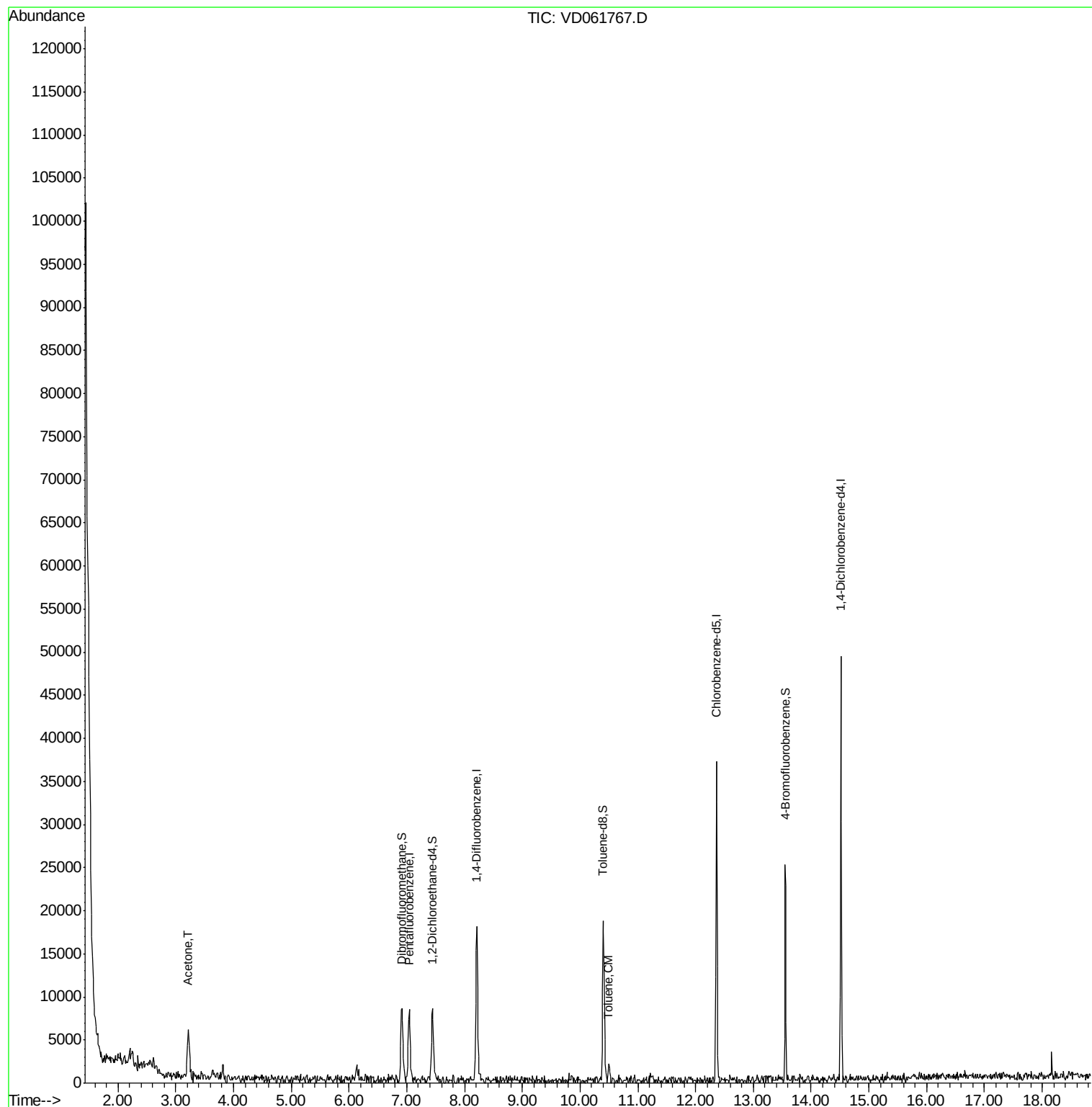
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	11230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	24169	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	24988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	11489	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	10452	122.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	245.58%	
35) Dibromofluoromethane	6.92	113	9909	59.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.36%	
50) Toluene-d8	10.40	98	18449	43.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.72%	
62) 4-Bromofluorobenzene	13.55	95	9645	71.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	142.88%	
Target Compounds						
16) Acetone	3.22	43	11628	456.967	ug/l	91
52) Toluene	10.50	92	1041	3.267	ug/l #	43

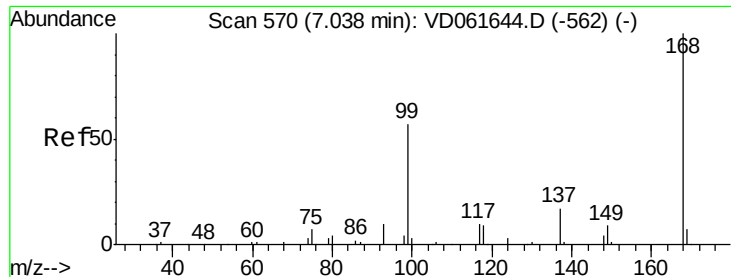
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041119\
Data File : VD061767.D
Acq On : 12 Apr 2019 6:06
Operator : VA/AP
Sample : K2345-04
Misc : 7.83g/5ml/MSVOA D/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Quant Time: Apr 12 07:03:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration

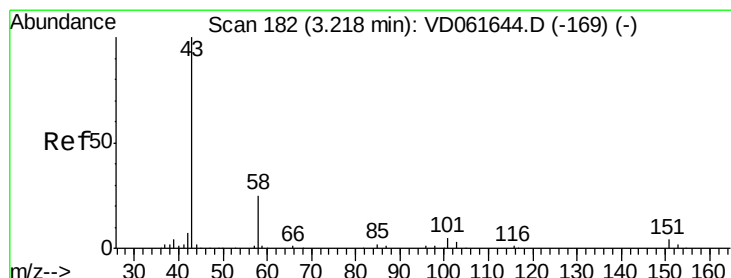
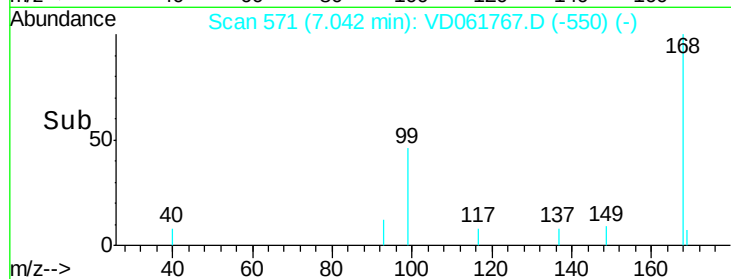
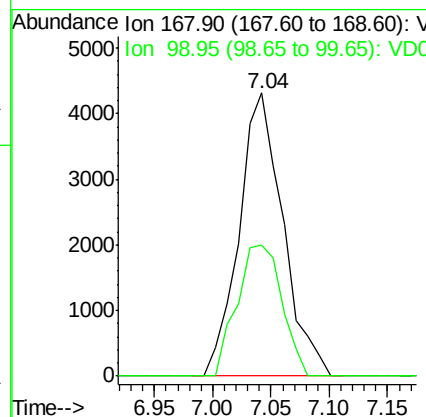
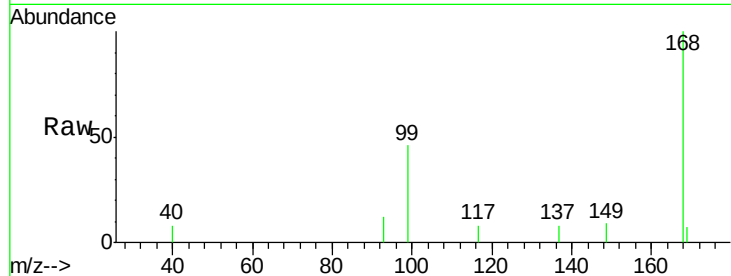




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.00 min
Lab File: VD061767.D
Acq: 12 Apr 2019 6:06

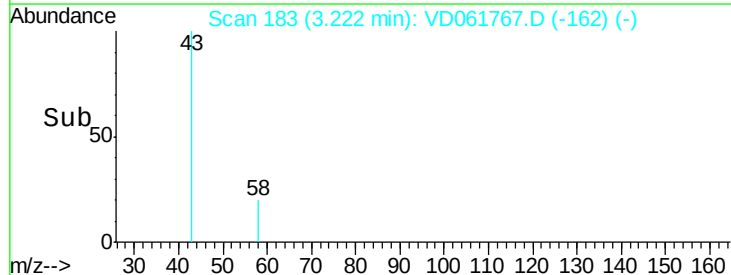
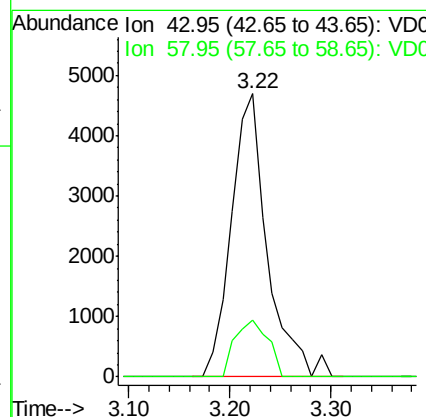
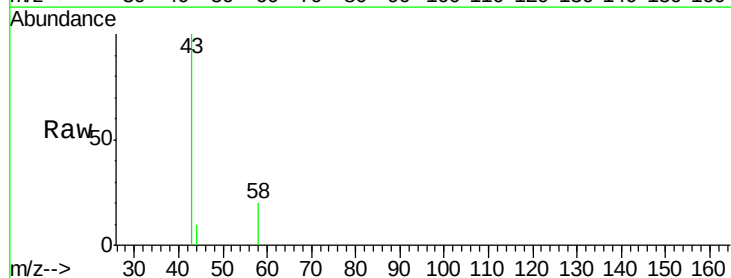
Instrument :
MSVOA_D
ClientSampleId :
TP-2

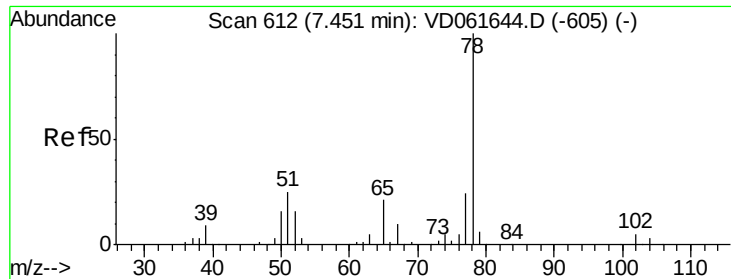
Tot Ion:168 Resp: 11230
Ion Ratio Lower Upper
168 100
99 46.3 46.8 70.2#



#16
Acetone
Concen: 456.967 ug/l
RT: 3.22 min Scan# 183
Delta R.T. 0.00 min
Lab File: VD061767.D
Acq: 12 Apr 2019 6:06

Tgt Ion: 43 Resp: 11628
Ion Ratio Lower Upper
43 100
58 20.3 19.7 29.5





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD061767.D

Acq: 12 Apr 2019 6:06

Instrument :

MSVOA_D

ClientSampled :

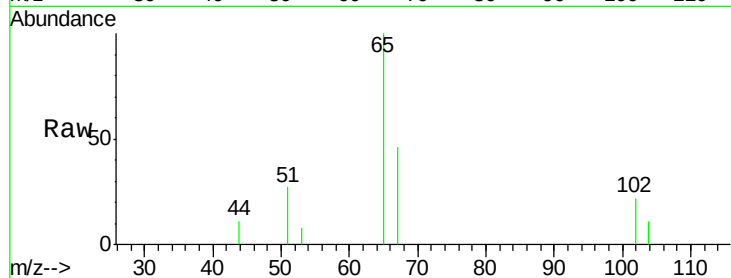
TP-2

Tot Ion: 65 Resp: 10452

Ion Ratio Lower Upper

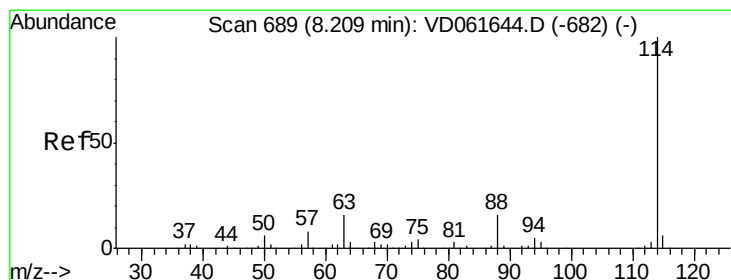
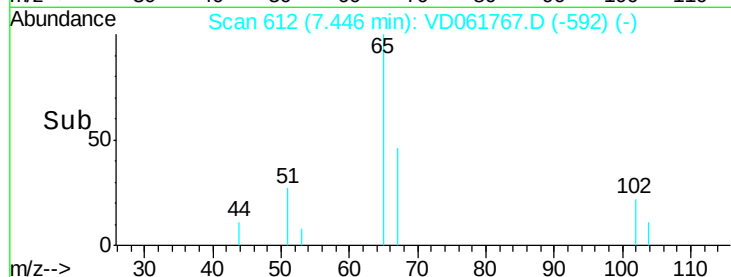
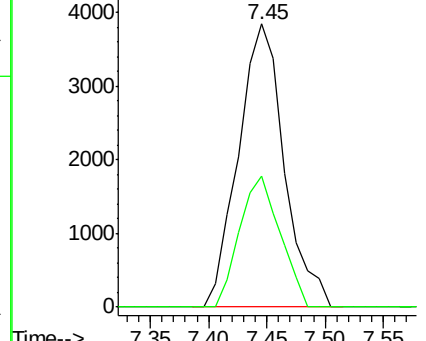
65 100

67 46.3 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# 690

Delta R.T. 0.00 min

Lab File: VD061767.D

Acq: 12 Apr 2019 6:06

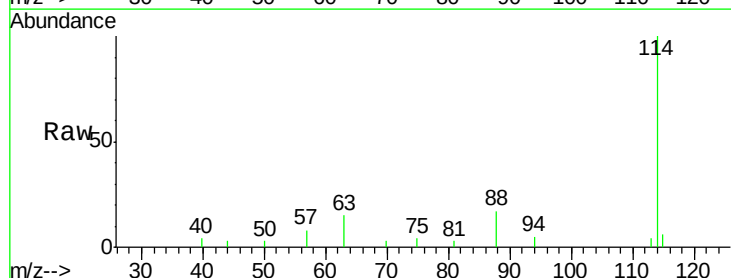
Tgt Ion: 114 Resp: 24169

Ion Ratio Lower Upper

114 100

63 14.8 0.0 31.2

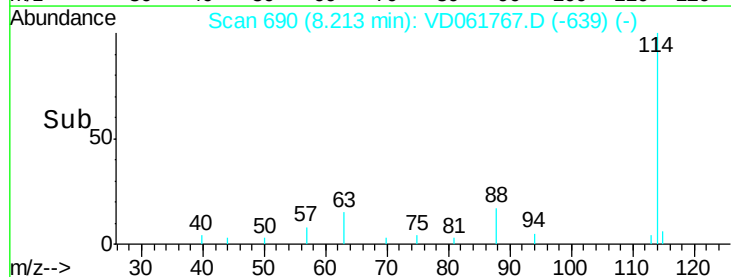
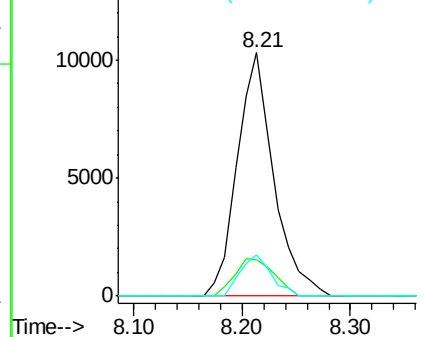
88 17.0 0.0 31.8

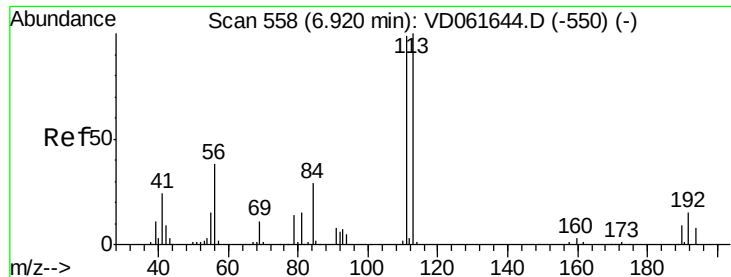


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD061767.D

Acq: 12 Apr 2019 6:06

Instrument :

MSVOA_D

ClientSampleId :

TP-2

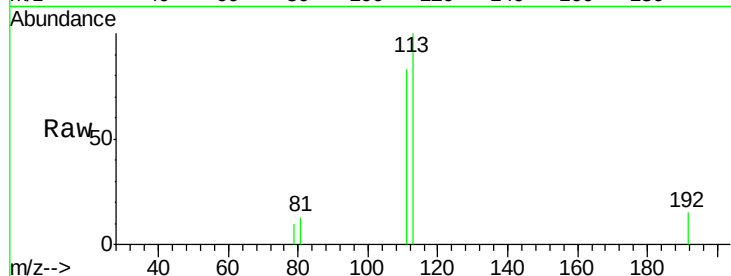
Tot Ion:113 Resp: 9909

Ion Ratio Lower Upper

113 100

111 83.4 79.3 118.9

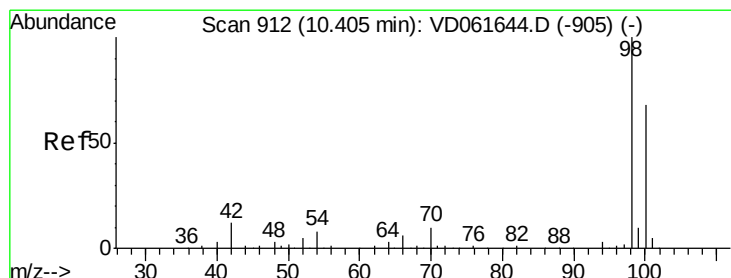
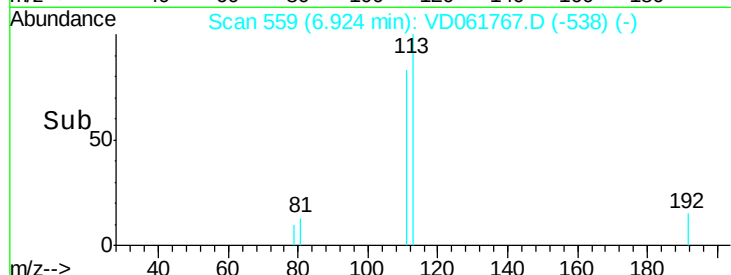
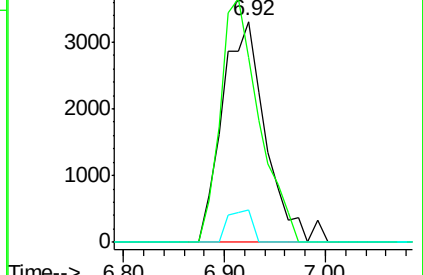
192 14.9 12.3 18.5



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: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD061767.D

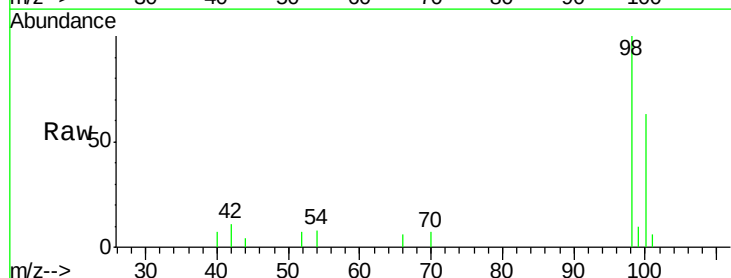
Acq: 12 Apr 2019 6:06

Tgt Ion: 98 Resp: 18449

Ion Ratio Lower Upper

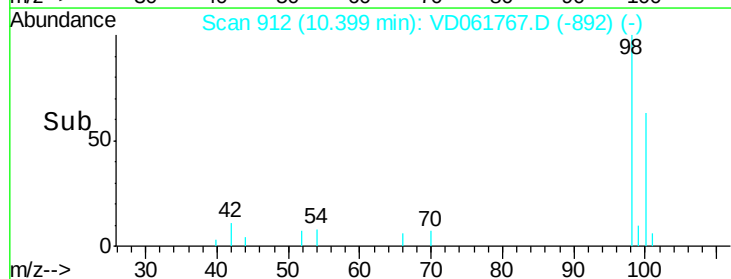
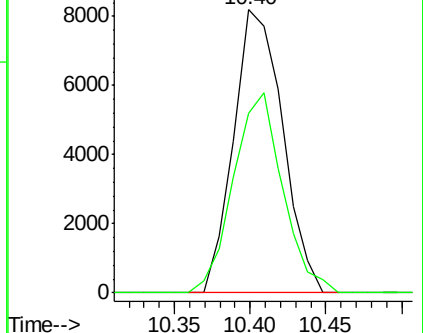
98 100

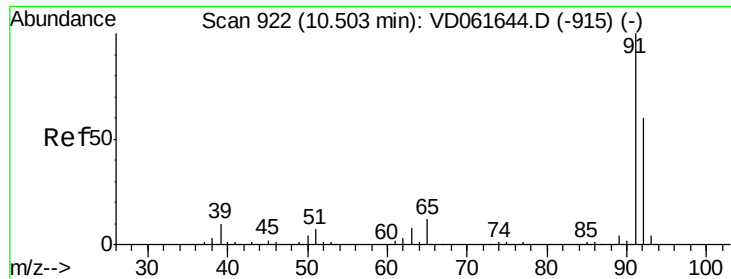
100 63.4 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 3.267 ug/l

RT: 10.50 min Scan# 922

Delta R.T. -0.01 min

Lab File: VD061767.D

Acq: 12 Apr 2019 6:06

Instrument :

MSVOA_D

ClientSampled :

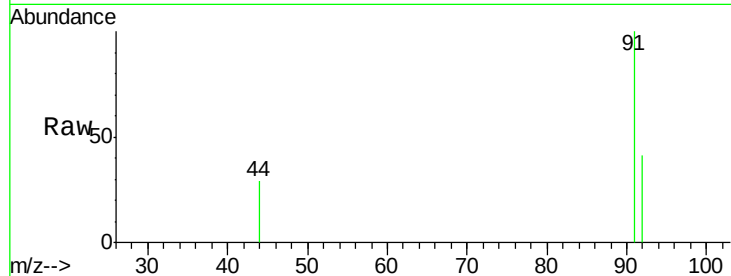
TP-2

Tot Ion: 92 Resp: 1041

Ion Ratio Lower Upper

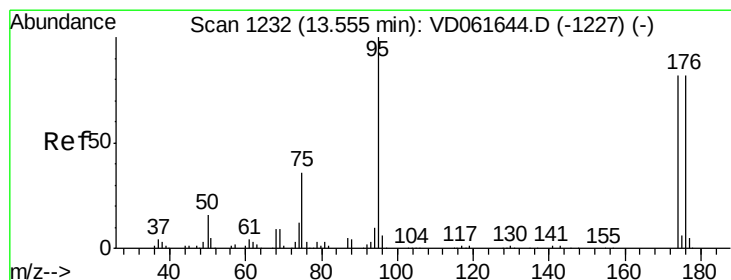
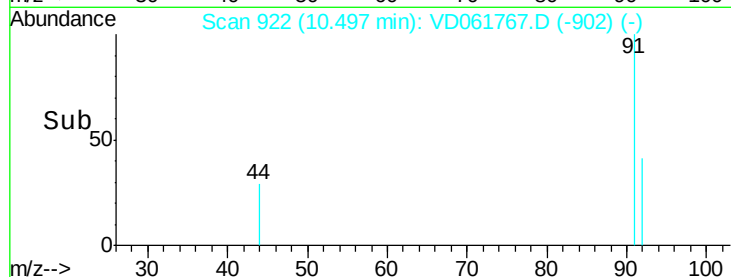
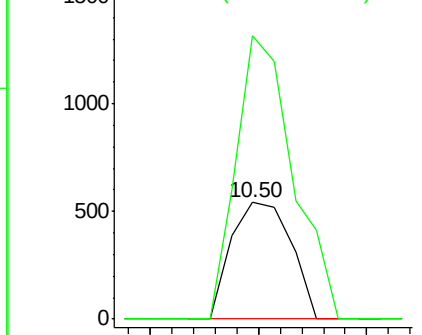
92 100

91 242.9 133.0 199.4#



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: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061767.D

Acq: 12 Apr 2019 6:06

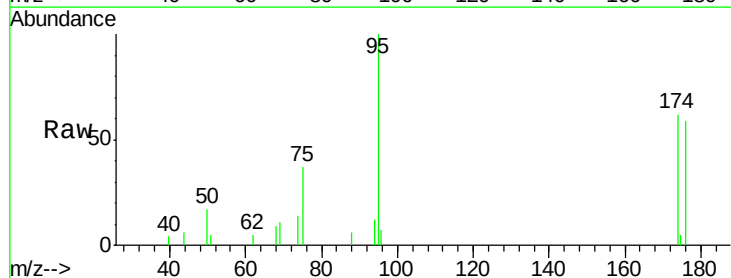
Tgt Ion: 95 Resp: 9645

Ion Ratio Lower Upper

95 100

174 61.9 0.0 164.6

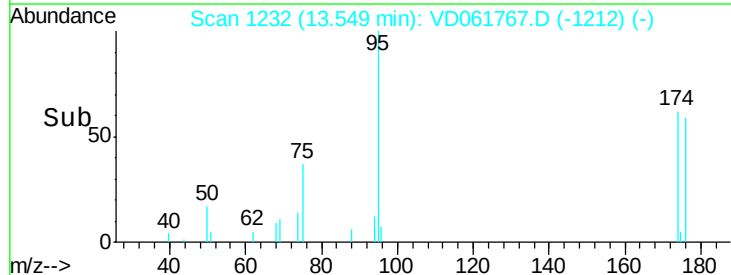
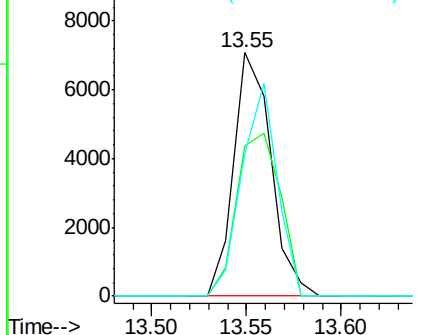
176 58.6 0.0 165.0

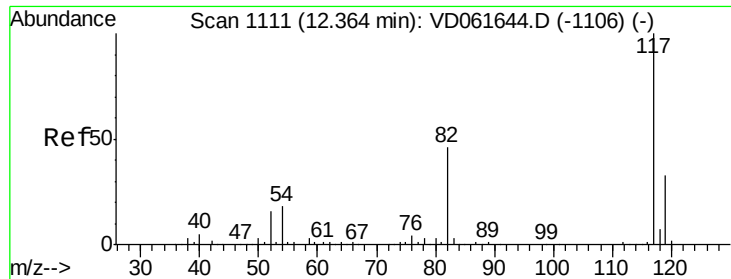


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

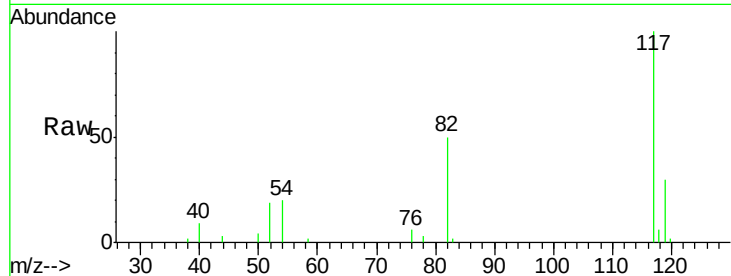




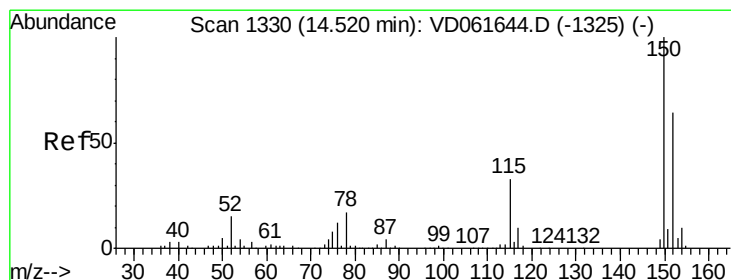
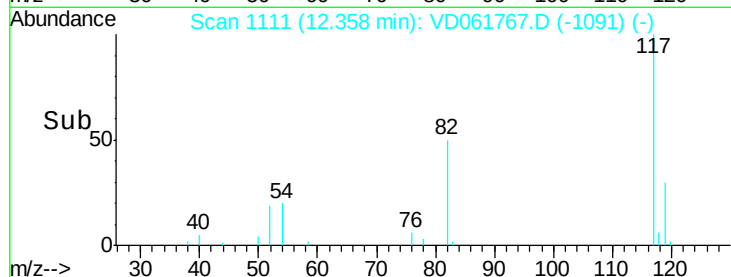
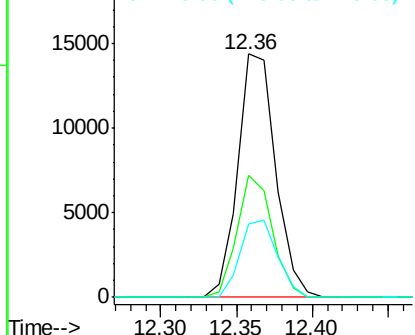
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD061767.D
Acq: 12 Apr 2019 6:06

Instrument :
MSVOA_D
ClientSampled :
TP-2

Tot Ion:117 Resp: 24988
Ion Ratio Lower Upper
117 100
82 50.1 36.8 55.2
119 30.1 26.1 39.1

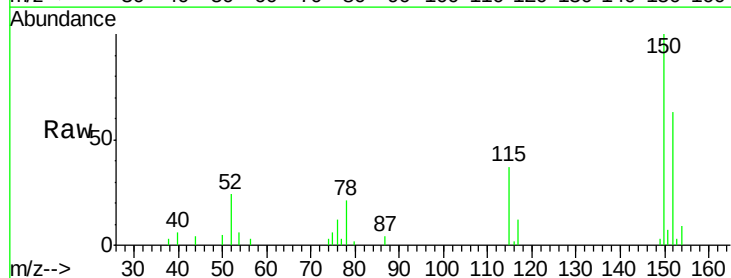


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD061767.D
Acq: 12 Apr 2019 6:06

Tgt Ion:152 Resp: 11489
Ion Ratio Lower Upper
152 100
115 58.0 26.4 79.2
150 158.9 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

