

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051019\
 Data File : VD062216.D
 Acq On : 10 May 2019 15:31
 Operator : FY/SY
 Sample : K2717-03RE
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-0612-01RE

Quant Time: May 11 00:05:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

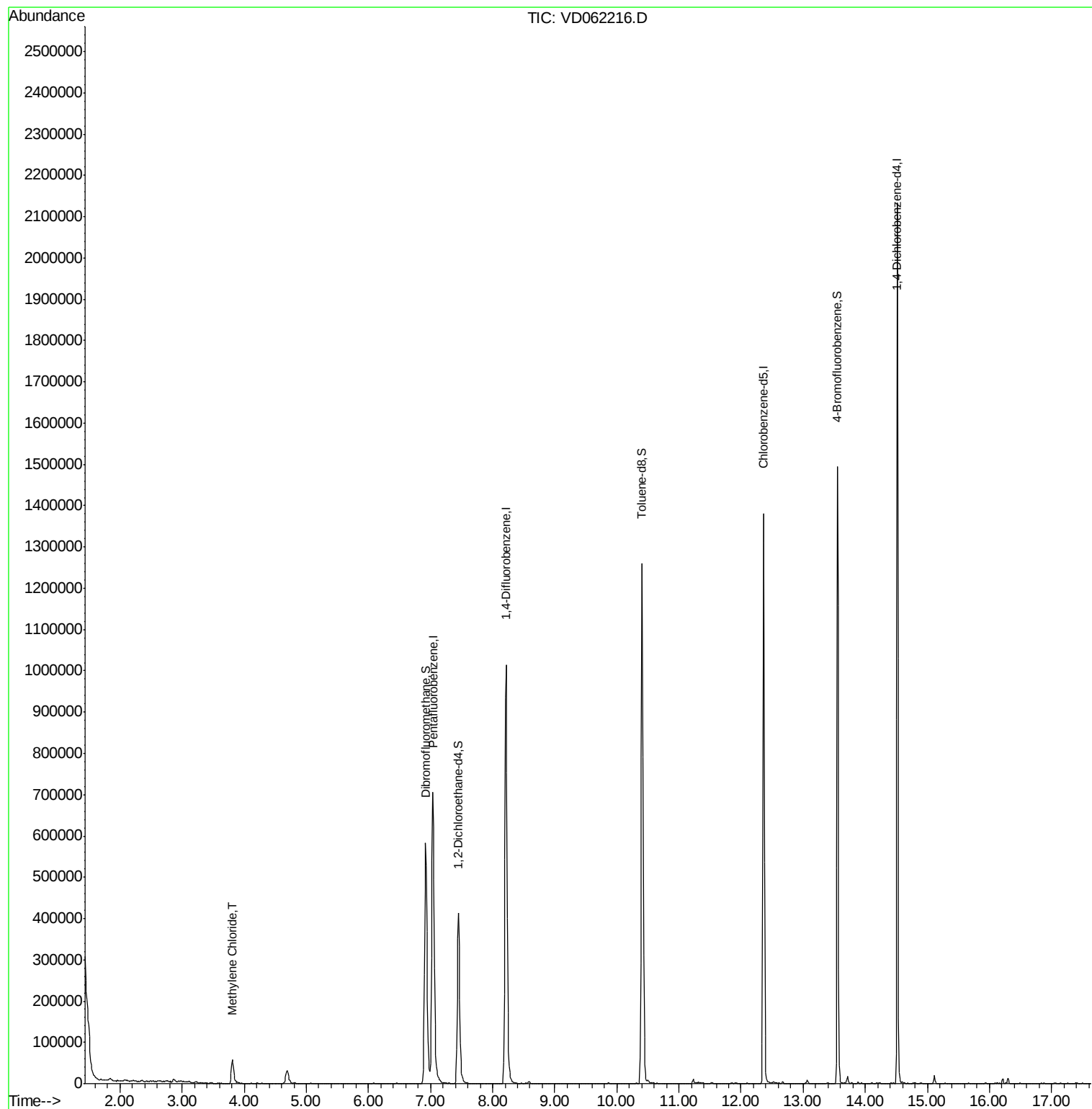
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	701085	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	1109941	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	819187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	441311	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	453922	69.67	ug/l	0.03
Spiked Amount 50.000			Recovery	=	139.34%	
35) Dibromofluoromethane	6.92	113	519151	56.37	ug/l	0.03
Spiked Amount 50.000			Recovery	=	112.74%	
50) Toluene-d8	10.41	98	1094484	49.29	ug/l	0.02
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	13.55	95	427703	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
Target Compounds						
20) Methylene Chloride	3.81	84	40448	7.090	ug/l	Qvalue 92

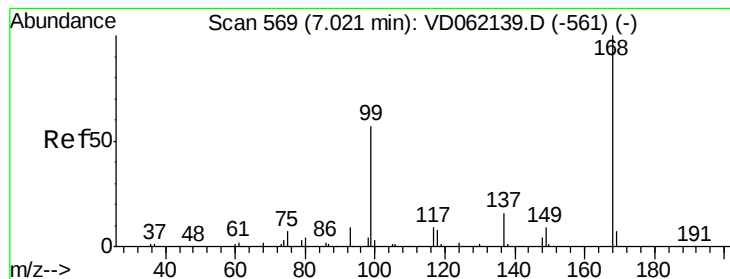
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 14:26:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD062216.D

Acq: 10 May 2019 15:31

Instrument :

MSVOA_D

ClientSampleId :

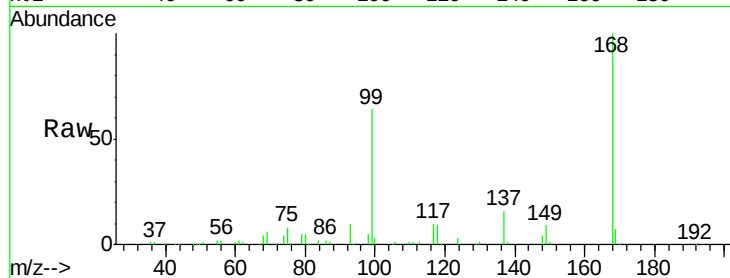
P026-SS001-0612-01RE

Tot Ion:168 Resp: 701085

Ion Ratio Lower Upper

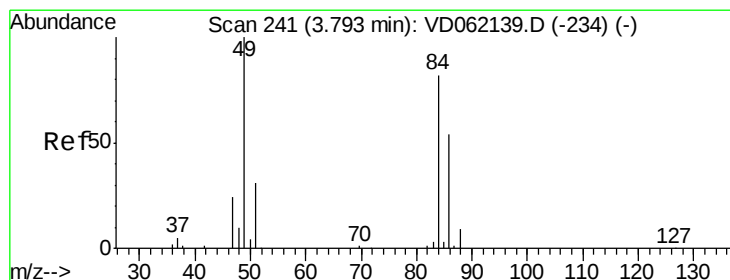
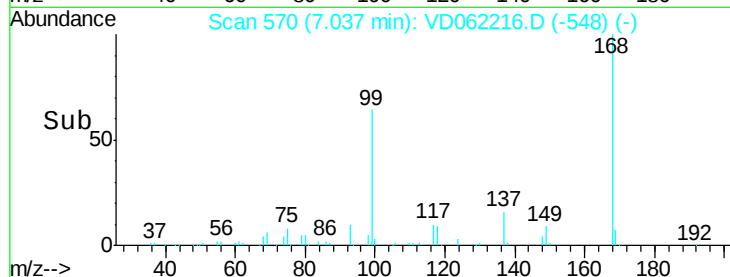
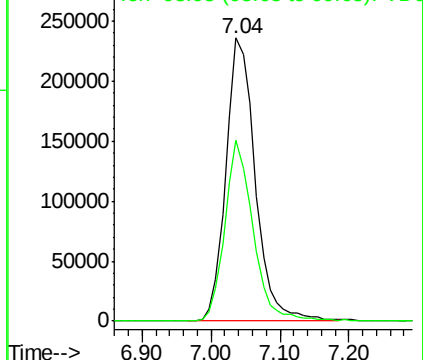
168 100

99 64.0 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: 7.090 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.02 min

Lab File: VD062216.D

Acq: 10 May 2019 15:31

Tgt Ion: 84 Resp: 40448

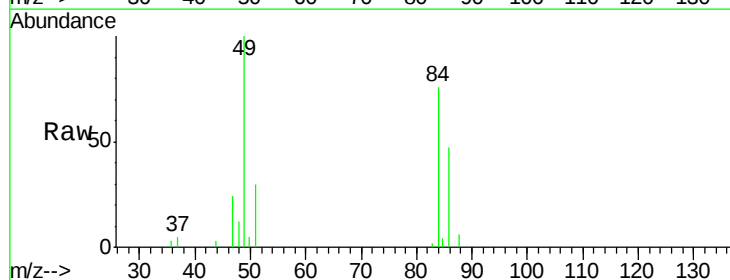
Ion Ratio Lower Upper

84 100

49 131.5 94.0 141.0

51 40.1 29.0 43.4

86 61.2 49.8 74.6

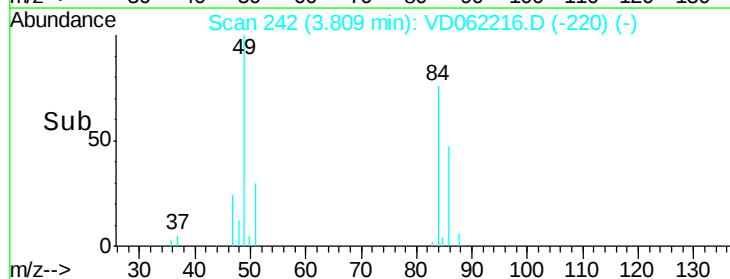
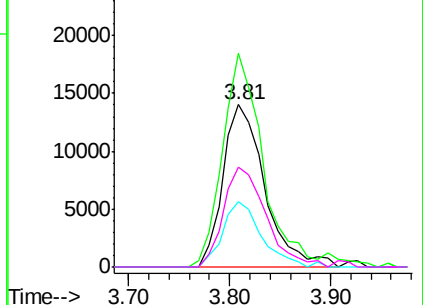


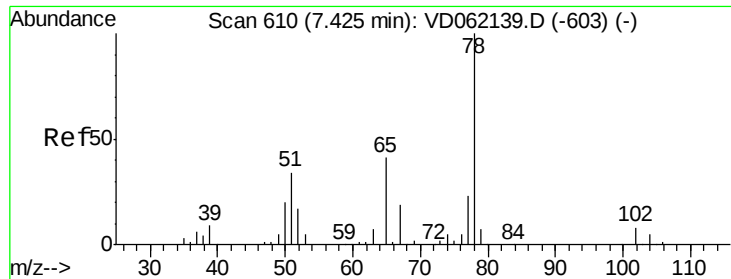
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#33

1,2-Dichloroethane-d4

Concen: 69.670 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.03 min

Lab File: VD062216.D

Acq: 10 May 2019 15:31

Instrument :

MSVOA_D

ClientSampleId :

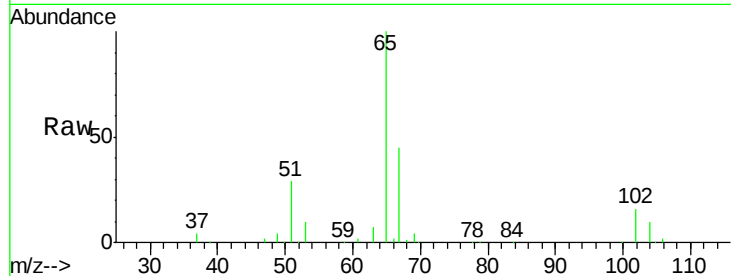
P026-SS001-0612-01RE

Tot Ion: 65 Resp: 453922

Ion Ratio Lower Upper

65 100

67 44.8 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

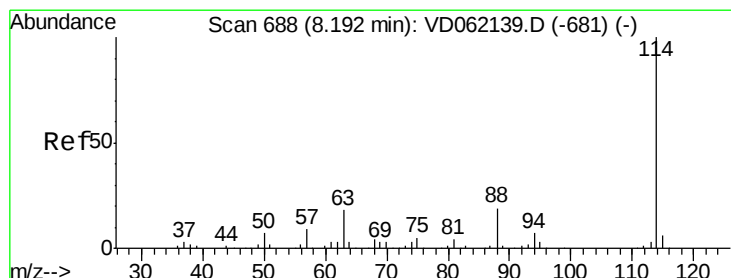
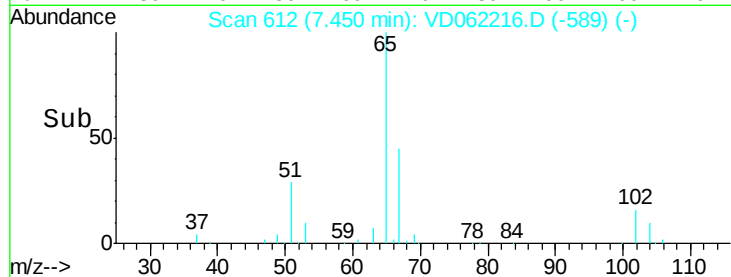
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.03 min

Lab File: VD062216.D

Acq: 10 May 2019 15:31

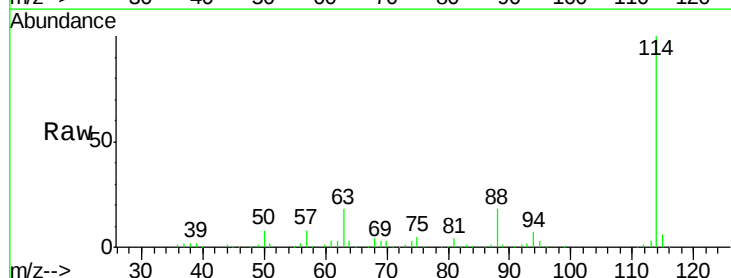
Tgt Ion: 114 Resp: 1109941

Ion Ratio Lower Upper

114 100

63 18.0 0.0 32.4

88 17.6 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

8.22

600000

500000

400000

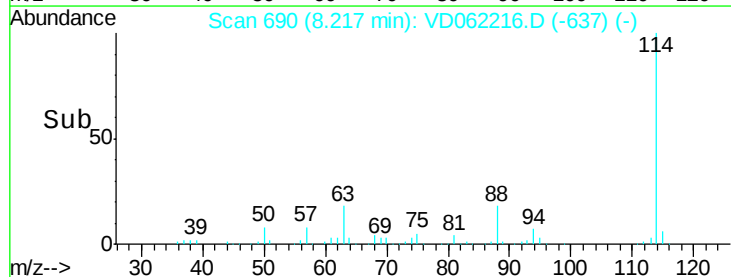
300000

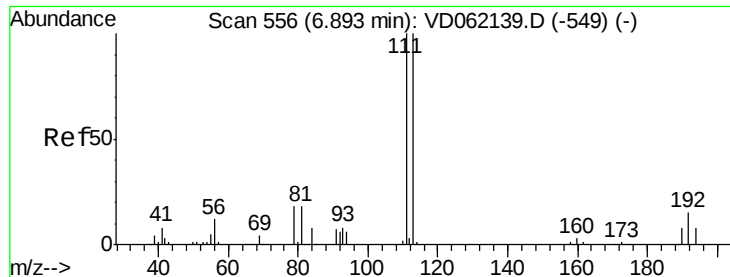
200000

100000

0

Time--> 8.00 8.20 8.40





#35

Dibromofluoromethane

Concen: 56.372 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.03 min

Lab File: VD062216.D

Acq: 10 May 2019 15:31

Instrument :

MSVOA_D

ClientSampleId :

P026-SS001-0612-01RE

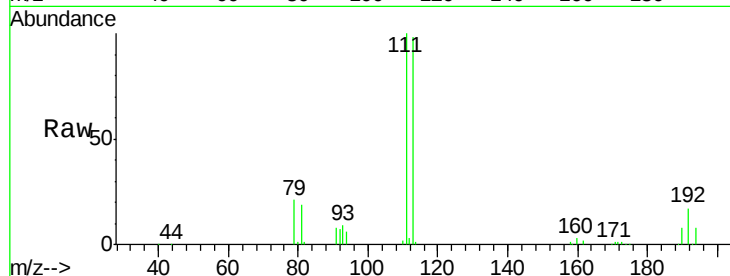
Tot Ion:113 Resp: 519151

Ion Ratio Lower Upper

113 100

111 101.5 78.5 117.7

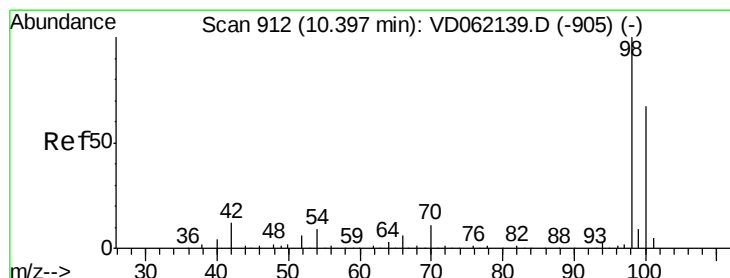
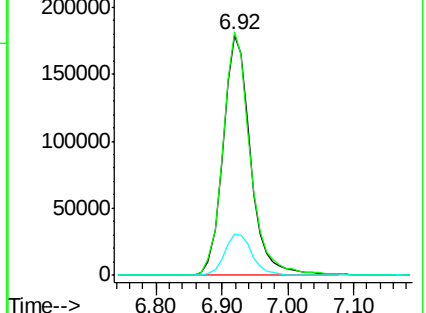
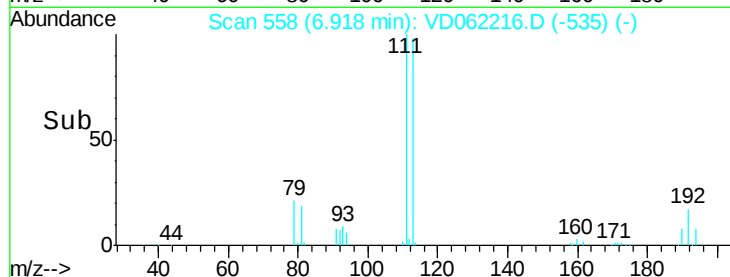
192 17.5 13.0 19.4



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: 49.292 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.02 min

Lab File: VD062216.D

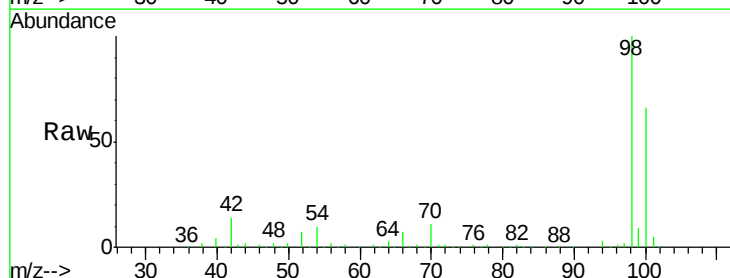
Acq: 10 May 2019 15:31

Tgt Ion: 98 Resp: 1094484

Ion Ratio Lower Upper

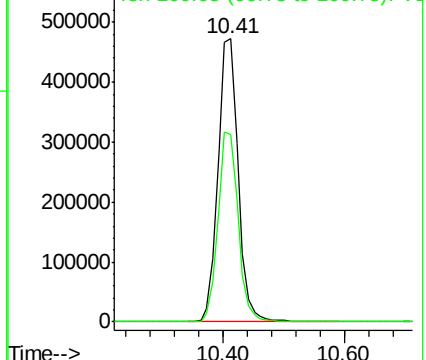
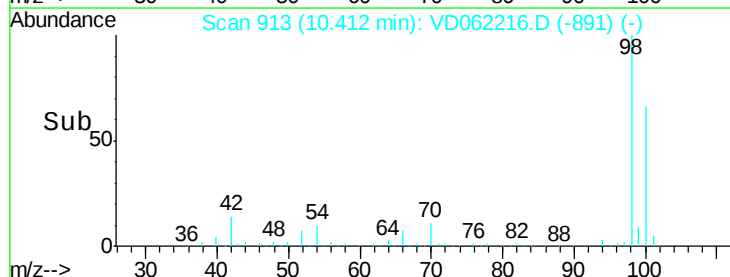
98 100

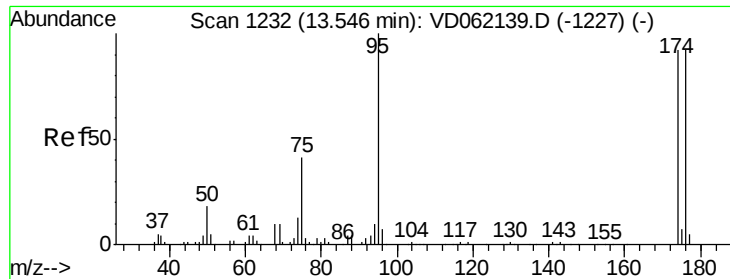
100 66.1 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

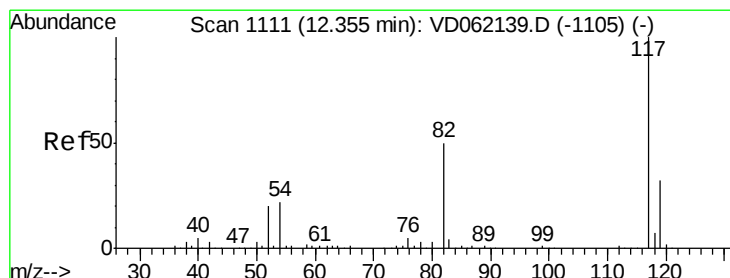
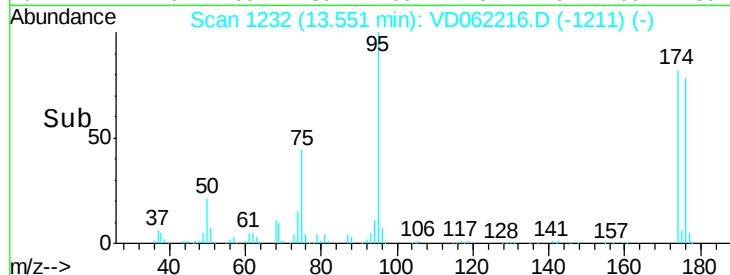
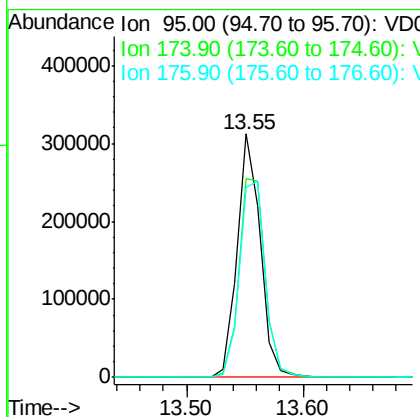
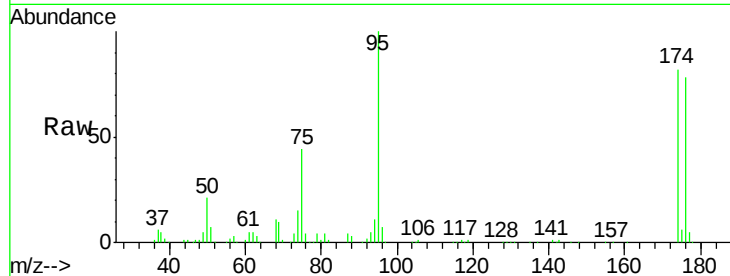




#62
4-Bromofluorobenzene
Concen: 47.968 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD062216.D
Acq: 10 May 2019 15:31

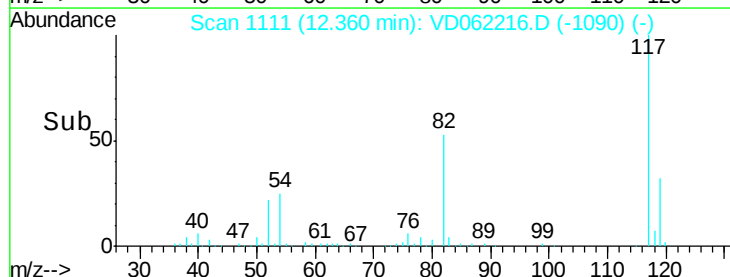
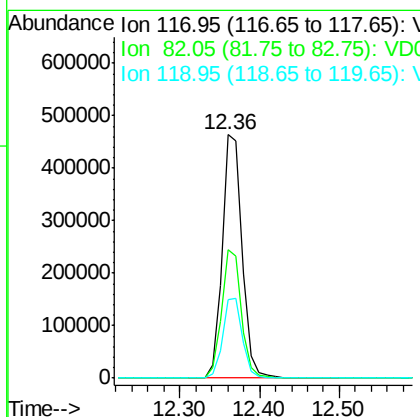
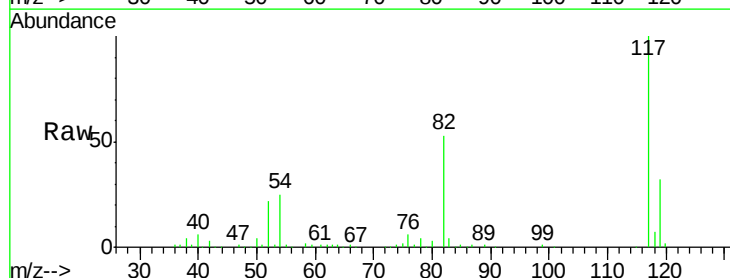
Instrument :
MSVOA_D
ClientSampleId :
P026-SS001-0612-01RE

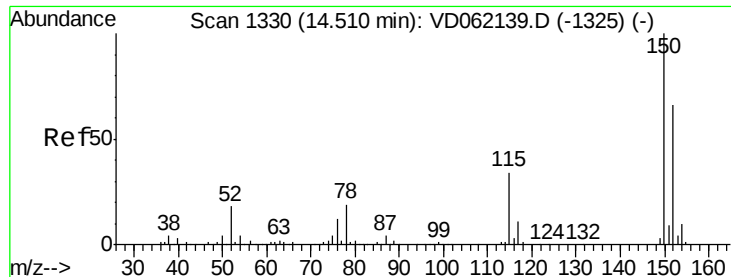
Tot Ion: 95 Resp: 427703
Ion Ratio Lower Upper
95 100
174 81.6 0.0 181.8
176 77.8 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD062216.D
Acq: 10 May 2019 15:31

Tgt Ion: 117 Resp: 819187
Ion Ratio Lower Upper
117 100
82 53.0 36.2 54.2
119 32.5 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD062216.D

Acq: 10 May 2019 15:31

Instrument :

MSVOA_D

ClientSampleId :

P026-SS001-0612-01RE

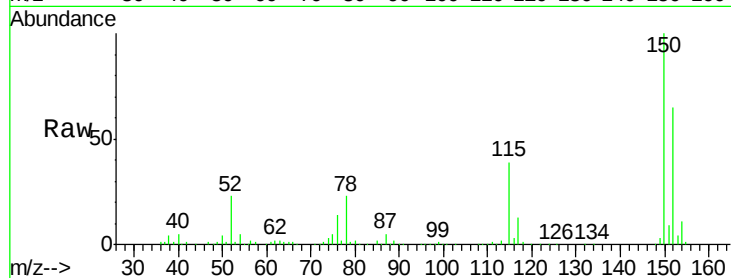
Tot Ion:152 Resp: 441311

Ion Ratio Lower Upper

152 100

115 59.5 30.9 92.7

150 154.2 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

