

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD062026.D
 Acq On : 25 Apr 2019 7:43
 Operator : VA/AP
 Sample : K2518-02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MUDDY-BAGS

Quant Time: Apr 25 11:39:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	90361	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.24	114	172058	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	108630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	45906	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	61000	86.25	ug/l	0.01
Spiked Amount			Recovery	=	172.50%	
35) Dibromofluoromethane	6.95	113	59677	50.15	ug/l	0.01
Spiked Amount			Recovery	=	100.30%	
50) Toluene-d8	10.42	98	93660	33.08	ug/l	0.00
Spiked Amount			Recovery	=	66.16%	
62) 4-Bromofluorobenzene	13.56	95	48133	42.38	ug/l	0.00
Spiked Amount			Recovery	=	84.76%	

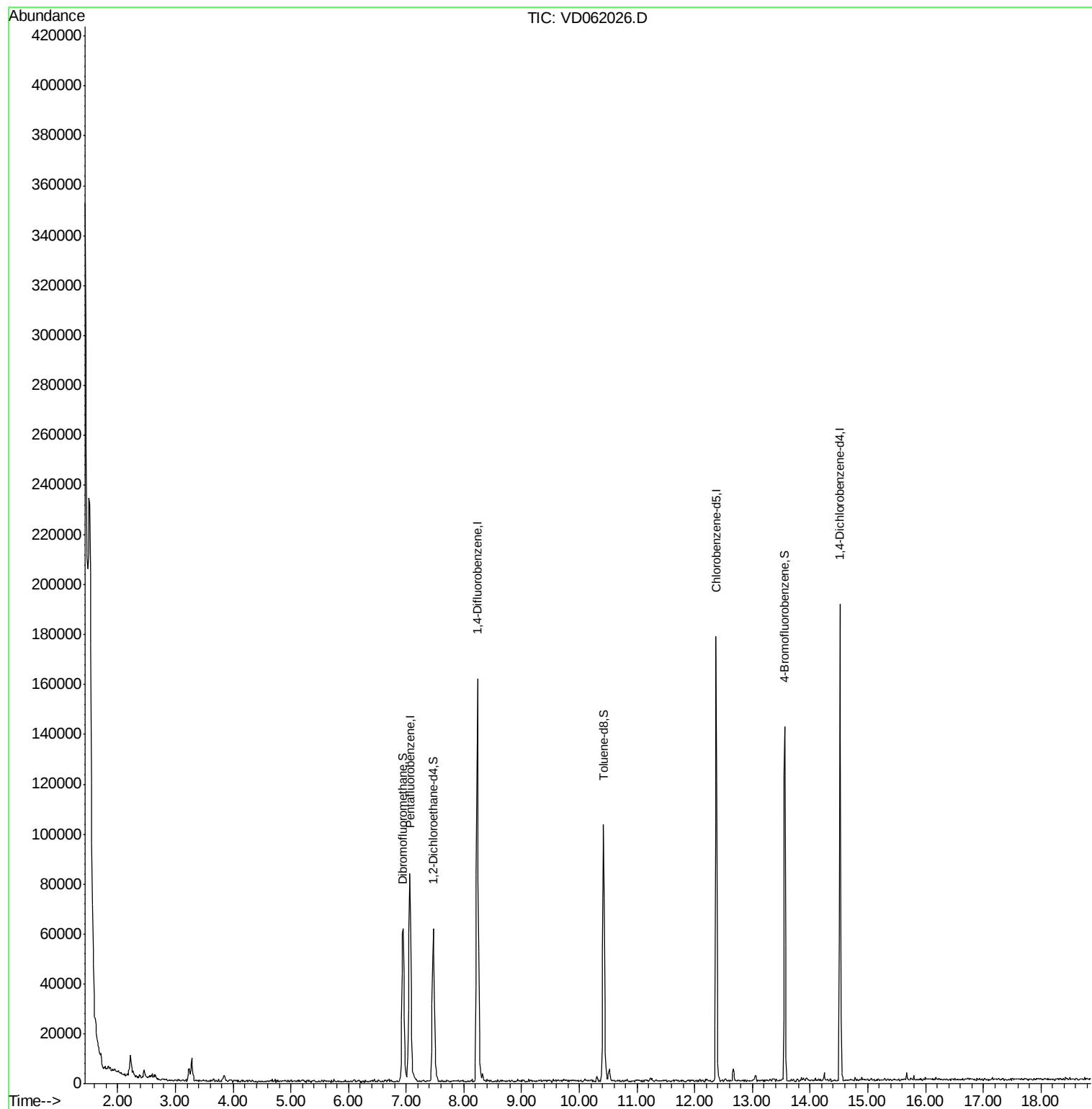
Target Compounds	Qvalue
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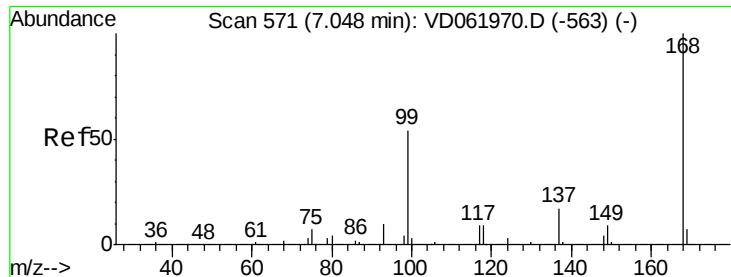
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.01 min

Lab File: VD062026.D

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Instrument :

MSVOA_D

ClientSampleId :

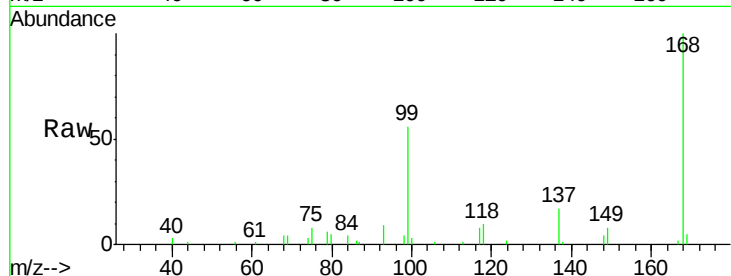
MUDDY-BAGS

Tot Ion:168 Resp: 90361

Ion Ratio Lower Upper

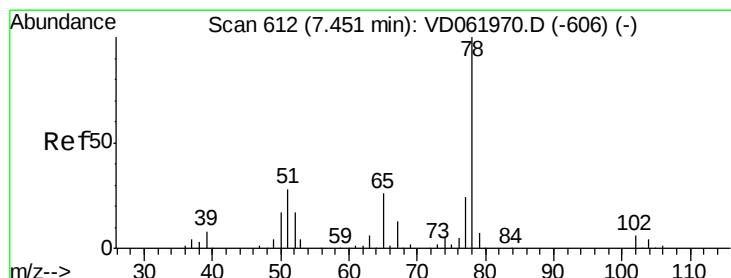
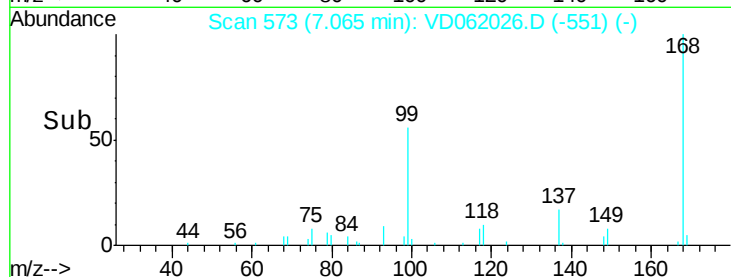
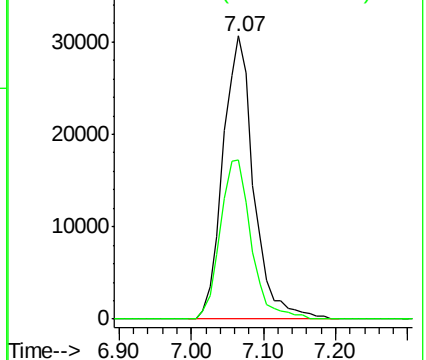
168 100

99 56.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 86.254 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD062026.D

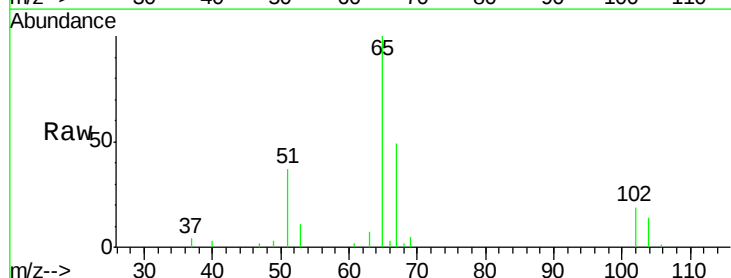
Acq: 25 Apr 2019 7:43

Tgt Ion: 65 Resp: 61000

Ion Ratio Lower Upper

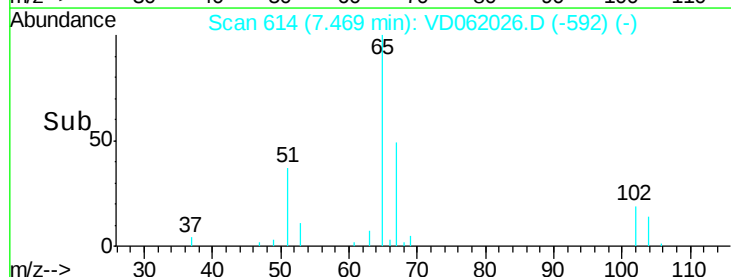
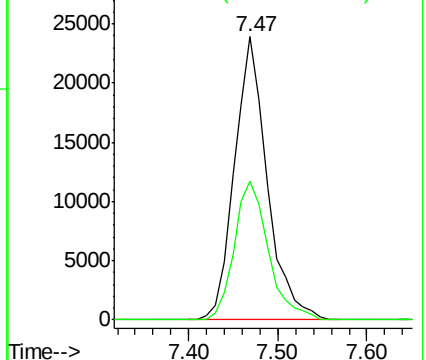
65 100

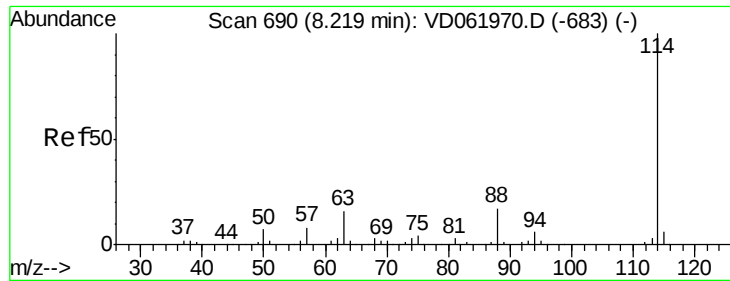
67 48.9 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

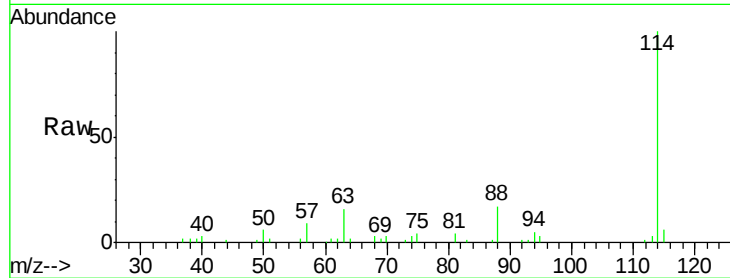




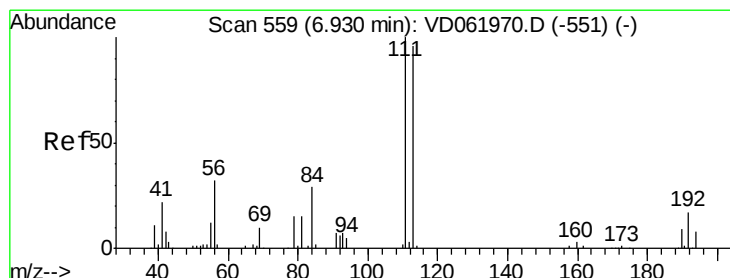
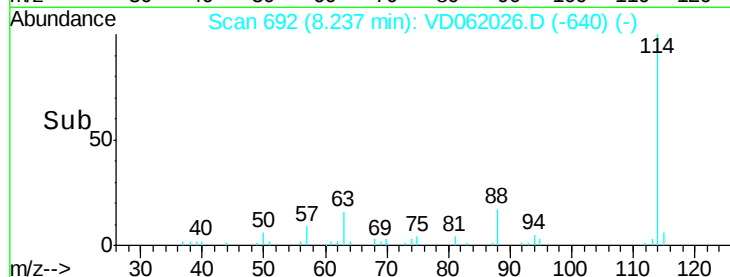
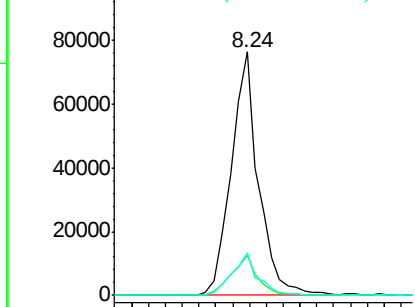
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: VD062026.D
 Acq: 25 Apr 2019 7:43

Instrument :
 MSVOA_D
 ClientSampleId :
 MUDDY-BAGS

Tot Ion:114 Resp: 172058
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 32.4
 88 17.3 0.0 33.6

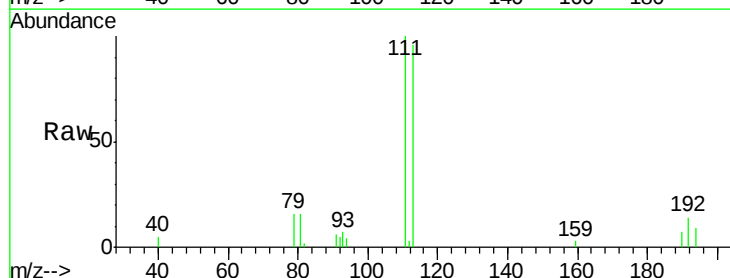


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

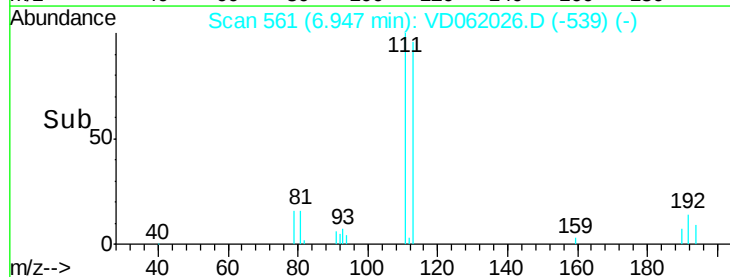
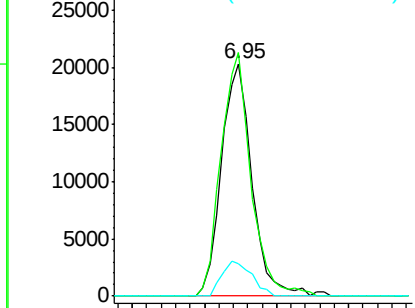


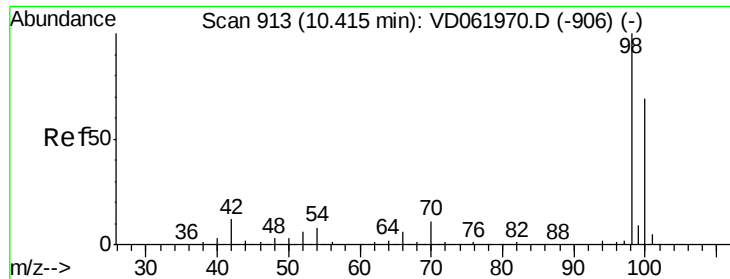
#35
 Dibromofluoromethane
 Concen: 50.151 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: VD062026.D
 Acq: 25 Apr 2019 7:43

Tgt Ion:113 Resp: 59677
 Ion Ratio Lower Upper
 113 100
 111 104.7 78.5 117.7
 192 14.2 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: 33.078 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.00 min

Lab File: VD062026.D

Acq: 25 Apr 2019 7:43

Instrument :

MSVOA_D

ClientSampleId :

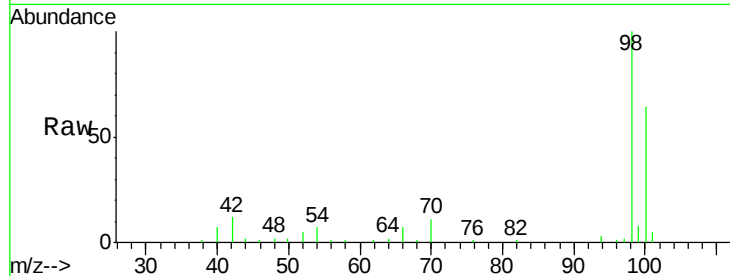
MUDDY-BAGS

Tot Ion: 98 Resp: 93660

Ion Ratio Lower Upper

98 100

100 64.3 53.8 80.8

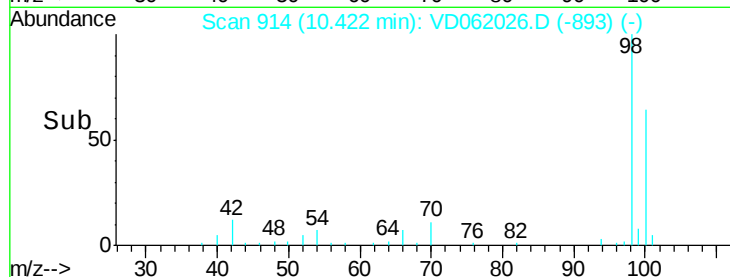


Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

10.42

Time-->



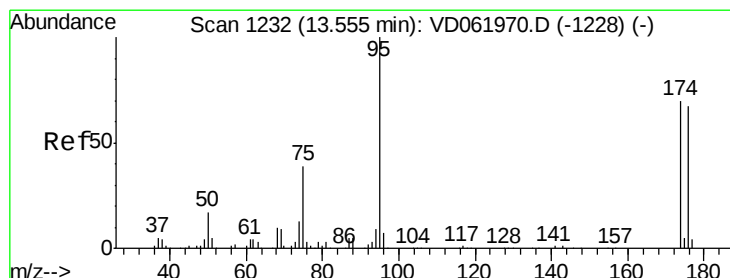
Abundance

Ion 98.05 (97.75 to 98.75): VD062026.D (-893) (-)

Ion 100.05 (99.75 to 100.75): VD062026.D (-893) (-)

10.42

Time-->



#62

4-Bromofluorobenzene

Concen: 42.382 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD062026.D

Acq: 25 Apr 2019 7:43

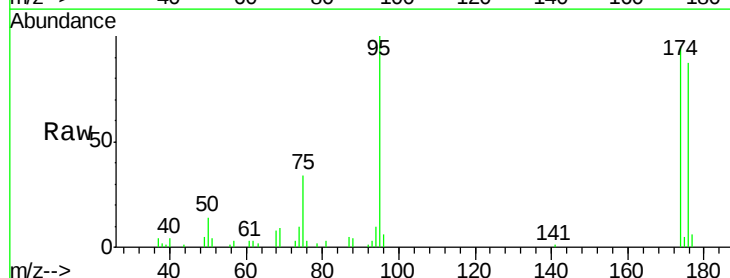
Tgt Ion: 95 Resp: 48133

Ion Ratio Lower Upper

95 100

174 95.0 0.0 181.8

176 87.5 0.0 174.4



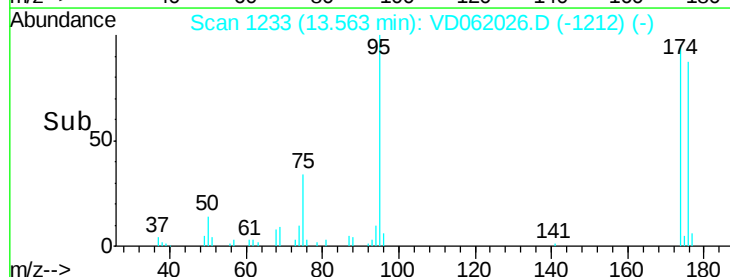
Abundance Ion 95.00 (94.70 to 95.70): VD061970.D (-1228) (-)

Ion 173.90 (173.60 to 174.60): VD061970.D (-1228) (-)

Ion 175.90 (175.60 to 176.60): VD061970.D (-1228) (-)

13.56

Time-->



Abundance

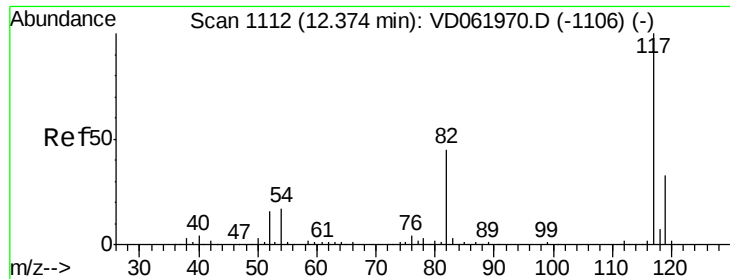
Ion 95.00 (94.70 to 95.70): VD062026.D (-1212) (-)

Ion 173.90 (173.60 to 174.60): VD062026.D (-1212) (-)

Ion 175.90 (175.60 to 176.60): VD062026.D (-1212) (-)

13.56

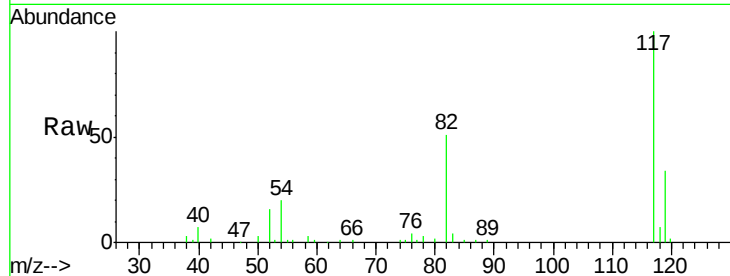
Time-->



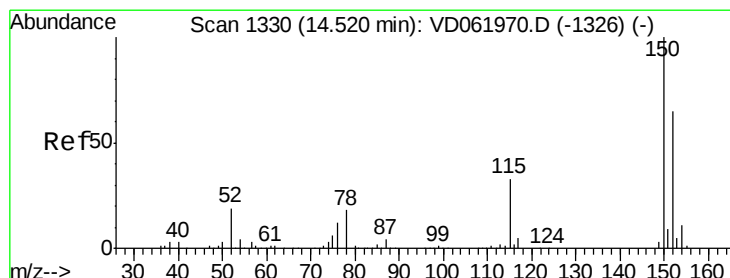
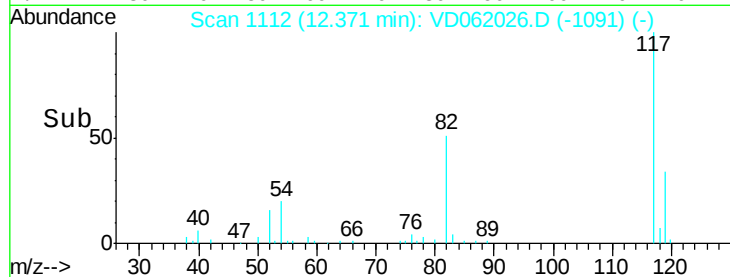
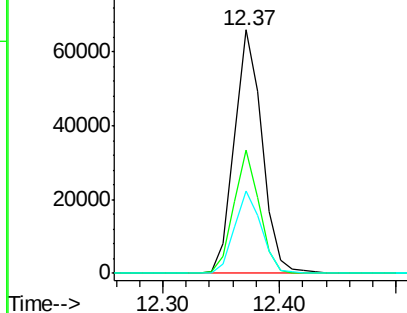
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: VD062026.D
 Acq: 25 Apr 2019 7:43

Instrument :
 MSVOA_D
 ClientSampleId :
 MUDDY-BAGS

Tot Ion:117 Resp: 108630
 Ion Ratio Lower Upper
 117 100
 82 50.8 36.2 54.2
 119 33.6 26.2 39.4

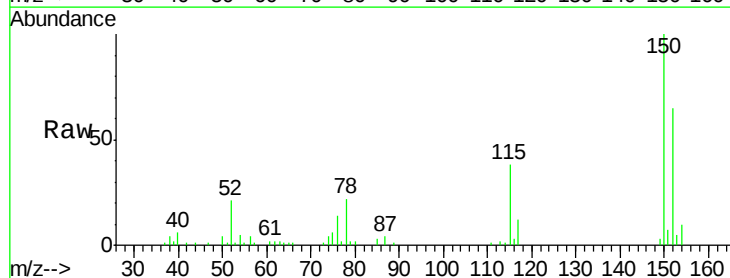


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD062026.D
 Acq: 25 Apr 2019 7:43

Tgt Ion:152 Resp: 45906
 Ion Ratio Lower Upper
 152 100
 115 58.0 30.9 92.7
 150 154.7 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

