

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061833.D
 Acq On : 17 Apr 2019 4:12
 Operator : VA/AP
 Sample : K2389-04
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STONE-3

Quant Time: Apr 17 05:16:43 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

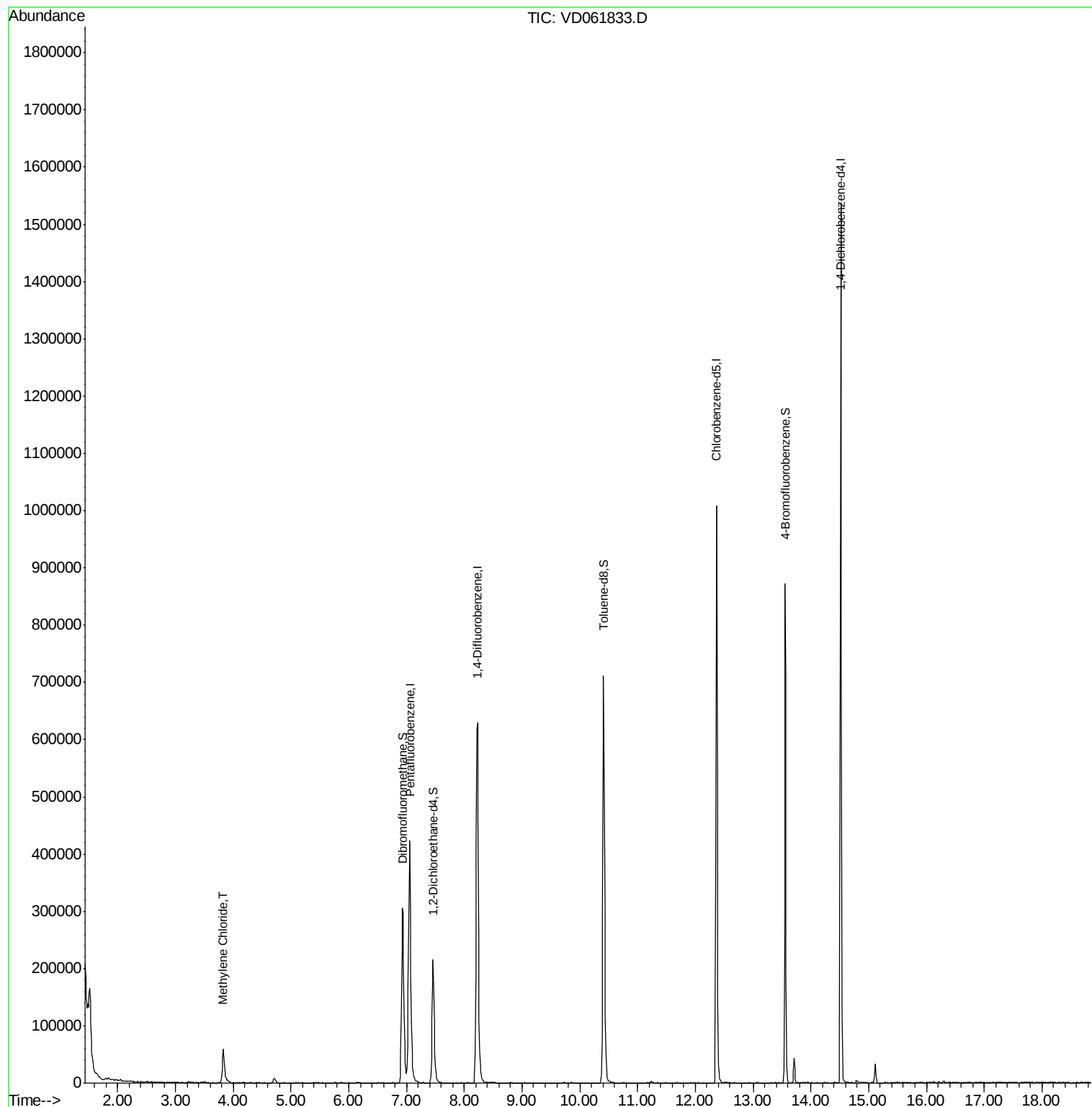
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	437019	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.23	114	821322	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.37	117	692676	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.52	152	342945	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	214048	58.44	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	116.88%	
35) Dibromofluoromethane	6.93	113	297068	47.87	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	95.74%	
50) Toluene-d8	10.41	98	622179	42.32	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	84.64%	
62) 4-Bromofluorobenzene	13.55	95	276071	46.33	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	92.66%	
Target Compounds						
20) Methylene Chloride	3.84	84	44877	5.961	ug/l	Qvalue 91

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.04 min

Lab File: VD061833.D

Acq: 17 Apr 2019 4:12

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MSVOA_D

ClientSampleId :

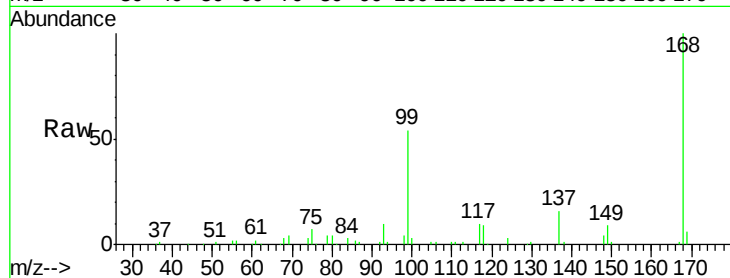
STONE-3

Tot Ion:168 Resp: 437019

Ion Ratio Lower Upper

168 100

99 53.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

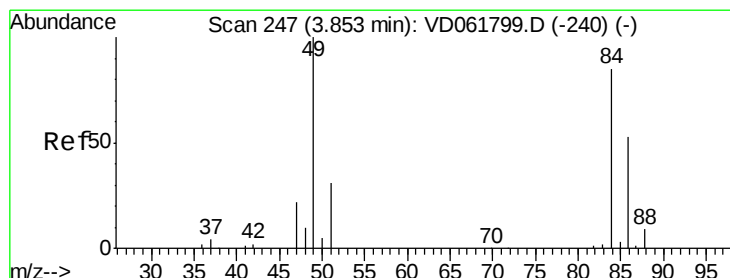
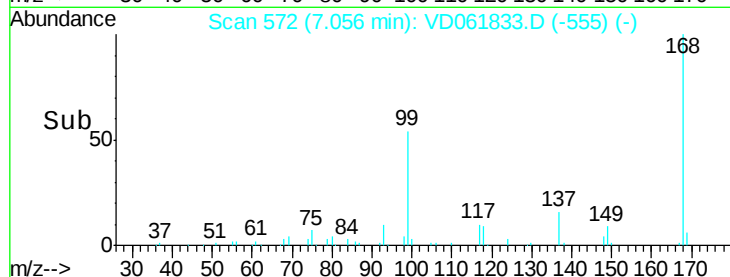
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 5.961 ug/l

RT: 3.84 min Scan# 245

Delta R.T. -0.02 min

Lab File: VD061833.D

Acq: 17 Apr 2019 4:12

Tgt Ion: 84 Resp: 44877

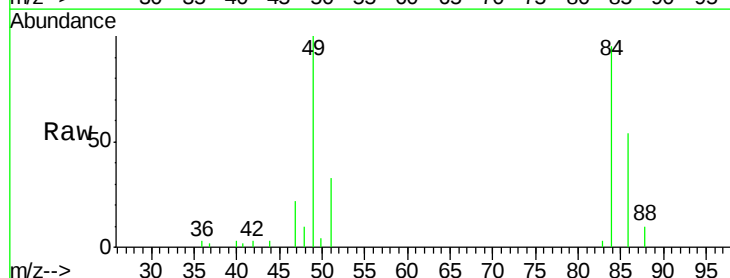
Ion Ratio Lower Upper

84 100

49 105.0 94.0 141.0

51 34.5 29.0 43.4

86 56.7 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

25000

20000

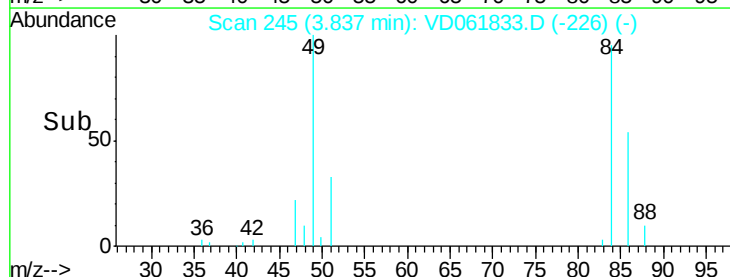
15000

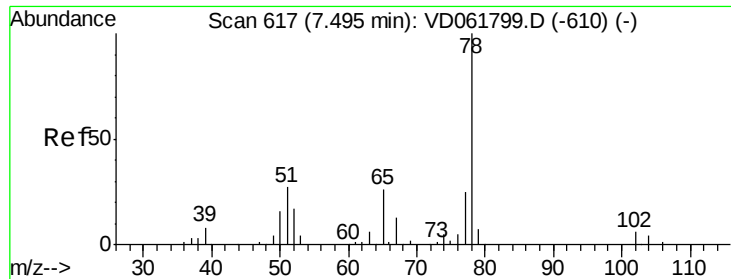
10000

5000

0

Time-->

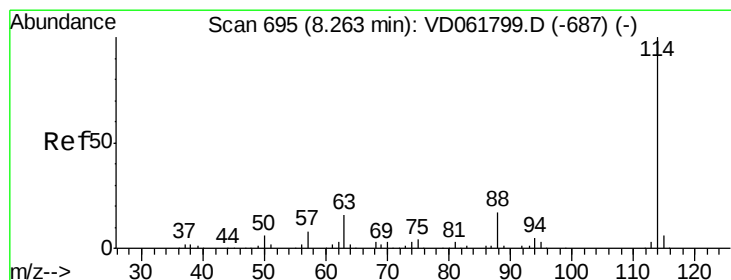
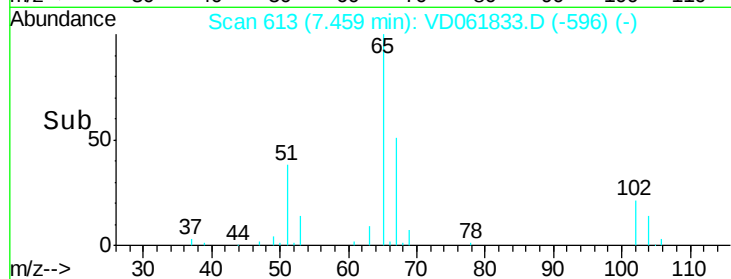
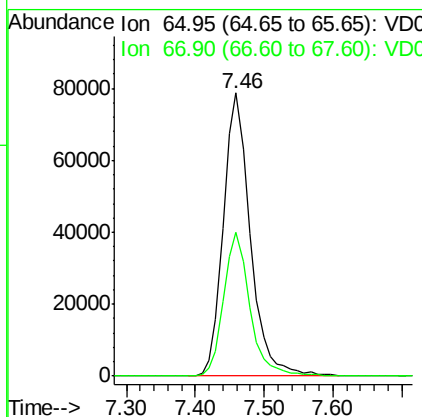
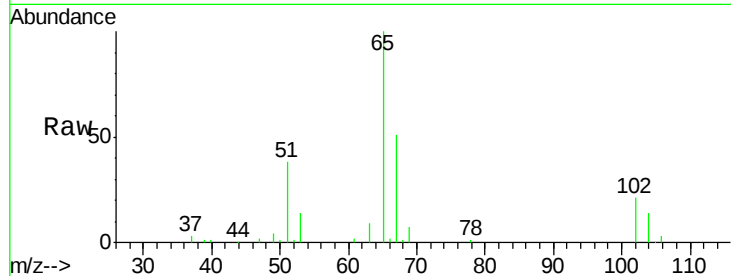




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. -0.04 min
 Lab File: VD061833.D
 Acq: 17 Apr 2019 4:12

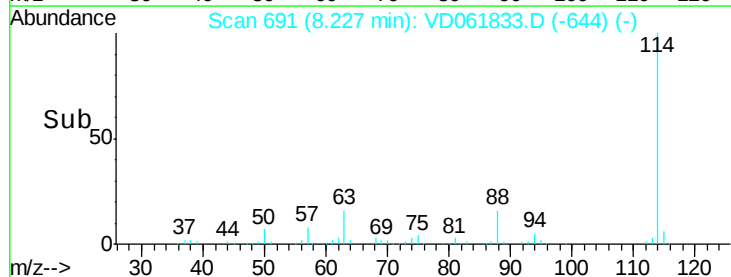
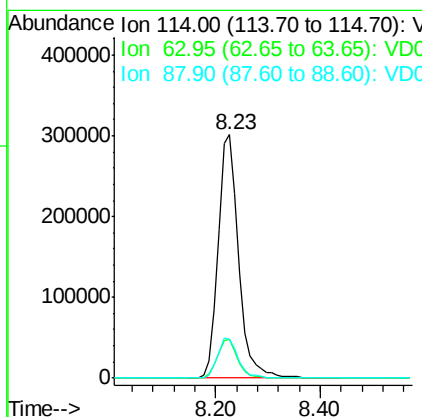
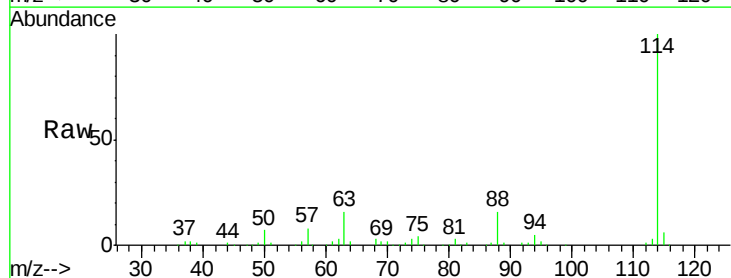
Instrument :
 MSVOA_D
 ClientSampleId :
 STONE-3

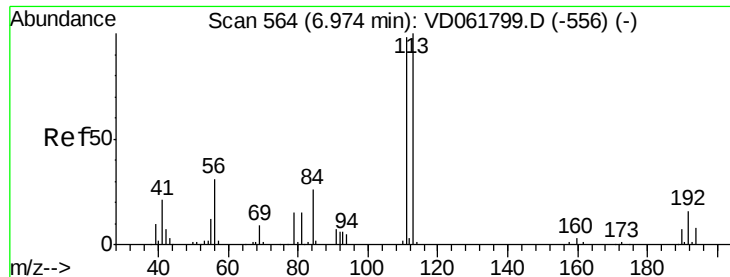
Tot Ion: 65 Resp: 214048
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. -0.04 min
 Lab File: VD061833.D
 Acq: 17 Apr 2019 4:12

Tgt Ion: 114 Resp: 821322
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 32.4
 88 15.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.05 min

Lab File: VD061833.D

Acq: 17 Apr 2019 4:12

Instrument :

MSVOA_D

ClientSampleId :

STONE-3

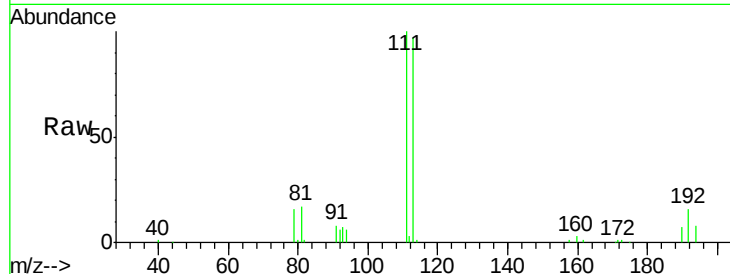
Tot Ion:113 Resp: 297068

Ion Ratio Lower Upper

113 100

111 102.7 78.5 117.7

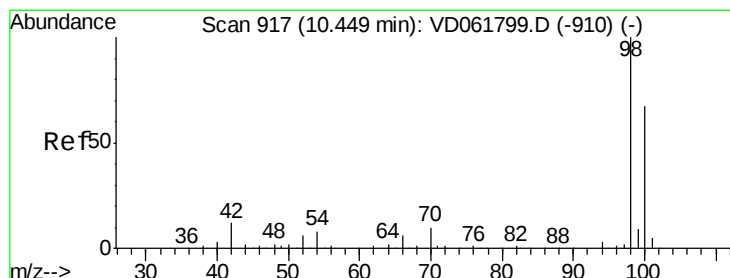
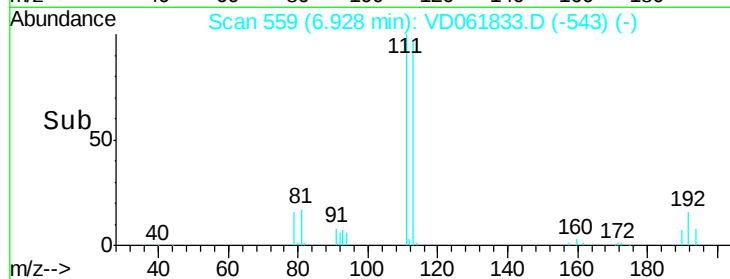
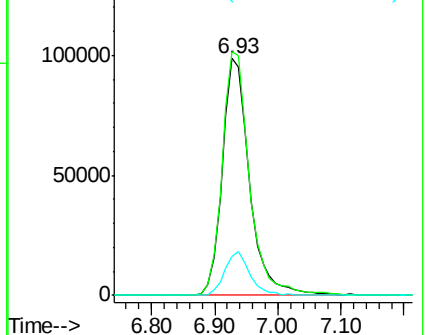
192 16.5 13.0 19.4



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: VD061833.D

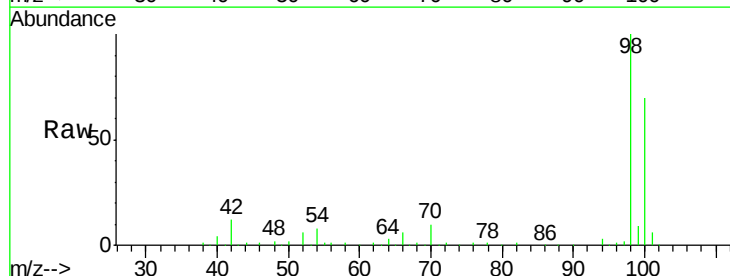
Acq: 17 Apr 2019 4:12

Tgt Ion: 98 Resp: 622179

Ion Ratio Lower Upper

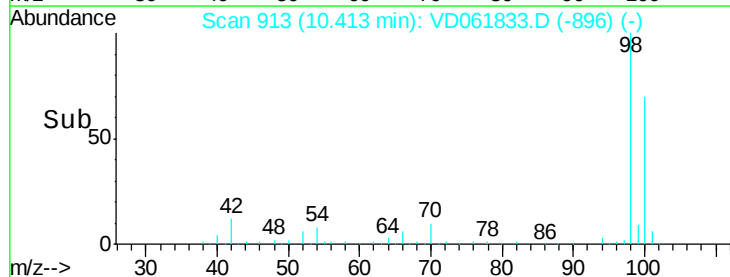
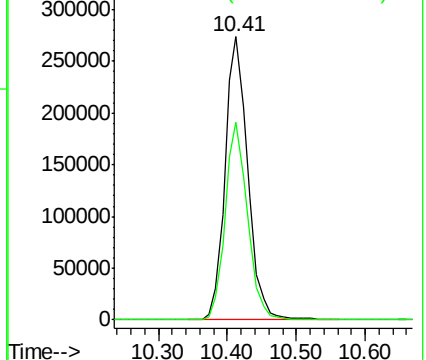
98 100

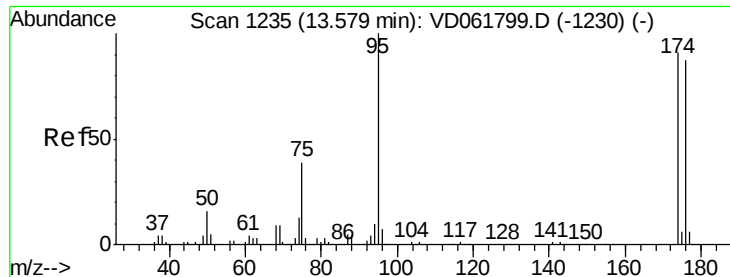
100 69.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

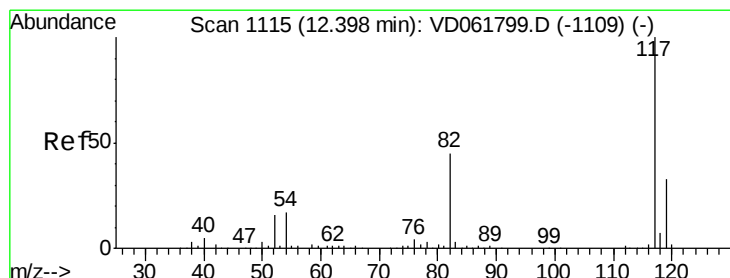
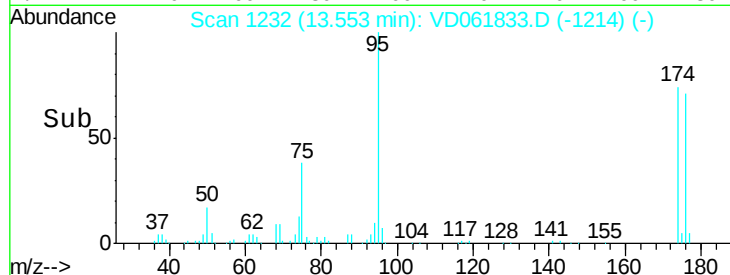
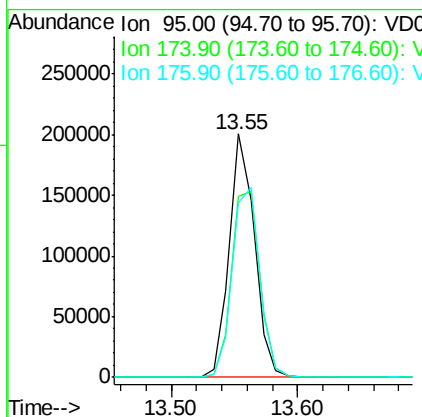
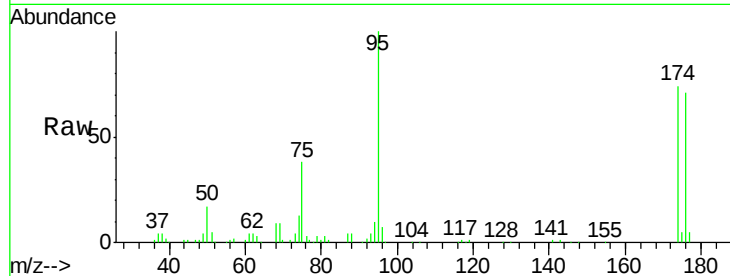




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.03 min
Lab File: VD061833.D
Acq: 17 Apr 2019 4:12

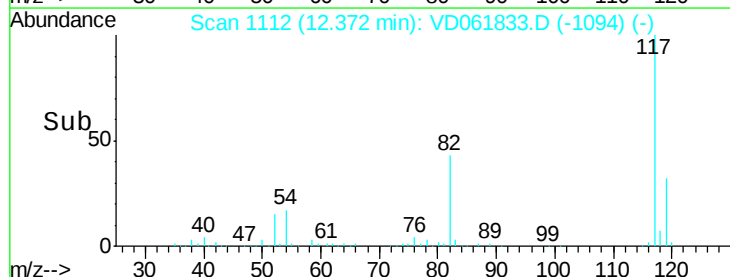
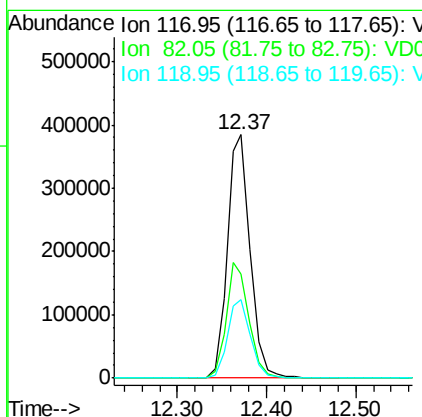
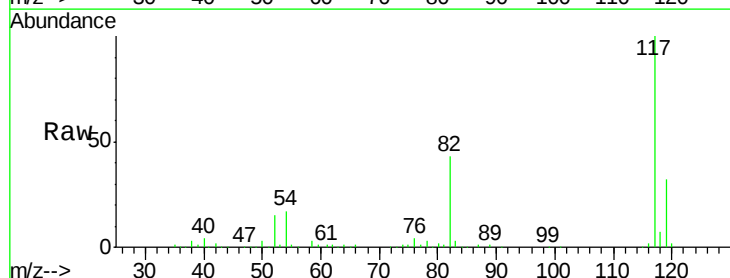
Instrument :
MSVOA_D
ClientSampleId :
STONE-3

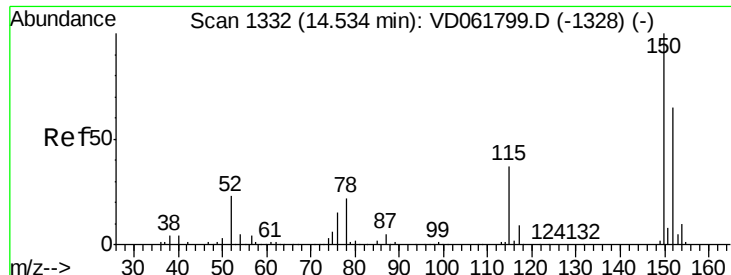
Tot Ion: 95 Resp: 276071
Ion Ratio Lower Upper
95 100
174 74.4 0.0 181.8
176 71.5 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.03 min
Lab File: VD061833.D
Acq: 17 Apr 2019 4:12

Tgt Ion: 117 Resp: 692676
Ion Ratio Lower Upper
117 100
82 43.0 36.2 54.2
119 32.4 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.02 min

Lab File: VD061833.D

Acq: 17 Apr 2019 4:12

Instrument :

MSVOA_D

ClientSampleId :

STONE-3

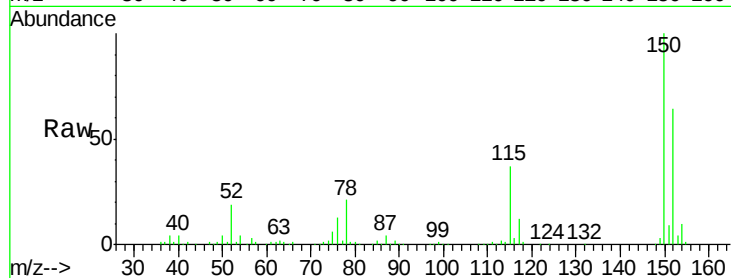
Tot Ion:152 Resp: 342945

Ion Ratio Lower Upper

152 100

115 58.1 30.9 92.7

150 155.8 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

