

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070819\
 Data File : VD063038.D
 Acq On : 8 Jul 2019 16:04
 Operator : VA/AP
 Sample : K3687-03
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STONES

Quant Time: Jul 09 05:41:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	692160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1065092	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	941585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	506510	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	398845	53.01	ug/l	0.00
Spiked Amount						
			Recovery	=	106.02%	
35) Dibromofluoromethane	6.93	113	386931	43.08	ug/l	0.00
Spiked Amount						
			Recovery	=	86.16%	
50) Toluene-d8	10.41	98	757646	38.76	ug/l	0.00
Spiked Amount						
			Recovery	=	77.52%	
62) 4-Bromofluorobenzene	13.55	95	365862	41.16	ug/l	0.00
Spiked Amount						
			Recovery	=	82.32%	

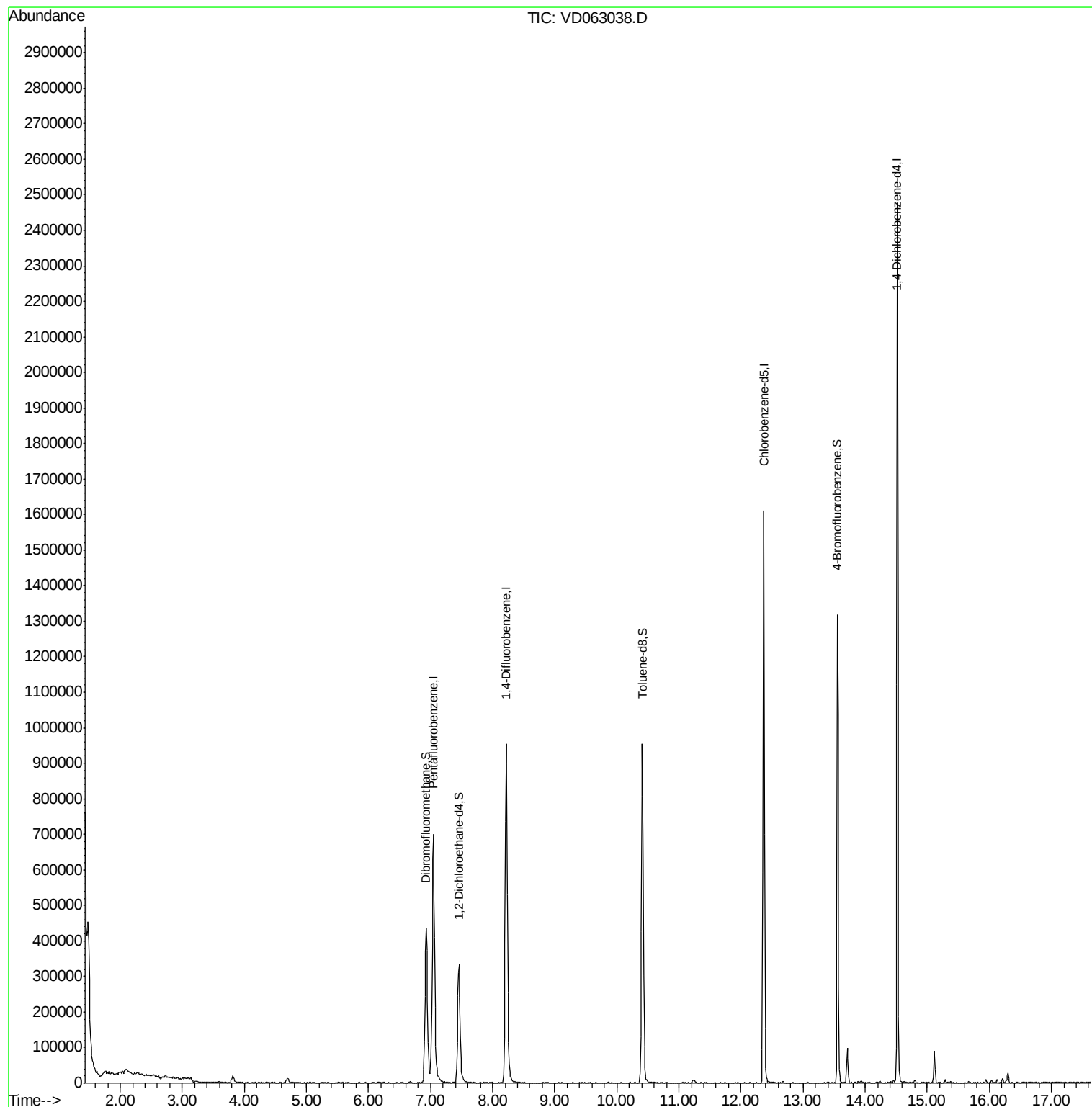
Target Compounds	Qvalue
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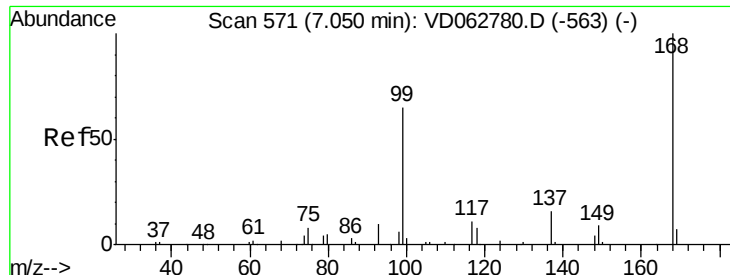
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD063038.D

Acq: 8 Jul 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

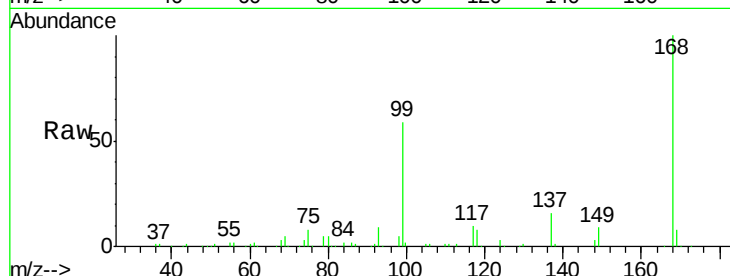
STONES

Tot Ion:168 Resp: 692160

Ion Ratio Lower Upper

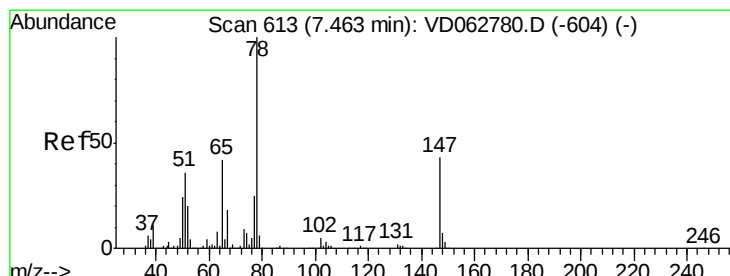
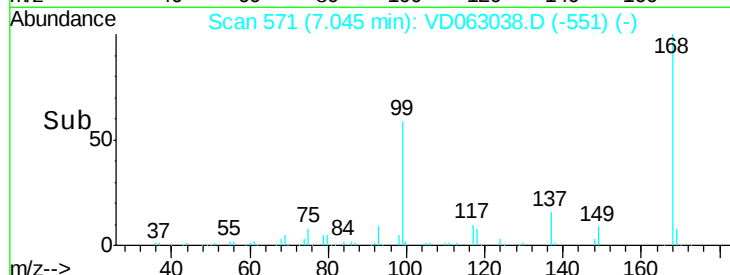
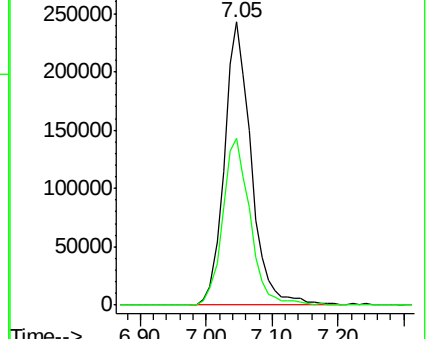
168 100

99 58.9 53.0 79.6



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: 53.012 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD063038.D

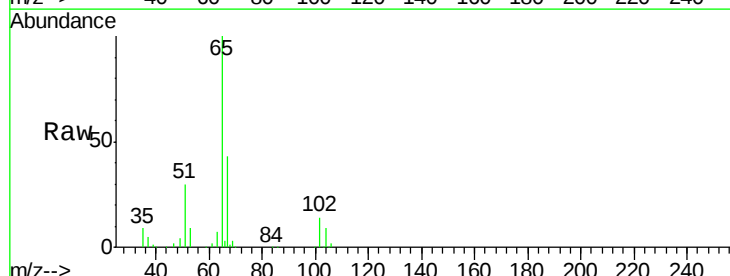
Acq: 8 Jul 2019 16:04

Tgt Ion: 65 Resp: 398845

Ion Ratio Lower Upper

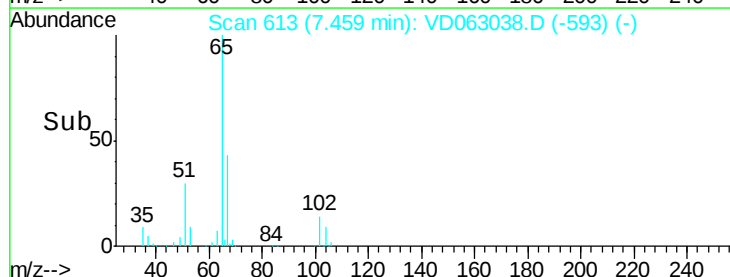
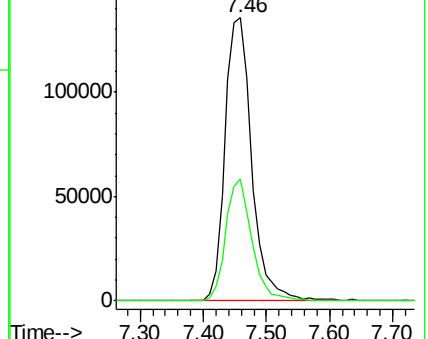
65 100

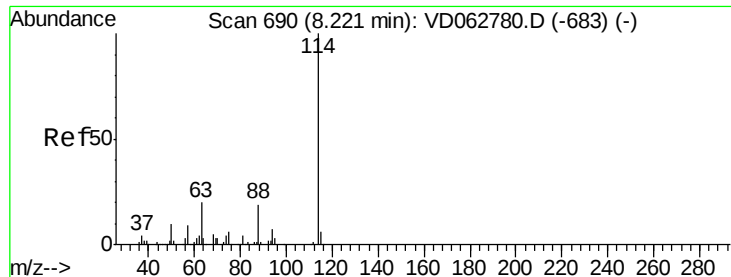
67 42.9 0.0 87.4



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: 8.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD063038.D

Acq: 8 Jul 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

STONES

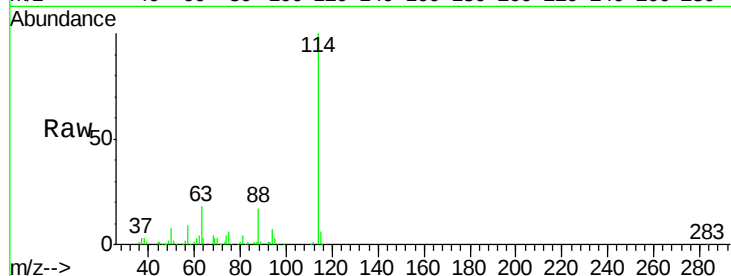
Tot Ion:114 Resp: 1065092

Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.0

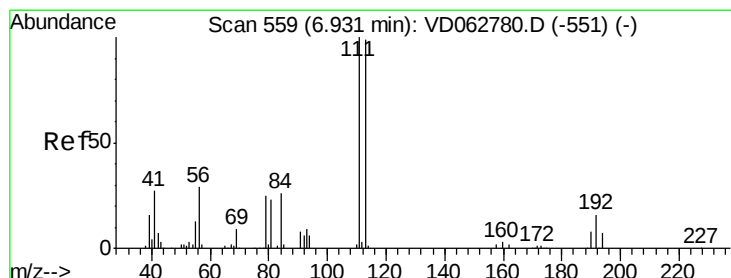
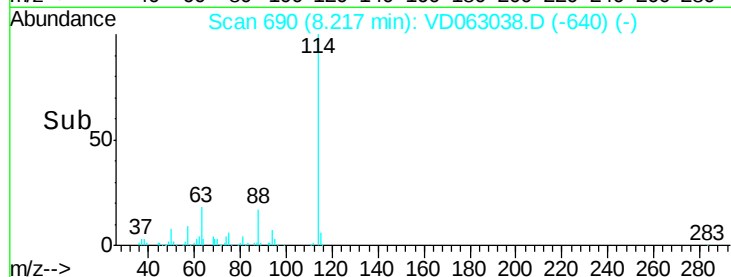
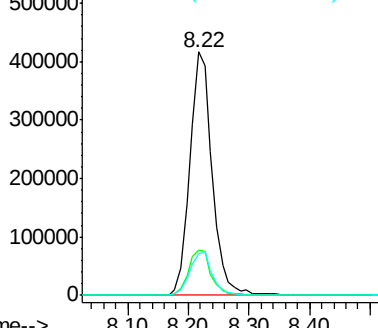
88 17.2 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 43.084 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD063038.D

Acq: 8 Jul 2019 16:04

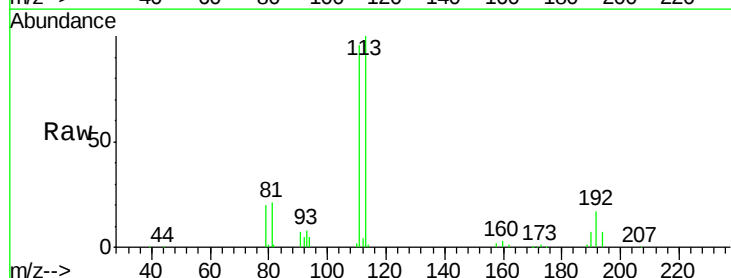
Tgt Ion:113 Resp: 386931

Ion Ratio Lower Upper

113 100

111 95.8 81.2 121.8

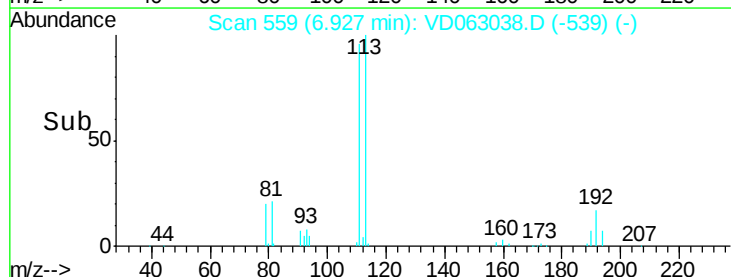
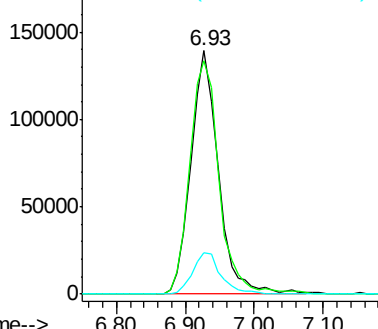
192 17.2 12.9 19.3

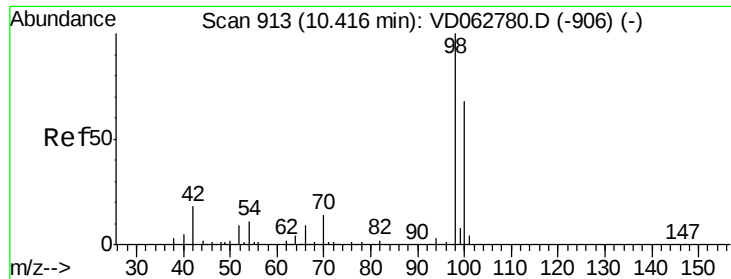


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 38.761 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD063038.D

Acq: 8 Jul 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

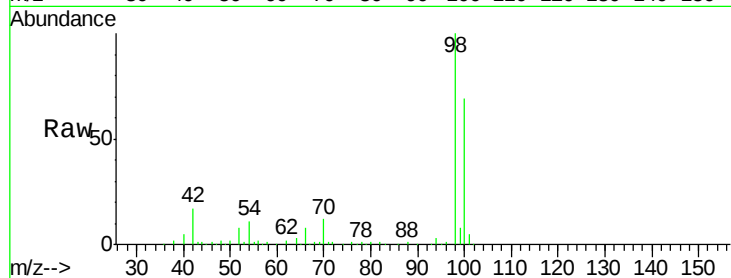
STONES

Tot Ion: 98 Resp: 757646

Ion Ratio Lower Upper

98 100

100 68.8 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VD062780.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD062780.D (-906) (-)

10.41

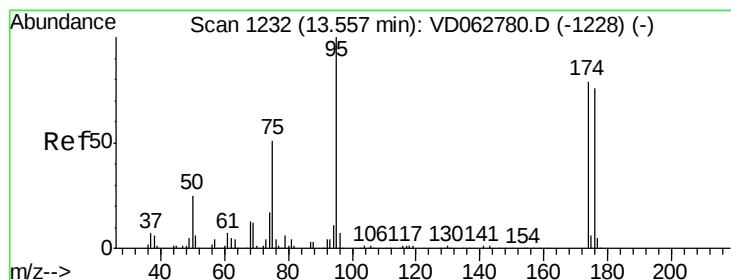
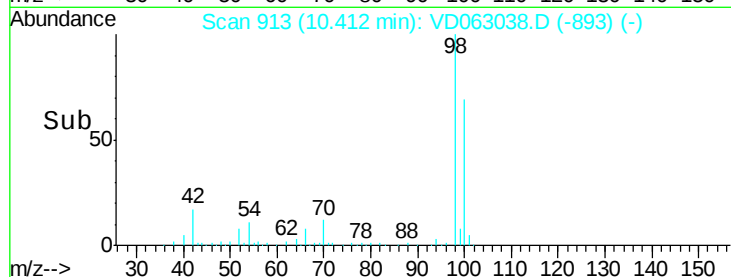
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 41.164 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063038.D

Acq: 8 Jul 2019 16:04

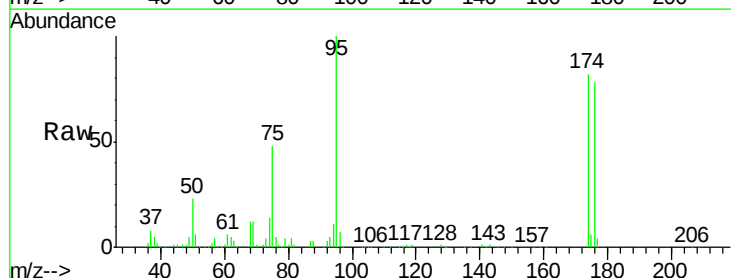
Tgt Ion: 95 Resp: 365862

Ion Ratio Lower Upper

95 100

174 81.6 0.0 158.0

176 78.5 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): VD062780.D (-1228) (-)

Ion 173.90 (173.60 to 174.60): VD062780.D (-1228) (-)

Ion 175.90 (175.60 to 176.60): VD062780.D (-1228) (-)

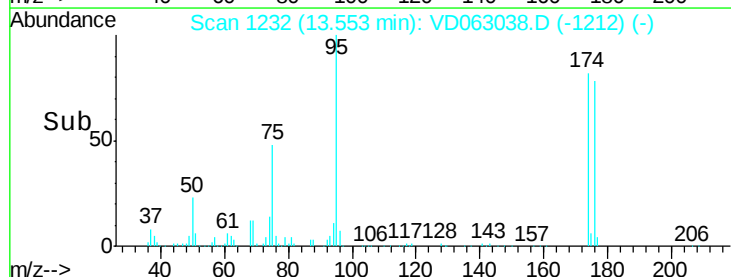
300000

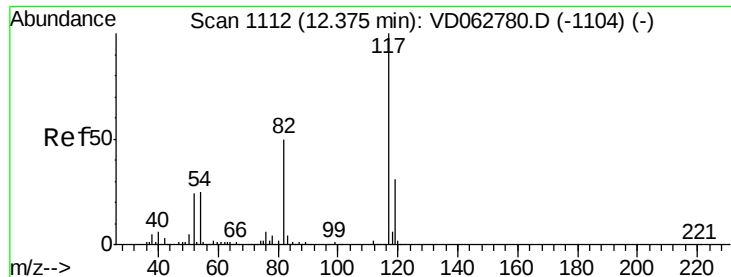
200000

100000

0

Time-->

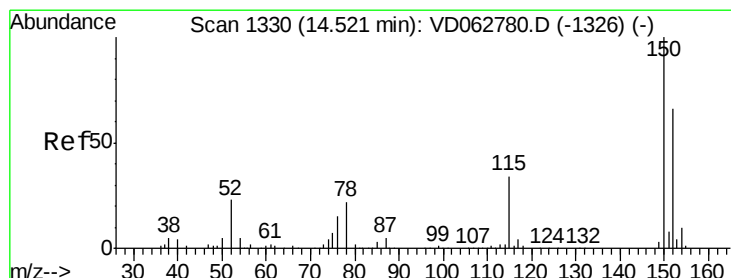
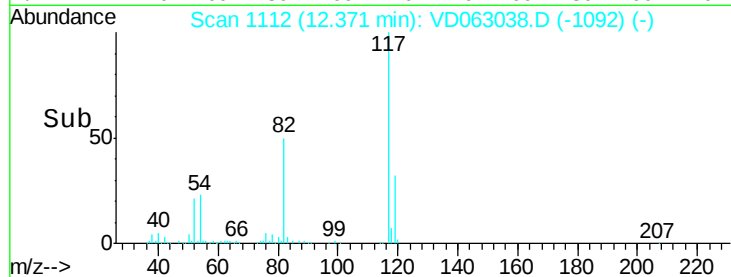
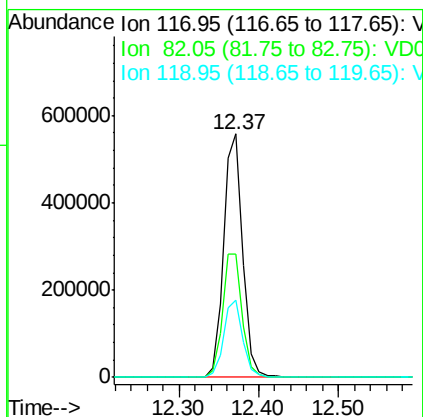
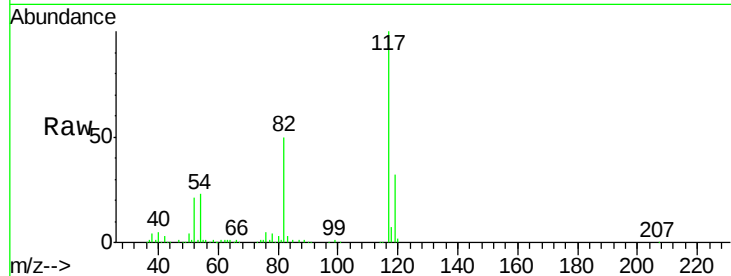




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD063038.D
Acq: 8 Jul 2019 16:04

Instrument :
MSVOA_D
ClientSampleId :
STONES

Tot Ion:117 Resp: 941585
Ion Ratio Lower Upper
117 100
82 50.4 40.4 60.6
119 31.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063038.D
Acq: 8 Jul 2019 16:04

Tgt Ion:152 Resp: 506510
Ion Ratio Lower Upper
152 100
115 60.2 29.2 87.6
150 155.2 0.0 305.8

