

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040819\
 Data File : VD061667.D
 Acq On : 8 Apr 2019 23:14
 Operator : VA/AP
 Sample : K2245-10
 Misc : 5.19g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-S2

Quant Time: Apr 09 03:01:06 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

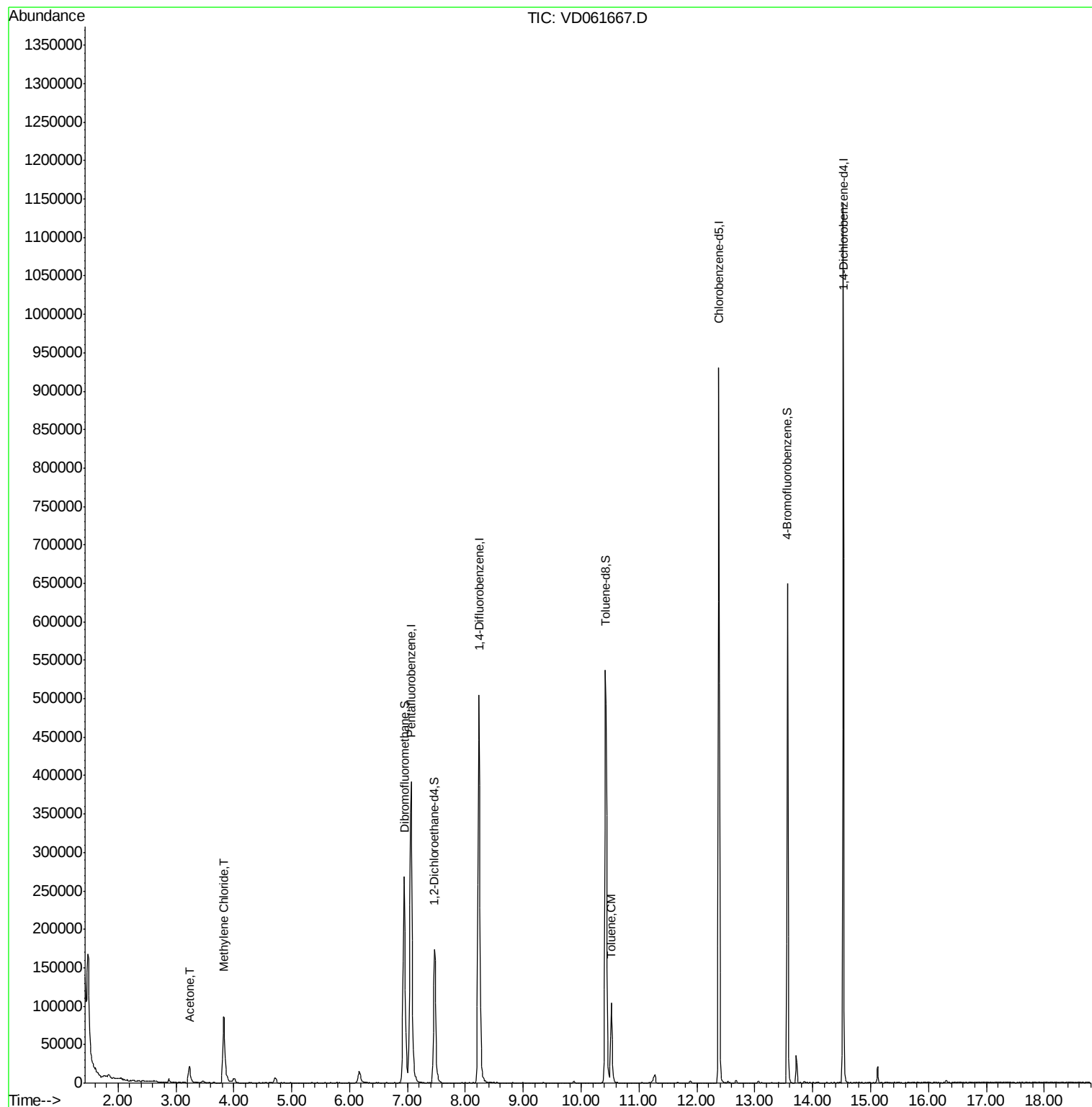
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	387831	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	613949	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	542061	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	263335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	168077	57.17	ug/l	0.01
Spiked Amount 50.000			Recovery	=	114.34%	
35) Dibromofluoromethane	6.94	113	249689	58.71	ug/l	0.02
Spiked Amount 50.000			Recovery	=	117.42%	
50) Toluene-d8	10.42	98	486714	45.55	ug/l	0.01
Spiked Amount 50.000			Recovery	=	91.10%	
62) 4-Bromofluorobenzene	13.56	95	226675	64.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.04%	
Target Compounds						
16) Acetone	3.22	43	46210	52.584	ug/l	95
20) Methylene Chloride	3.83	84	64930	13.021	ug/l	96
52) Toluene	10.52	92	56039	6.923	ug/l	99

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

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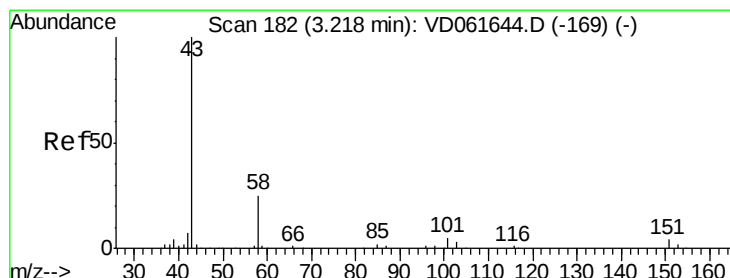
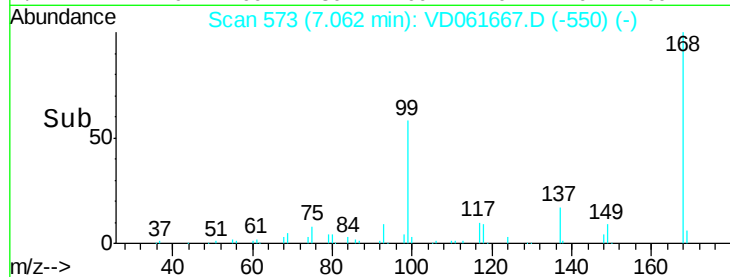
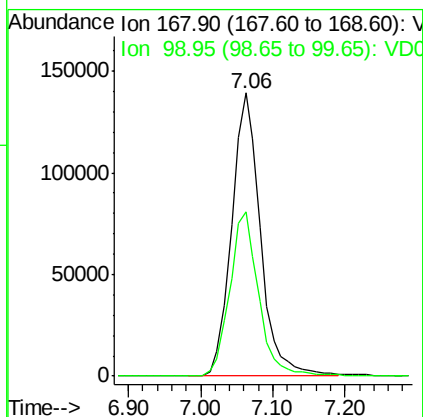
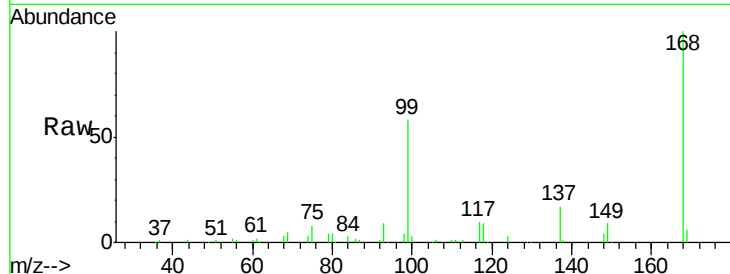




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.02 min
Lab File: VD061667.D
Acq: 8 Apr 2019 23:14

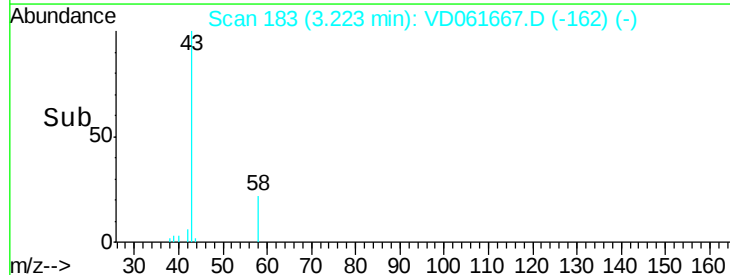
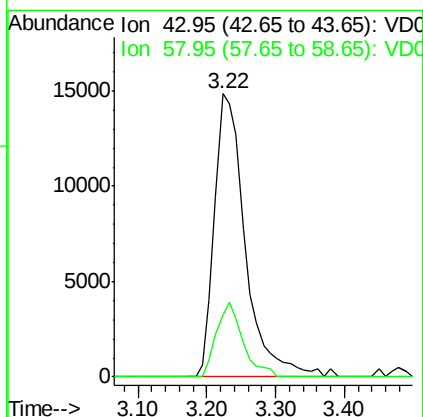
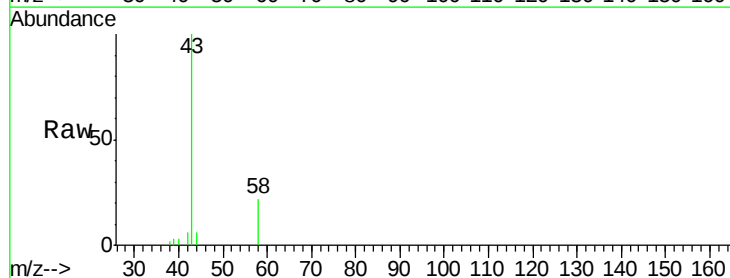
Instrument :
MSVOA_D
ClientSampleId :
TP-3-S2

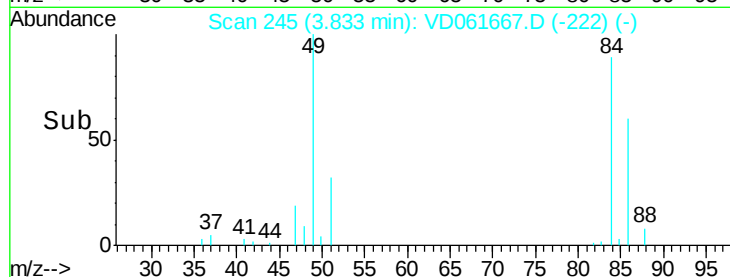
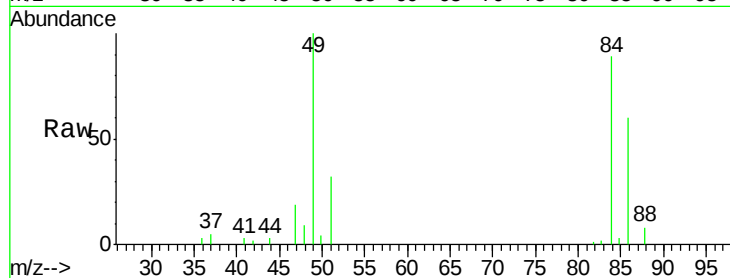
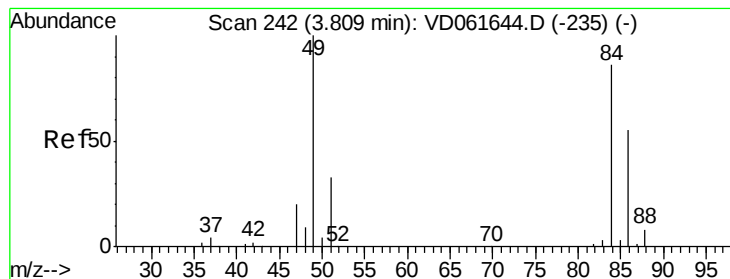
Tot Ion:168 Resp: 387831
Ion Ratio Lower Upper
168 100
99 58.0 46.8 70.2



#16
Acetone
Concen: 52.584 ug/l
RT: 3.22 min Scan# 183
Delta R.T. 0.00 min
Lab File: VD061667.D
Acq: 8 Apr 2019 23:14

Tgt Ion: 43 Resp: 46210
Ion Ratio Lower Upper
43 100
58 21.9 19.7 29.5





#20

Methylene Chloride

Concen: 13.021 ug/l

RT: 3.83 min Scan# 245

Delta R.T. 0.03 min

Lab File: VD061667.D

Acq: 8 Apr 2019 23:14

Instrument :

MSVOA_D

ClientSampleId :

TP-3-S2

Tot Ion: 84 Resp: 64930

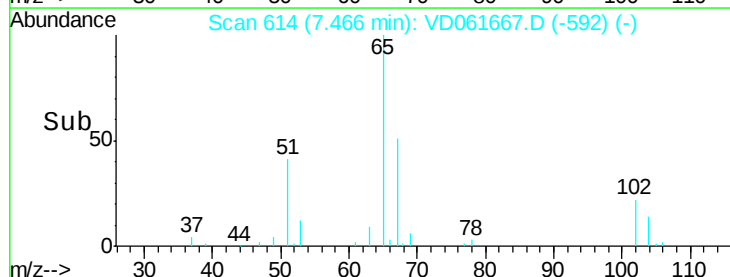
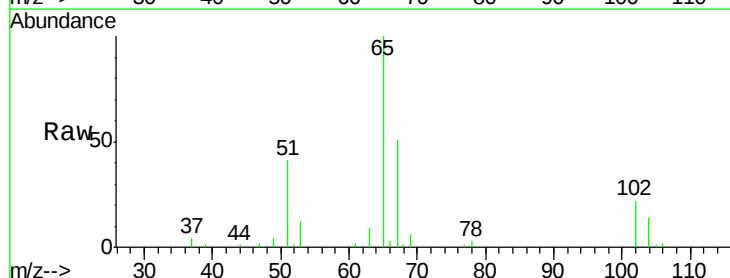
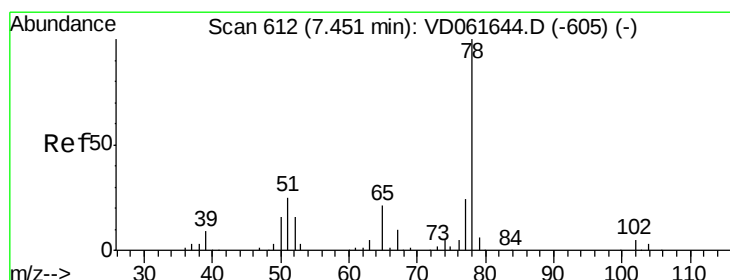
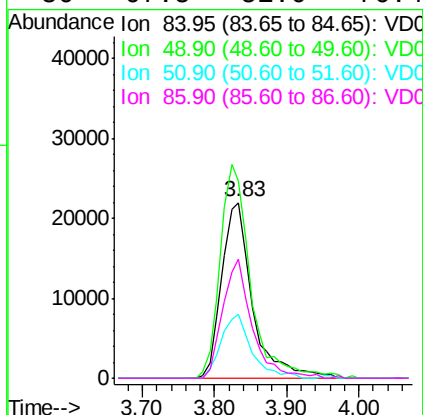
Ion Ratio Lower Upper

84 100

49 112.6 93.0 139.4

51 36.5 30.4 45.6

86 67.5 51.0 76.4



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD061667.D

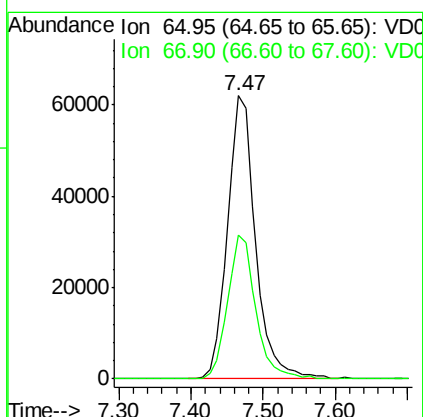
Acq: 8 Apr 2019 23:14

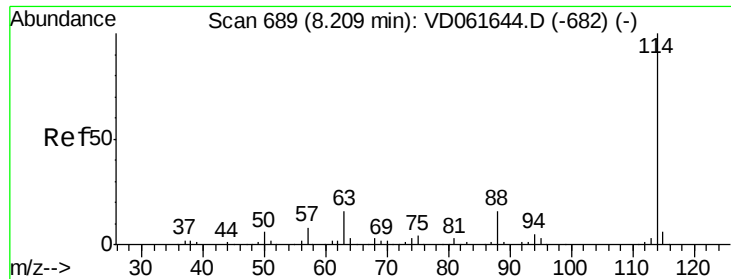
Tgt Ion: 65 Resp: 168077

Ion Ratio Lower Upper

65 100

67 50.8 0.0 99.4

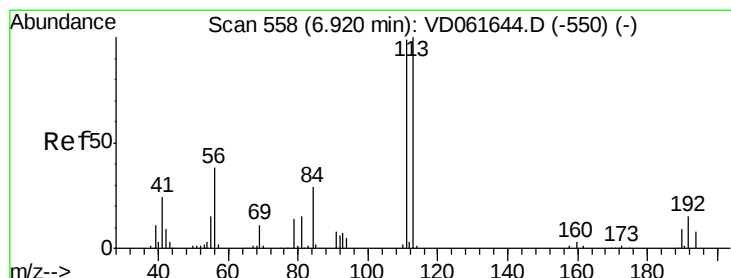
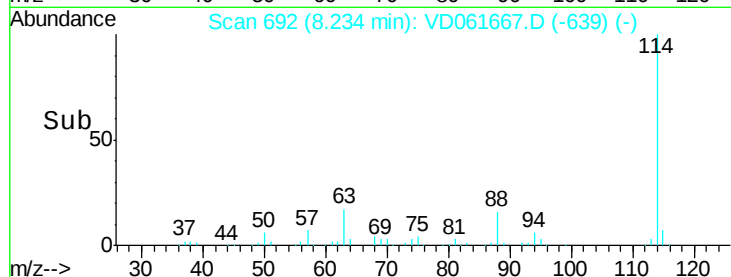
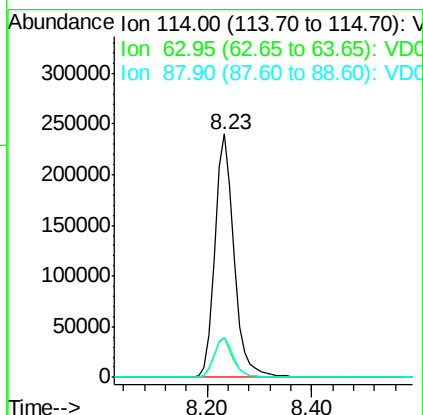
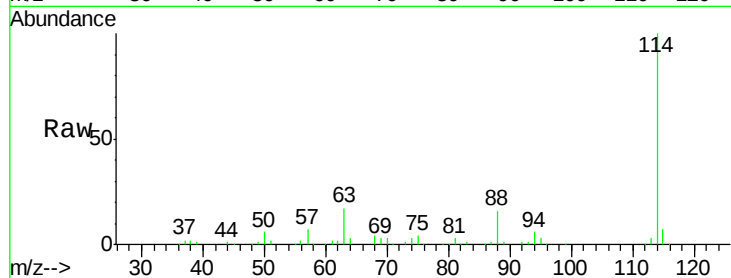




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD061667.D
 Acq: 8 Apr 2019 23:14

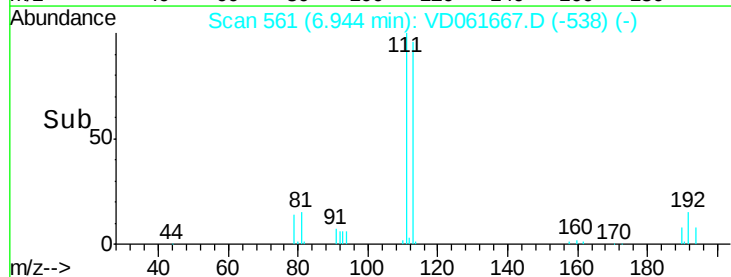
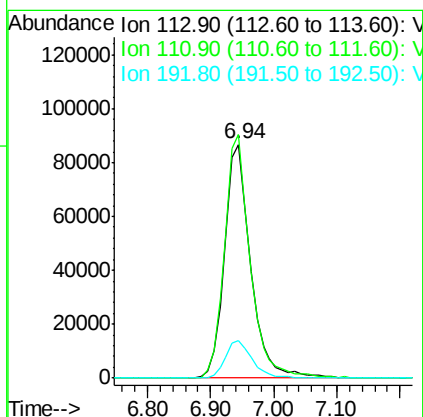
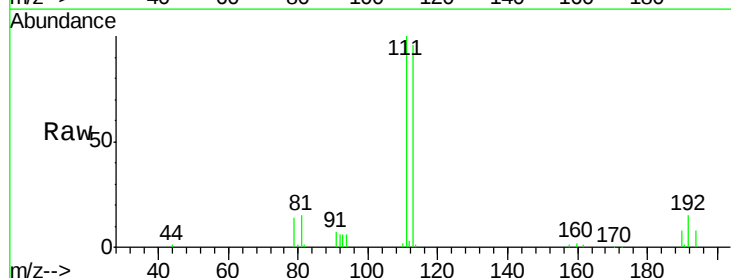
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-S2

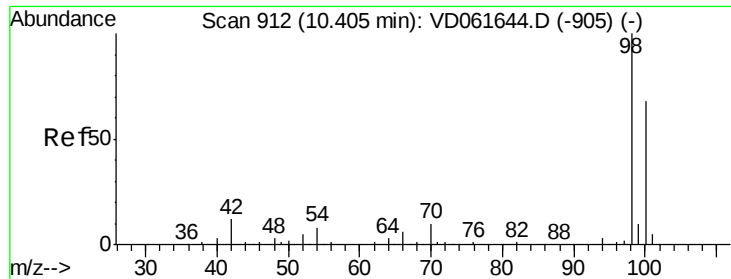
Tot Ion:114 Resp: 613949
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 31.2
 88 16.3 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.02 min
 Lab File: VD061667.D
 Acq: 8 Apr 2019 23:14

Tgt Ion:113 Resp: 249689
 Ion Ratio Lower Upper
 113 100
 111 104.1 79.3 118.9
 192 16.0 12.3 18.5

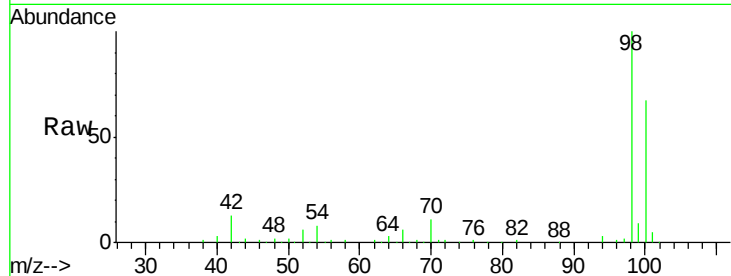




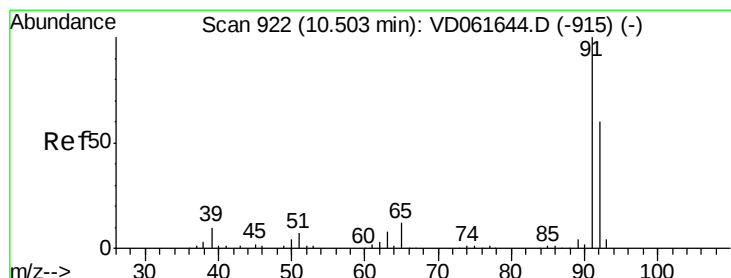
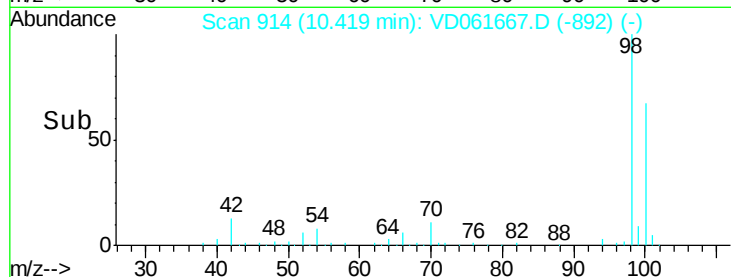
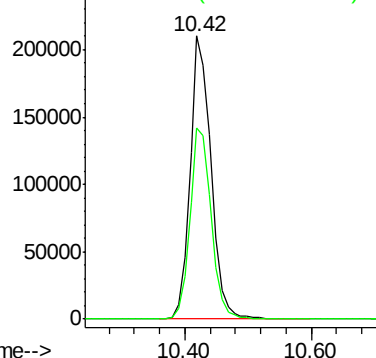
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD061667.D
Acq: 8 Apr 2019 23:14

Instrument :
MSVOA_D
ClientSampleId :
TP-3-S2

Tot Ion: 98 Resp: 486714
Ion Ratio Lower Upper
98 100
100 67.3 55.4 83.0

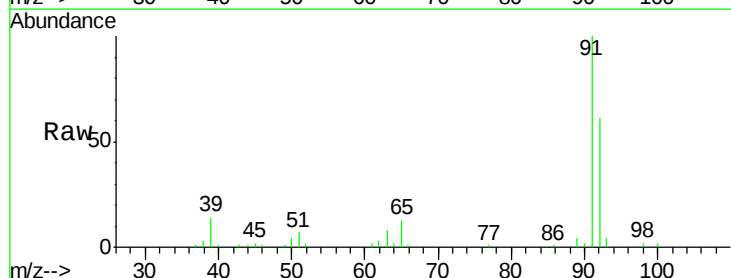


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

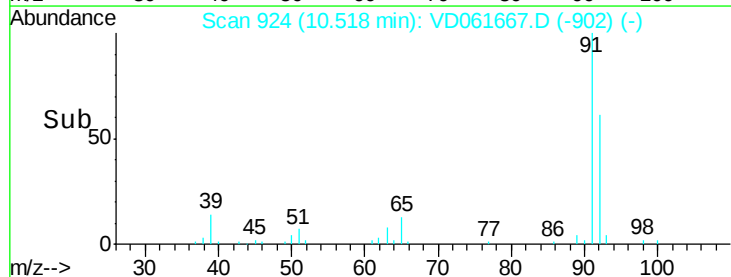
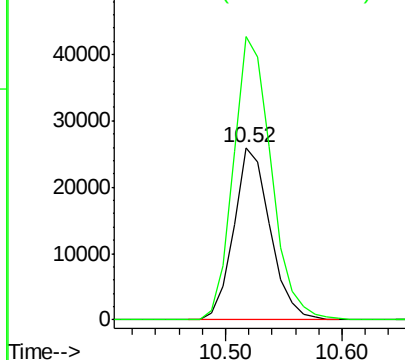


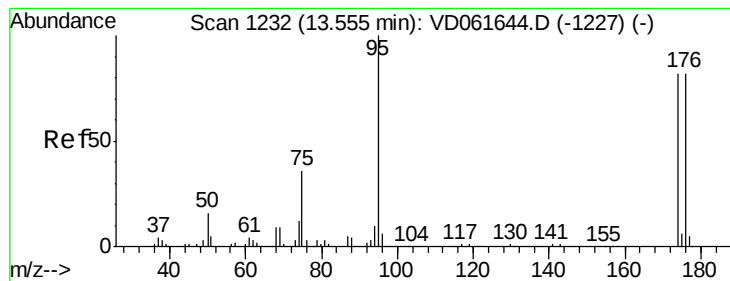
#52
Toluene
Concen: 6.923 ug/l
RT: 10.52 min Scan# 924
Delta R.T. 0.01 min
Lab File: VD061667.D
Acq: 8 Apr 2019 23:14

Tgt Ion: 92 Resp: 56039
Ion Ratio Lower Upper
92 100
91 164.4 133.0 199.4



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: VD061667.D

Acq: 8 Apr 2019 23:14

Instrument :

MSVOA_D

ClientSampleId :

TP-3-S2

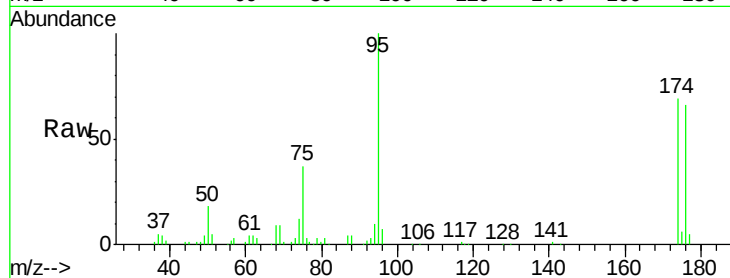
Tot Ion: 95 Resp: 226675

Ion Ratio Lower Upper

95 100

174 69.5 0.0 164.6

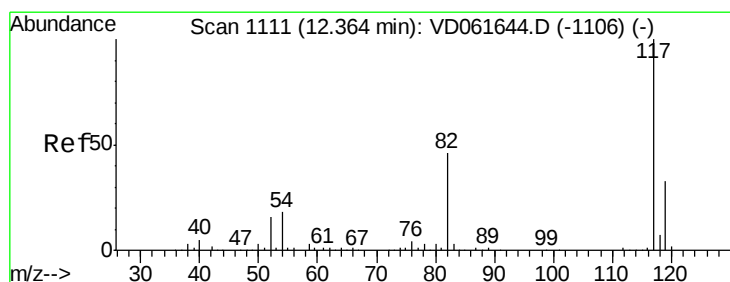
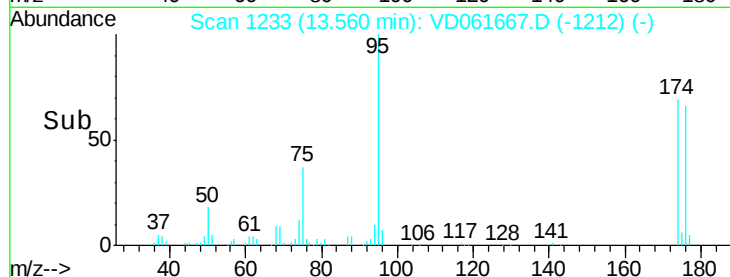
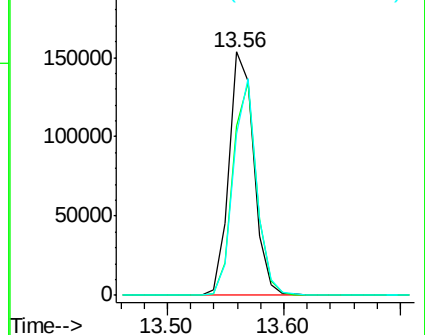
176 66.4 0.0 165.0



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. 0.01 min

Lab File: VD061667.D

Acq: 8 Apr 2019 23:14

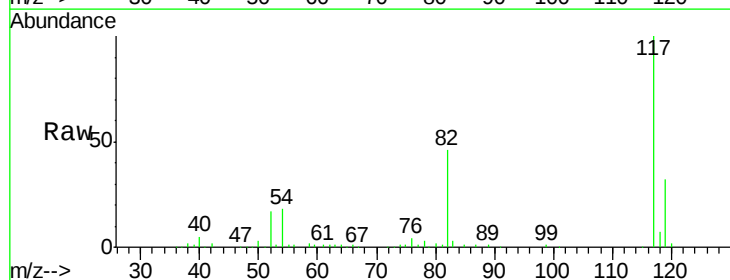
Tgt Ion: 117 Resp: 542061

Ion Ratio Lower Upper

117 100

82 45.7 36.8 55.2

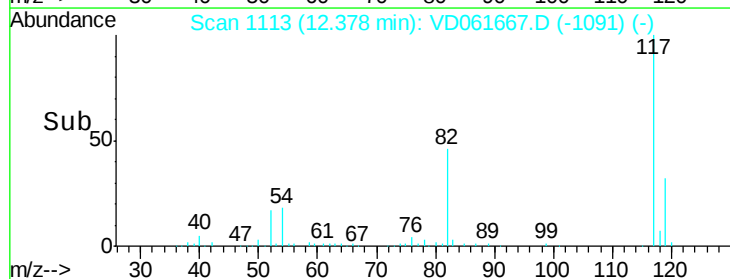
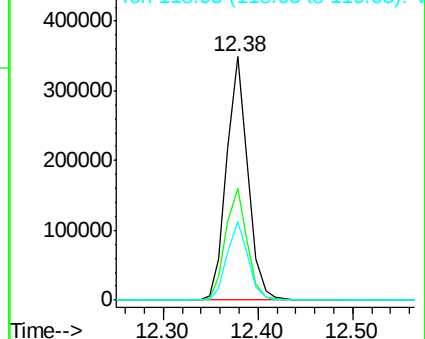
119 32.1 26.1 39.1

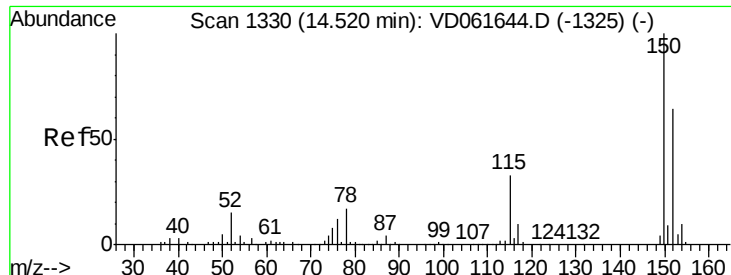


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

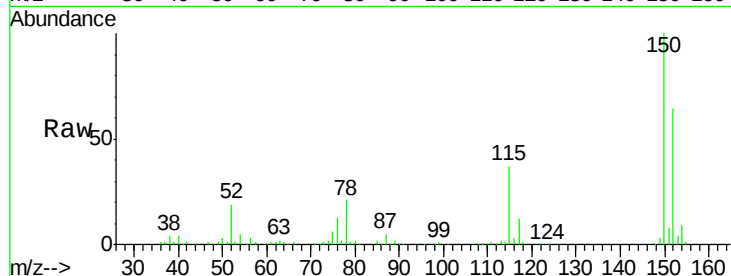




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: VD061667.D
 Acq: 8 Apr 2019 23:14

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-S2

Tot Ion:152 Resp: 263335
 Ion Ratio Lower Upper
 152 100
 115 58.3 26.4 79.2
 150 156.8 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

