

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060419\
 Data File : VD062606.D
 Acq On : 4 Jun 2019 18:53
 Operator : FY/SY
 Sample : K3183-11
 Misc : 5.92g/5mL/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Jun 05 04:32:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

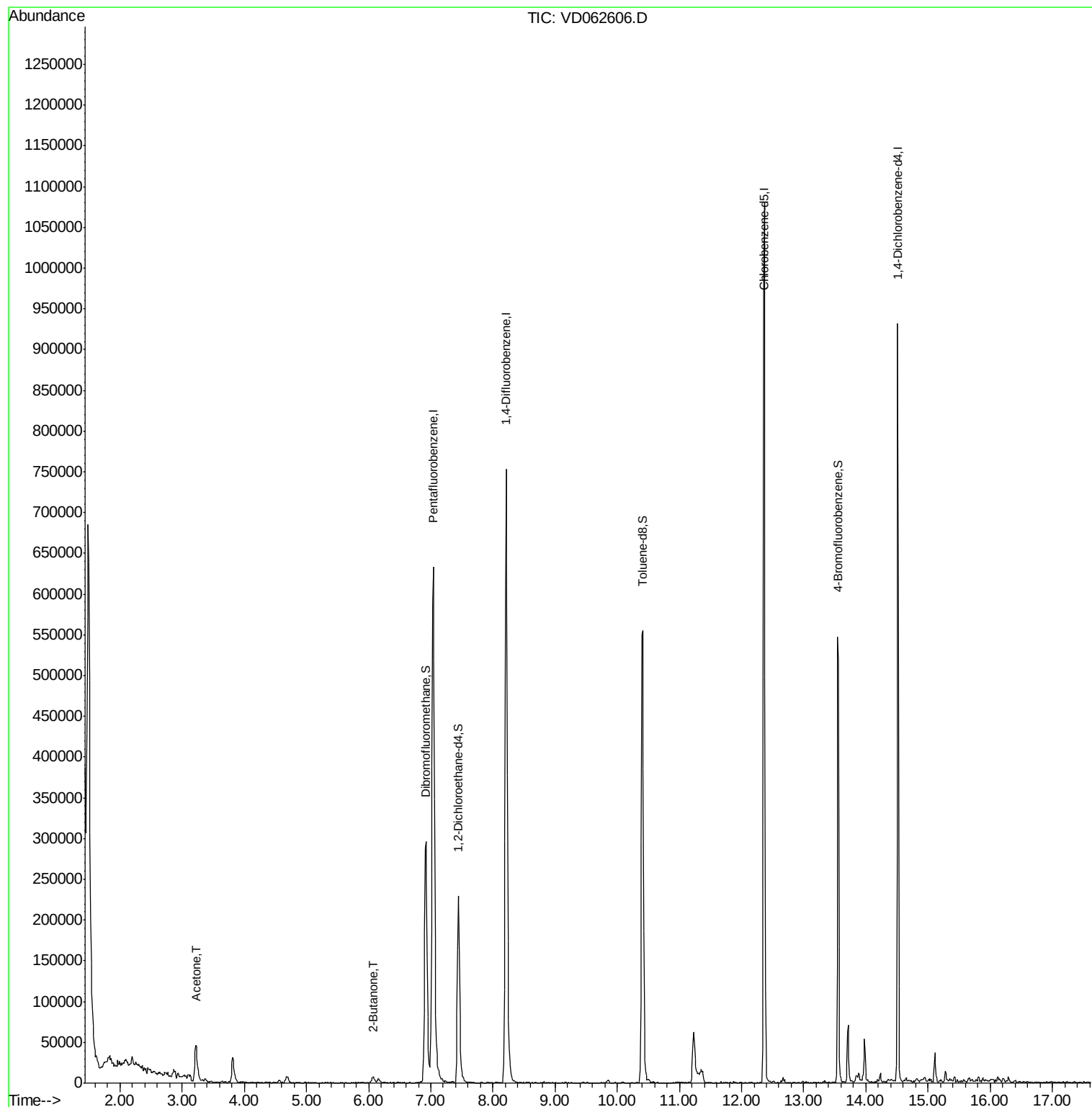
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	604393	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	758309	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	561613	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	193111	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	273543	38.60	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	77.20%	
35) Dibromofluoromethane	6.91	113	252093	36.48	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	72.96%	
50) Toluene-d8	10.41	98	457460	30.21	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	60.42%	
62) 4-Bromofluorobenzene	13.55	95	155755	22.81	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	45.62%	
Target Compounds						
16) Acetone	3.22	43	96755	69.488	ug/l	99
25) 2-Butanone	6.06	43	16868	12.863	ug/l #	89

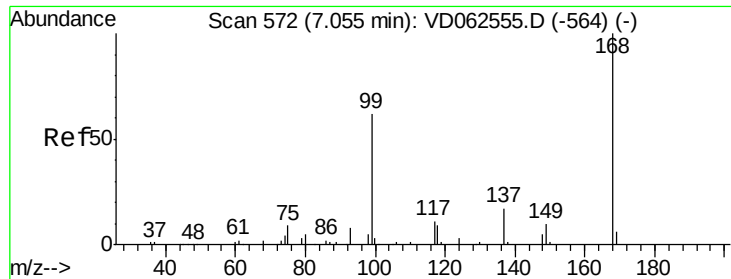
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD062606.D

Acq: 4 Jun 2019 18:53

Instrument :

MSVOA_D

ClientSampleId :

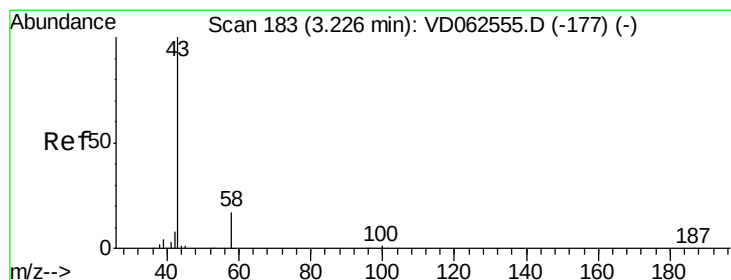
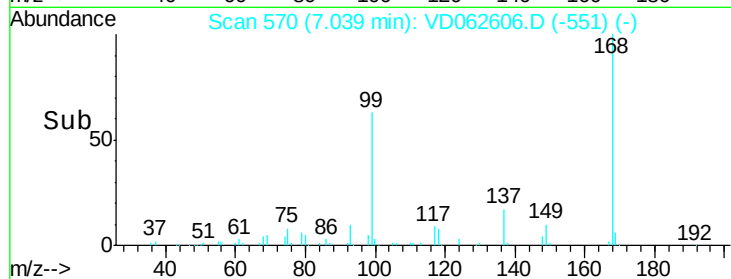
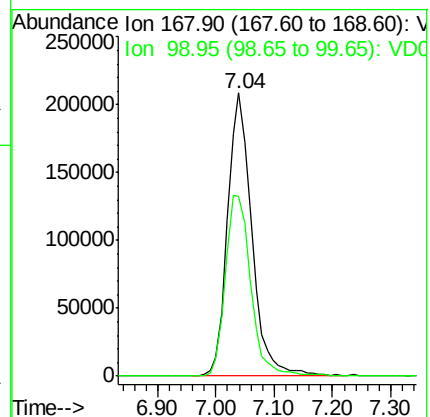
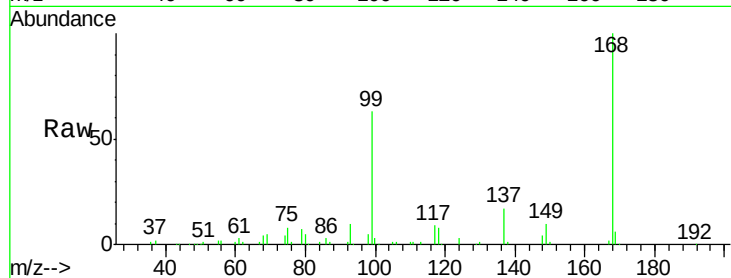
TP-4

Tot Ion:168 Resp: 604393

Ion Ratio Lower Upper

168 100

99 63.3 50.8 76.2



#16

Acetone

Concen: 69.488 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD062606.D

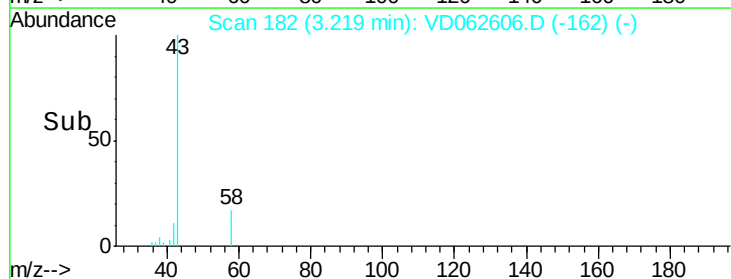
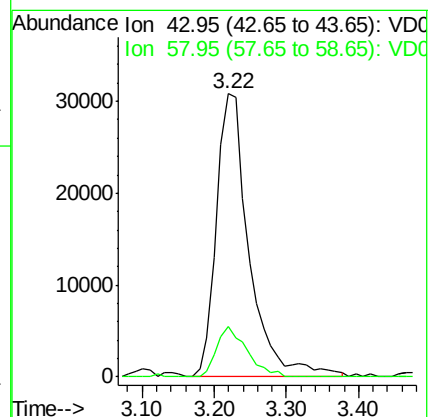
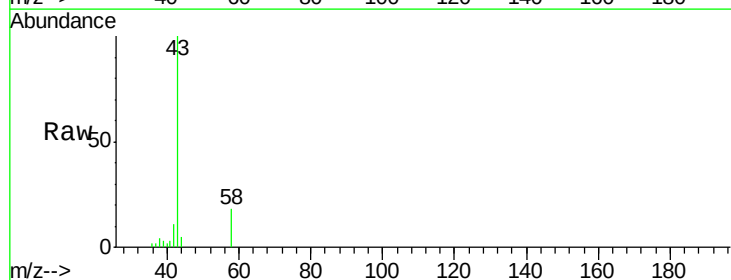
Acq: 4 Jun 2019 18:53

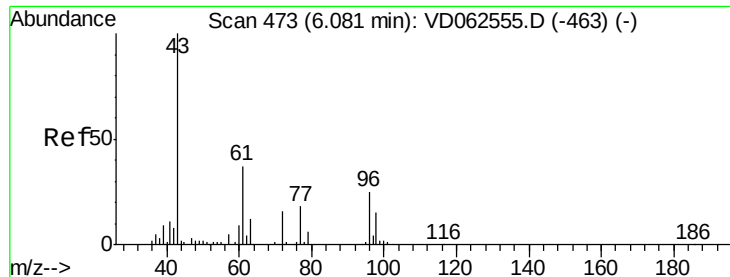
Tgt Ion: 43 Resp: 96755

Ion Ratio Lower Upper

43 100

58 17.8 13.8 20.8

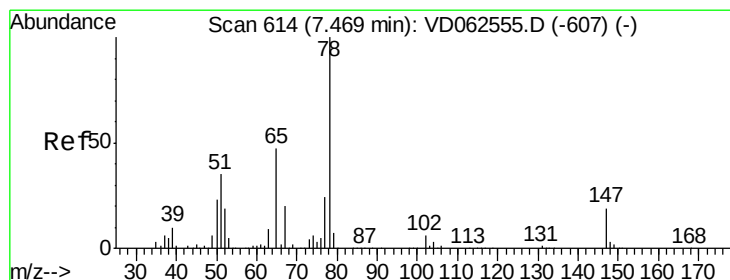
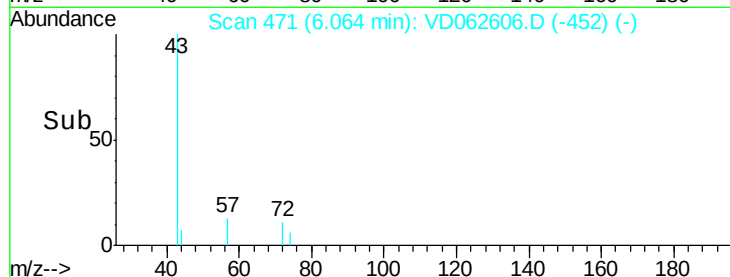
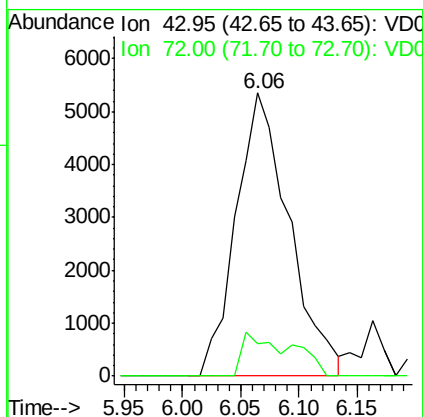
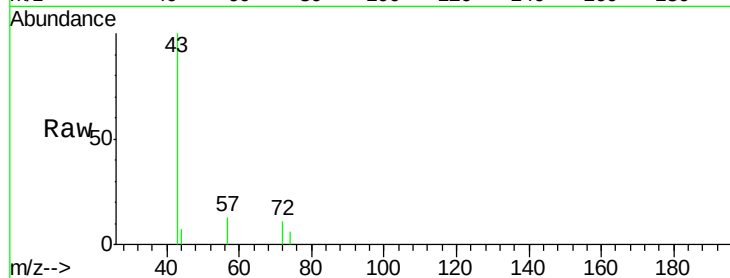




#25
 2-Butanone
 Concen: 12.863 ug/l
 RT: 6.06 min Scan# 471
 Delta R.T. -0.02 min
 Lab File: VD062606.D
 Acq: 4 Jun 2019 18:53

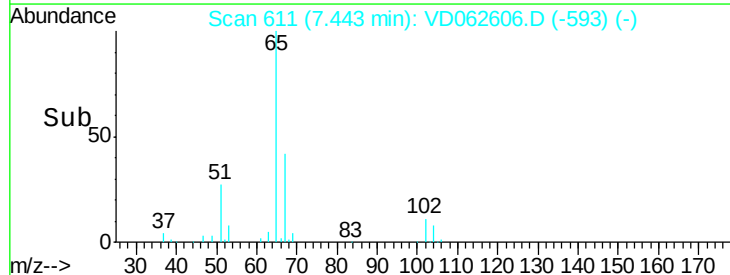
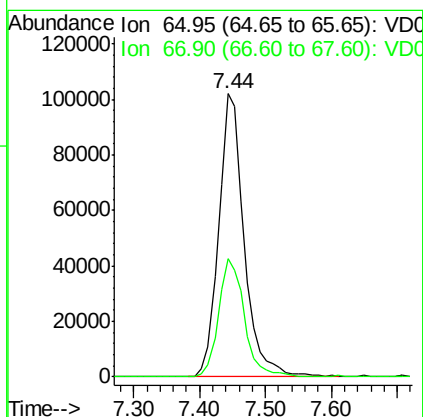
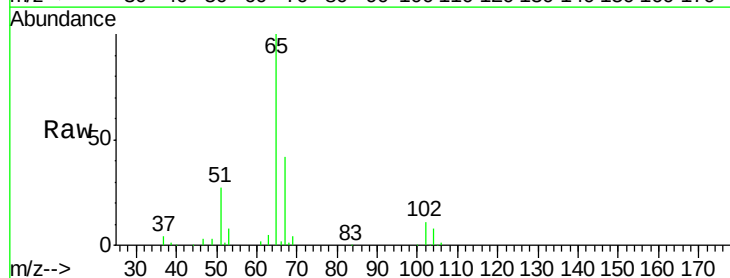
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

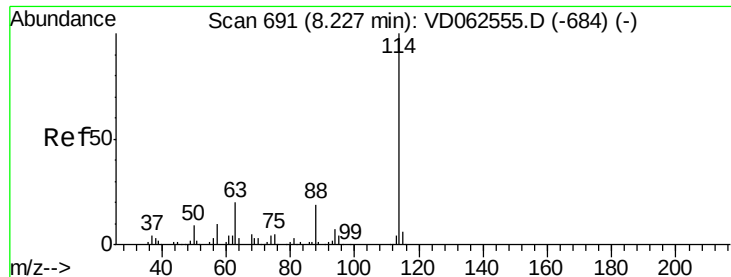
Tot Ion: 43 Resp: 16868
 Ion Ratio Lower Upper
 43 100
 72 11.4 12.7 19.1#



#33
 1,2-Dichloroethane-d4
 Concen: 38.600 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: VD062606.D
 Acq: 4 Jun 2019 18:53

Tgt Ion: 65 Resp: 273543
 Ion Ratio Lower Upper
 65 100
 67 42.0 0.0 83.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD062606.D

Acq: 4 Jun 2019 18:53

Instrument :

MSVOA_D

ClientSampleId :

TP-4

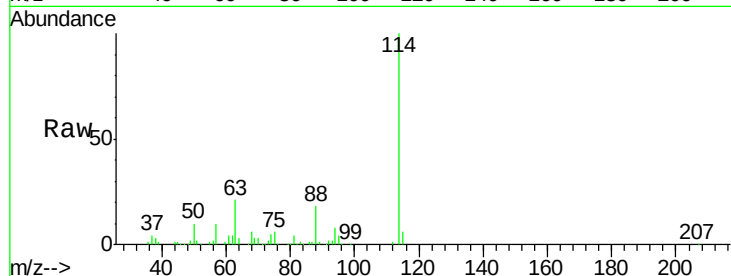
Tot Ion:114 Resp: 758309

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.6

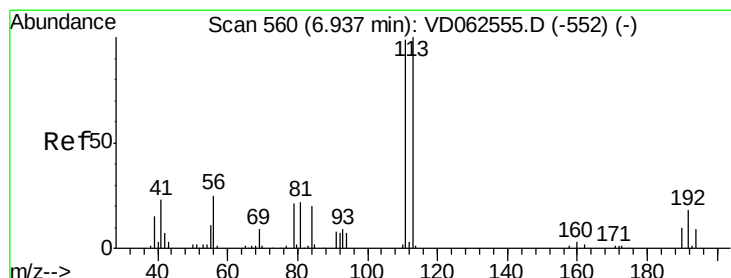
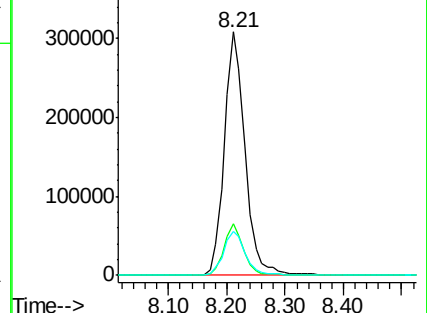
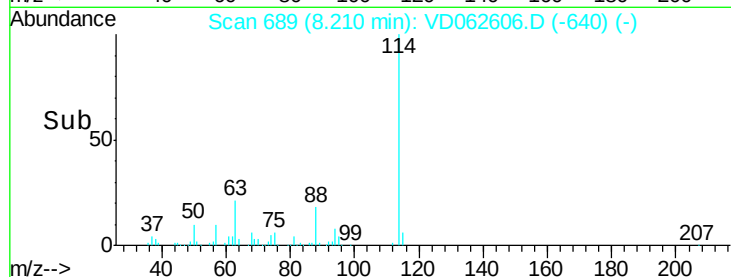
88 18.2 0.0 37.6



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: 36.481 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD062606.D

Acq: 4 Jun 2019 18:53

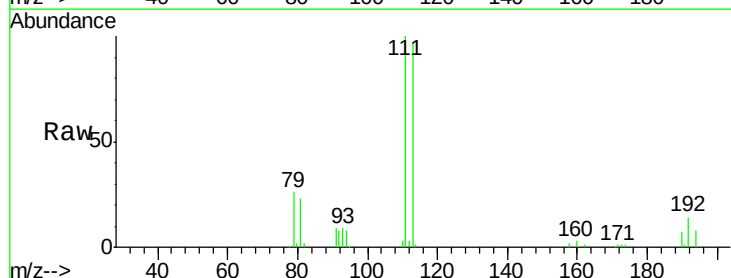
Tgt Ion:113 Resp: 252093

Ion Ratio Lower Upper

113 100

111 103.3 78.8 118.2

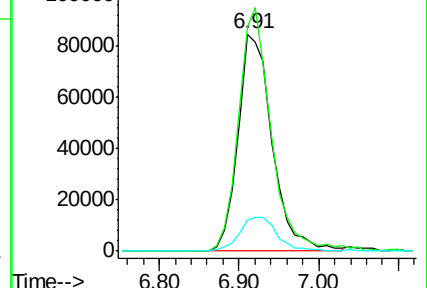
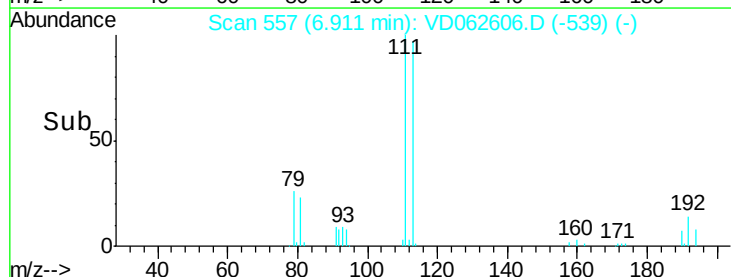
192 14.4 14.6 22.0#

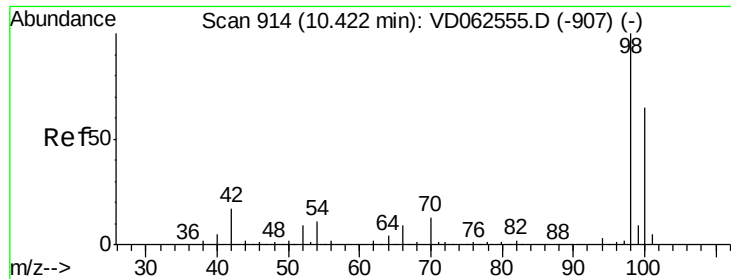


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

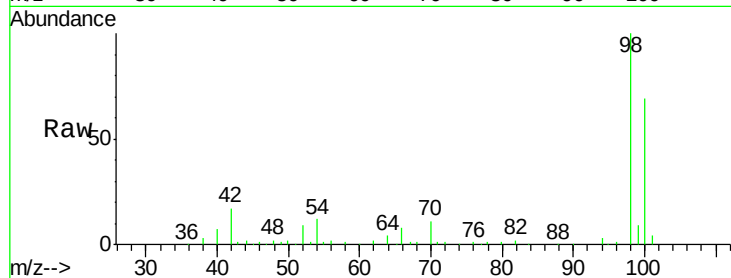




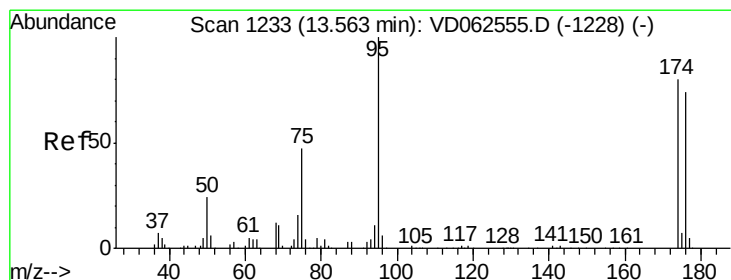
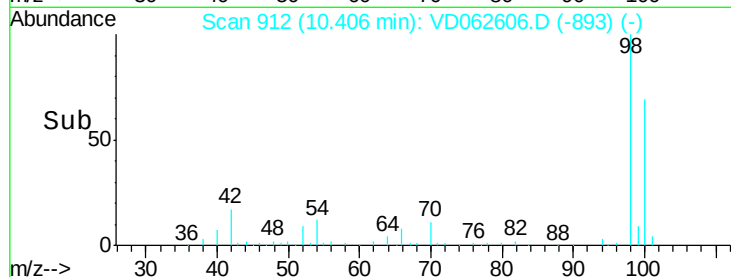
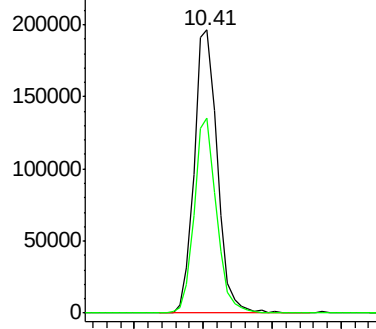
#50
Toluene-d8
Concen: 30.215 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD062606.D
Acq: 4 Jun 2019 18:53

Instrument :
MSVOA_D
ClientSampled :
TP-4

Tot Ion: 98 Resp: 457460
Ion Ratio Lower Upper
98 100
100 68.8 52.3 78.5

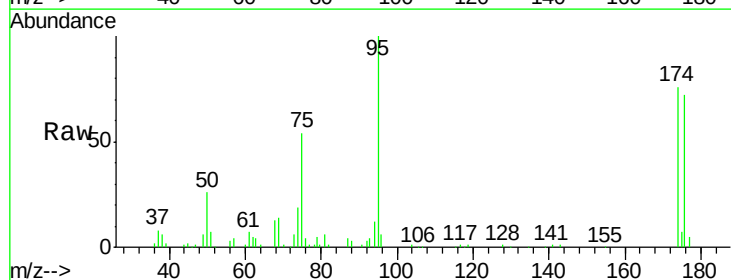


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

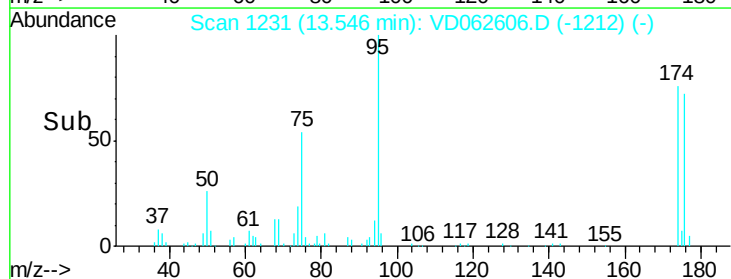
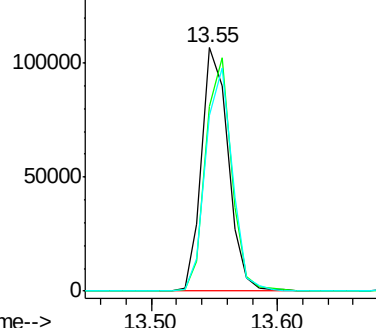


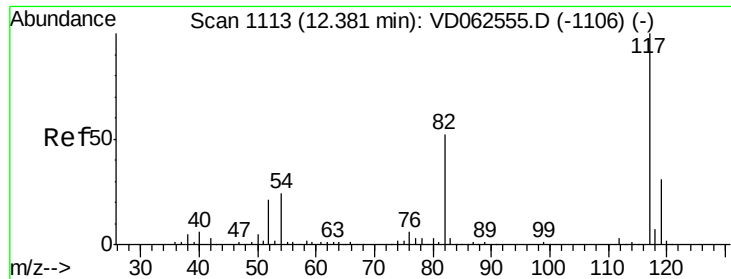
#62
4-Bromofluorobenzene
Concen: 22.812 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VD062606.D
Acq: 4 Jun 2019 18:53

Tgt Ion: 95 Resp: 155755
Ion Ratio Lower Upper
95 100
174 75.7 0.0 160.2
176 72.4 0.0 148.0



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

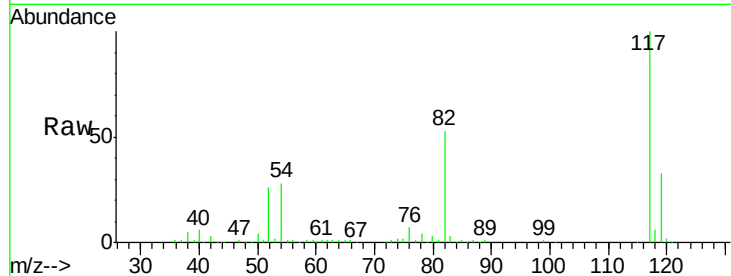




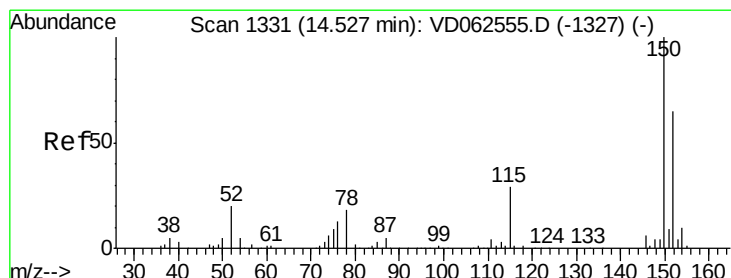
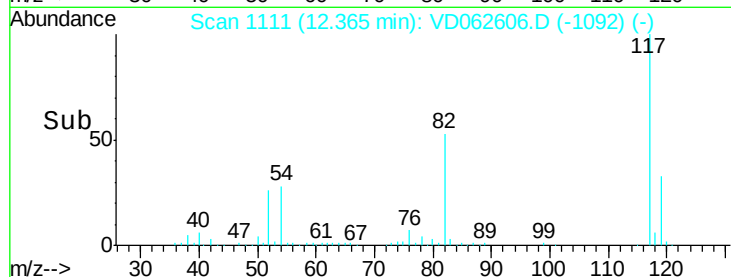
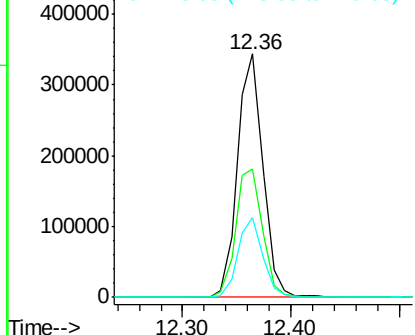
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD062606.D
Acq: 4 Jun 2019 18:53

Instrument :
MSVOA_D
ClientSampled :
TP-4

Tot Ion:117 Resp: 561613
Ion Ratio Lower Upper
117 100
82 52.9 41.4 62.2
119 32.7 24.9 37.3

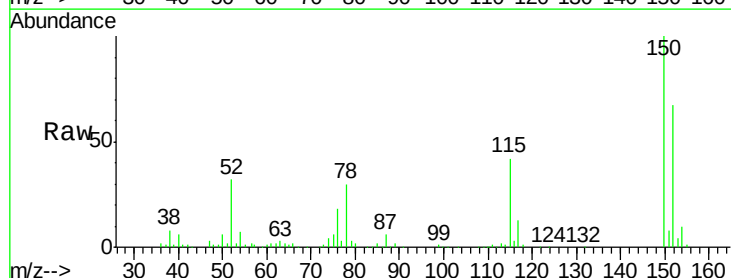


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD062606.D
Acq: 4 Jun 2019 18:53

Tgt Ion:152 Resp: 193111
Ion Ratio Lower Upper
152 100
115 63.0 28.4 85.3
150 148.5 0.0 310.4



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

