

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050219\
 Data File : VD062117.D
 Acq On : 2 May 2019 18:05
 Operator : FY/SY
 Sample : K2668-05
 Misc : 5.37g/5mL/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: May 03 08:13:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:52 2019
 Response via : Initial Calibration

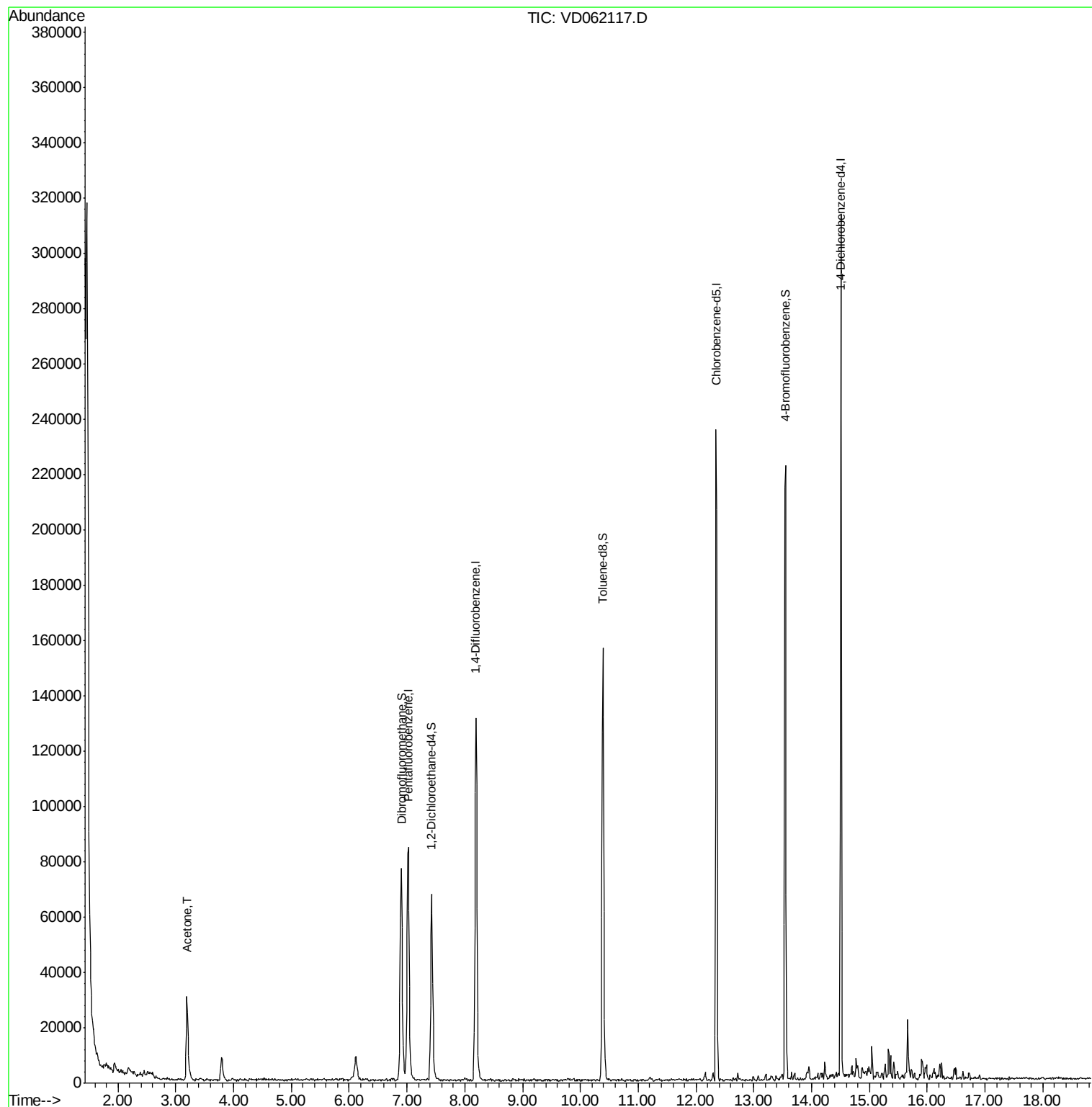
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	86615	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	155516	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	147332	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.50	152	73609	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	65476	96.59	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	193.18%	
35) Dibromofluoromethane	6.90	113	73099	67.96	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	135.92%	
50) Toluene-d8	10.39	98	137941	53.90	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	107.80%	
62) 4-Bromofluorobenzene	13.54	95	74233	72.32	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	144.64%	
Target Compounds						
16) Acetone	3.19	43	52186	322.411	ug/l	Qvalue 98

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

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Quant Title : SW846 8260
QLast Update : Thu May 02 07:55:52 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.03 min

Lab File: VD062117.D

Acq: 2 May 2019 18:05

Instrument :

MSVOA_D

ClientSampleId :

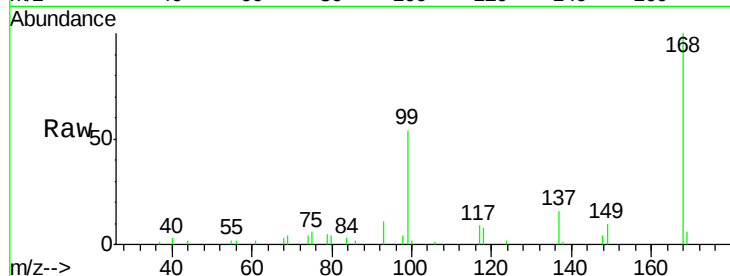
TP-3

Tot Ion:168 Resp: 86615

Ion Ratio Lower Upper

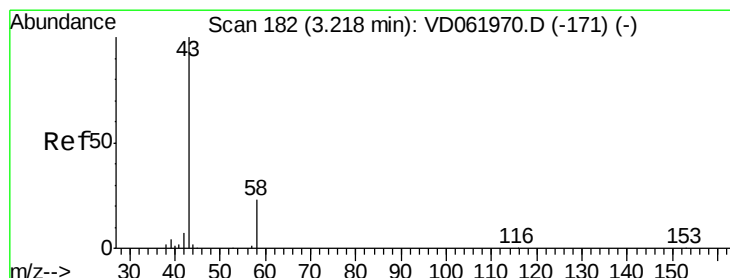
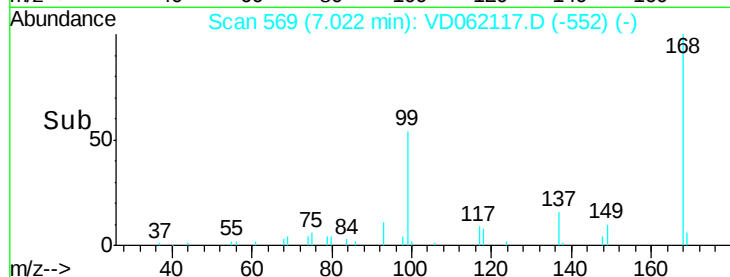
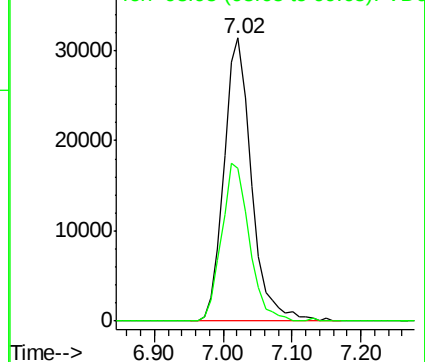
168 100

99 54.2 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: 322.411 ug/l

RT: 3.19 min Scan# 180

Delta R.T. -0.03 min

Lab File: VD062117.D

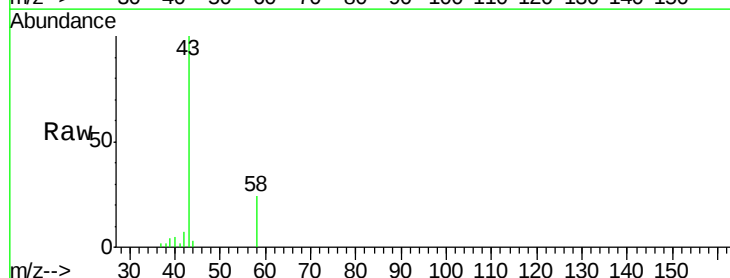
Acq: 2 May 2019 18:05

Tgt Ion: 43 Resp: 52186

Ion Ratio Lower Upper

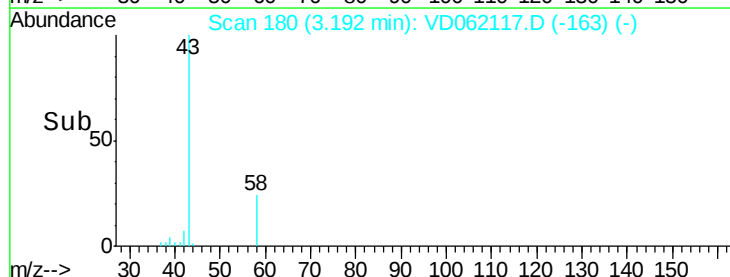
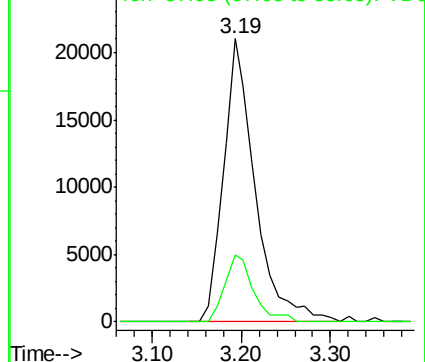
43 100

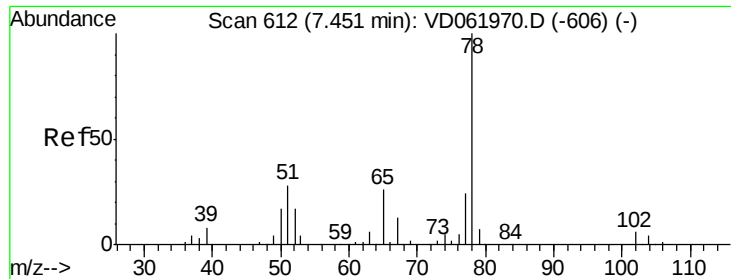
58 23.7 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 96.587 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.03 min

Lab File: VD062117.D

Acq: 2 May 2019 18:05

Instrument :

MSVOA_D

ClientSampled :

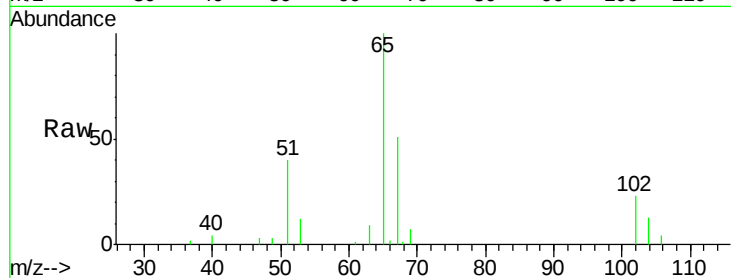
TP-3

Tot Ion: 65 Resp: 65476

Ion Ratio Lower Upper

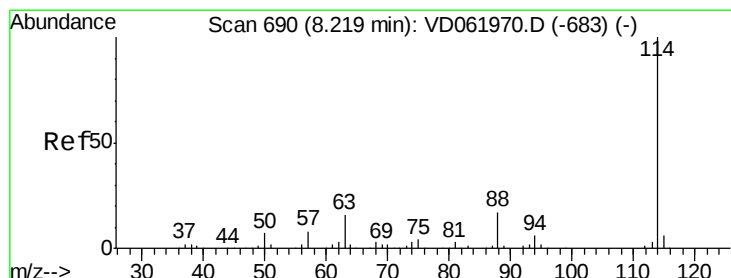
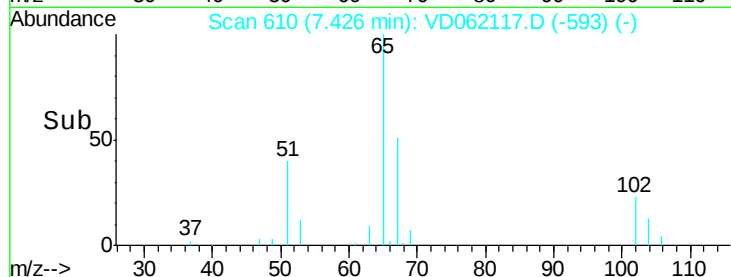
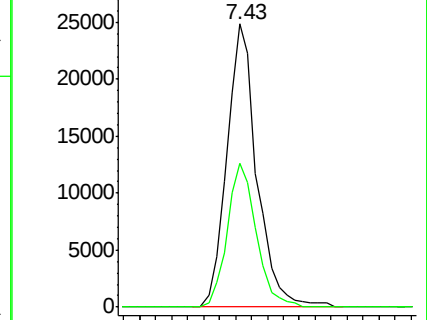
65 100

67 51.1 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: 8.19 min Scan# 688

Delta R.T. -0.03 min

Lab File: VD062117.D

Acq: 2 May 2019 18:05

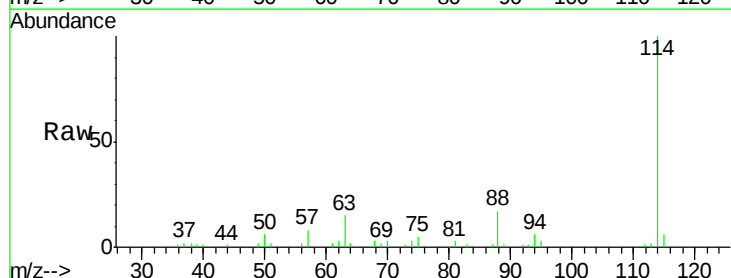
Tgt Ion: 114 Resp: 155516

Ion Ratio Lower Upper

114 100

63 15.4 0.0 32.4

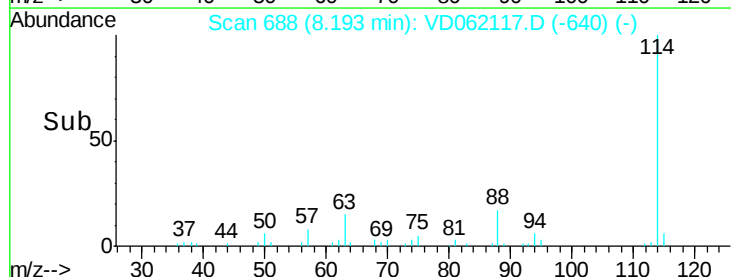
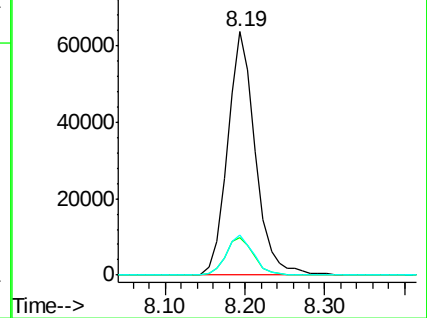
88 16.6 0.0 33.6

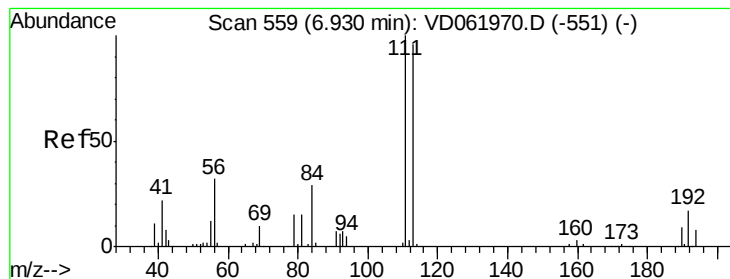


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 67.965 ug/l

RT: 6.90 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD062117.D

Acq: 2 May 2019 18:05

Instrument :

MSVOA_D

ClientSampleId :

TP-3

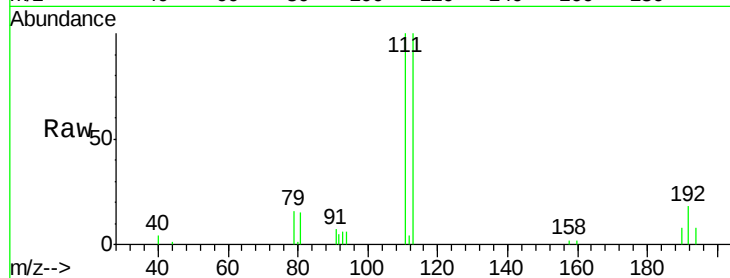
Tot Ion:113 Resp: 73099

Ion Ratio Lower Upper

113 100

111 99.6 78.5 117.7

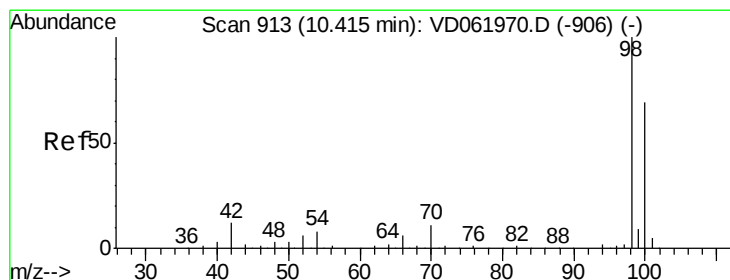
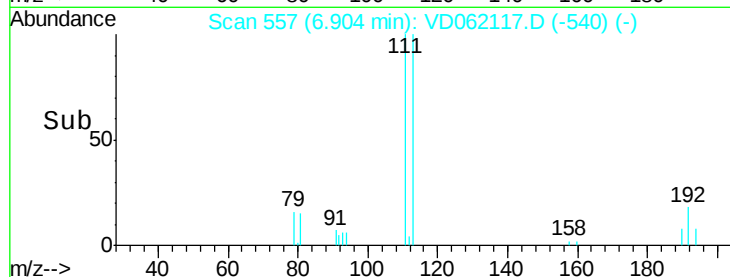
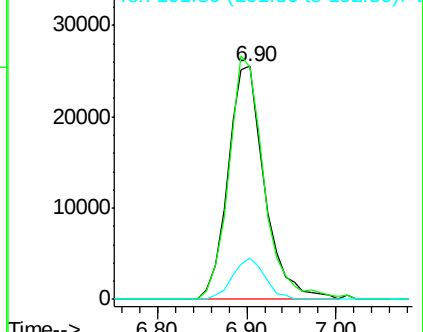
192 17.8 13.0 19.4



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: 53.899 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.03 min

Lab File: VD062117.D

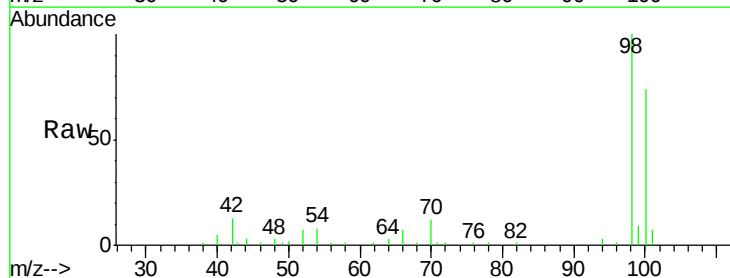
Acq: 2 May 2019 18:05

Tgt Ion: 98 Resp: 137941

Ion Ratio Lower Upper

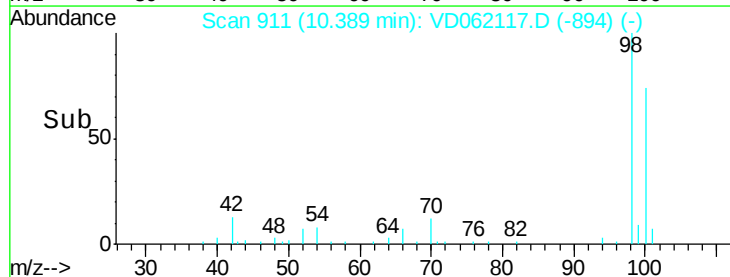
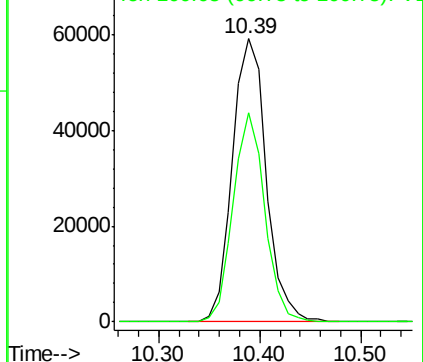
98 100

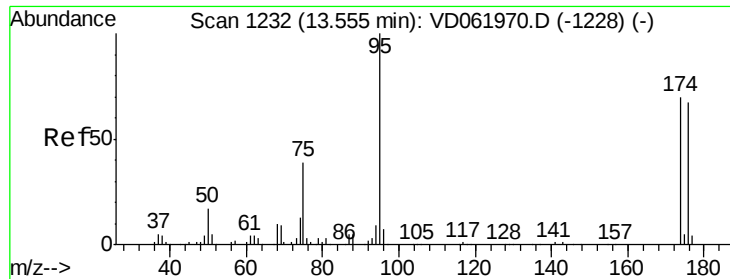
100 74.1 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 72.317 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.02 min

Lab File: VD062117.D

Acq: 2 May 2019 18:05

Instrument :

MSVOA_D

ClientSampleId :

TP-3

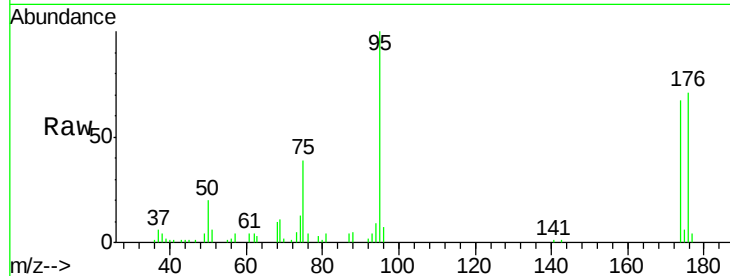
Tot Ion: 95 Resp: 74233

Ion Ratio Lower Upper

95 100

174 66.9 0.0 181.8

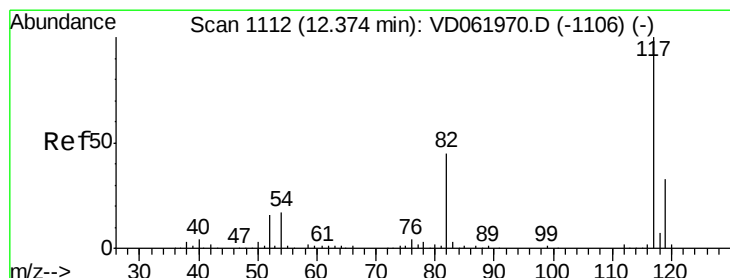
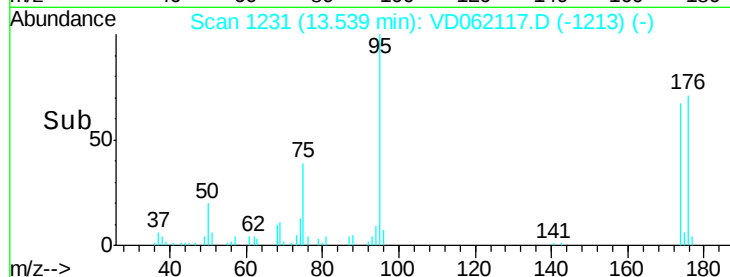
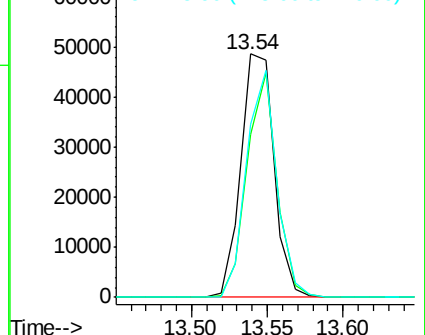
176 71.1 0.0 174.4



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: 12.35 min Scan# 1110

Delta R.T. -0.02 min

Lab File: VD062117.D

Acq: 2 May 2019 18:05

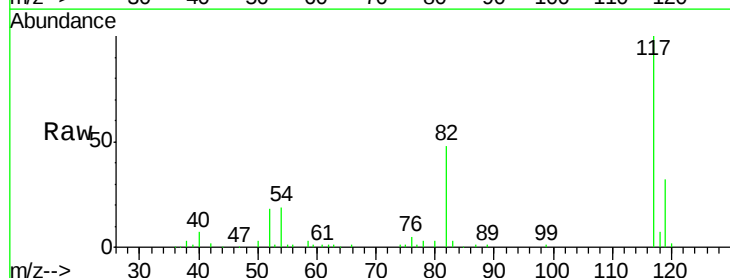
Tgt Ion: 117 Resp: 147332

Ion Ratio Lower Upper

117 100

82 48.1 36.2 54.2

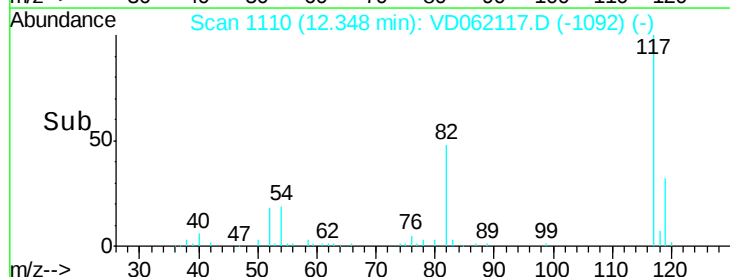
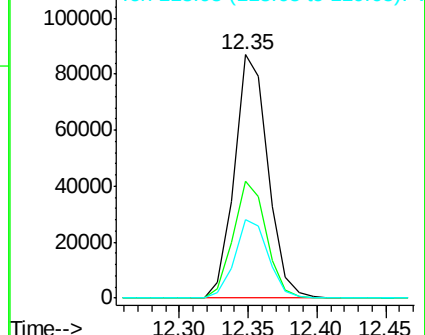
119 32.1 26.2 39.4

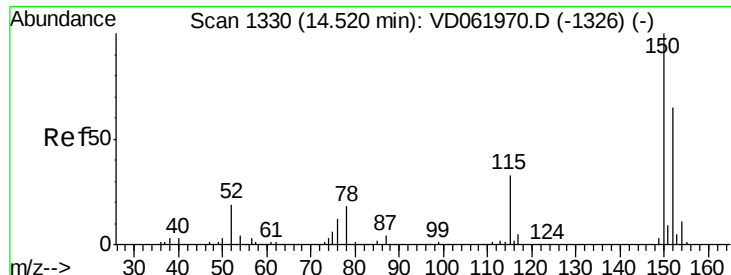


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.50 min Scan# 1329

Delta R.T. -0.02 min

Lab File: VD062117.D

Acq: 2 May 2019 18:05

Instrument :

MSVOA_D

ClientSampleId :

TP-3

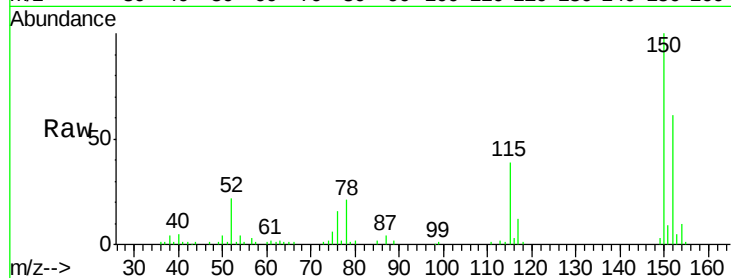
Tot Ion:152 Resp: 73609

Ion Ratio Lower Upper

152 100

115 63.0 30.9 92.7

150 163.0 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

