

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041719\
 Data File : VD061859.D
 Acq On : 17 Apr 2019 18:14
 Operator : VA/AP
 Sample : K2389-05RE
 Misc : 5.09g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STONE-4RE

Quant Time: Apr 17 18:40:44 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

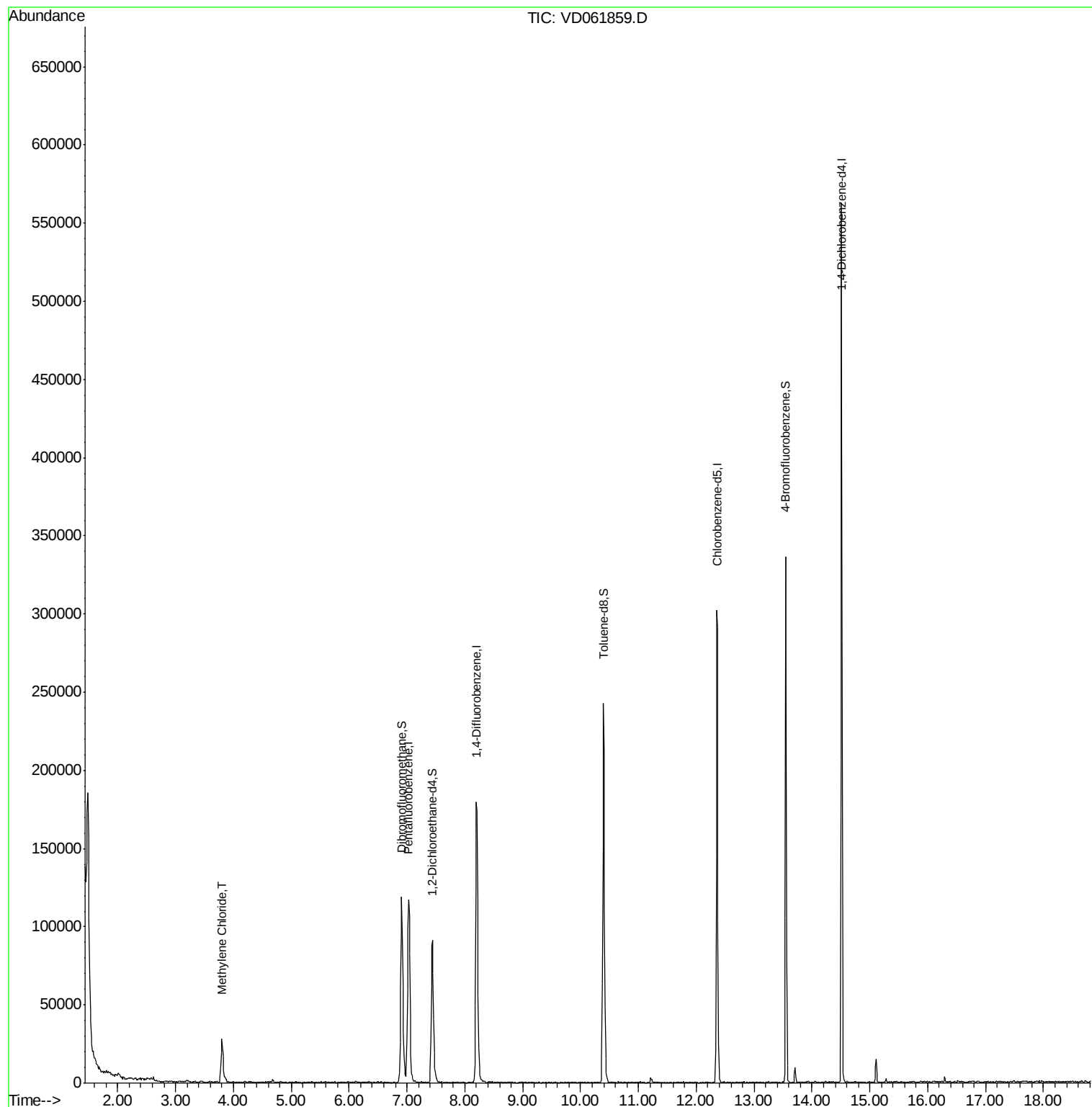
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	126964	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	8.21	114	218969	50.00	ug/l	-0.05
63) Chlorobenzene-d5	12.36	117	201678	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.51	152	118182	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	97776	91.89	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	183.78%	
35) Dibromofluoromethane	6.91	113	107148	64.77	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	129.54%	
50) Toluene-d8	10.39	98	204658	52.21	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	13.54	95	111012	69.87	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	139.74%	
Target Compounds						
20) Methylene Chloride	3.80	84	19317	11.265	ug/l	Qvalue 89

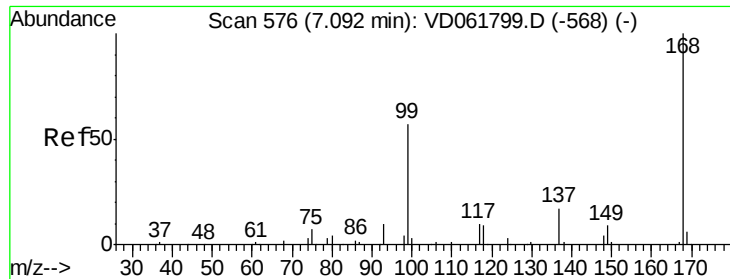
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.06 min

Lab File: VD061859.D

Acq: 17 Apr 2019 18:14

Instrument :

MSVOA_D

ClientSampleId :

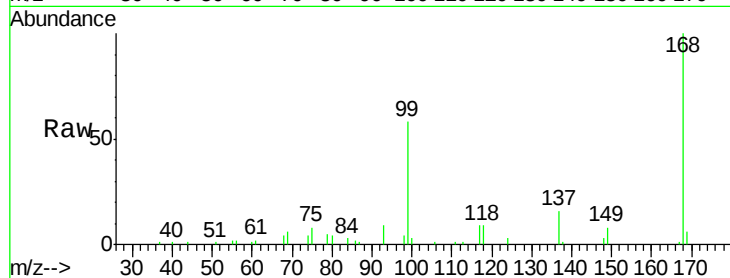
STONE-4RE

Tot Ion:168 Resp: 126964

Ion Ratio Lower Upper

168 100

99 58.3 46.5 69.7

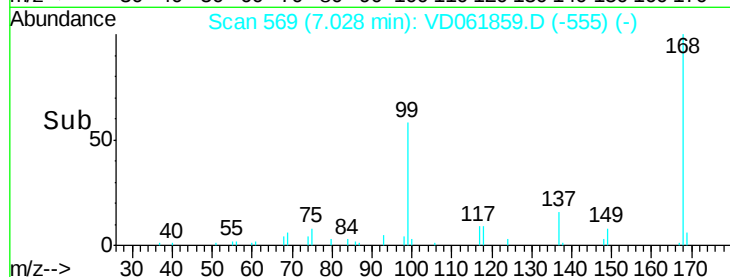


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

Time-->



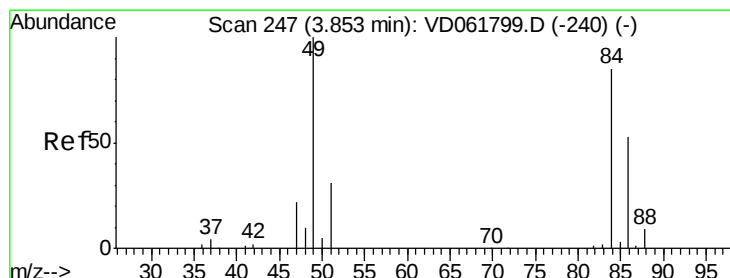
Abundance

Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

Time-->



#20

Methylene Chloride

Concen: 11.265 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.05 min

Lab File: VD061859.D

Acq: 17 Apr 2019 18:14

Tgt Ion: 84 Resp: 19317

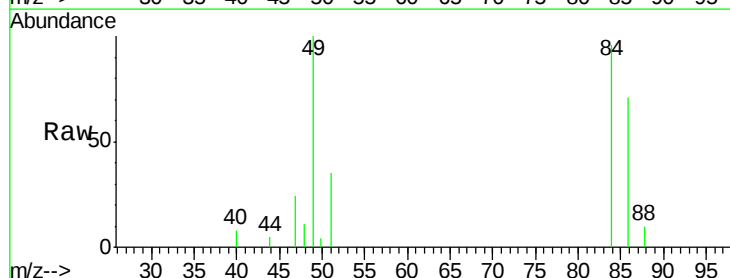
Ion Ratio Lower Upper

84 100

49 104.7 94.0 141.0

51 36.4 29.0 43.4

86 74.2 49.8 74.6



Abundance Ion 83.95 (83.65 to 84.65): VDC

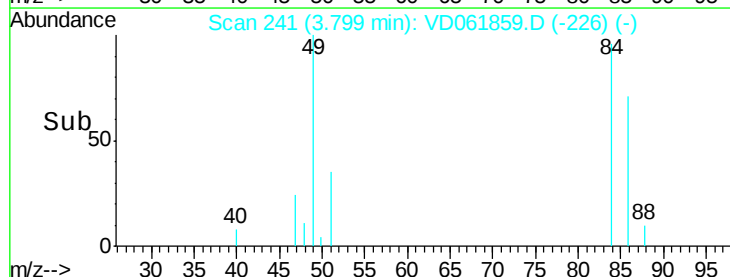
Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

3.80

Time-->



Abundance

Ion 83.95 (83.65 to 84.65): VDC

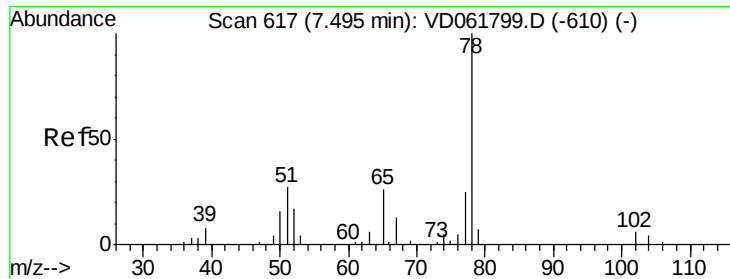
Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

3.80

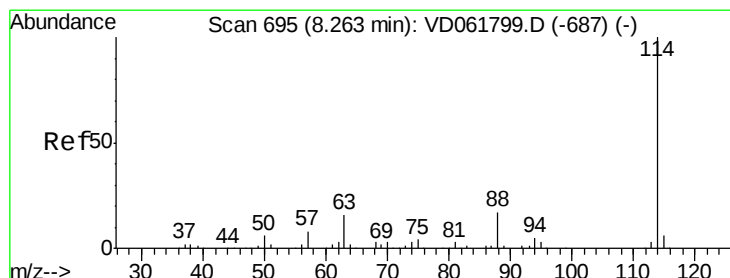
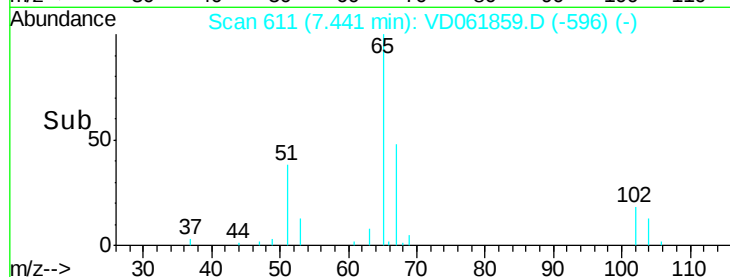
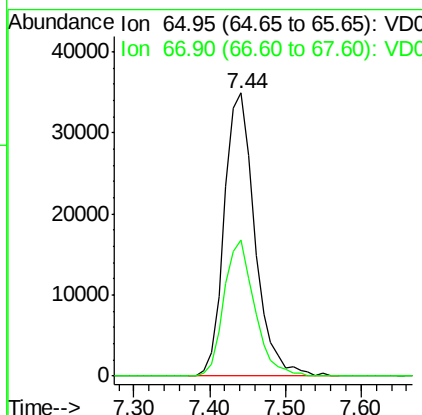
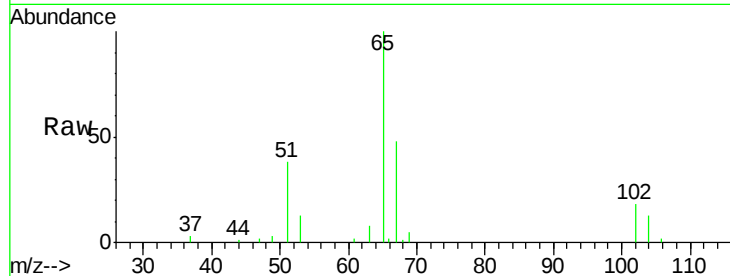
Time-->



#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.05 min
 Lab File: VD061859.D
 Acq: 17 Apr 2019 18:14

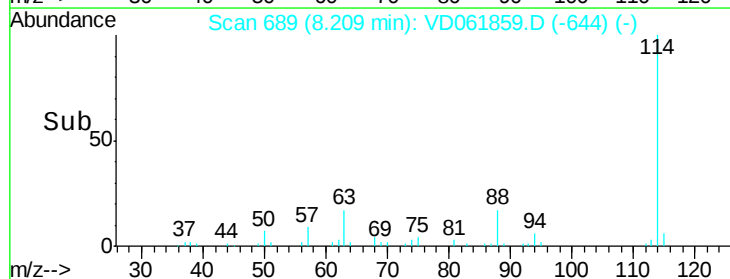
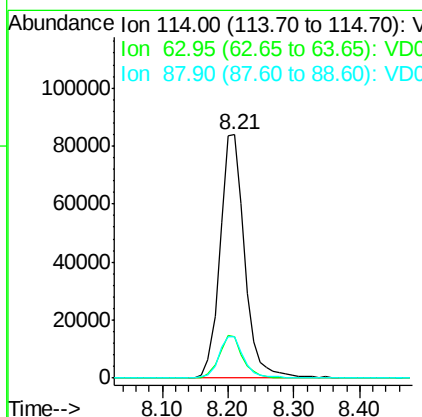
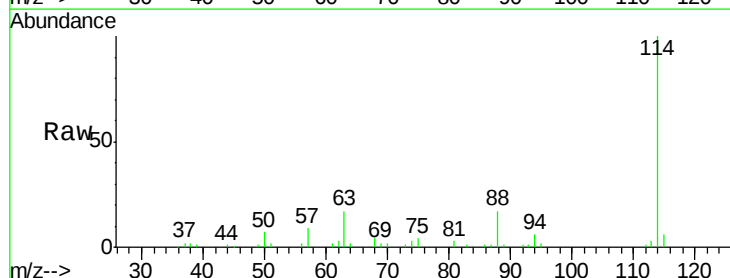
Instrument :
 MSVOA_D
 ClientSampleId :
 STONE-4RE

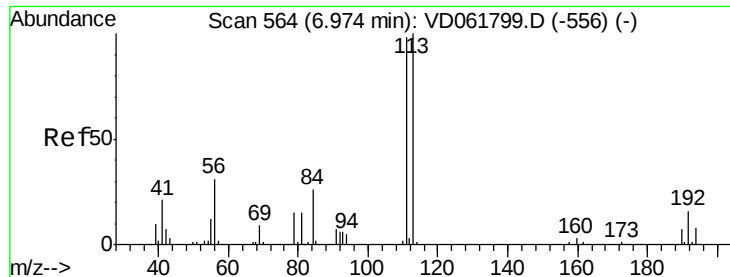
Tot Ion: 65 Resp: 97776
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.05 min
 Lab File: VD061859.D
 Acq: 17 Apr 2019 18:14

Tgt Ion: 114 Resp: 218969
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 32.4
 88 17.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.06 min

Lab File: VD061859.D

Acq: 17 Apr 2019 18:14

Instrument :

MSVOA_D

ClientSampleId :

STONE-4RE

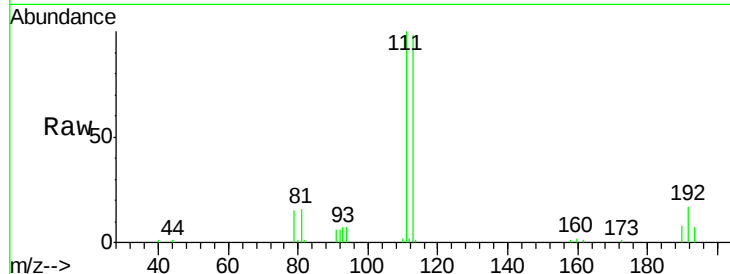
Tot Ion:113 Resp: 107148

Ion Ratio Lower Upper

113 100

111 102.2 78.5 117.7

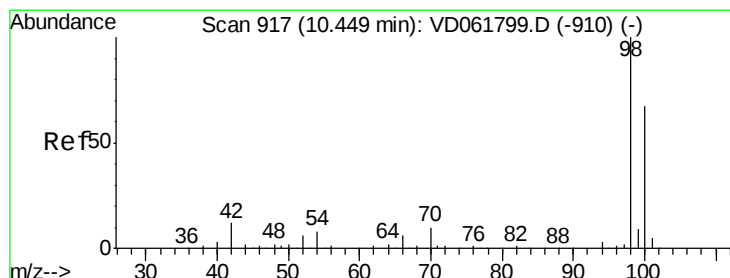
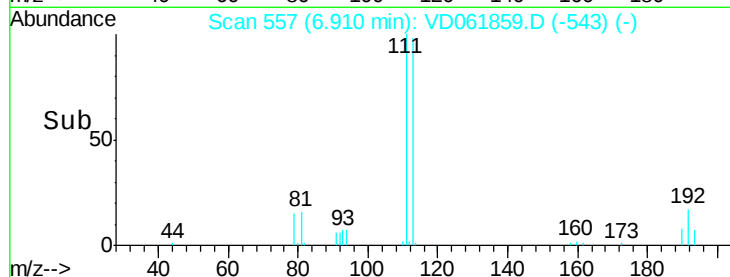
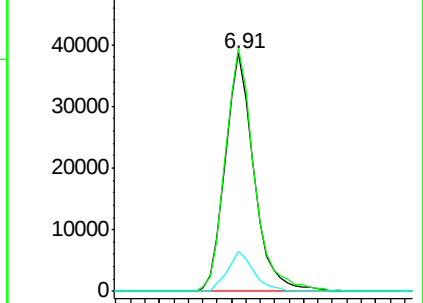
192 17.0 13.0 19.4



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: 10.39 min Scan# 911

Delta R.T. -0.05 min

Lab File: VD061859.D

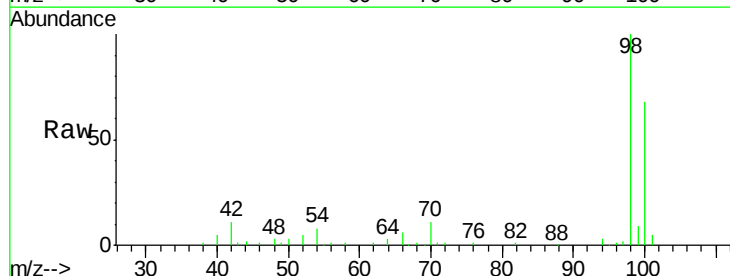
Acq: 17 Apr 2019 18:14

Tgt Ion: 98 Resp: 204658

Ion Ratio Lower Upper

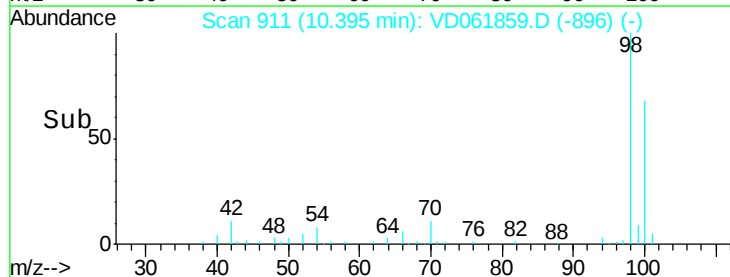
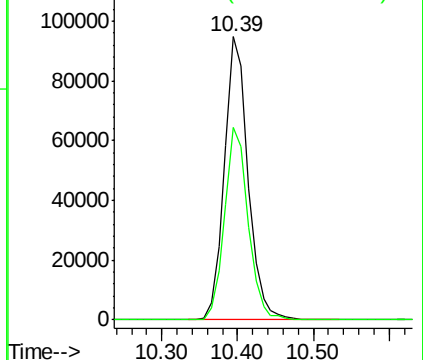
98 100

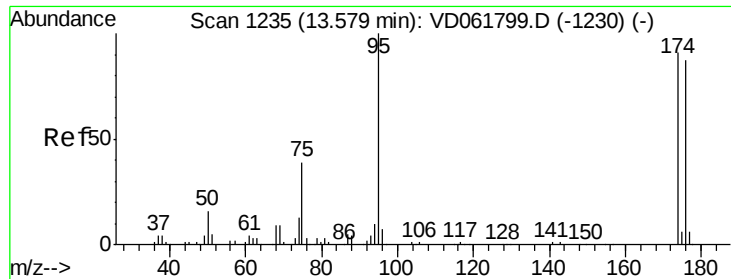
100 68.1 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

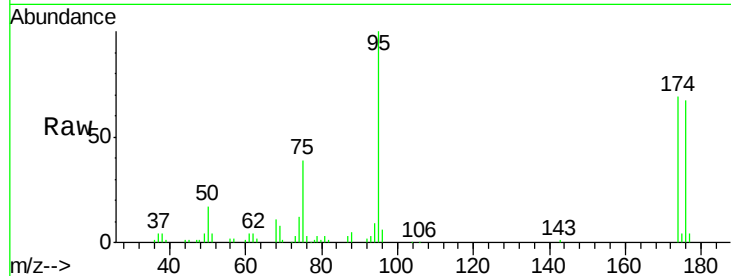




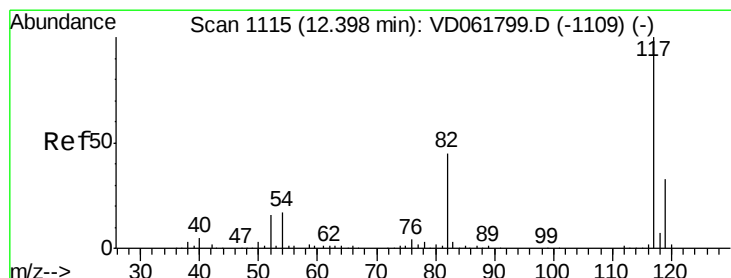
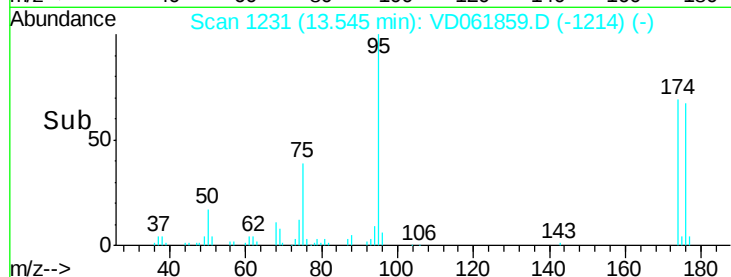
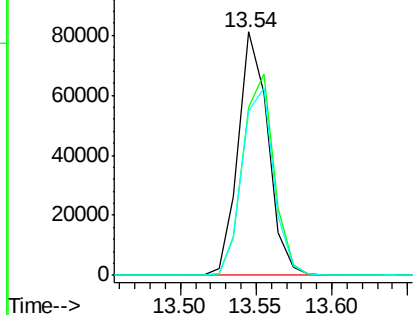
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VD061859.D
Acq: 17 Apr 2019 18:14

Instrument :
MSVOA_D
ClientSampleId :
STONE-4RE

Tot Ion: 95 Resp: 111012
Ion Ratio Lower Upper
95 100
174 69.0 0.0 181.8
176 67.3 0.0 174.4

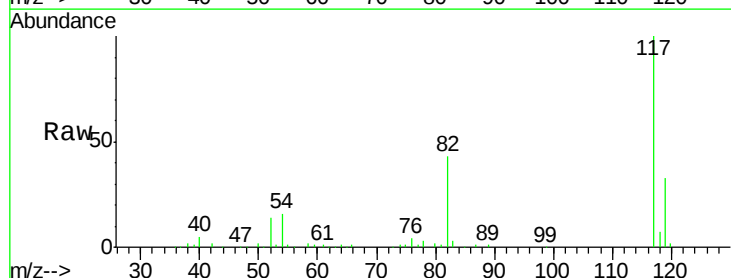


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

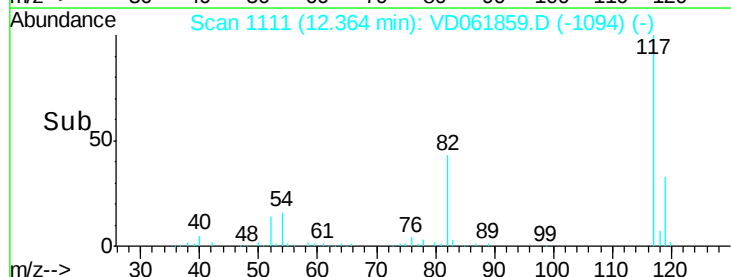
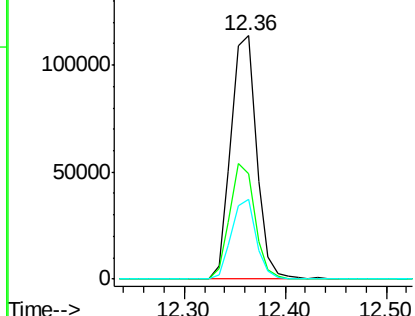


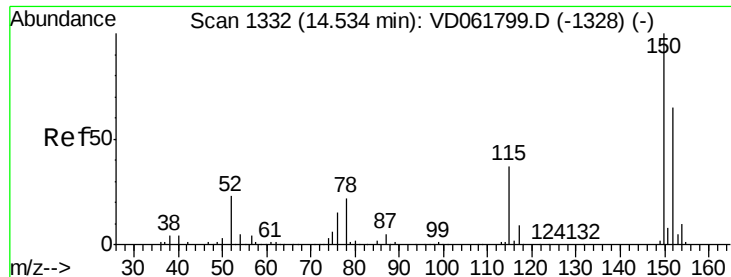
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.03 min
Lab File: VD061859.D
Acq: 17 Apr 2019 18:14

Tgt Ion: 117 Resp: 201678
Ion Ratio Lower Upper
117 100
82 43.2 36.2 54.2
119 32.8 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: VD061859.D
 Acq: 17 Apr 2019 18:14

Instrument :
 MSVOA_D
 ClientSampleId :
 STONE-4RE

Tot Ion:152 Resp: 118182
 Ion Ratio Lower Upper
 152 100
 115 59.1 30.9 92.7
 150 160.2 0.0 314.8

