

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061831.D
 Acq On : 17 Apr 2019 3:16
 Operator : VA/AP
 Sample : K2389-02
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STONE-1

Quant Time: Apr 17 04:00:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

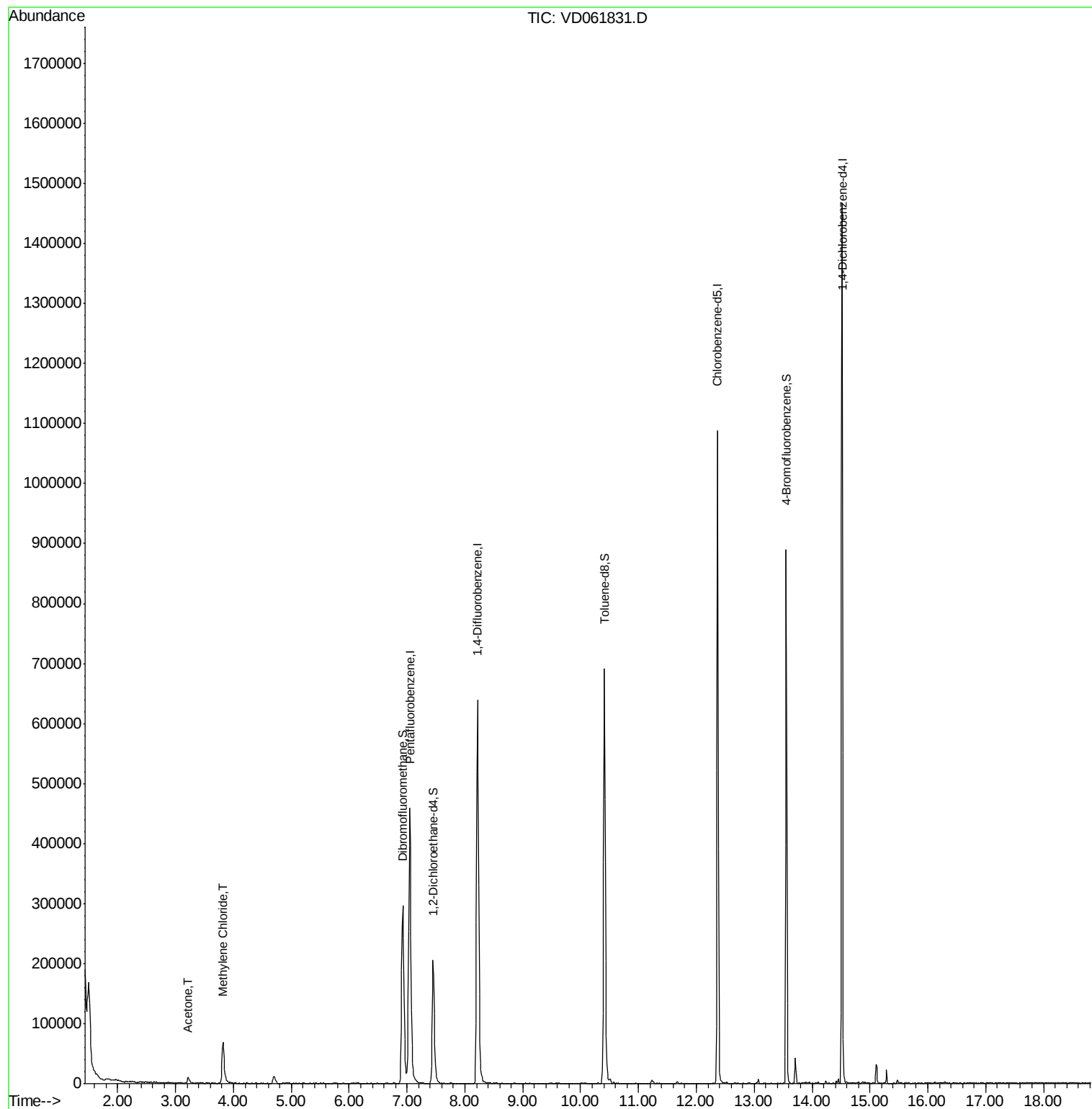
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	469480	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.22	114	773453	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.36	117	714284	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	14.52	152	338262	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	195496	49.69	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	99.38%	
35) Dibromofluoromethane	6.93	113	281893	48.24	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	96.48%	
50) Toluene-d8	10.41	98	602638	43.53	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	87.06%	
62) 4-Bromofluorobenzene	13.55	95	267531	47.67	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	95.34%	
Target Compounds						
16) Acetone	3.22	43	19644	20.257	ug/l	95
20) Methylene Chloride	3.82	84	53209	7.103	ug/l	93

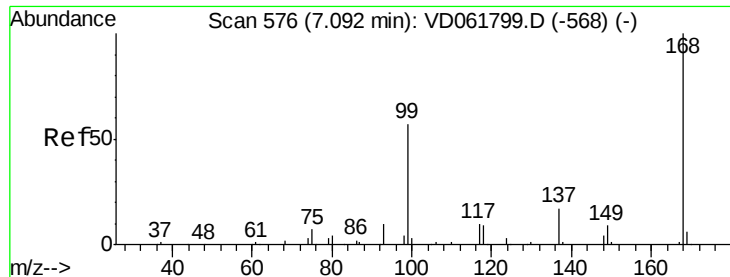
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.04 min

Lab File: VD061831.D

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ClientSampleId :

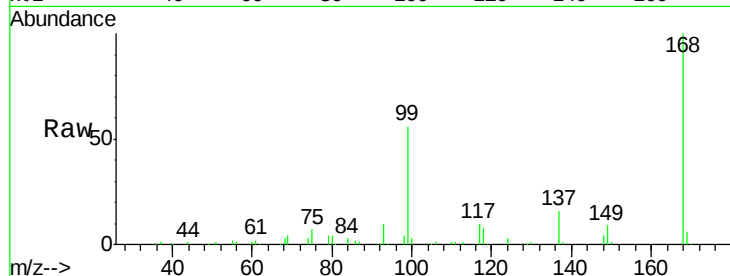
STONE-1

Tot Ion:168 Resp: 469480

Ion Ratio Lower Upper

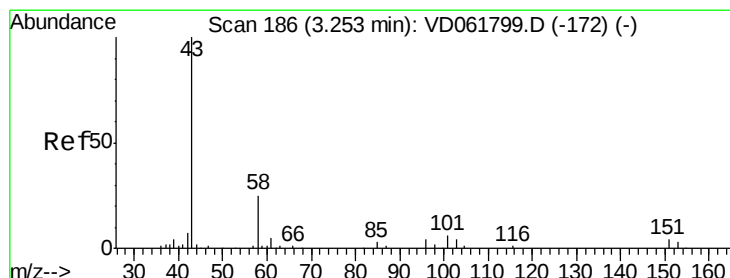
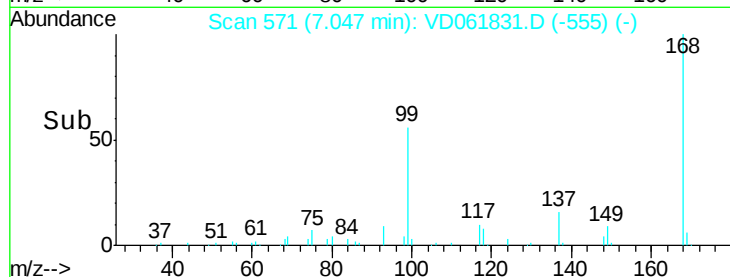
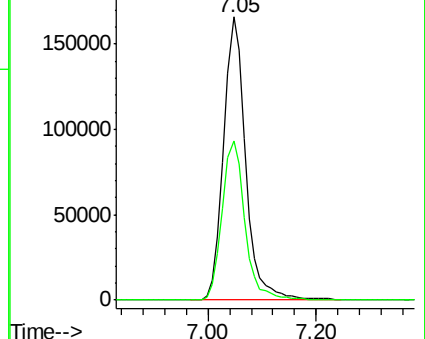
168 100

99 56.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 20.257 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.04 min

Lab File: VD061831.D

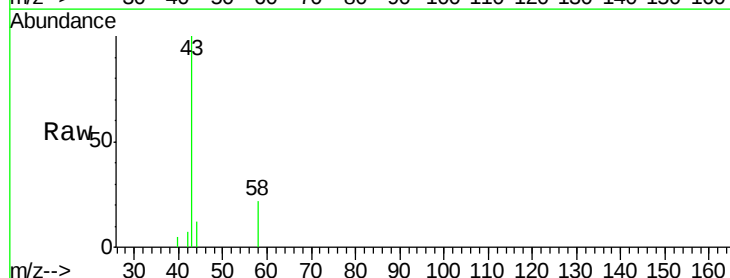
Acq: 17 Apr 2019 3:16

Tgt Ion: 43 Resp: 19644

Ion Ratio Lower Upper

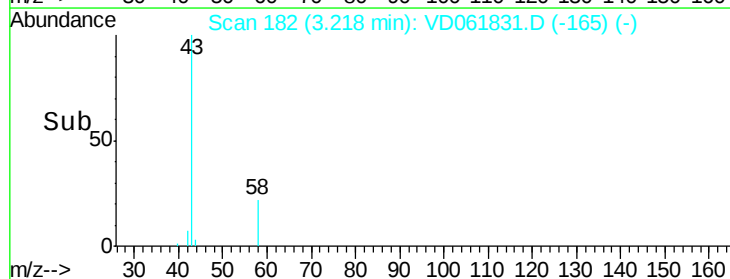
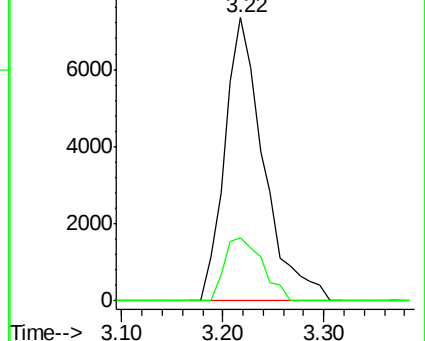
43 100

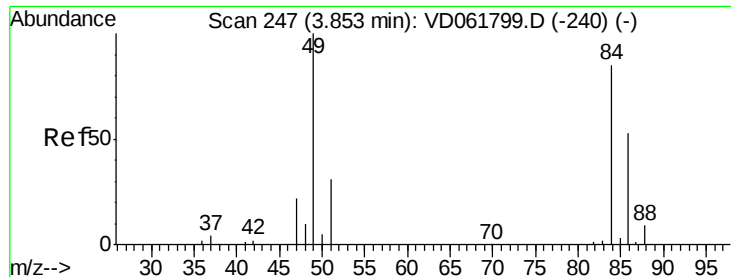
58 22.4 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

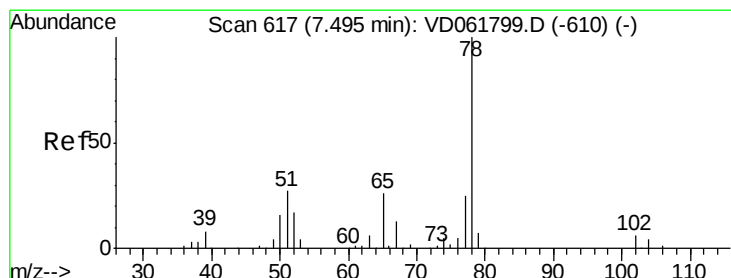
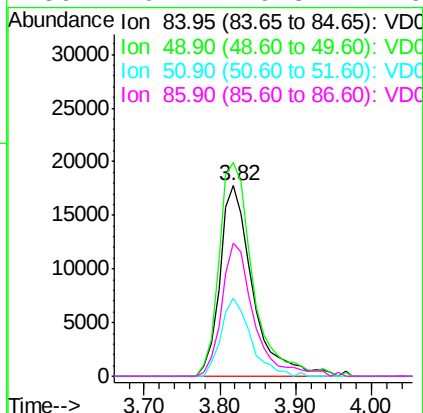
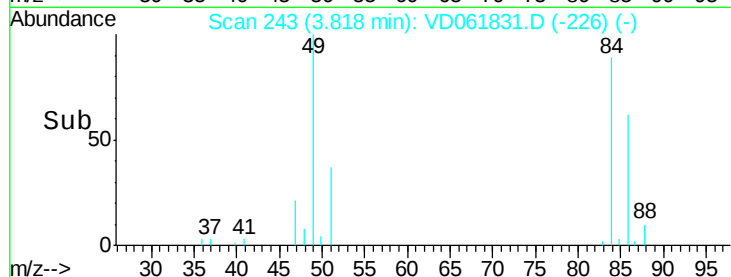
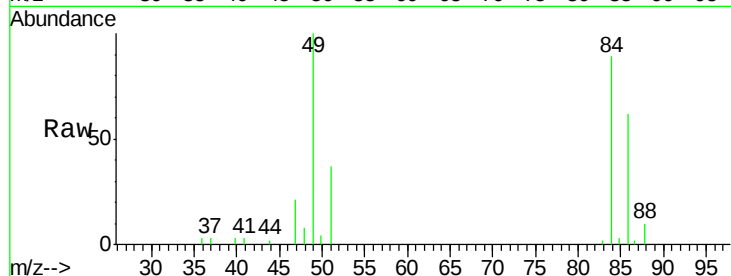




#20
Methylene Chloride
Concen: 7.103 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.03 min
Lab File: VD061831.D
Acq: 17 Apr 2019 3:16

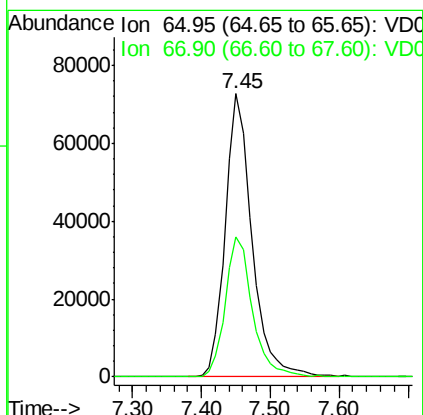
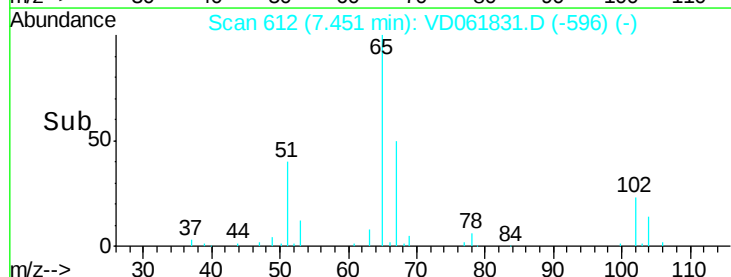
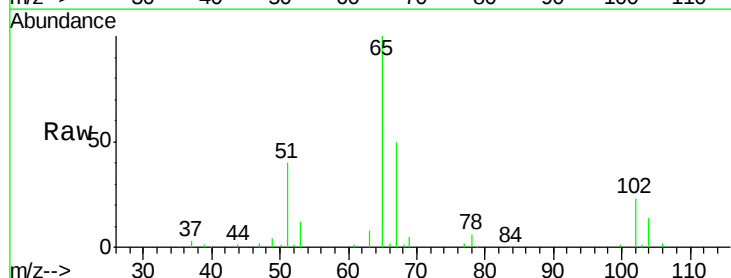
Instrument :
MSVOA_D
ClientSampleId :
STONE-1

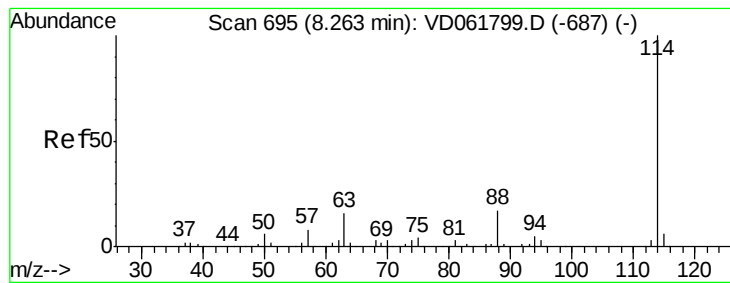
Tot Ion: 84 Resp: 53209
Ion Ratio Lower Upper
84 100
49 112.3 94.0 141.0
51 41.4 29.0 43.4
86 70.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.04 min
Lab File: VD061831.D
Acq: 17 Apr 2019 3:16

Tgt Ion: 65 Resp: 195496
Ion Ratio Lower Upper
65 100
67 49.7 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.04 min

Lab File: VD061831.D

Acq: 17 Apr 2019 3:16

Instrument :

MSVOA_D

ClientSampleId :

STONE-1

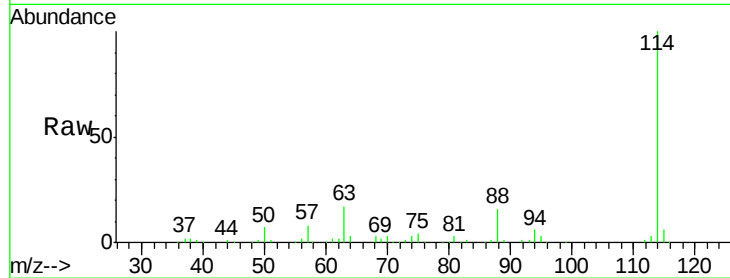
Tot Ion:114 Resp: 773453

Ion Ratio Lower Upper

114 100

63 16.6 0.0 32.4

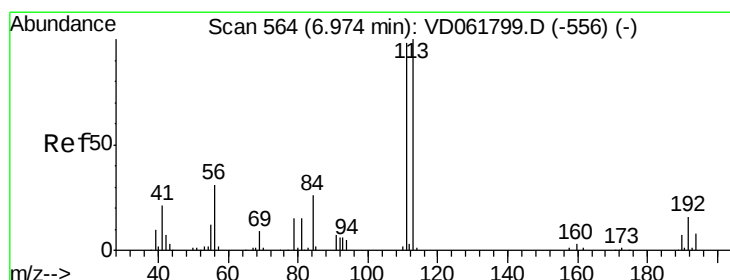
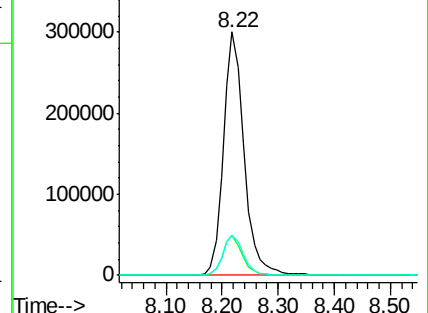
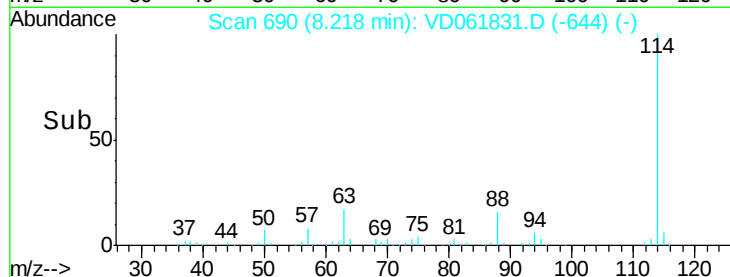
88 16.3 0.0 33.6



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: 50.000 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.04 min

Lab File: VD061831.D

Acq: 17 Apr 2019 3:16

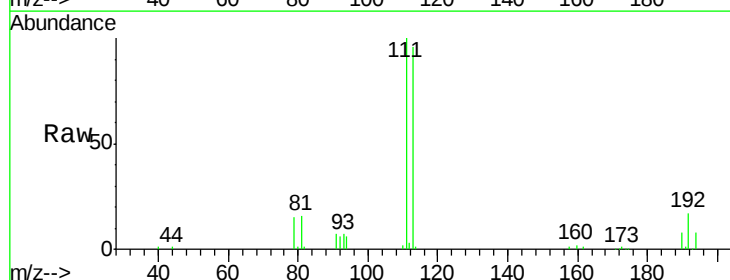
Tgt Ion:113 Resp: 281893

Ion Ratio Lower Upper

113 100

111 104.1 78.5 117.7

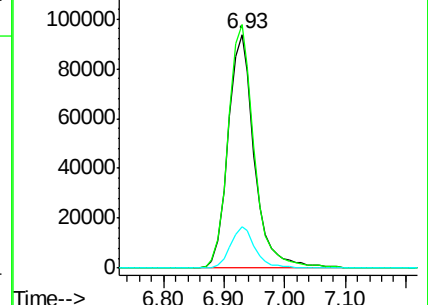
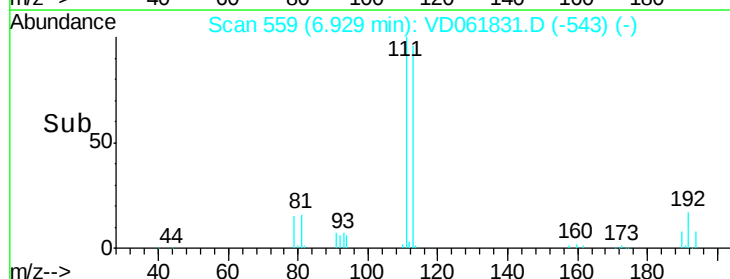
192 17.6 13.0 19.4

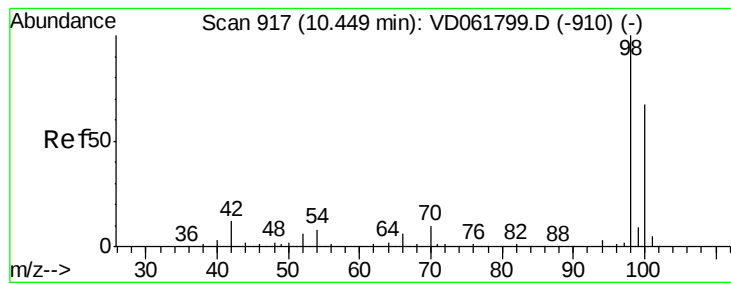


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.04 min

Lab File: VD061831.D

Acq: 17 Apr 2019 3:16

Instrument :

MSVOA_D

ClientSampleId :

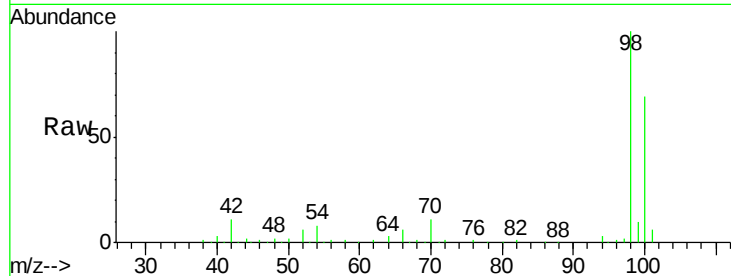
STONE-1

Tot Ion: 98 Resp: 602638

Ion Ratio Lower Upper

98 100

100 68.7 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD061799.D (-910) (-)

Ion 100.05 (99.75 to 100.75): VD061799.D (-910) (-)

10.41

300000

250000

200000

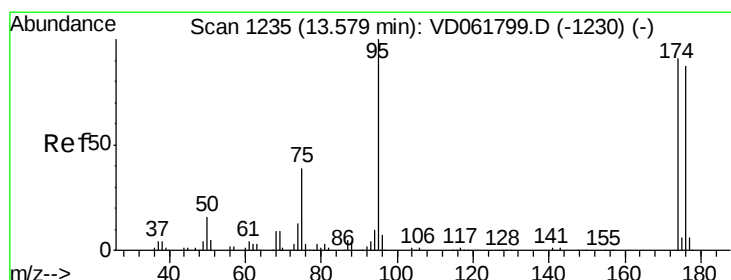
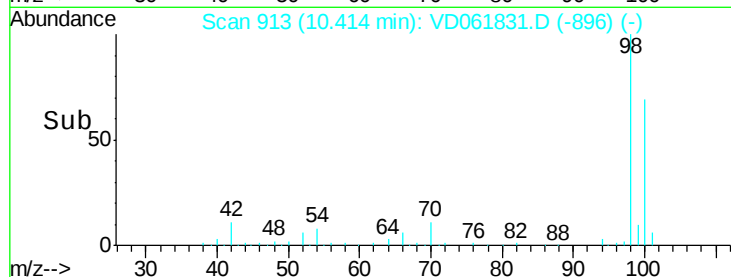
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.03 min

Lab File: VD061831.D

Acq: 17 Apr 2019 3:16

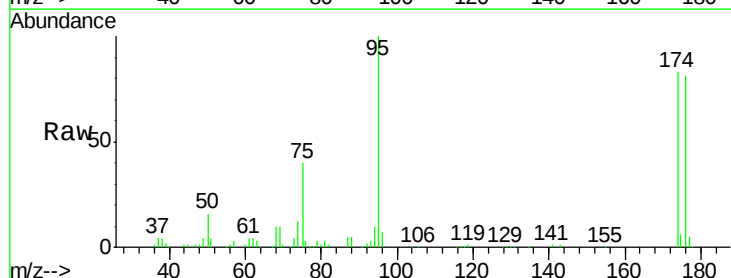
Tgt Ion: 95 Resp: 267531

Ion Ratio Lower Upper

95 100

174 83.1 0.0 181.8

176 80.7 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061799.D (-1230) (-)

Ion 173.90 (173.60 to 174.60): VD061799.D (-1230) (-)

Ion 175.90 (175.60 to 176.60): VD061799.D (-1230) (-)

250000

200000

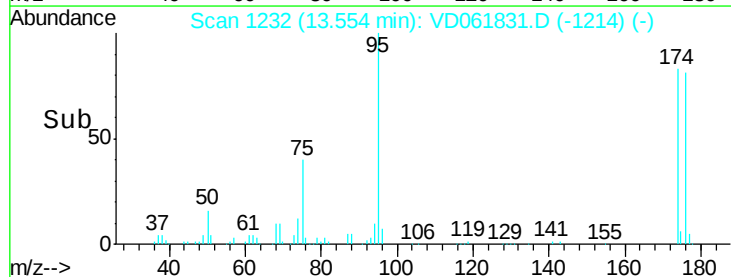
150000

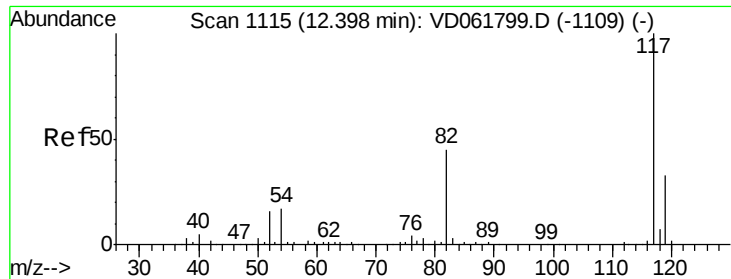
100000

50000

0

Time-->

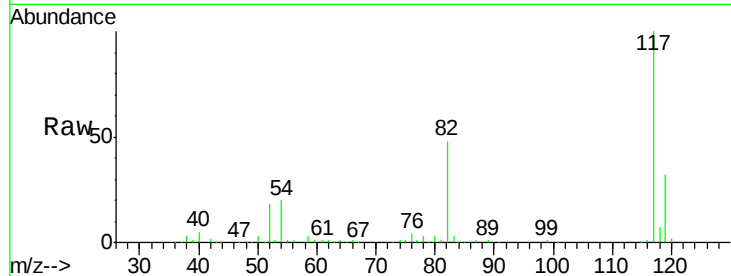




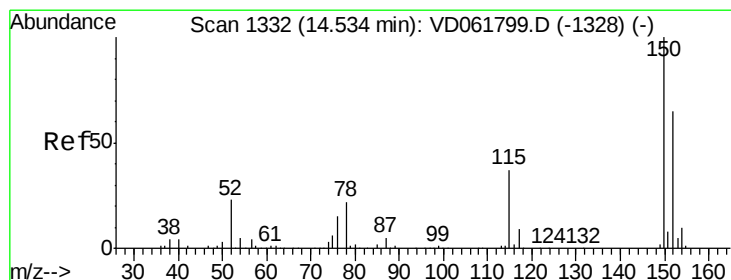
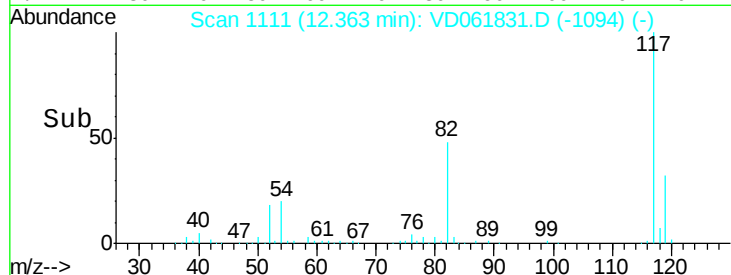
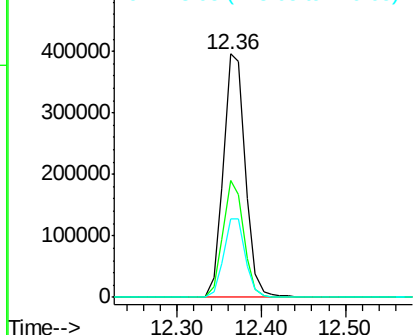
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.04 min
Lab File: VD061831.D
Acq: 17 Apr 2019 3:16

Instrument :
MSVOA_D
ClientSampleId :
STONE-1

Tot Ion:117 Resp: 714284
Ion Ratio Lower Upper
117 100
82 47.9 36.2 54.2
119 32.4 26.2 39.4

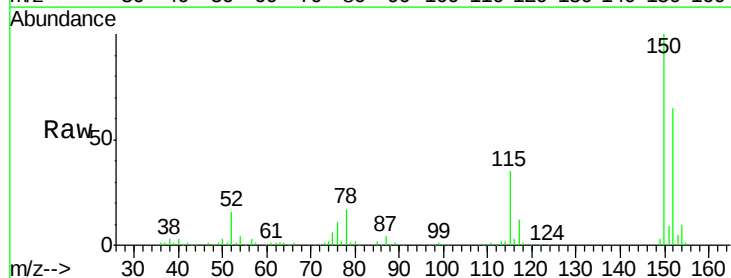


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD061831.D
Acq: 17 Apr 2019 3:16

Tgt Ion:152 Resp: 338262
Ion Ratio Lower Upper
152 100
115 54.1 30.9 92.7
150 153.3 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

