

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061834.D
 Acq On : 17 Apr 2019 4:40
 Operator : VA/AP
 Sample : K2389-05
 Misc : 5.05µl/5ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STONE-4

Quant Time: Apr 17 07:08:50 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

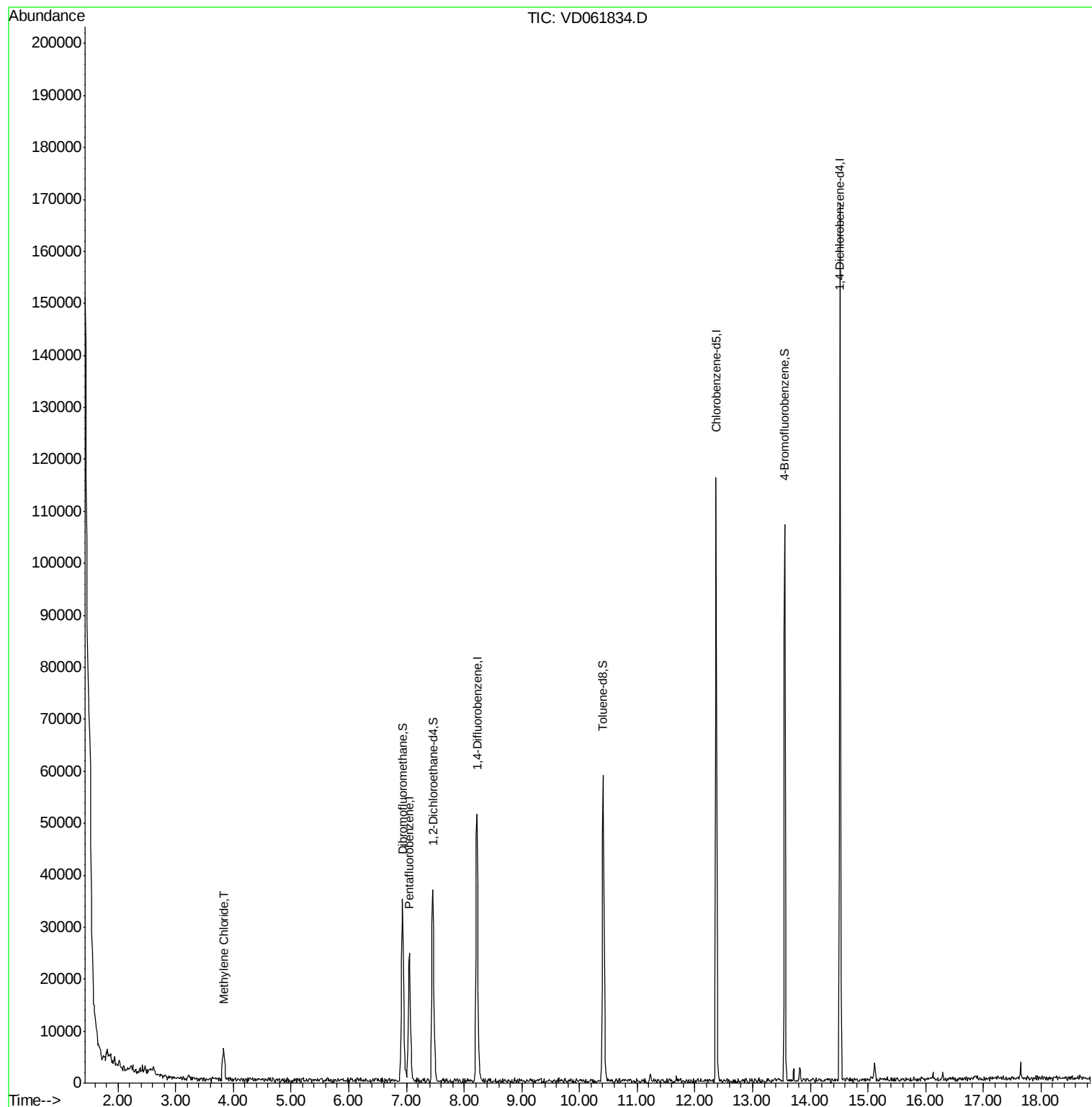
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	30037	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.22	114	66510	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.37	117	71557	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.51	152	39367	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	36024	143.10	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	286.20%	
35) Dibromofluoromethane	6.93	113	33563	66.79	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	133.58%	
50) Toluene-d8	10.41	98	56846	47.75	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	95.50%	
62) 4-Bromofluorobenzene	13.56	95	33300	69.01	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	138.02%	
Target Compounds						
20) Methylene Chloride	3.83	84	4838	12.222	ug/l #	Qvalue 85

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041619\
Data File : VD061834.D
Acq On : 17 Apr 2019 4:40
Operator : VA/AP
Sample : K2389-05
Misc : 5.05g/5ml/MSVOA D/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
STONE-4

Quant Time: Apr 17 07:08:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.04 min

Lab File: VD061834.D

Acq: 17 Apr 2019 4:40

Instrument :

MSVOA_D

ClientSampleId :

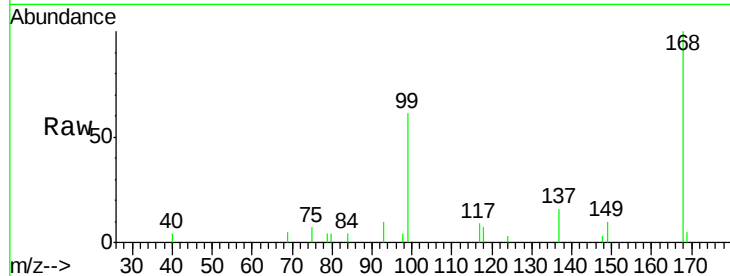
STONE-4

Tot Ion:168 Resp: 30037

Ion Ratio Lower Upper

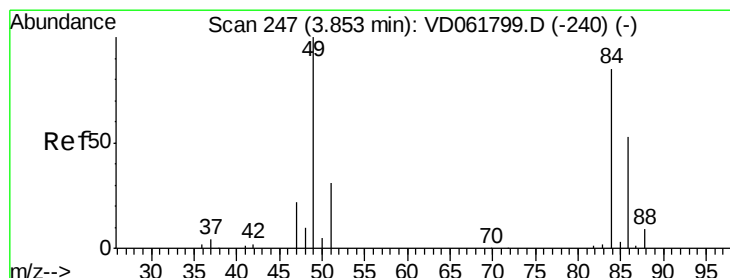
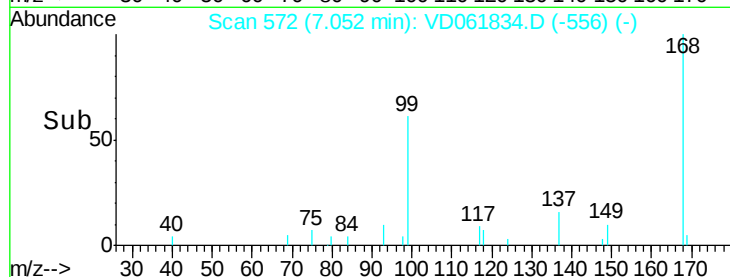
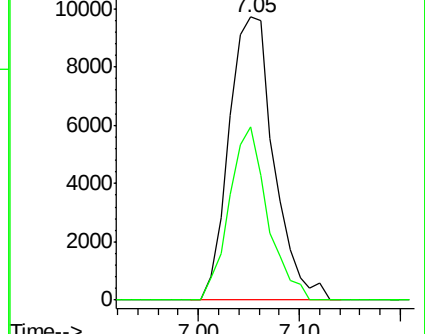
168 100

99 61.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 12.222 ug/l

RT: 3.83 min Scan# 245

Delta R.T. -0.02 min

Lab File: VD061834.D

Acq: 17 Apr 2019 4:40

Tgt Ion: 84 Resp: 4838

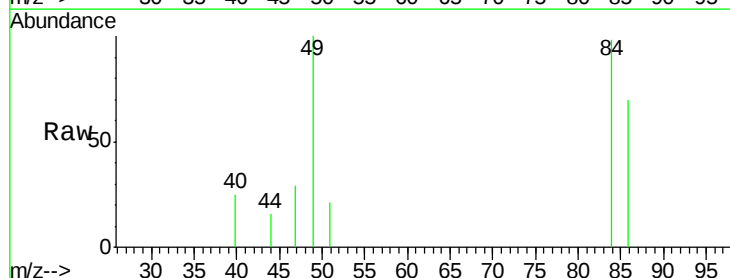
Ion Ratio Lower Upper

84 100

49 102.1 94.0 141.0

51 21.5 29.0 43.4#

86 71.5 49.8 74.6

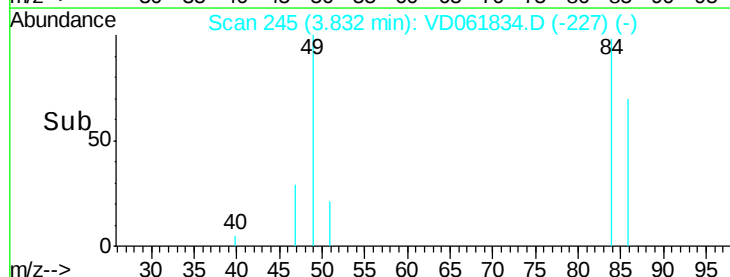
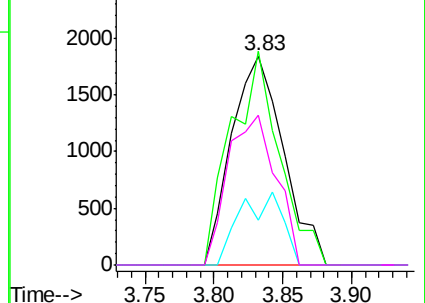


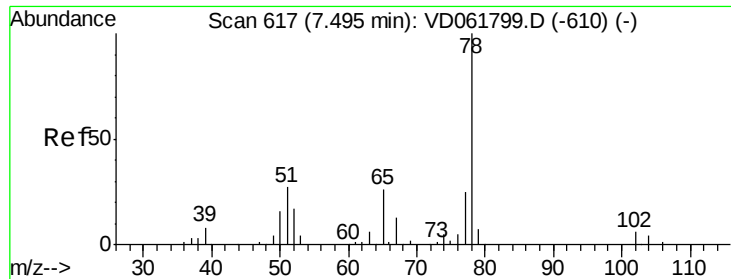
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.04 min

Lab File: VD061834.D

Acq: 17 Apr 2019 4:40

Instrument :

MSVOA_D

ClientSampleId :

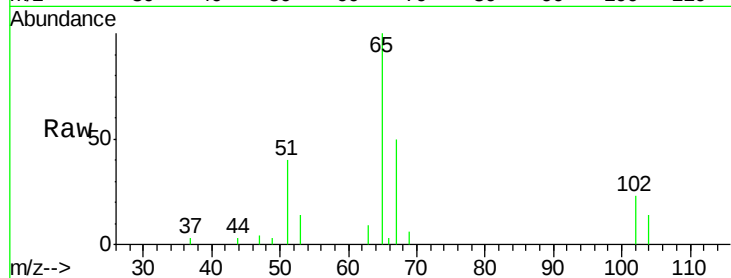
STONE-4

Tot Ion: 65 Resp: 36024

Ion Ratio Lower Upper

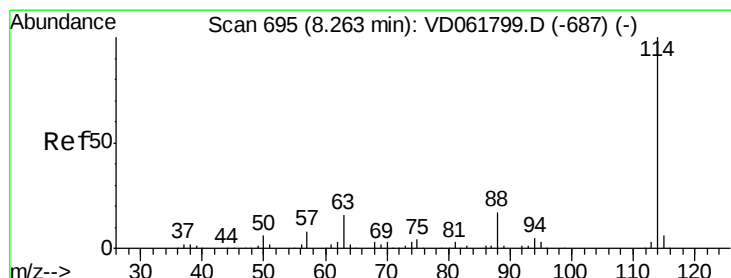
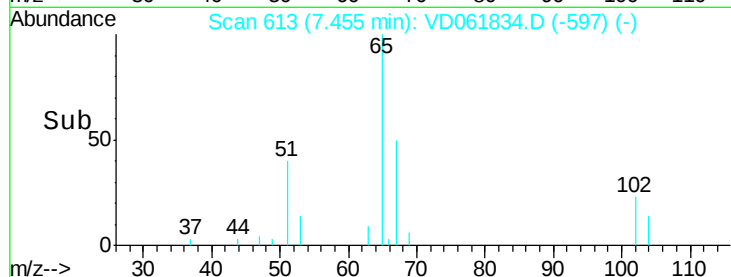
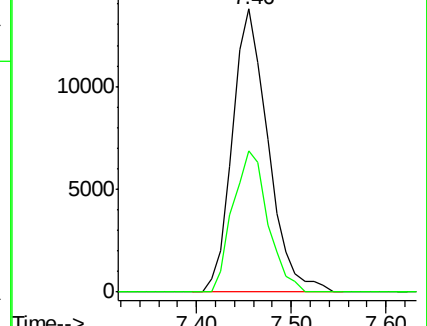
65 100

67 49.7 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: 8.22 min Scan# 691

Delta R.T. -0.04 min

Lab File: VD061834.D

Acq: 17 Apr 2019 4:40

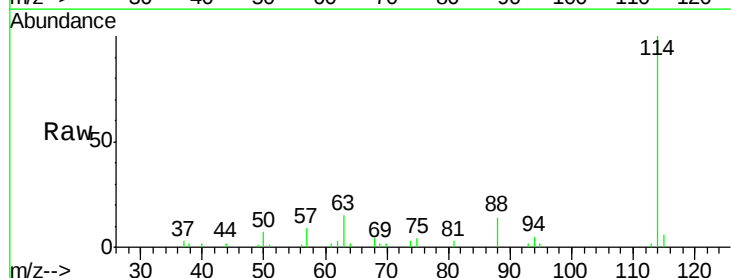
Tgt Ion: 114 Resp: 66510

Ion Ratio Lower Upper

114 100

63 15.4 0.0 32.4

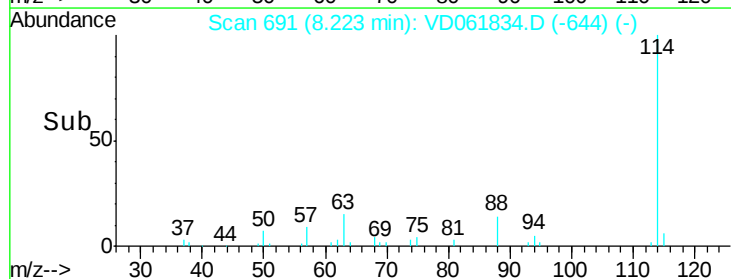
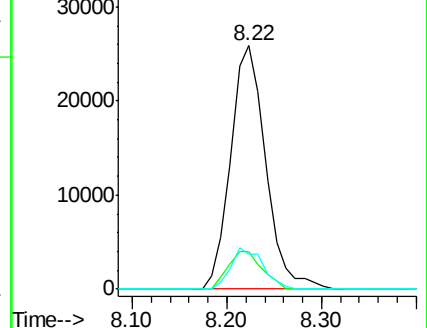
88 14.4 0.0 33.6

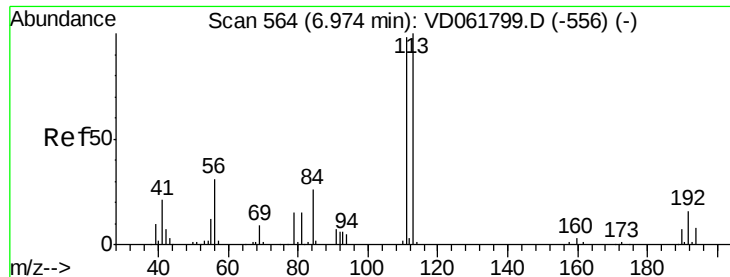


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

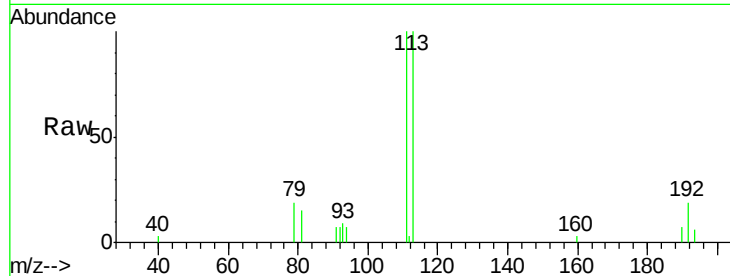




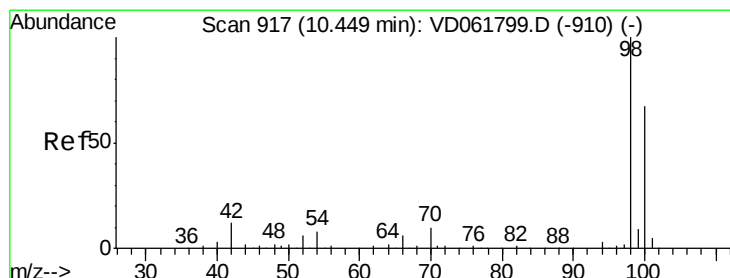
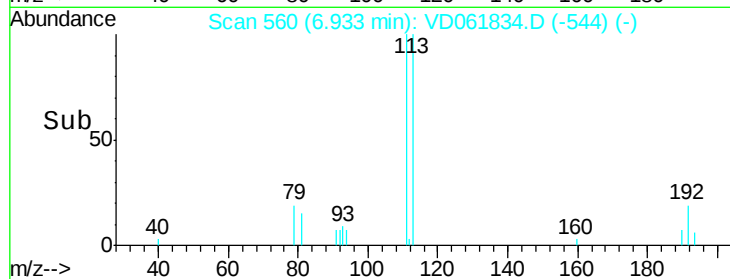
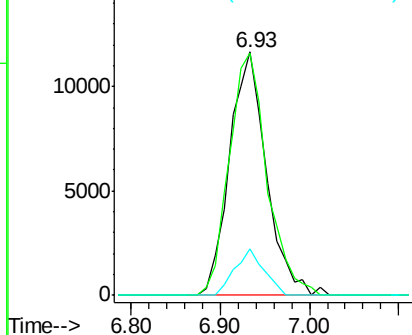
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.93 min Scan# 560
Delta R.T. -0.04 min
Lab File: VD061834.D
Acq: 17 Apr 2019 4:40

Instrument :
MSVOA_D
ClientSampleId :
STONE-4

Tot Ion:113 Resp: 33563
Ion Ratio Lower Upper
113 100
111 99.7 78.5 117.7
192 18.9 13.0 19.4

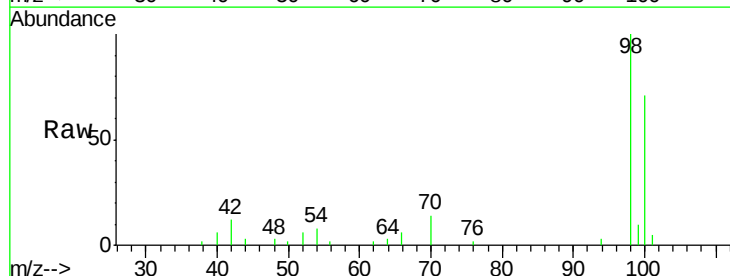


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

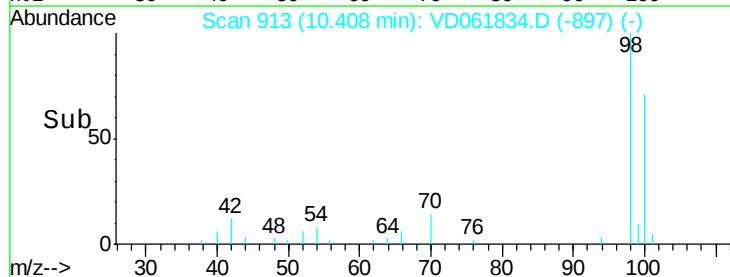
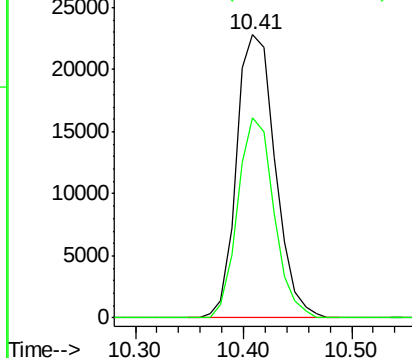


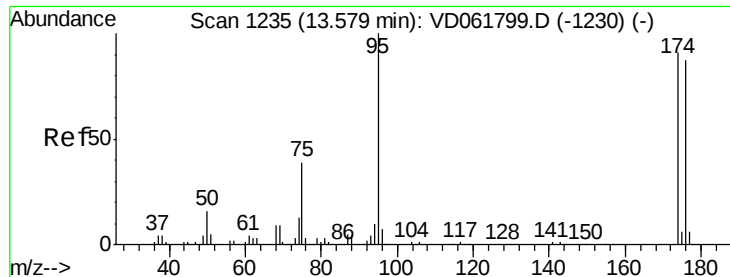
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.04 min
Lab File: VD061834.D
Acq: 17 Apr 2019 4:40

Tgt Ion: 98 Resp: 56846
Ion Ratio Lower Upper
98 100
100 70.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.02 min

Lab File: VD061834.D

Acq: 17 Apr 2019 4:40

Instrument :

MSVOA_D

ClientSampleId :

STONE-4

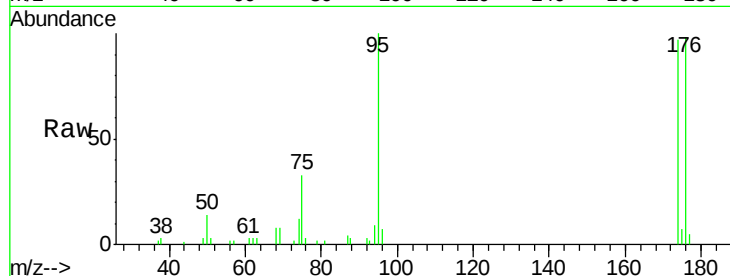
Tot Ion: 95 Resp: 33300

Ion Ratio Lower Upper

95 100

174 97.2 0.0 181.8

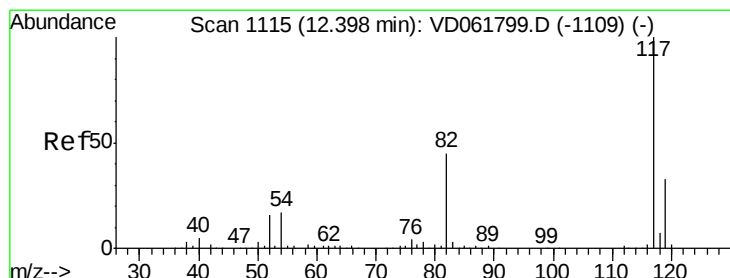
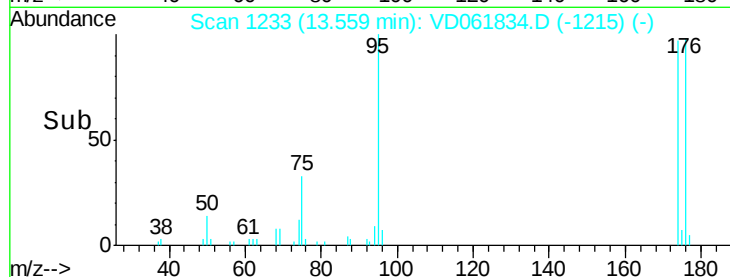
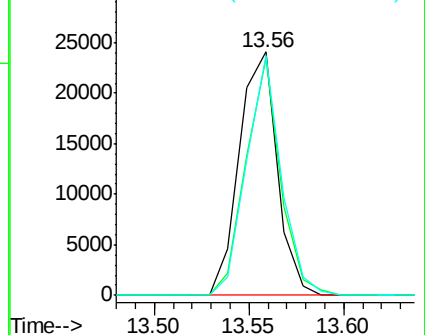
176 98.2 0.0 174.4



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: 12.37 min Scan# 1112

Delta R.T. -0.03 min

Lab File: VD061834.D

Acq: 17 Apr 2019 4:40

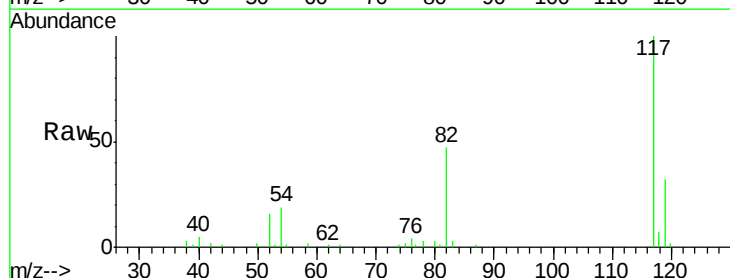
Tgt Ion: 117 Resp: 71557

Ion Ratio Lower Upper

117 100

82 46.5 36.2 54.2

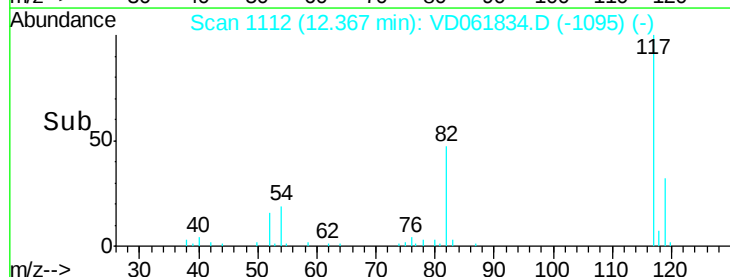
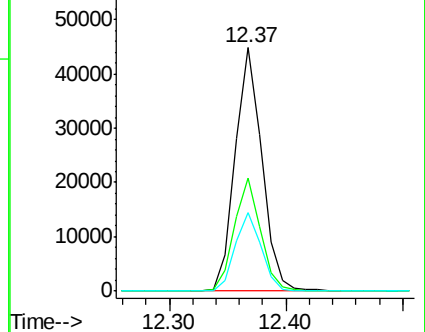
119 32.0 26.2 39.4

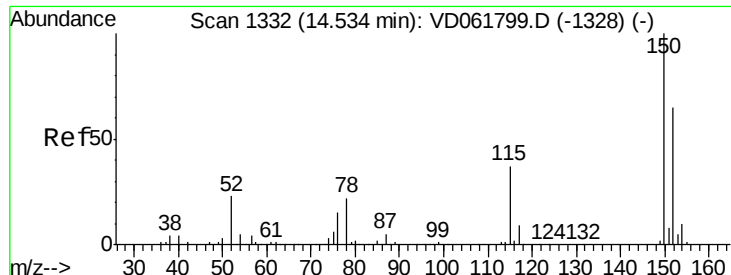


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1330

Delta R.T. -0.02 min

Lab File: VD061834.D

Acq: 17 Apr 2019 4:40

Instrument :

MSVOA_D

ClientSampleId :

STONE-4

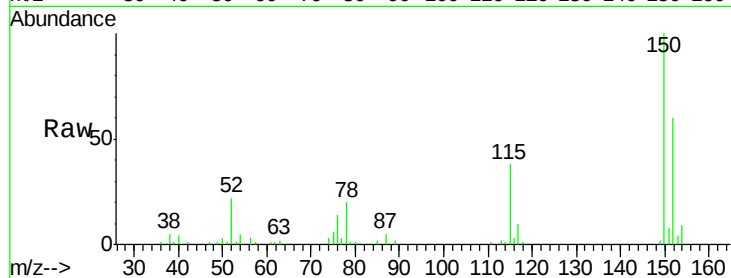
Tot Ion:152 Resp: 39367

Ion Ratio Lower Upper

152 100

115 64.4 30.9 92.7

150 167.8 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

