

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD043019\
 Data File : VD062089.D
 Acq On : 30 Apr 2019 16:04
 Operator : FY/SY
 Sample : K2617-01
 Misc : 5.01gm/5mL/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ROCK-COMP

Quant Time: May 01 01:46:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

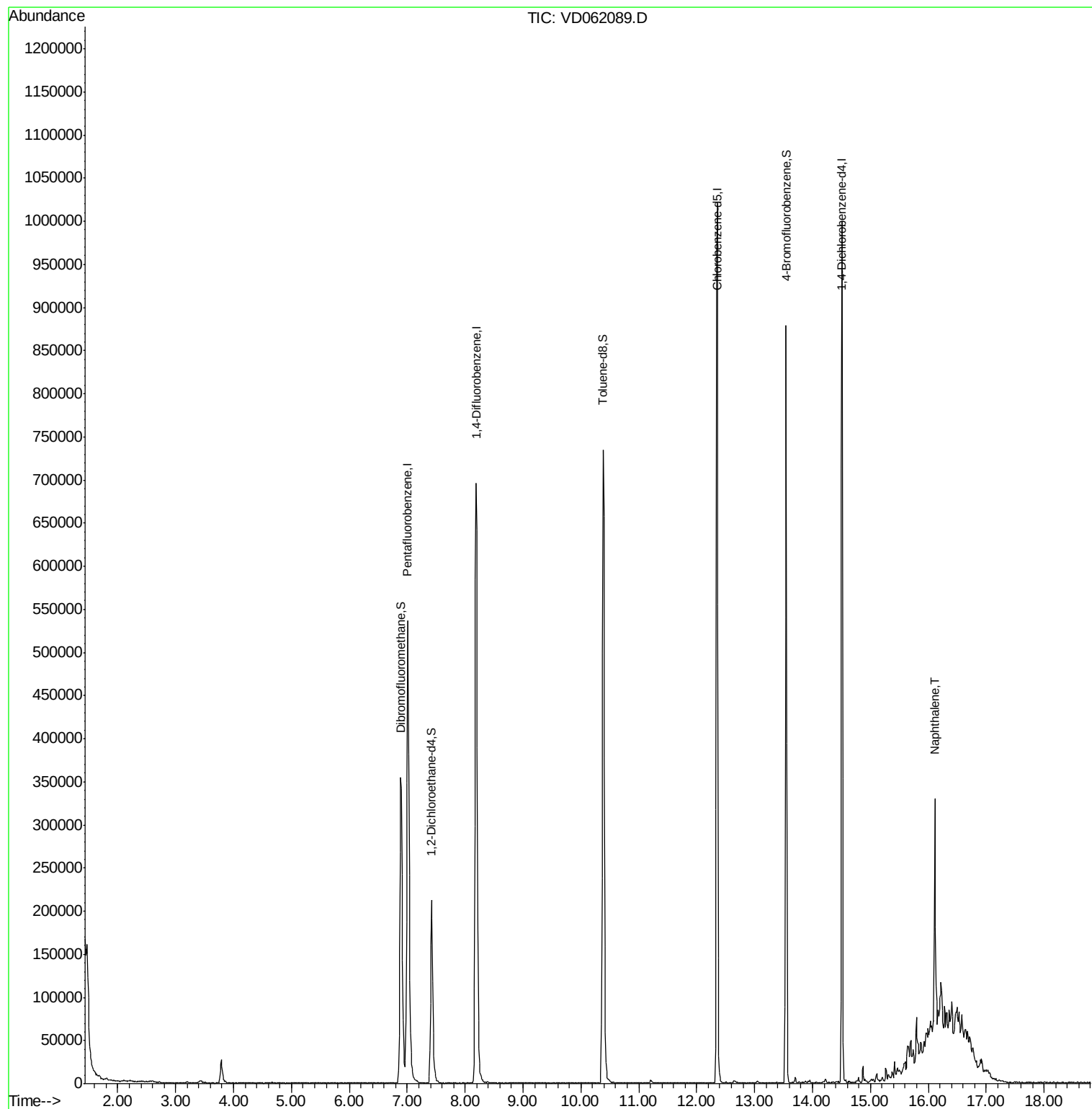
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	539908	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.19	114	872408	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.35	117	680965	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	232843	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	216619	51.26	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	102.52%	
35) Dibromofluoromethane	6.89	113	338606	56.12	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	112.24%	
50) Toluene-d8	10.38	98	650259	45.29	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	90.58%	
62) 4-Bromofluorobenzene	13.54	95	259814	45.12	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	90.24%	
Target Compounds						
95) Naphthalene	16.11	128	158424	28.253	ug/l	Qvalue 100

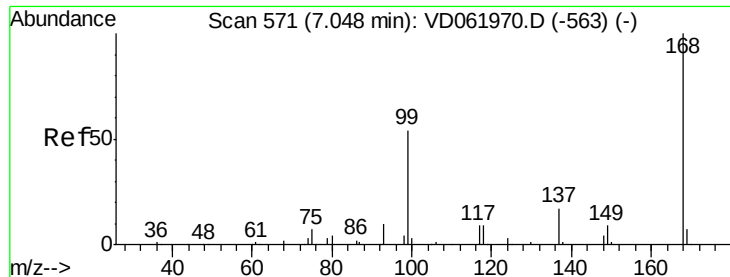
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD043019\
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Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.04 min

Lab File: VD062089.D

Acq: 30 Apr 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

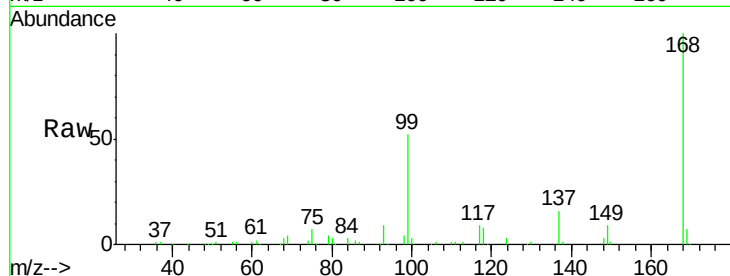
ROCK-COMP

Tot Ion:168 Resp: 539908

Ion Ratio Lower Upper

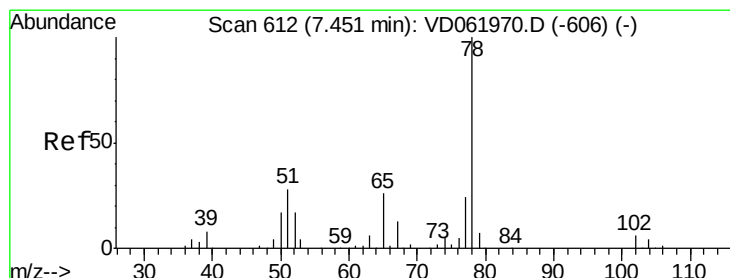
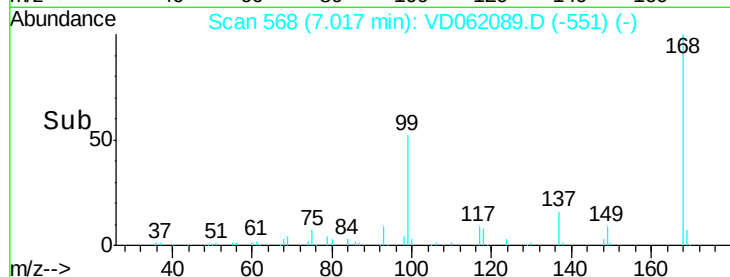
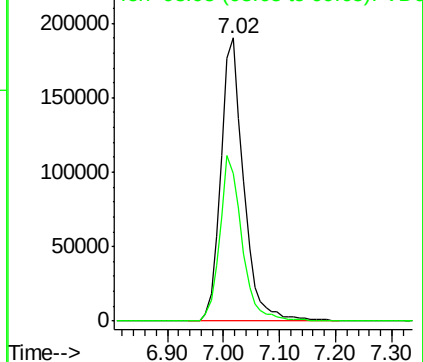
168 100

99 52.2 46.5 69.7



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: 51.263 ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.04 min

Lab File: VD062089.D

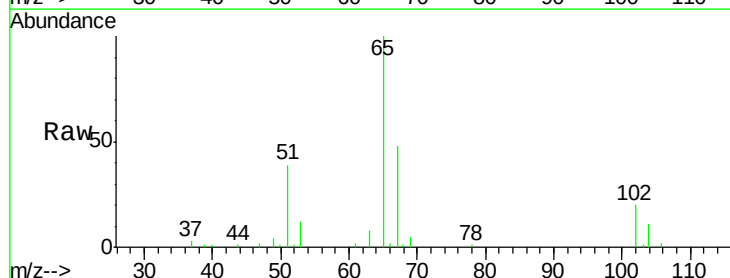
Acq: 30 Apr 2019 16:04

Tgt Ion: 65 Resp: 216619

Ion Ratio Lower Upper

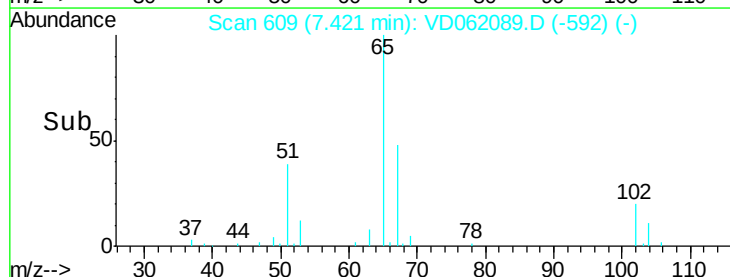
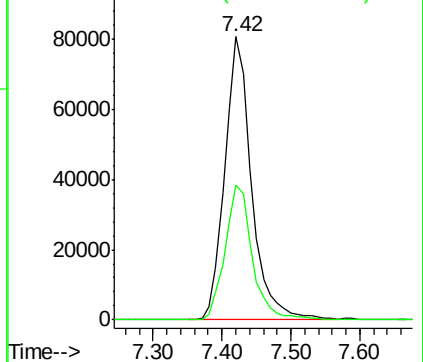
65 100

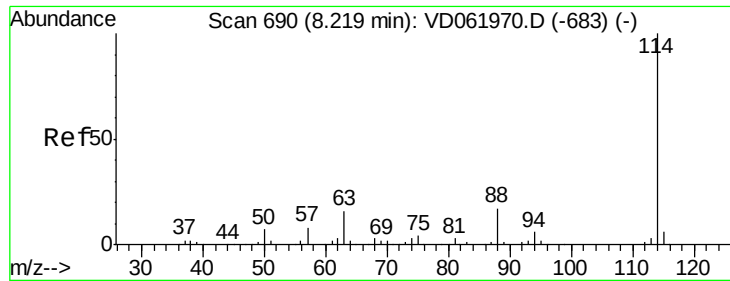
67 47.5 0.0 98.0



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: 8.19 min Scan# 687

Delta R.T. -0.04 min

Lab File: VD062089.D

Acq: 30 Apr 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

ROCK-COMP

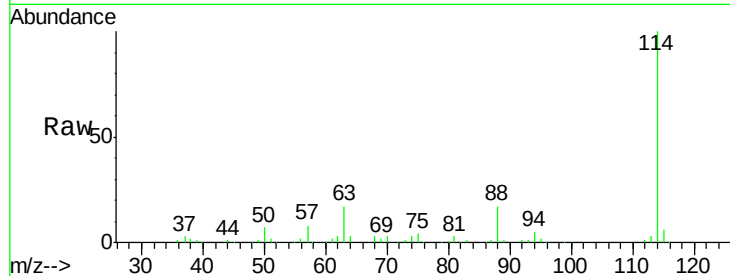
Tot Ion:114 Resp: 872408

Ion Ratio Lower Upper

114 100

63 16.6 0.0 32.4

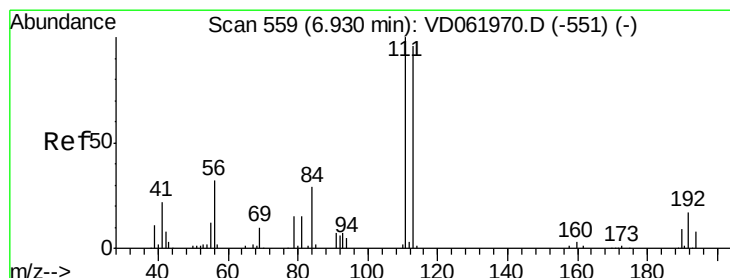
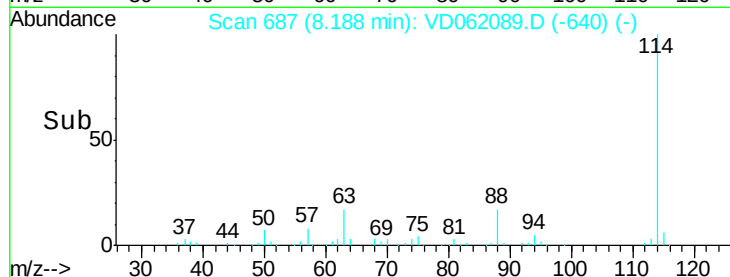
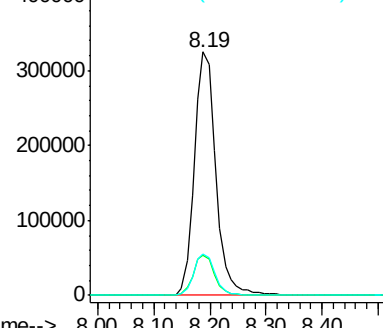
88 17.2 0.0 33.6



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: 56.121 ug/l

RT: 6.89 min Scan# 555

Delta R.T. -0.04 min

Lab File: VD062089.D

Acq: 30 Apr 2019 16:04

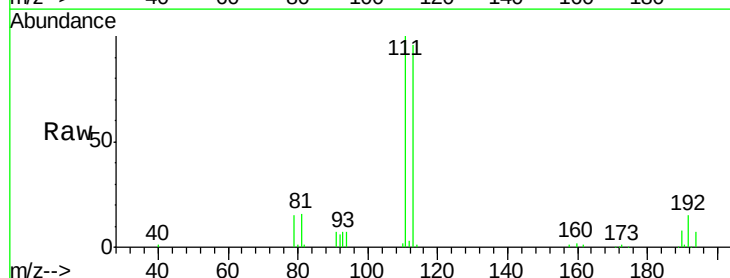
Tgt Ion:113 Resp: 338606

Ion Ratio Lower Upper

113 100

111 104.5 78.5 117.7

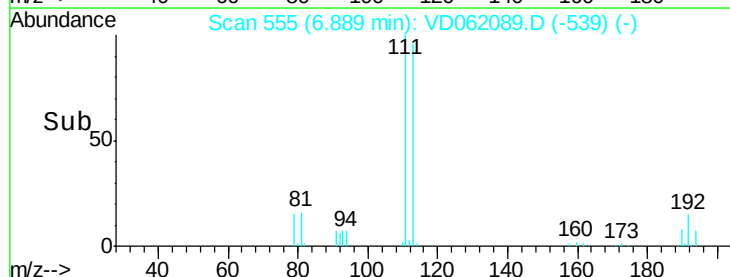
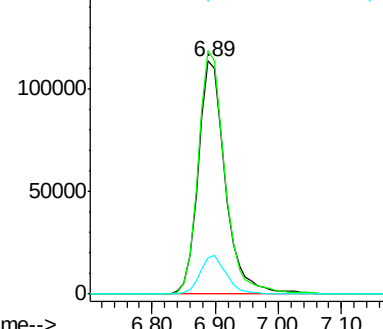
192 15.7 13.0 19.4

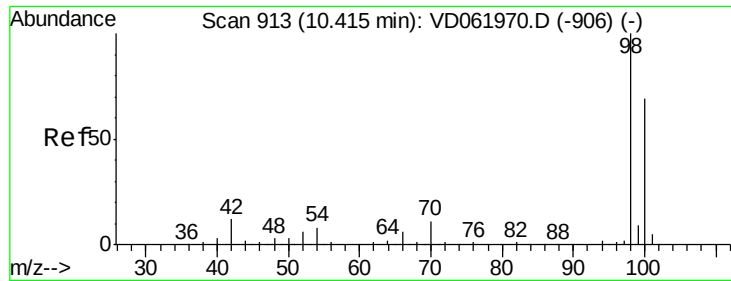


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

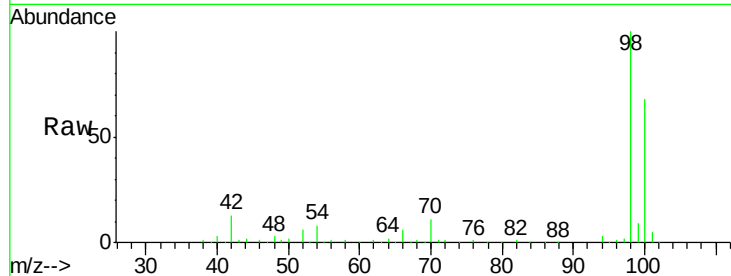




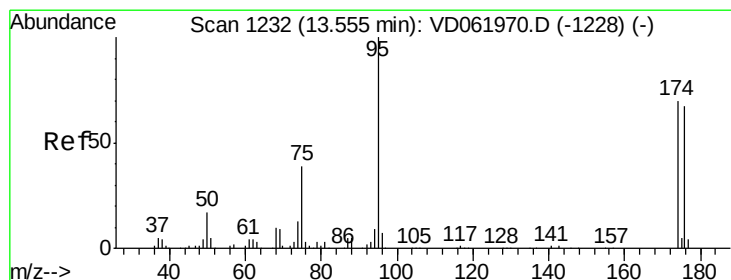
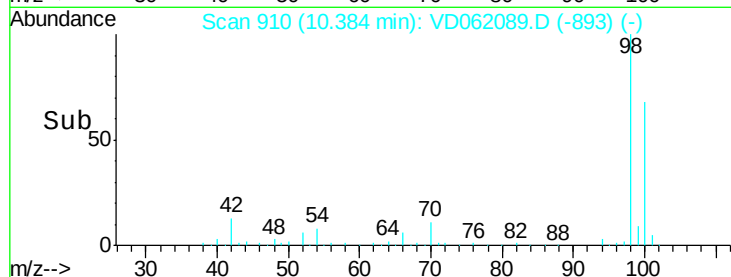
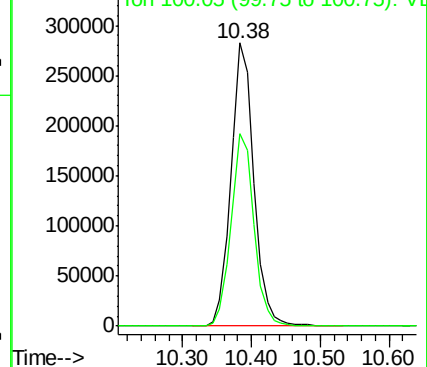
#50
Toluene-d8
Concen: 45.293 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.04 min
Lab File: VD062089.D
Acq: 30 Apr 2019 16:04

Instrument :
MSVOA_D
ClientSampleId :
ROCK-COMP

Tot Ion: 98 Resp: 650259
Ion Ratio Lower Upper
98 100
100 68.1 53.8 80.8

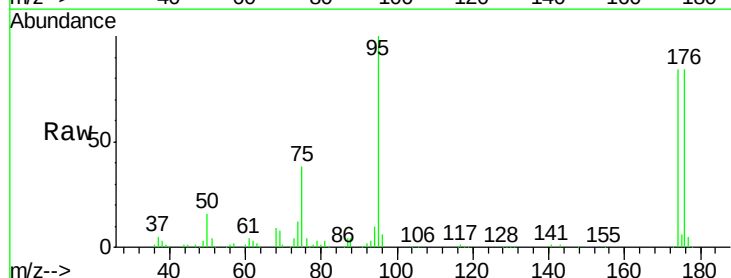


Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

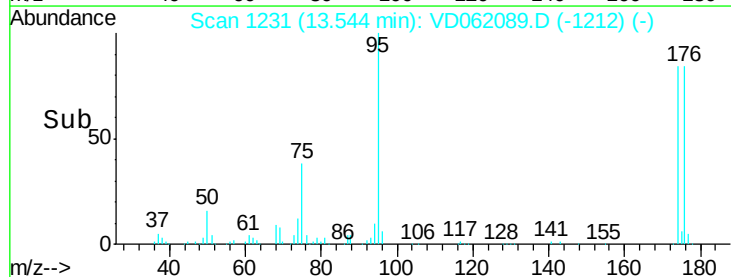
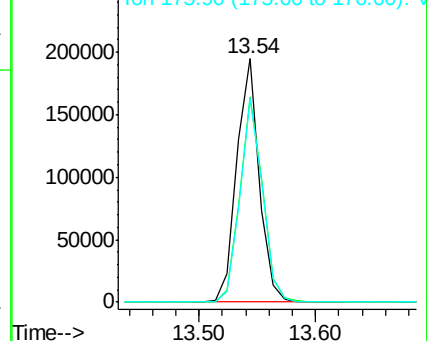


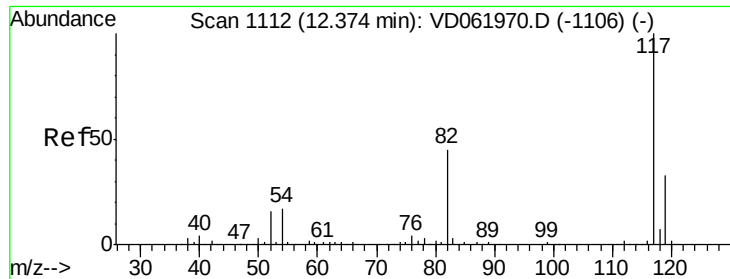
#62
4-Bromofluorobenzene
Concen: 45.119 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VD062089.D
Acq: 30 Apr 2019 16:04

Tgt Ion: 95 Resp: 259814
Ion Ratio Lower Upper
95 100
174 84.3 0.0 181.8
176 83.8 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061970.D (-1228) (-)
Ion 173.90 (173.60 to 174.60): VD061970.D (-1228) (-)
Ion 175.90 (175.60 to 176.60): VD061970.D (-1228) (-)

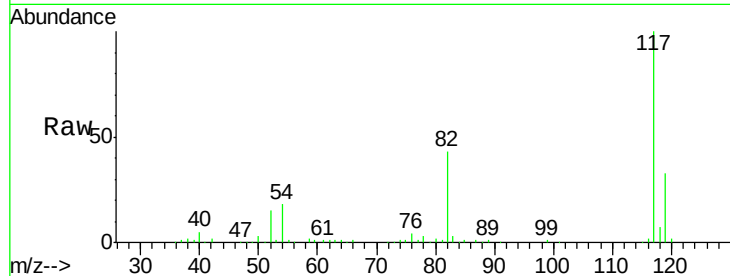




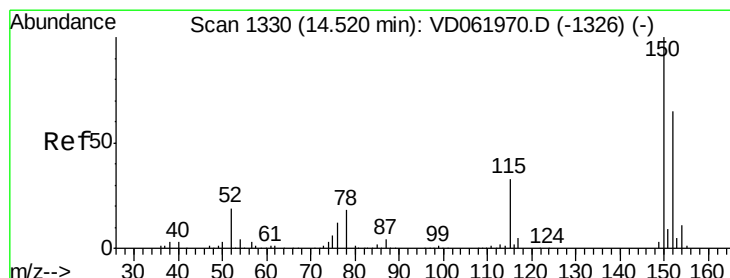
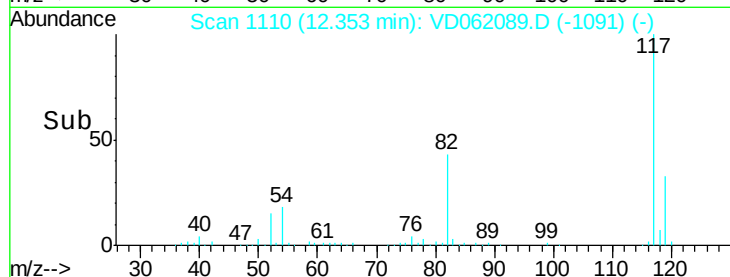
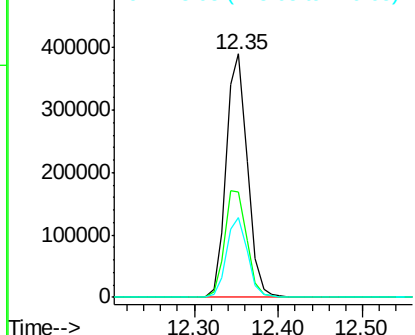
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.35 min Scan# 1110
 Delta R.T. -0.02 min
 Lab File: VD062089.D
 Acq: 30 Apr 2019 16:04

Instrument :
 MSVOA_D
 ClientSampleId :
 ROCK-COMP

Tot Ion:117 Resp: 680965
 Ion Ratio Lower Upper
 117 100
 82 43.1 36.2 54.2
 119 32.9 26.2 39.4

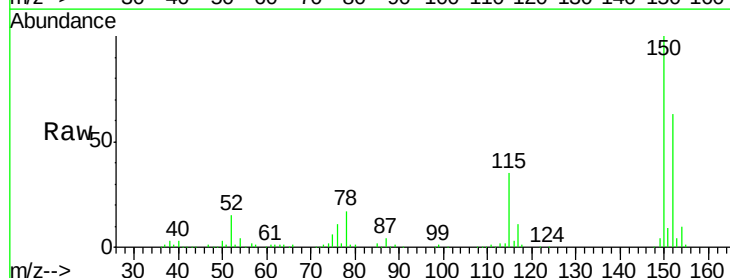


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V

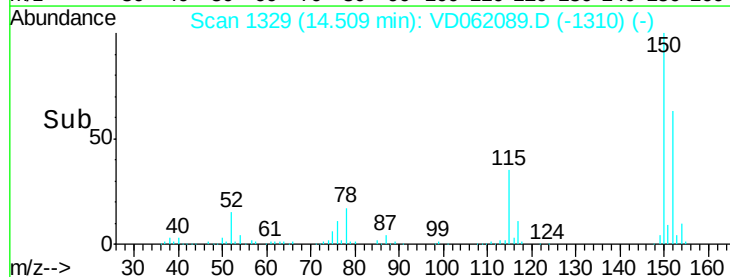
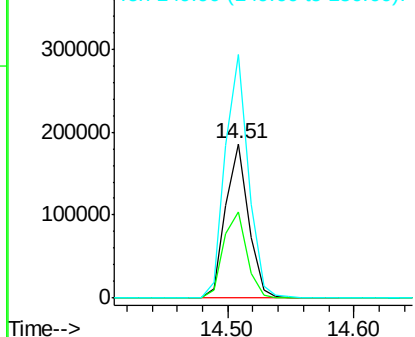


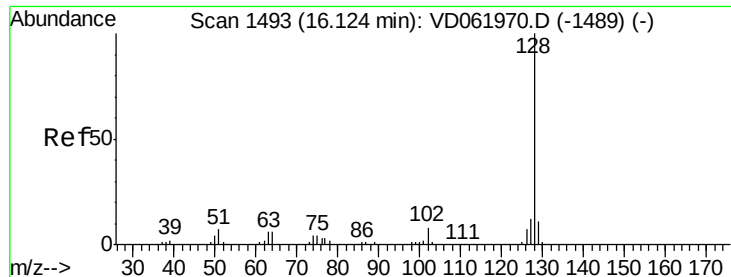
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: VD062089.D
 Acq: 30 Apr 2019 16:04

Tgt Ion:152 Resp: 232843
 Ion Ratio Lower Upper
 152 100
 115 55.8 30.9 92.7
 150 157.7 0.0 314.8



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





#95
 Naphthalene
 Concen: 28.253 ug/l
 RT: 16.11 min Scan# 1492
 Delta R.T. -0.02 min
 Lab File: VD062089.D
 Acq: 30 Apr 2019 16:04

Instrument :
 MSVOA_D
 ClientSampleId :
 ROCK-COMP

Tot Ion:128 Resp: 158424
 Ion Ratio Lower Upper
 128 100
 127 12.3 9.8 14.8
 129 10.8 8.8 13.2

