

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040819\
 Data File : VD061668.D
 Acq On : 8 Apr 2019 23:44
 Operator : VA/AP
 Sample : K2240-05RE
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-(0-2)-DUPRE

Quant Time: Apr 09 03:03:40 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

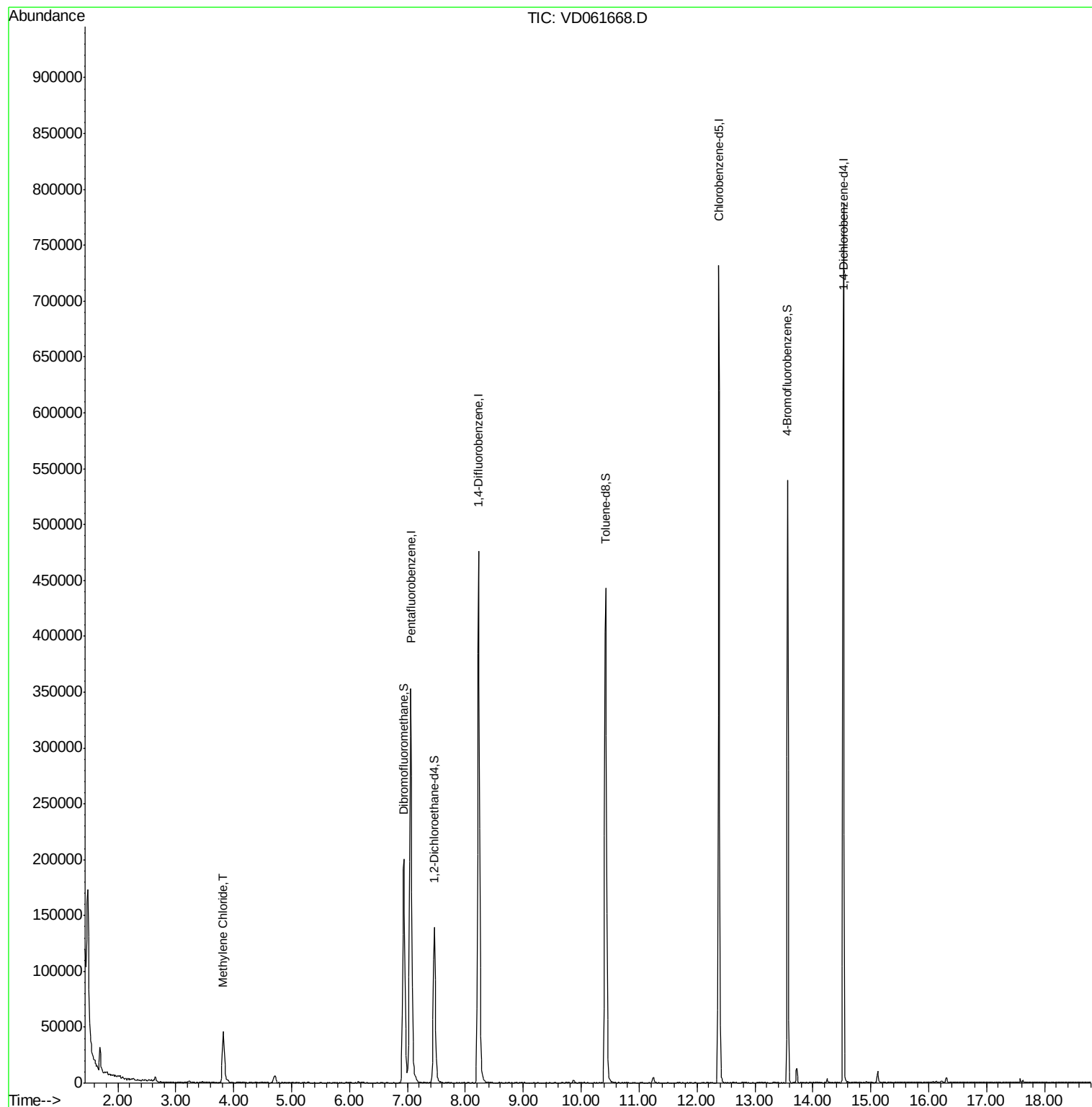
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	349201	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	547966	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	454171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	186970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	145216	54.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.72%	
35) Dibromofluoromethane	6.94	113	189839	50.01	ug/l	0.02
Spiked Amount 50.000			Recovery	=	100.02%	
50) Toluene-d8	10.42	98	399079	41.84	ug/l	0.02
Spiked Amount 50.000			Recovery	=	83.68%	
62) 4-Bromofluorobenzene	13.56	95	158915	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
Target Compounds						
20) Methylene Chloride	3.82	84	33503	7.462	ug/l	Qvalue 94

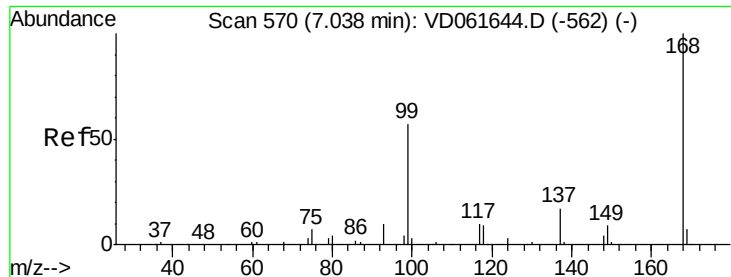
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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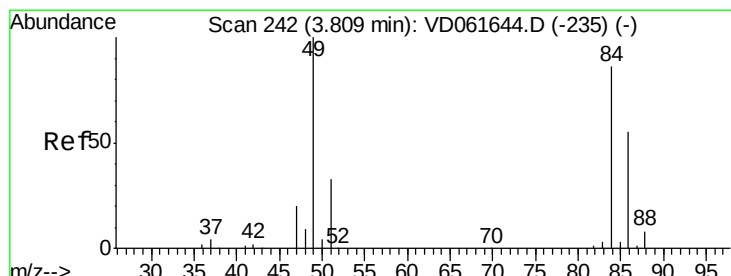
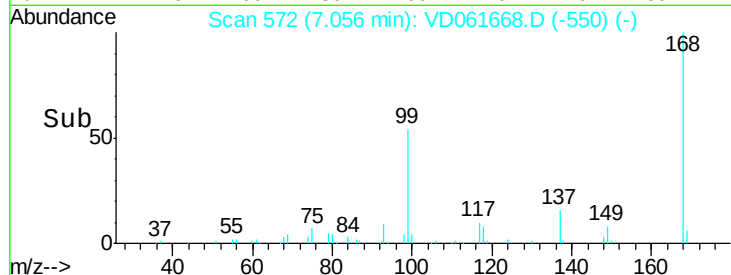
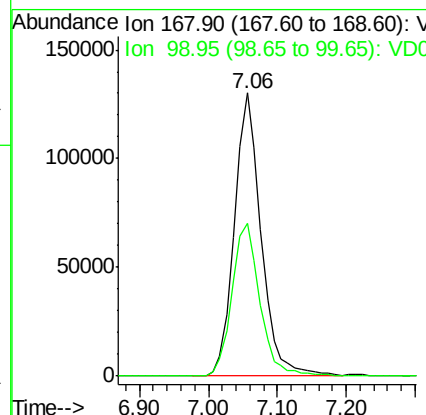
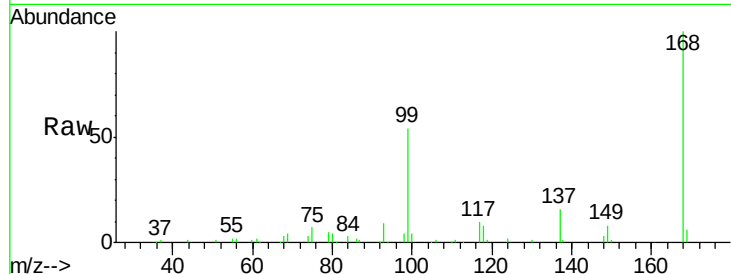




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.02 min
Lab File: VD061668.D
Acq: 8 Apr 2019 23:44

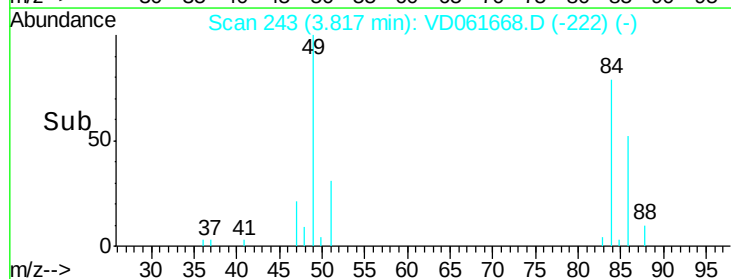
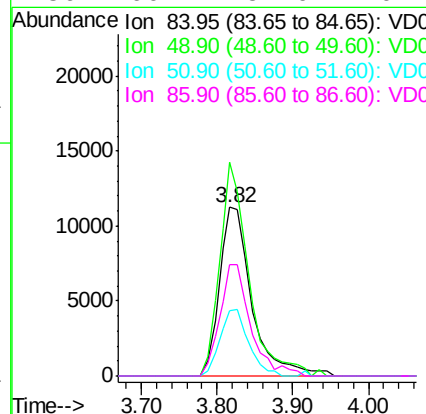
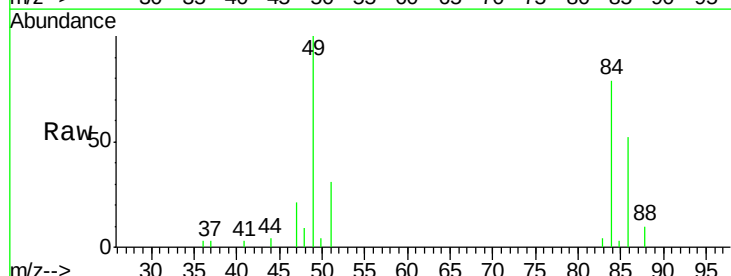
Instrument :
MSVOA_D
ClientSampleId :
SB-02-(0-2)-DUPRE

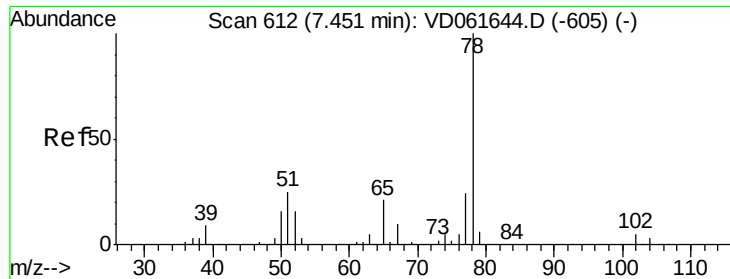
Tot Ion:168 Resp: 349201
Ion Ratio Lower Upper
168 100
99 54.1 46.8 70.2



#20
Methylene Chloride
Concen: 7.462 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061668.D
Acq: 8 Apr 2019 23:44

Tgt Ion: 84 Resp: 33503
Ion Ratio Lower Upper
84 100
49 126.5 93.0 139.4
51 38.7 30.4 45.6
86 66.2 51.0 76.4

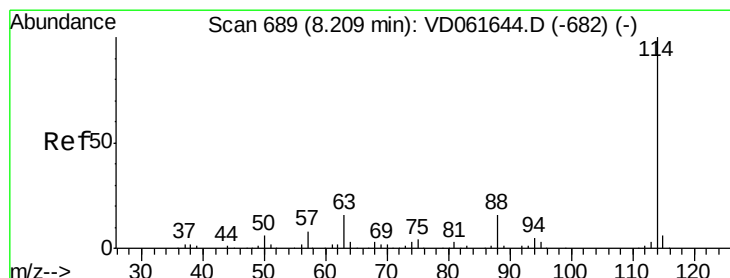
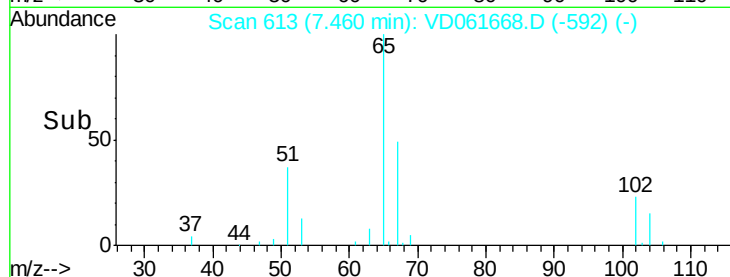
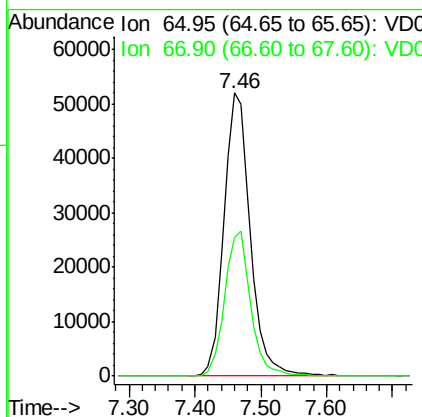
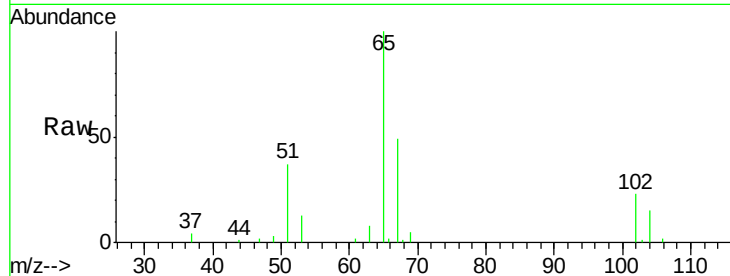




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: VD061668.D
 Acq: 8 Apr 2019 23:44

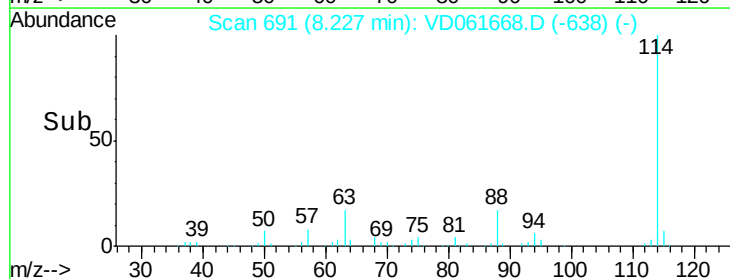
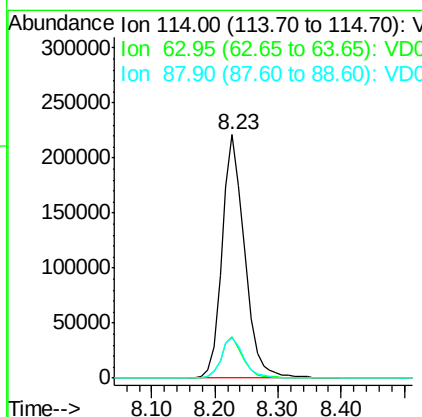
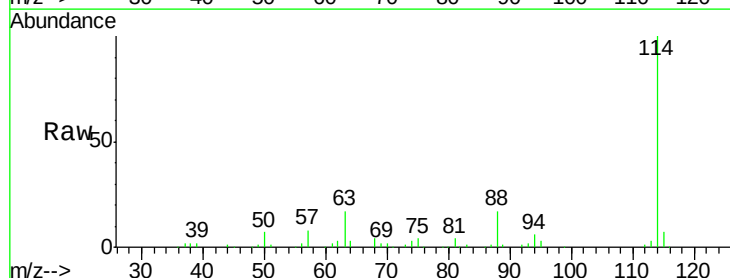
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-(0-2)-DUPRE

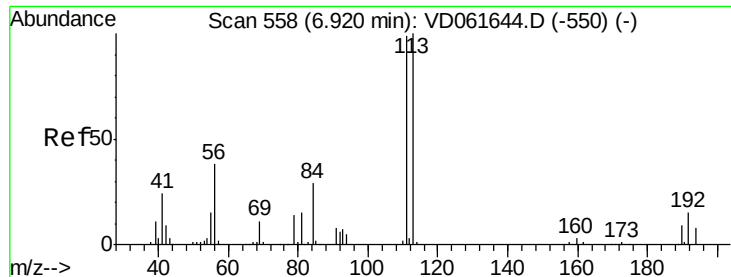
Tot Ion: 65 Resp: 145216
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD061668.D
 Acq: 8 Apr 2019 23:44

Tgt Ion: 114 Resp: 547966
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 31.2
 88 16.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.02 min

Lab File: VD061668.D

Acq: 8 Apr 2019 23:44

Instrument :

MSVOA_D

ClientSampleId :

SB-02-(0-2)-DUPRE

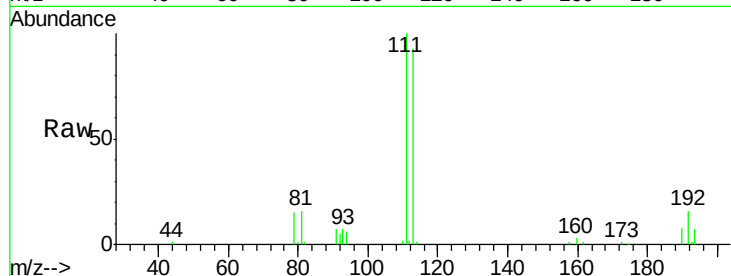
Tot Ion:113 Resp: 189839

Ion Ratio Lower Upper

113 100

111 107.2 79.3 118.9

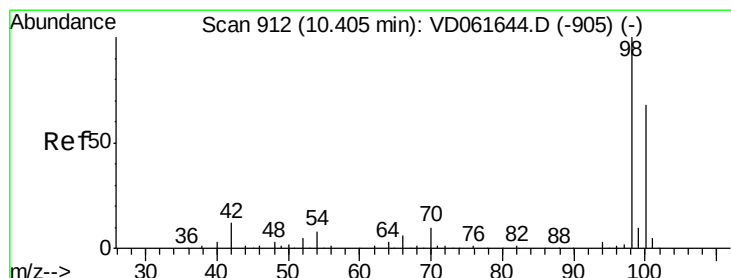
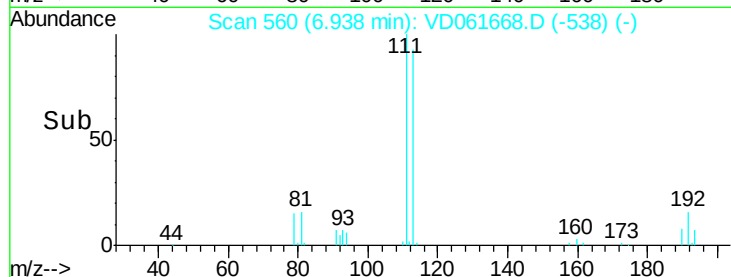
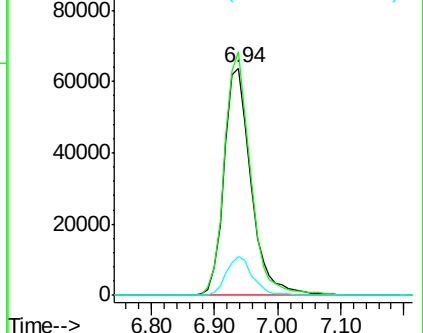
192 17.0 12.3 18.5



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: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD061668.D

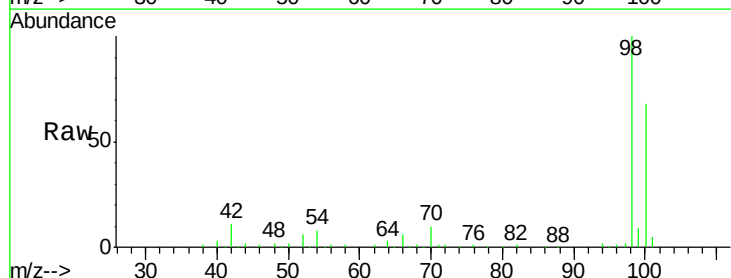
Acq: 8 Apr 2019 23:44

Tgt Ion: 98 Resp: 399079

Ion Ratio Lower Upper

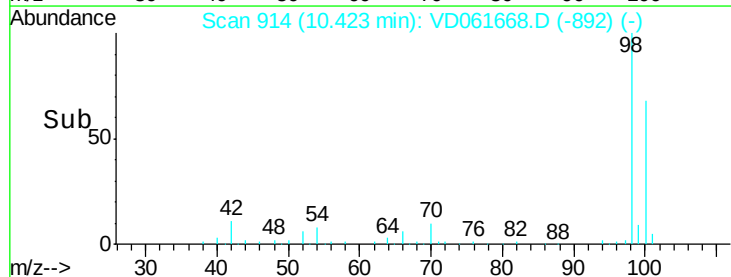
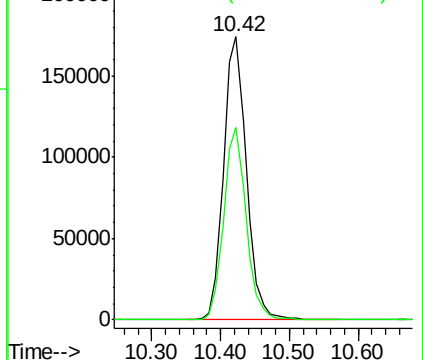
98 100

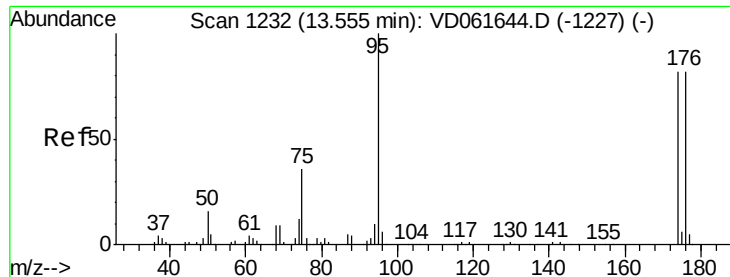
100 67.9 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

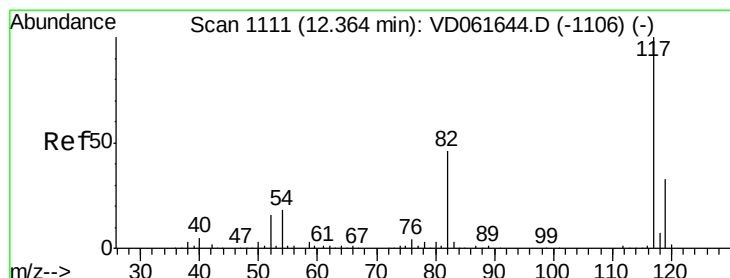
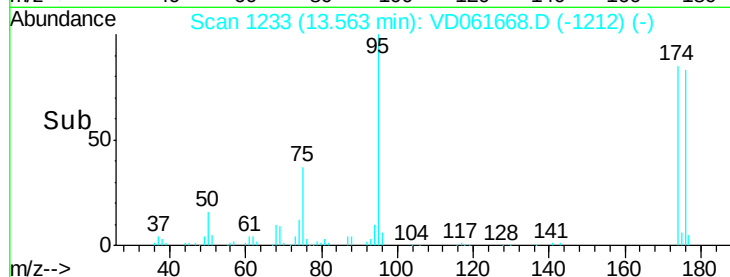
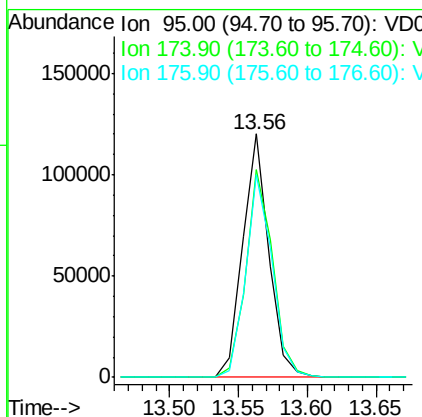
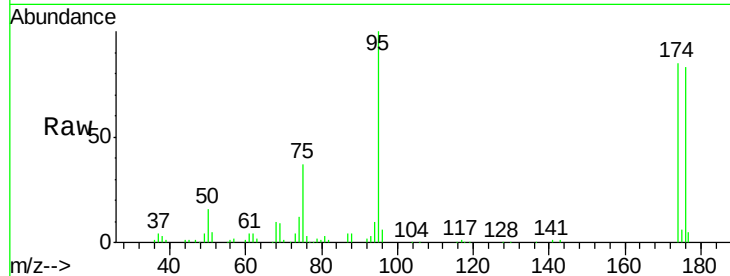




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061668.D
Acq: 8 Apr 2019 23:44

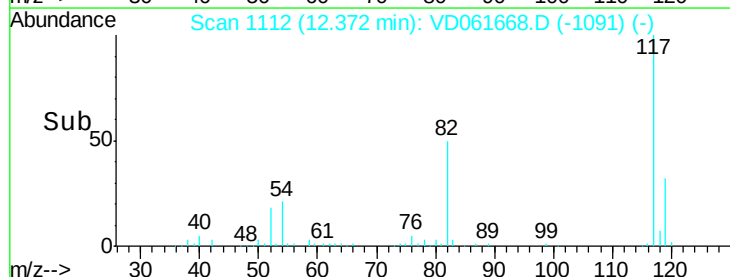
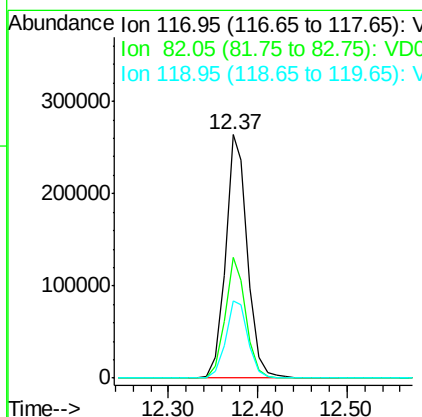
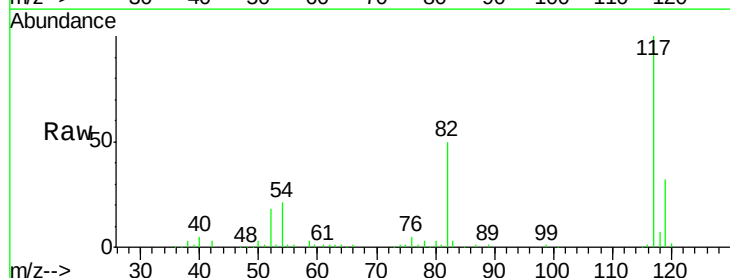
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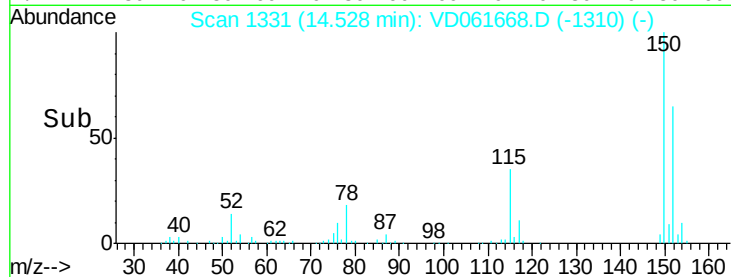
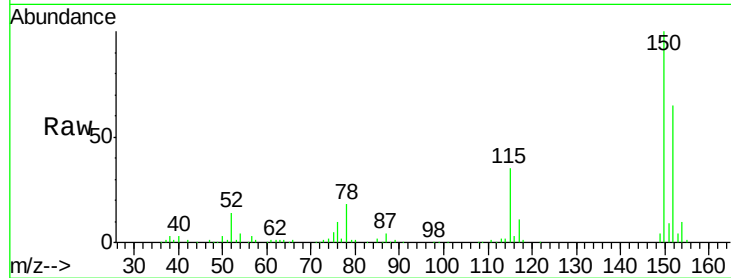
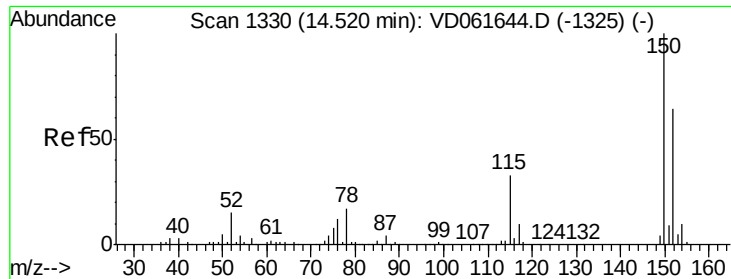
Tot Ion: 95 Resp: 158915
Ion Ratio Lower Upper
95 100
174 85.1 0.0 164.6
176 83.1 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061668.D
Acq: 8 Apr 2019 23:44

Tgt Ion: 117 Resp: 454171
Ion Ratio Lower Upper
117 100
82 49.5 36.8 55.2
119 31.8 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD061668.D

Acq: 8 Apr 2019 23:44

Instrument :

MSVOA_D

ClientSampleId :

SB-02-(0-2)-DUPRE

Tot Ion:152 Resp: 186970

Ion Ratio Lower Upper

152 100

115 53.9 26.4 79.2

150 154.5 0.0 320.6

