

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061751.D
 Acq On : 11 Apr 2019 19:56
 Operator : VA/AP
 Sample : K2347-03
 Misc : 5.07g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BC0603

Quant Time: Apr 12 02:45:08 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	7.03	168	2804	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	7063	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.35	117	3699	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	2216	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	4690	220.66	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	441.32%	
35) Dibromofluoromethane	6.91	113	4200	85.84	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	171.68%	
50) Toluene-d8	10.39	98	2961	24.09	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	48.18%	
62) 4-Bromofluorobenzene	13.54	95	2259	52.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.84%	

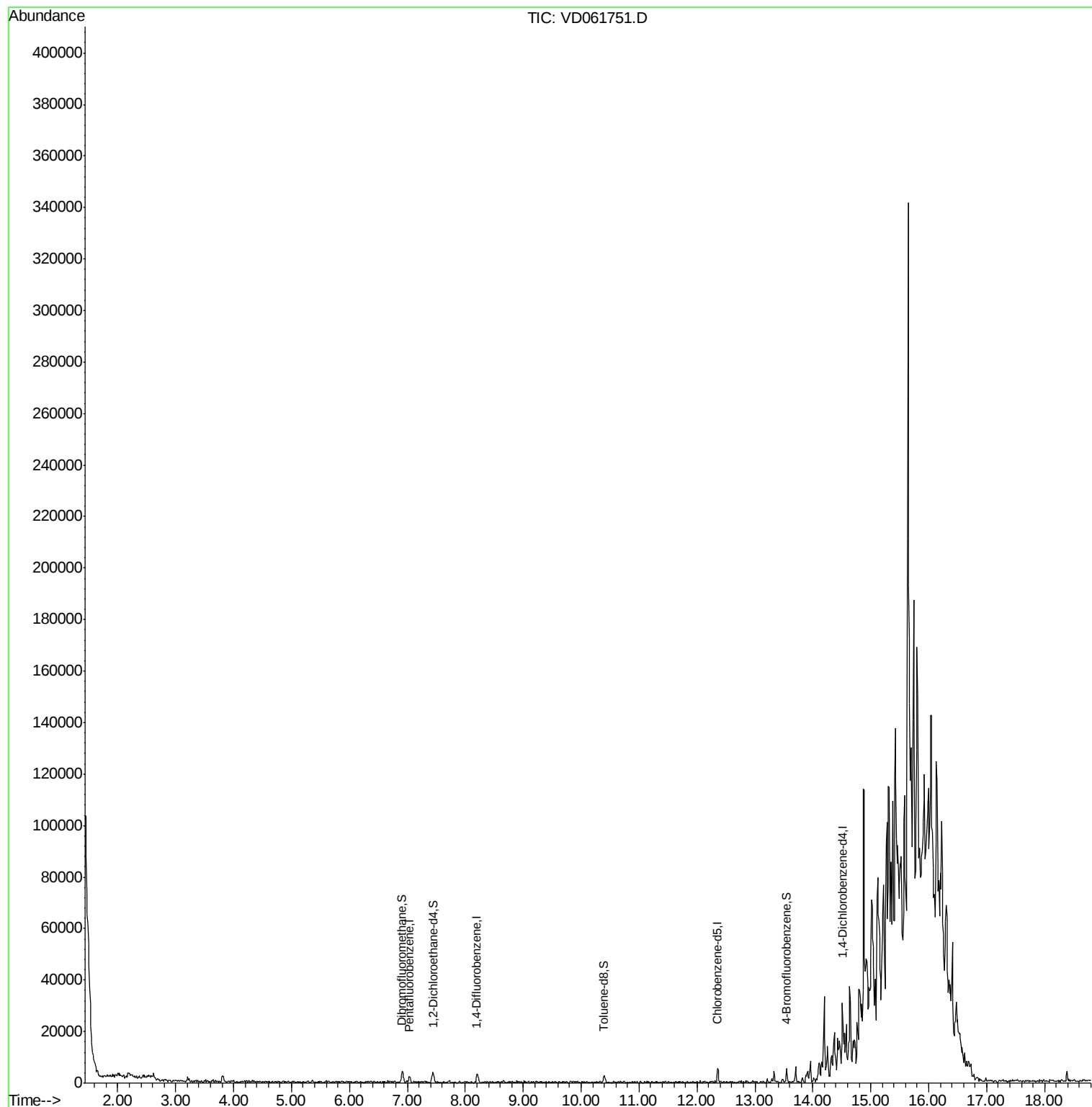
Target Compounds	Qvalue

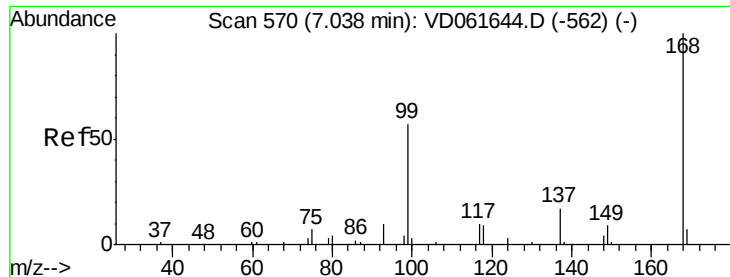
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.01 min

Lab File: VD061751.D

Acq: 11 Apr 2019 19:56

Instrument :

MSVOA_D

ClientSampled :

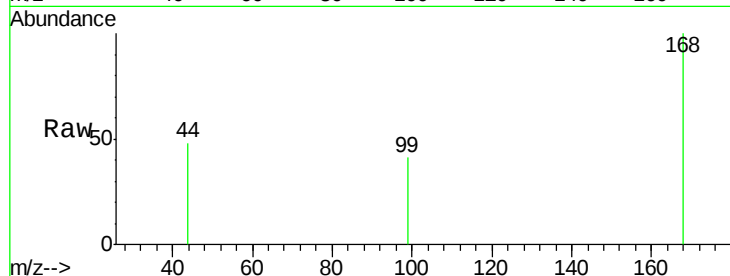
BC0603

Tot Ion:168 Resp: 2804

Ion Ratio Lower Upper

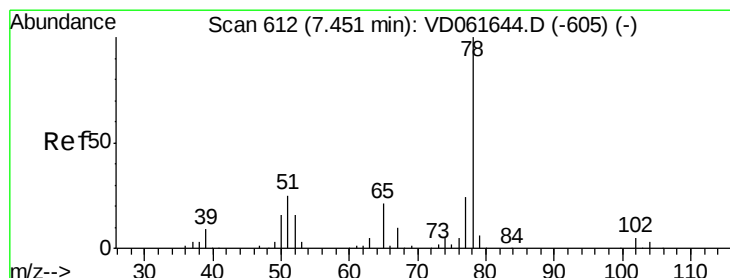
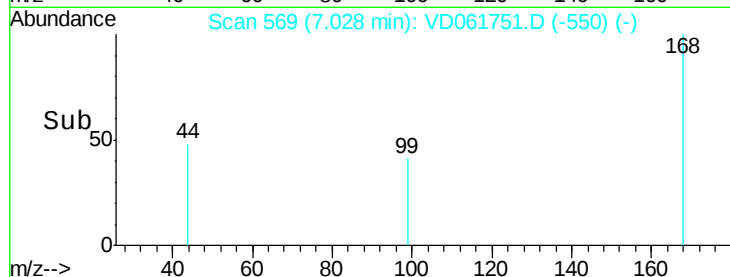
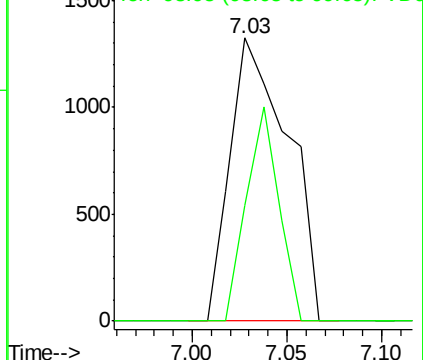
168 100

99 40.8 46.8 70.2#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061751.D

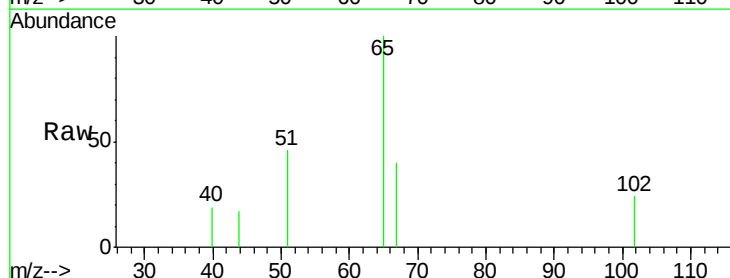
Acq: 11 Apr 2019 19:56

Tgt Ion: 65 Resp: 4690

Ion Ratio Lower Upper

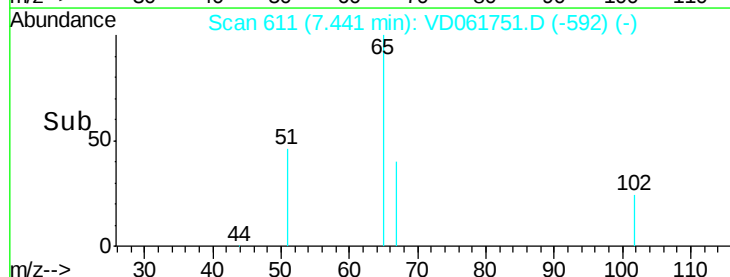
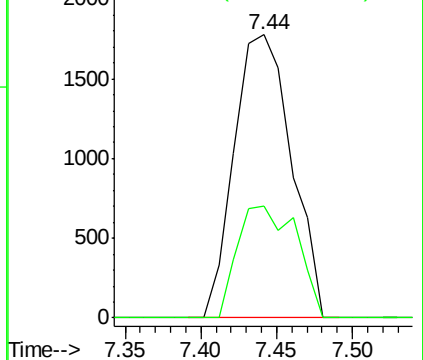
65 100

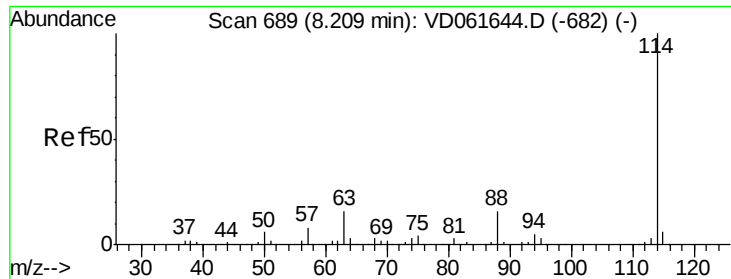
67 39.6 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

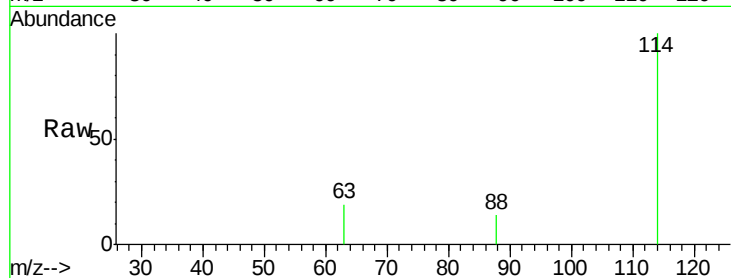




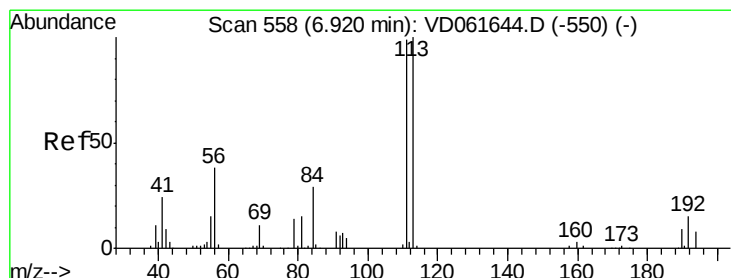
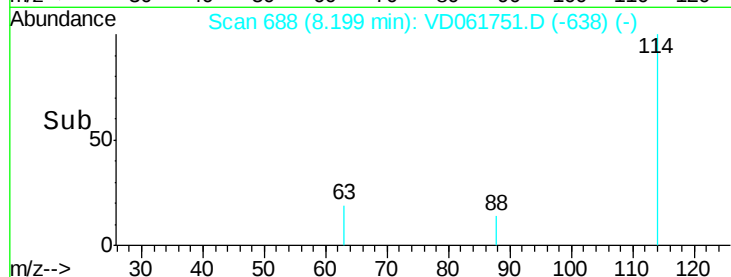
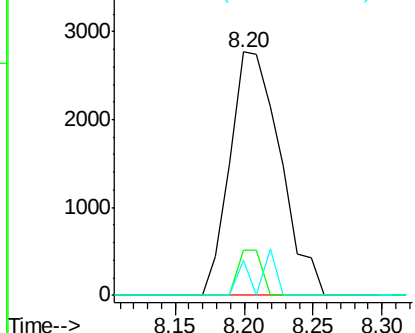
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: VD061751.D
 Acq: 11 Apr 2019 19:56

Instrument :
 MSVOA_D
 ClientSampleId :
 BC0603

Tot Ion:114 Resp: 7063
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 31.2
 88 14.3 0.0 31.8

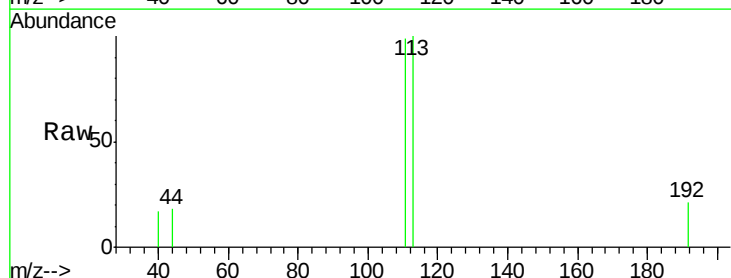


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

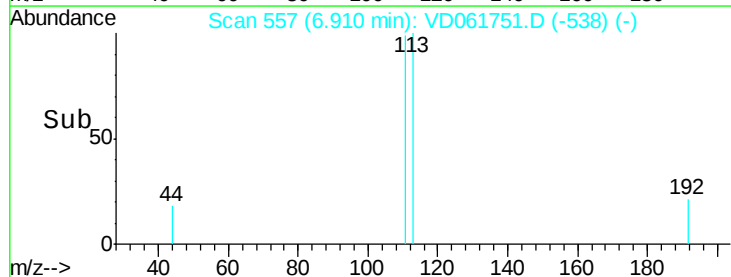
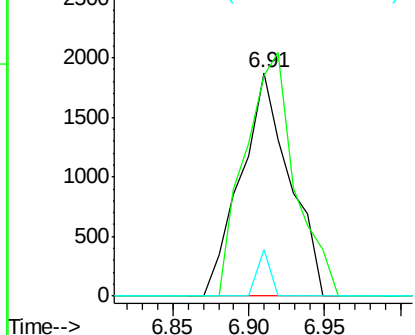


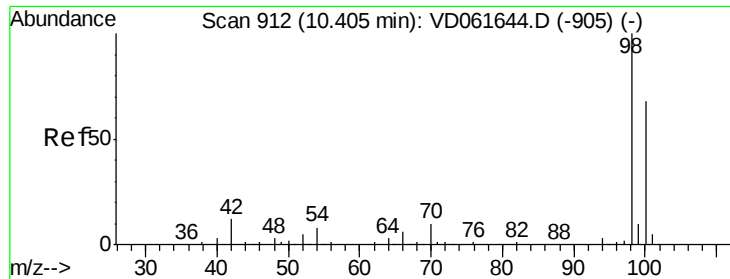
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: VD061751.D
 Acq: 11 Apr 2019 19:56

Tgt Ion:113 Resp: 4200
 Ion Ratio Lower Upper
 113 100
 111 98.9 79.3 118.9
 192 20.8 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

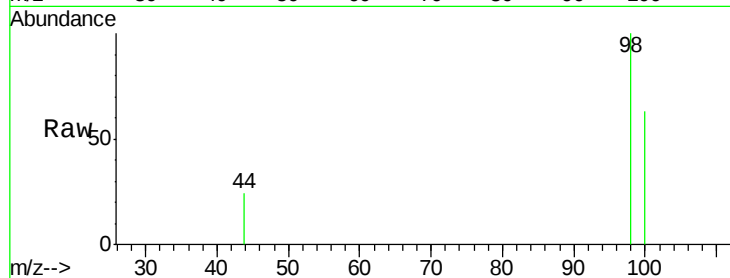




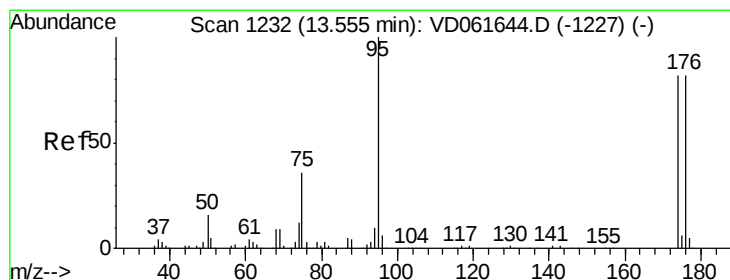
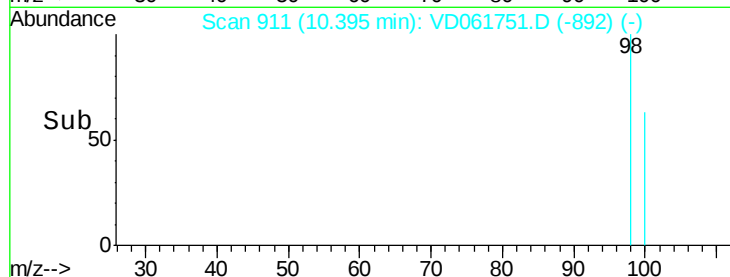
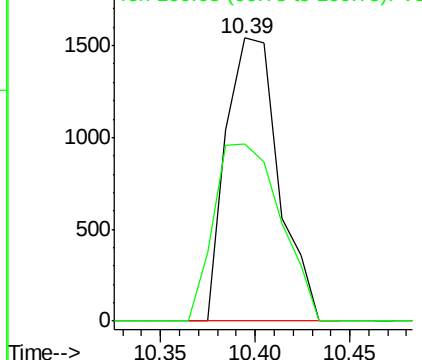
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Instrument :
MSVOA_D
ClientSampleId :
BC0603

Tot Ion: 98 Resp: 2961
Ion Ratio Lower Upper
98 100
100 62.7 55.4 83.0

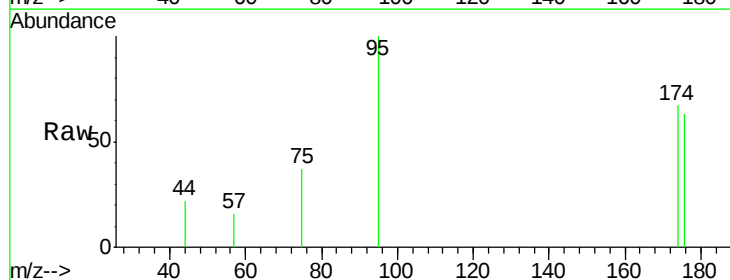


Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

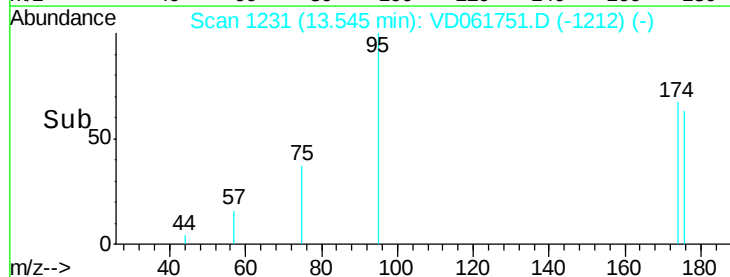
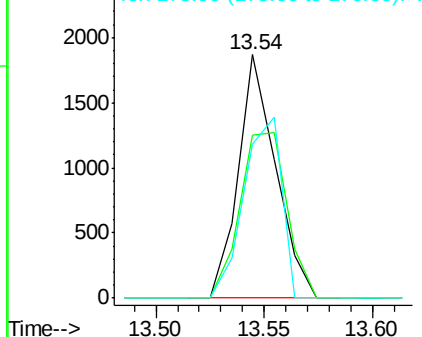


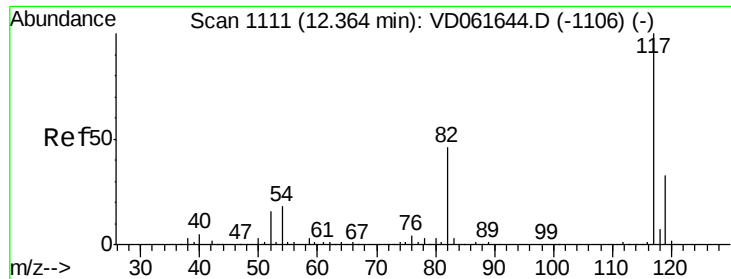
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Tgt Ion: 95 Resp: 2259
Ion Ratio Lower Upper
95 100
174 67.0 0.0 164.6
176 63.5 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): VD061644.D (-1227) (-)
Ion 173.90 (173.60 to 174.60): VD061644.D (-1227) (-)
Ion 175.90 (175.60 to 176.60): VD061644.D (-1227) (-)

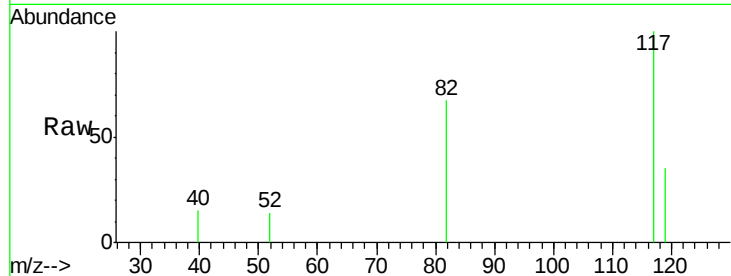




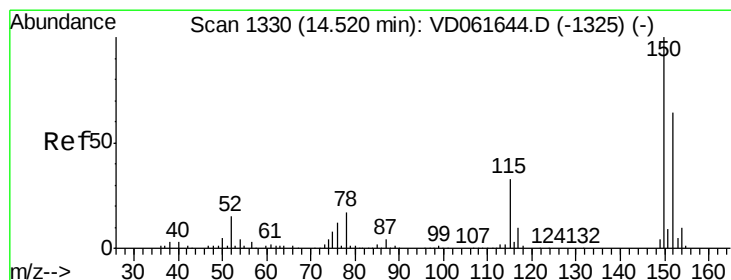
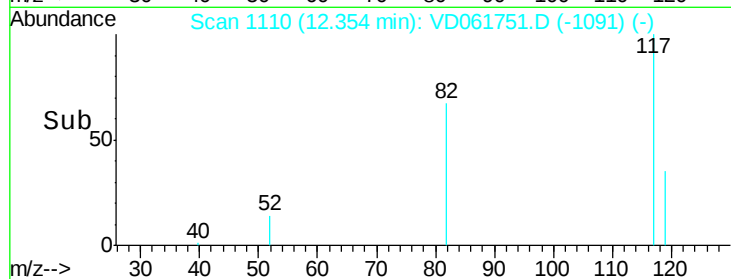
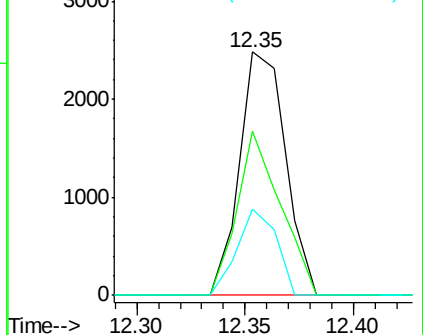
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Instrument :
MSVOA_D
ClientSampleId :
BC0603

Tot Ion:117 Resp: 3699
Ion Ratio Lower Upper
117 100
82 67.3 36.8 55.2#
119 35.2 26.1 39.1

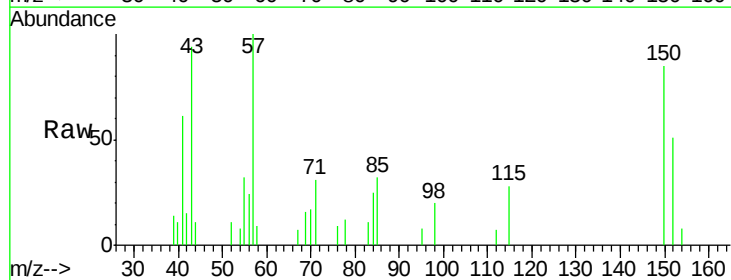


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Tgt Ion:152 Resp: 2216
Ion Ratio Lower Upper
152 100
115 54.0 26.4 79.2
150 166.7 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

