

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061719\
 Data File : VD062725.D
 Acq On : 17 Jun 2019 14:34
 Operator : VA/AP
 Sample : K3154-01
 Misc : 6.66g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-061419-A

Quant Time: Jun 18 06:42:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

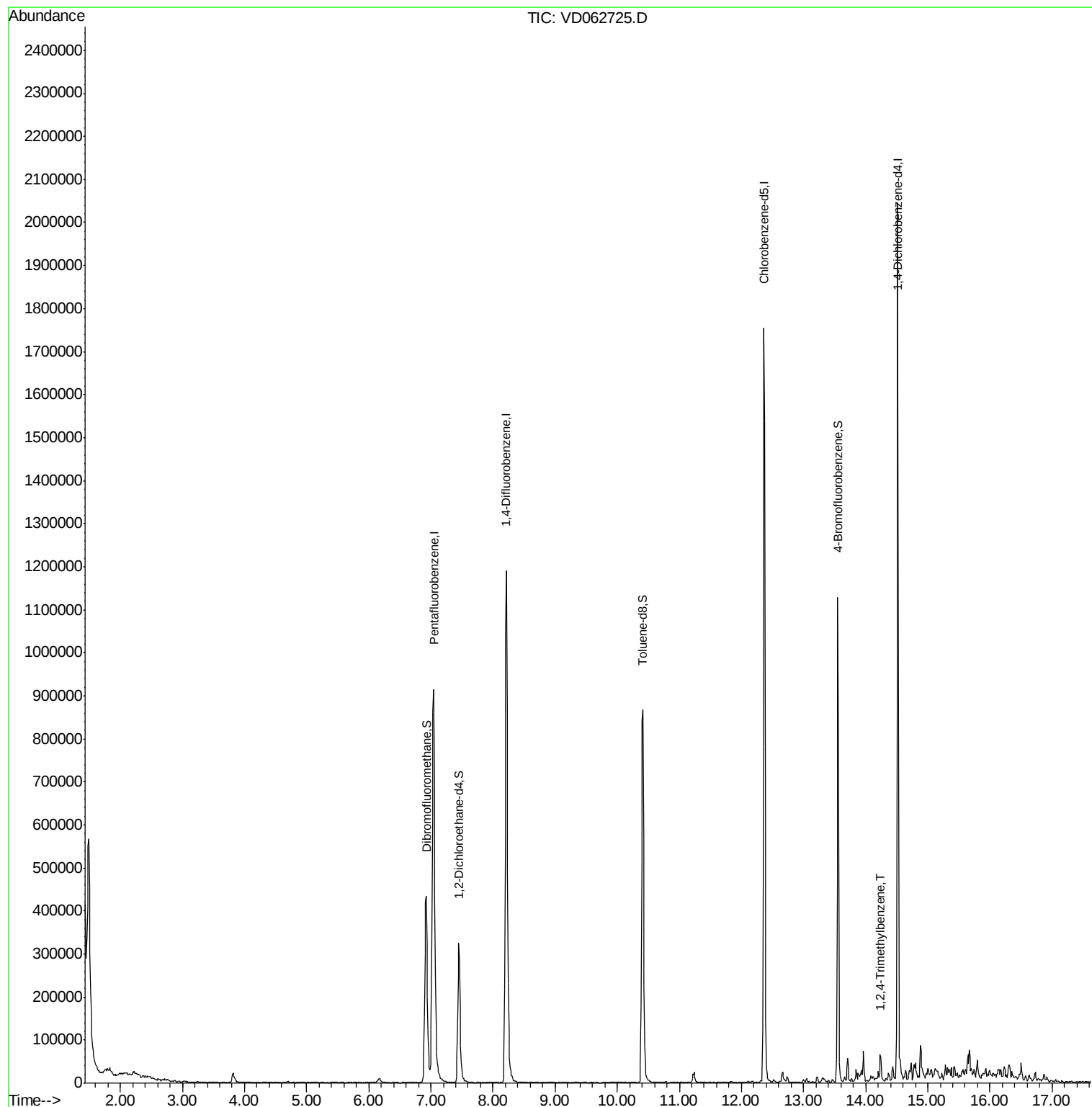
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	890395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1234833	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	962863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	421267	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	371438	28.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.82%	
35) Dibromofluoromethane	6.93	113	394533	30.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.60%	
50) Toluene-d8	10.41	98	718058	26.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.42%	
62) 4-Bromofluorobenzene	13.55	95	304416	23.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.64%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	14.23	105	29917	1.151	ug/l	Qvalue 93

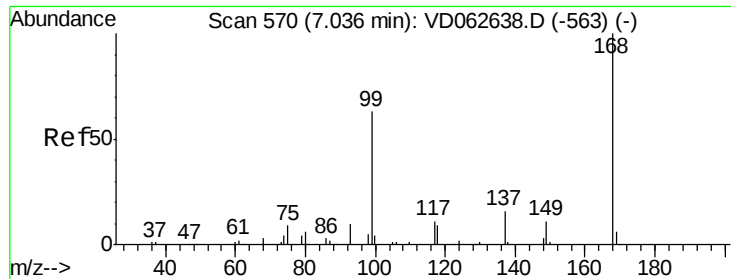
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.01 min

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ClientSampleId :

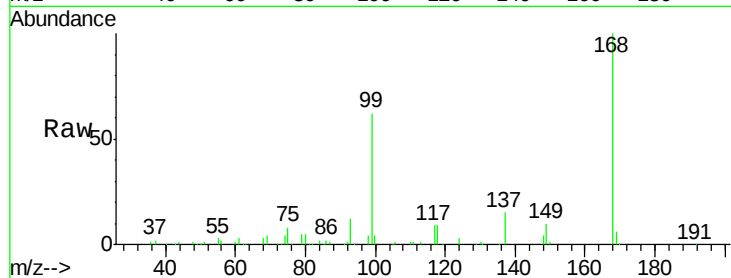
JC-02-061419-A

Tot Ion:168 Resp: 890395

Ion Ratio Lower Upper

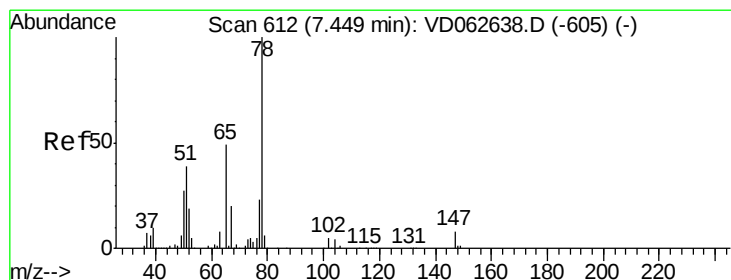
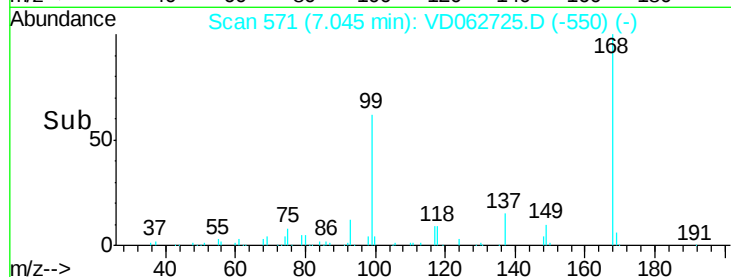
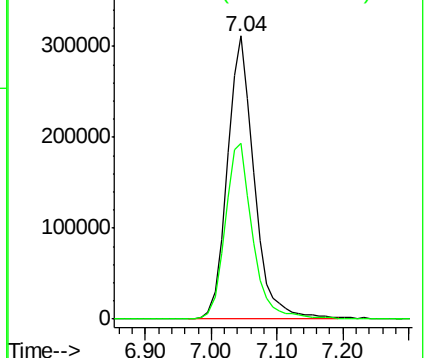
168 100

99 62.0 51.4 77.2



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: 28.909 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD062725.D

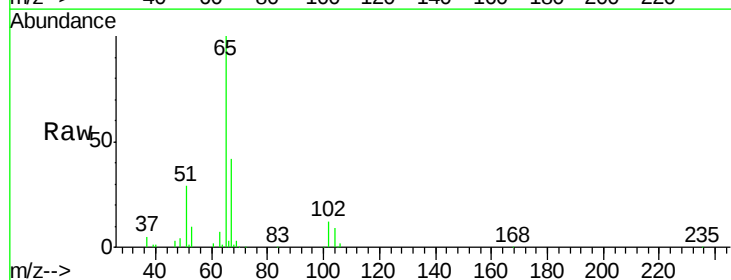
Acq: 17 Jun 2019 14:34

Tgt Ion: 65 Resp: 371438

Ion Ratio Lower Upper

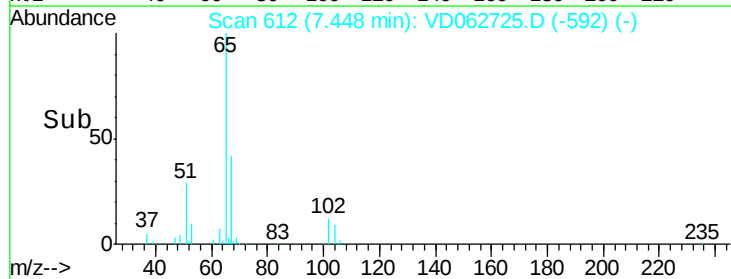
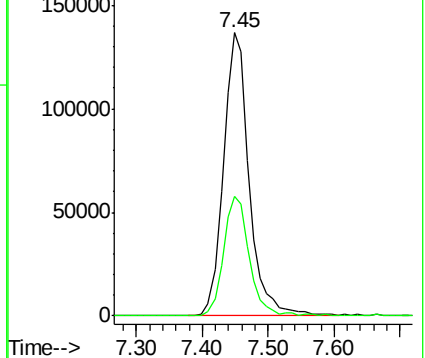
65 100

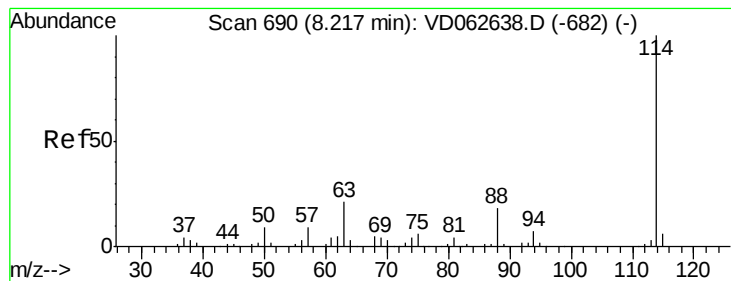
67 42.5 0.0 81.8



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# 690

Delta R.T. -0.00 min

Lab File: VD062725.D

Acq: 17 Jun 2019 14:34

Instrument :

MSVOA_D

ClientSampleId :

JC-02-061419-A

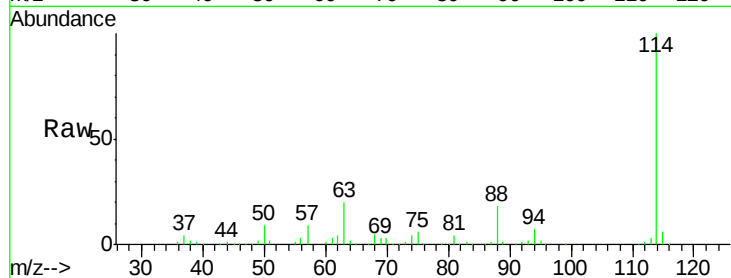
Tot Ion:114 Resp: 1234833

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

88 18.3 0.0 36.8



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

8.22

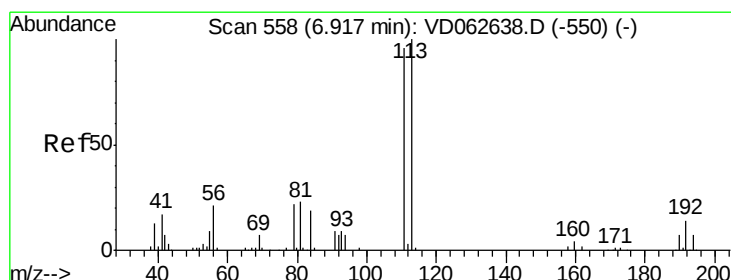
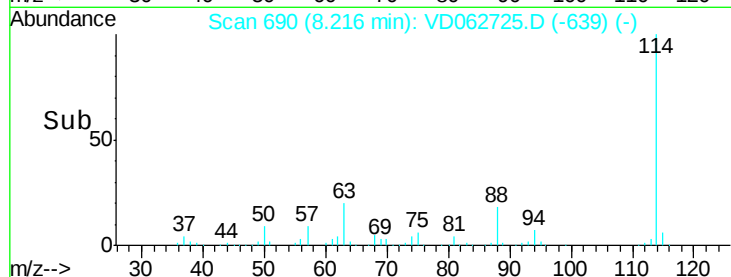
600000

400000

200000

0

Time-->



#35

Dibromofluoromethane

Concen: 30.295 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.01 min

Lab File: VD062725.D

Acq: 17 Jun 2019 14:34

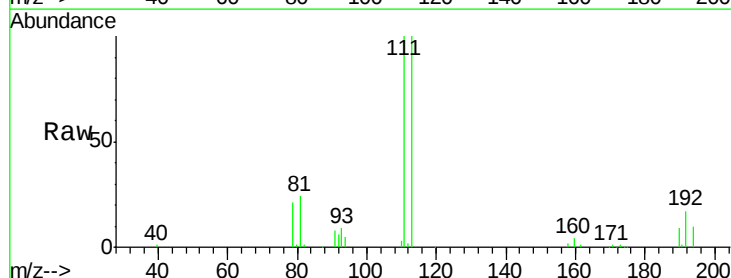
Tgt Ion:113 Resp: 394533

Ion Ratio Lower Upper

113 100

111 100.0 76.4 114.6

192 17.0 11.4 17.0



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

6.93

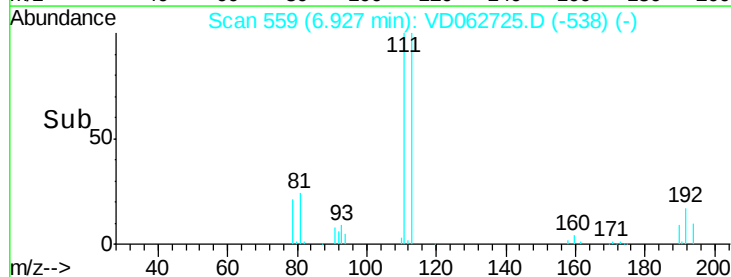
150000

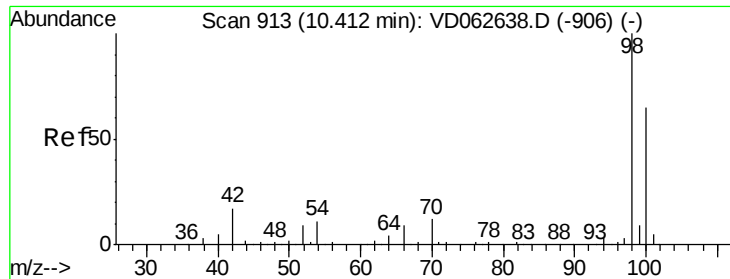
100000

50000

0

Time-->





#50

Toluene-d8

Concen: 26.211 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD062725.D

Acq: 17 Jun 2019 14:34

Instrument :

MSVOA_D

ClientSampleId :

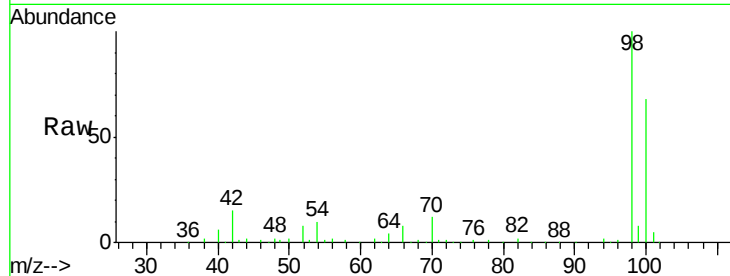
JC-02-061419-A

Tot Ion: 98 Resp: 718058

Ion Ratio Lower Upper

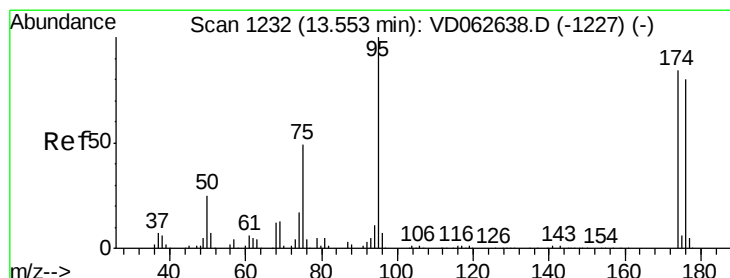
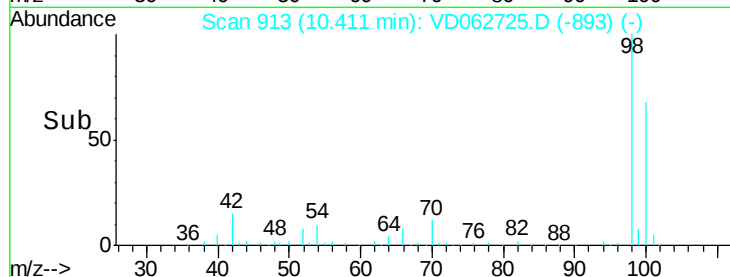
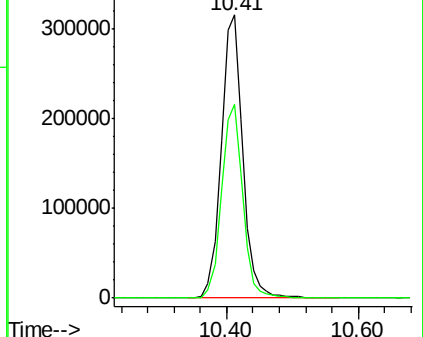
98 100

100 68.3 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): VD062638.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD062638.D (-906) (-)



#62

4-Bromofluorobenzene

Concen: 23.818 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062725.D

Acq: 17 Jun 2019 14:34

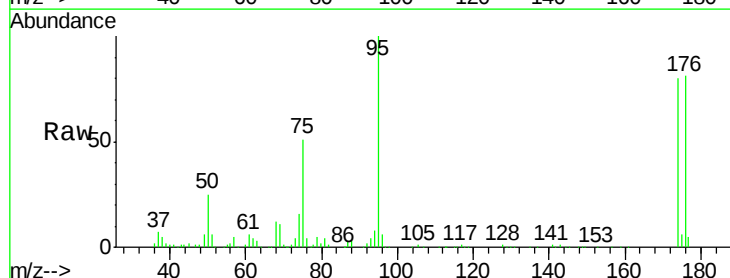
Tgt Ion: 95 Resp: 304416

Ion Ratio Lower Upper

95 100

174 79.6 0.0 167.0

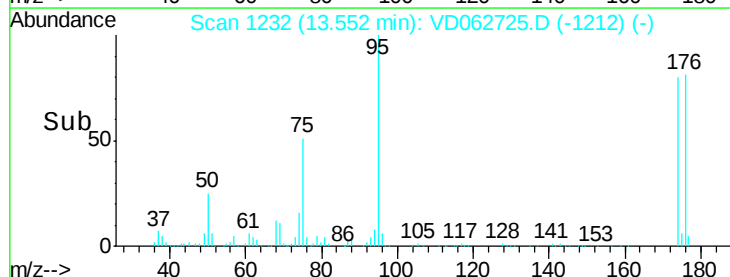
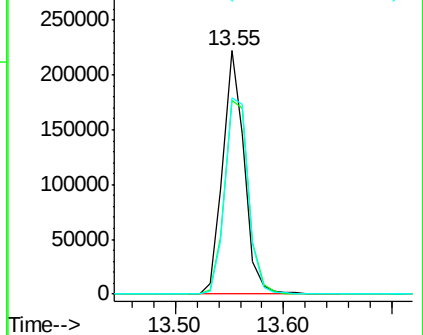
176 80.8 0.0 159.2

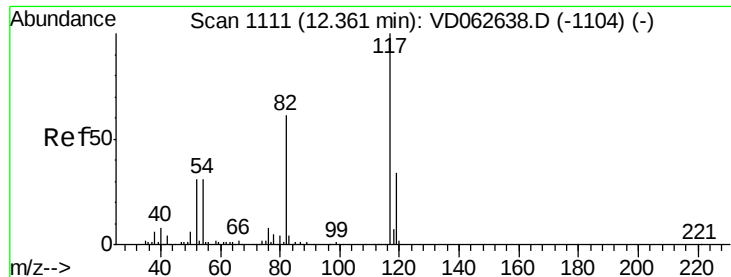


Abundance Ion 95.00 (94.70 to 95.70): VD062638.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062638.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062638.D (-1227) (-)

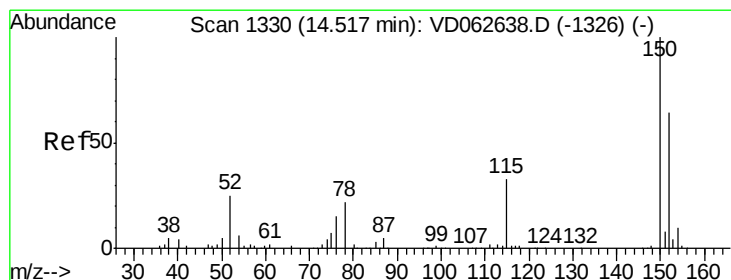
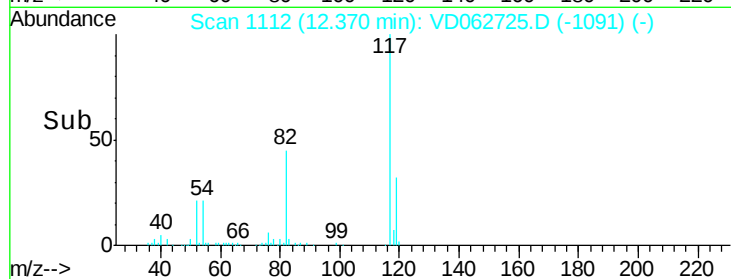
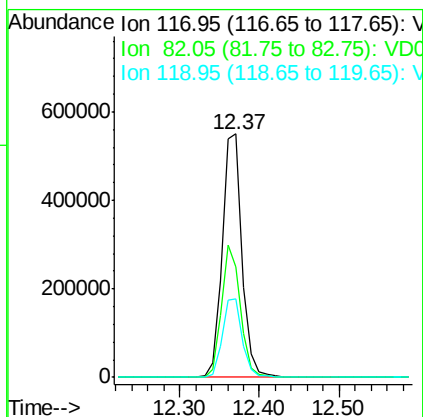
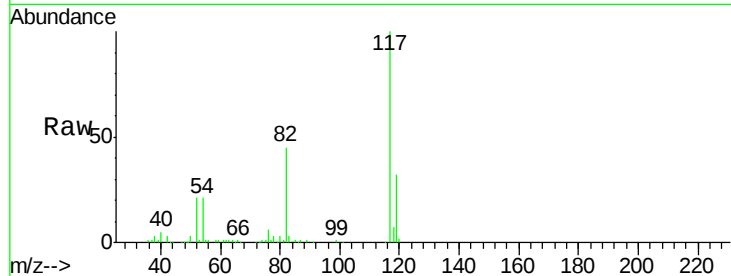




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062725.D
Acq: 17 Jun 2019 14:34

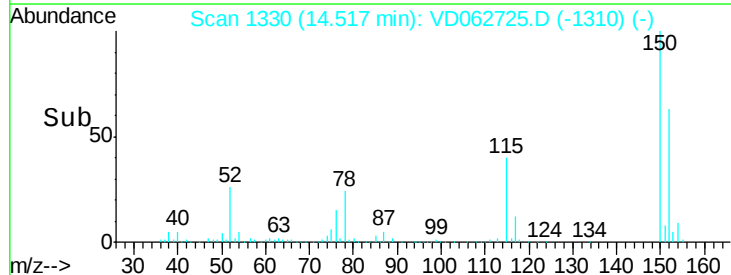
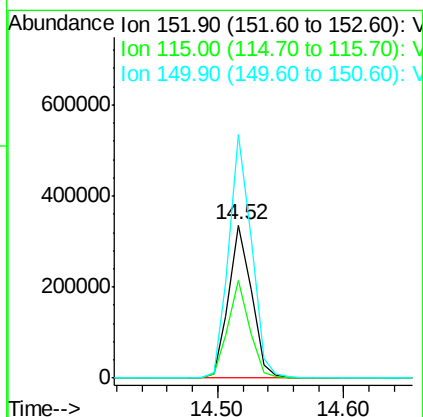
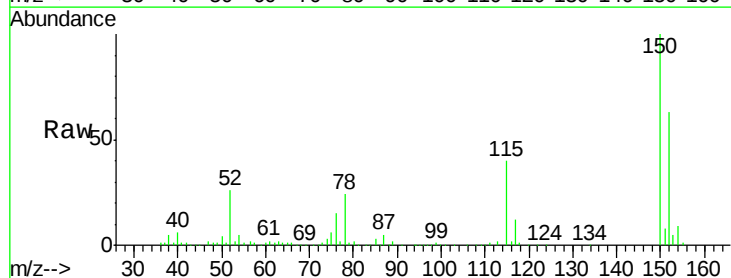
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JC-02-061419-A

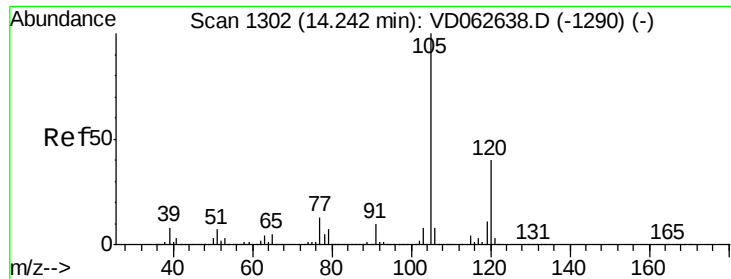
Tot Ion:117 Resp: 962863
Ion Ratio Lower Upper
117 100
82 45.2 48.7 73.1#
119 32.1 27.0 40.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062725.D
Acq: 17 Jun 2019 14:34

Tgt Ion:152 Resp: 421267
Ion Ratio Lower Upper
152 100
115 64.0 30.1 90.5
150 159.4 0.0 314.0





#84
 1,2,4-Trimethylbenzene
 Concen: 1.151 ug/l
 RT: 14.23 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VD062725.D
 Acq: 17 Jun 2019 14:34

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-061419-A

Tot Ion:105 Resp: 29917
 Ion Ratio Lower Upper
 105 100
 120 45.2 20.3 60.8

