

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060319\
 Data File : VD062590.D
 Acq On : 3 Jun 2019 17:18
 Operator : VA/AP
 Sample : K3165-02RE
 Misc : 1.02g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 13860RE

Quant Time: Jun 04 07:07:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

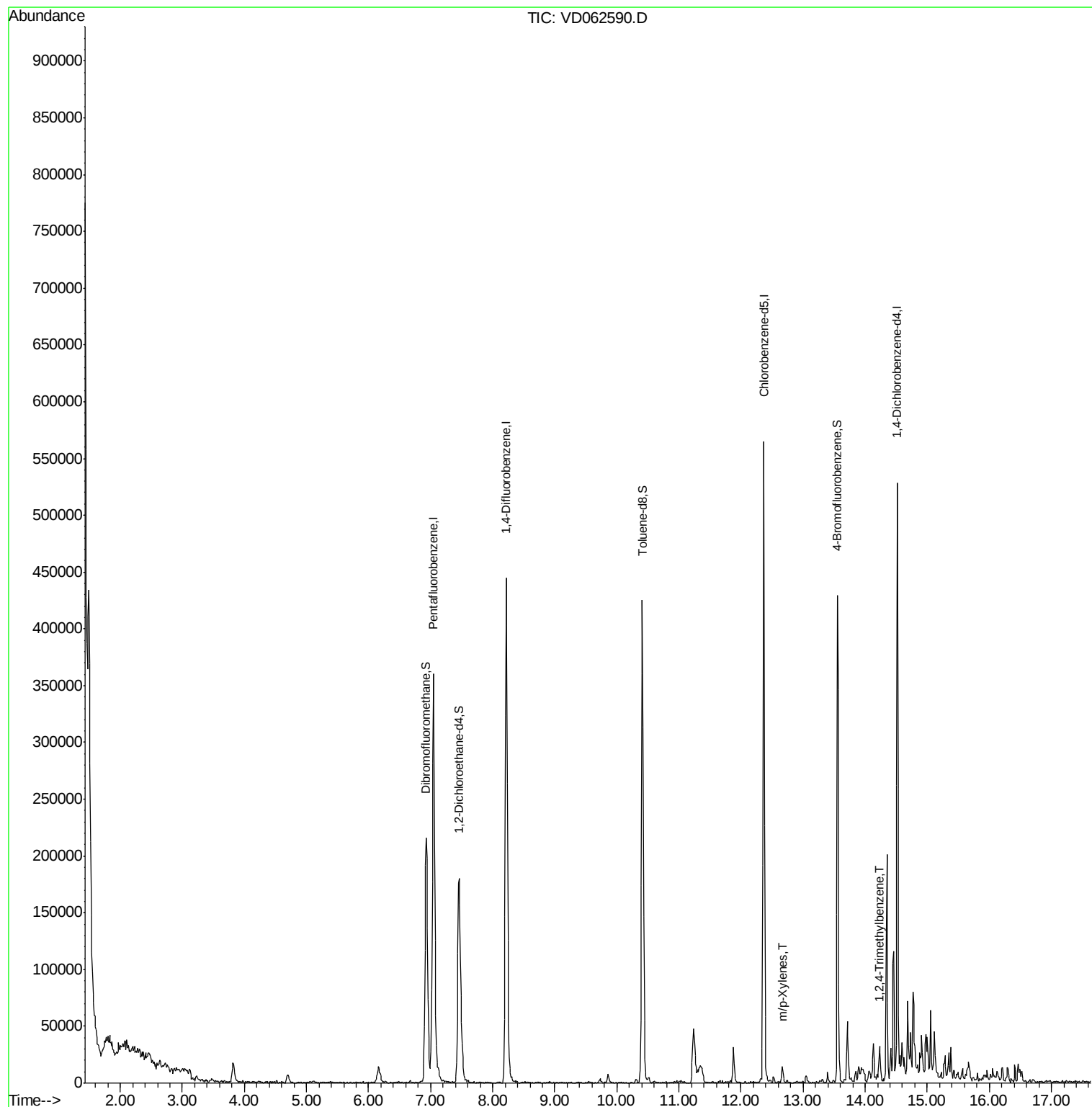
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	331854	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	467814	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	299496	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	106035	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	206100	52.97	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	105.94%	
35) Dibromofluoromethane	6.93	113	192310	45.11	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	90.22%	
50) Toluene-d8	10.41	98	320998	34.37	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	68.74%	
62) 4-Bromofluorobenzene	13.55	95	117994	28.01	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	56.02%	
Target Compounds						
68) m/p-Xylenes	12.66	106	4305	1.164	ug/l	76
84) 1,2,4-Trimethylbenzene	14.24	105	10820	1.778	ug/l	89

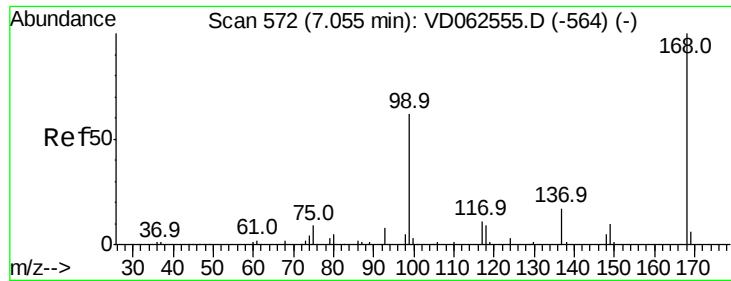
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

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MSVOA_D

ClientSampleId :

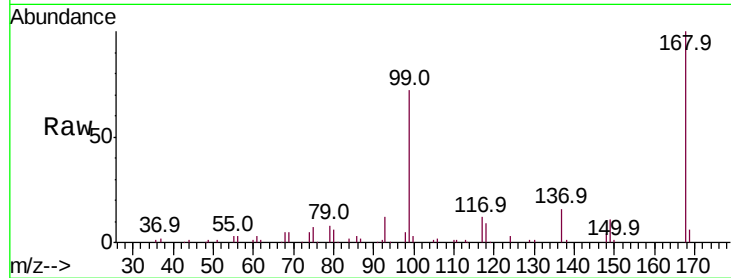
13860RE

Tot Ion:168 Resp: 331854

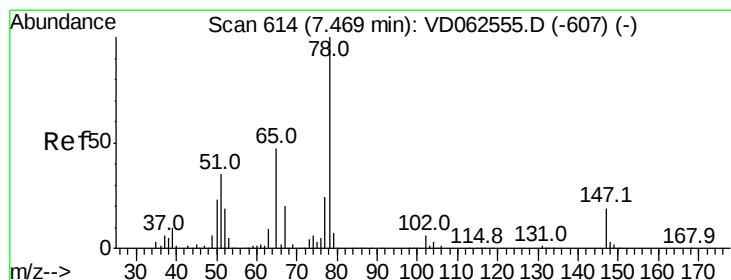
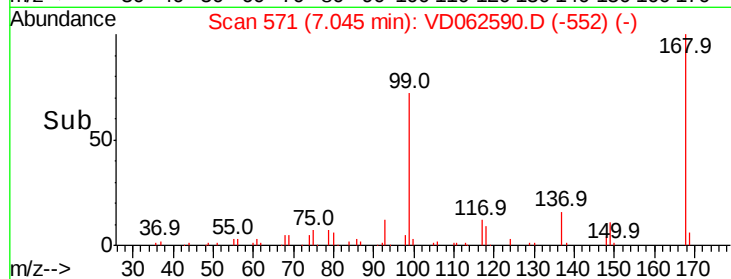
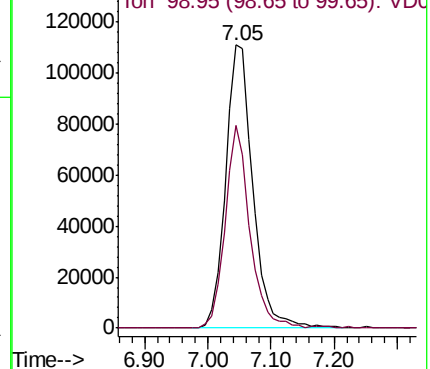
Ion Ratio Lower Upper

168 100

99 71.6 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V



#33

1,2-Dichloroethane-d4

Concen: 52.967 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD062590.D

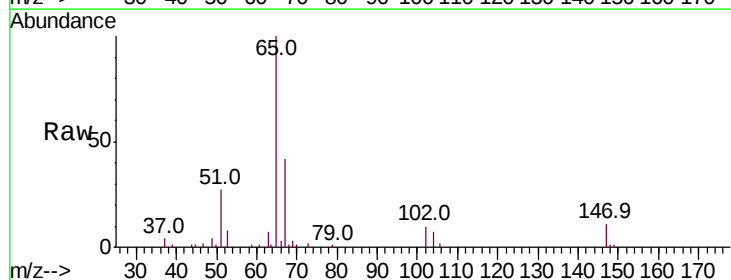
Acq: 3 Jun 2019 17:18

Tgt Ion: 65 Resp: 206100

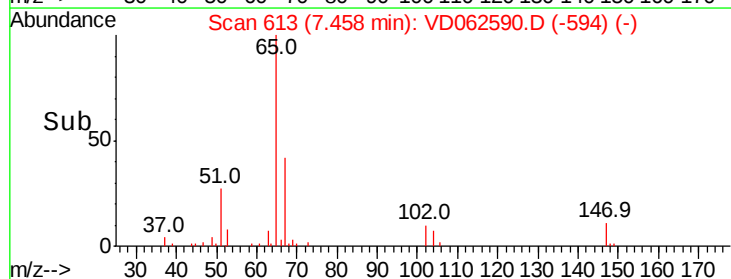
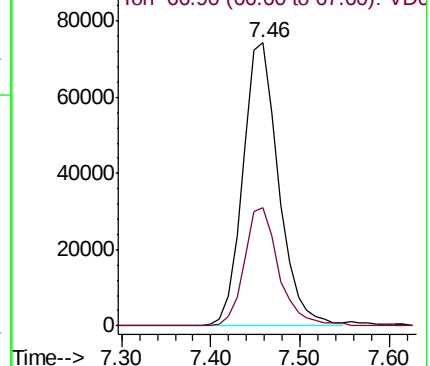
Ion Ratio Lower Upper

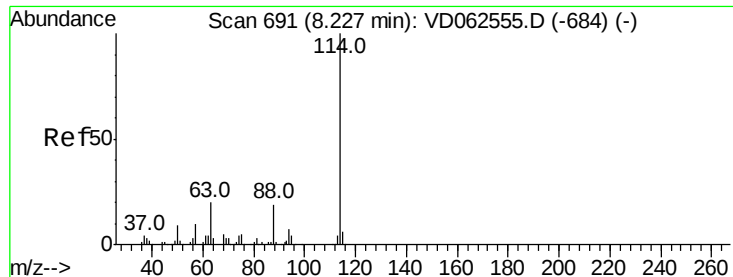
65 100

67 41.9 0.0 83.6



Abundance Ion 64.95 (64.65 to 65.65): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD062590.D

Acq: 3 Jun 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

13860RE

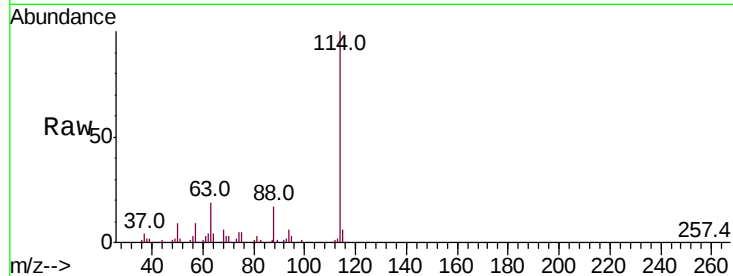
Tot Ion:114 Resp: 467814

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.6

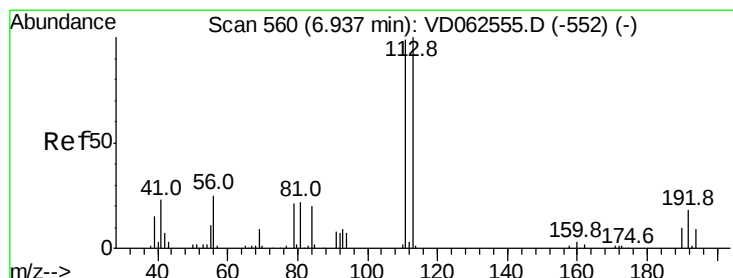
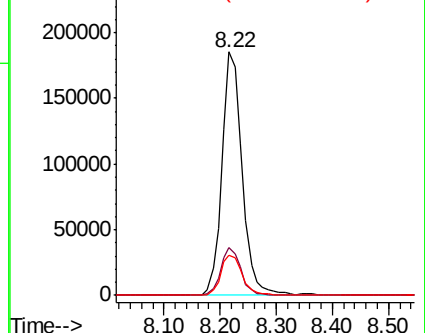
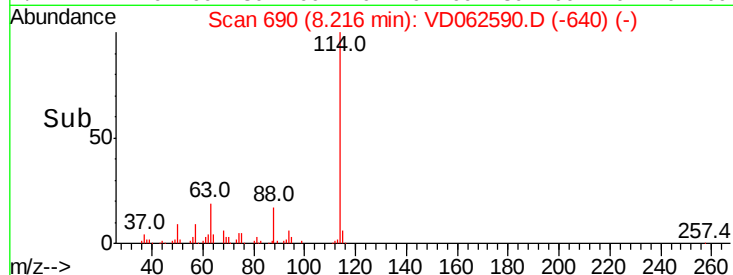
88 16.7 0.0 37.6



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: 45.111 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD062590.D

Acq: 3 Jun 2019 17:18

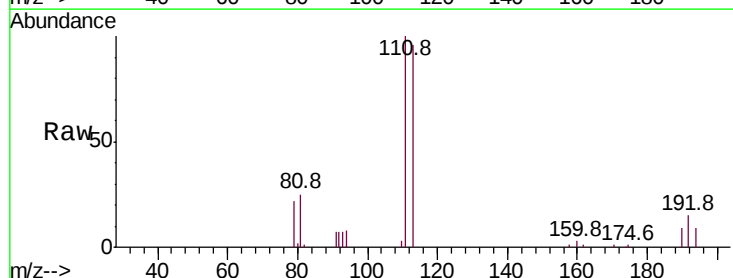
Tgt Ion:113 Resp: 192310

Ion Ratio Lower Upper

113 100

111 103.6 78.8 118.2

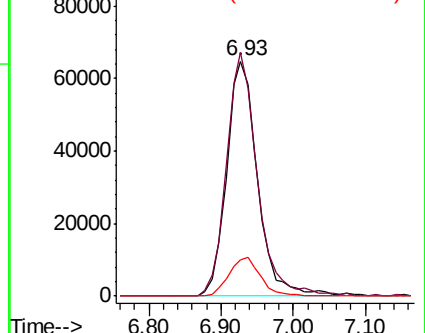
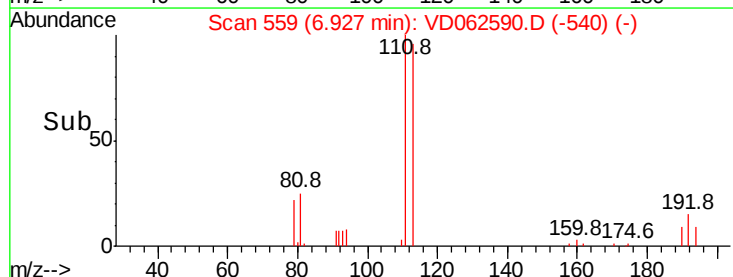
192 15.4 14.6 22.0

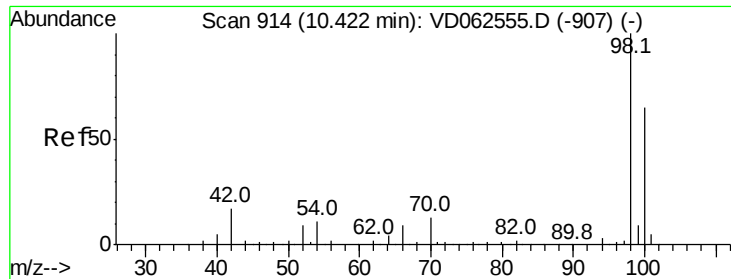


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

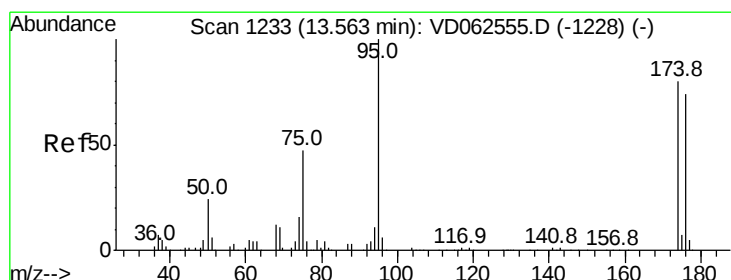
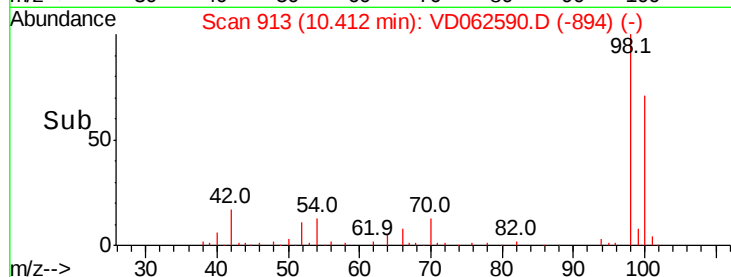
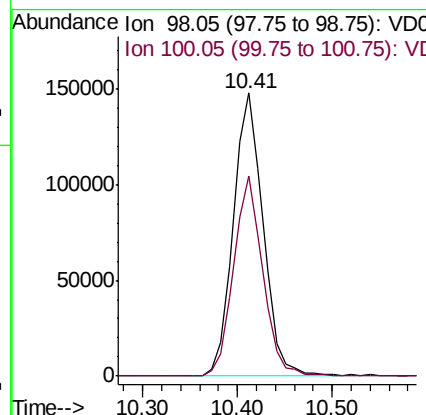
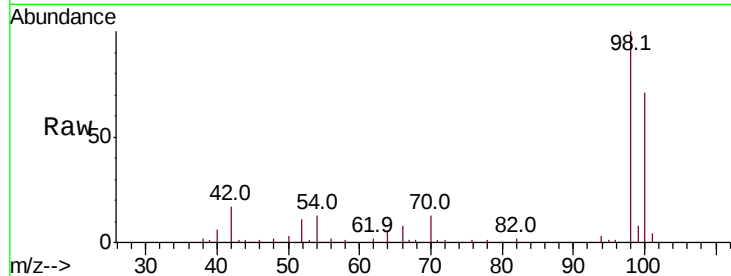




#50
Toluene-d8
Concen: 34.367 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD062590.D
Acq: 3 Jun 2019 17:18

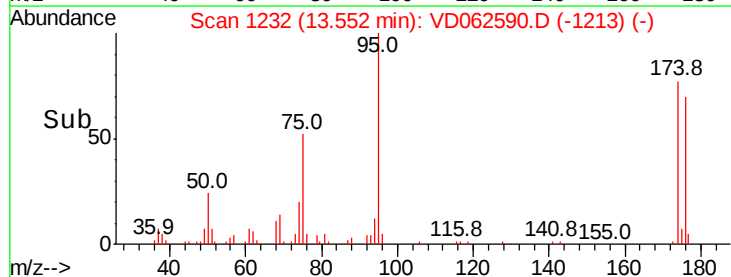
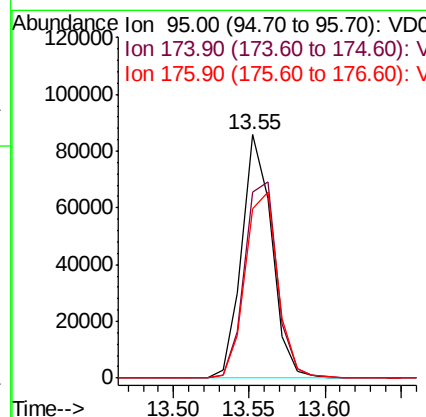
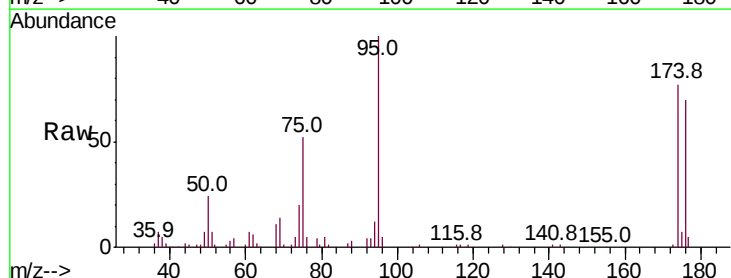
Instrument :
MSVOA_D
ClientSampleId :
13860RE

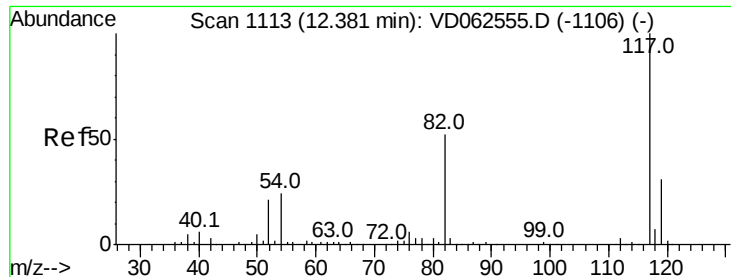
Tot Ion: 98 Resp: 320998
Ion Ratio Lower Upper
98 100
100 70.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 28.012 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD062590.D
Acq: 3 Jun 2019 17:18

Tgt Ion: 95 Resp: 117994
Ion Ratio Lower Upper
95 100
174 76.6 0.0 160.2
176 69.8 0.0 148.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VD062590.D

Acq: 3 Jun 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

13860RE

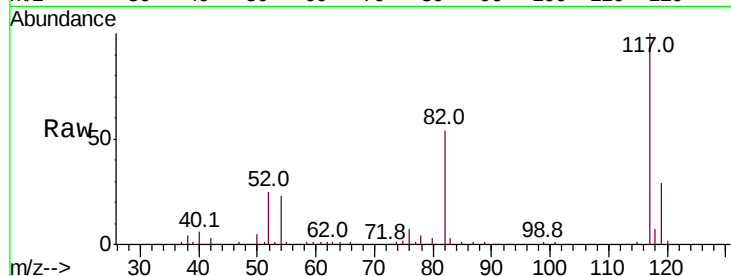
Tot Ion:117 Resp: 299496

Ion Ratio Lower Upper

117 100

82 54.2 41.4 62.2

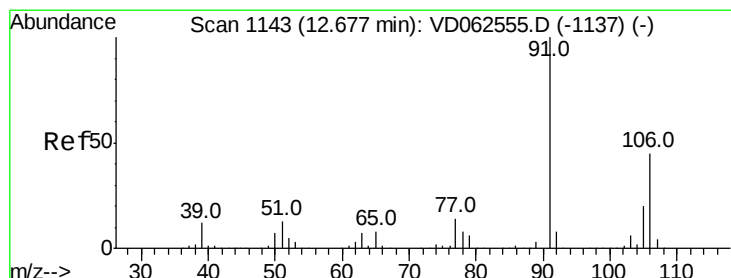
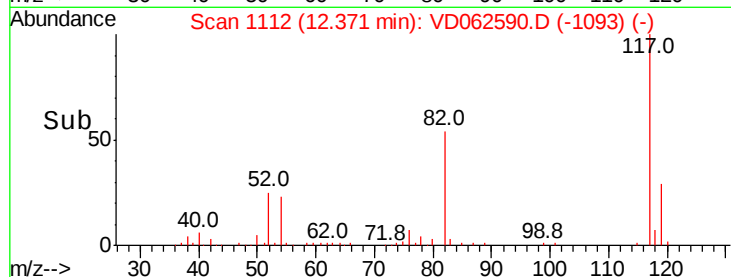
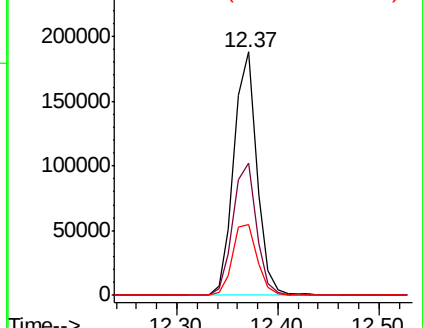
119 29.0 24.9 37.3



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



#68

m/p-Xylenes

Concen: 1.164 ug/l

RT: 12.66 min Scan# 1141

Delta R.T. -0.02 min

Lab File: VD062590.D

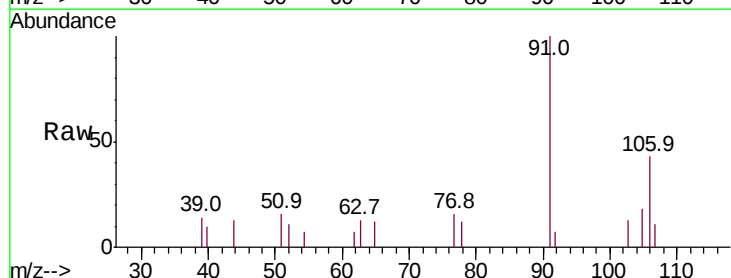
Acq: 3 Jun 2019 17:18

Tgt Ion:106 Resp: 4305

Ion Ratio Lower Upper

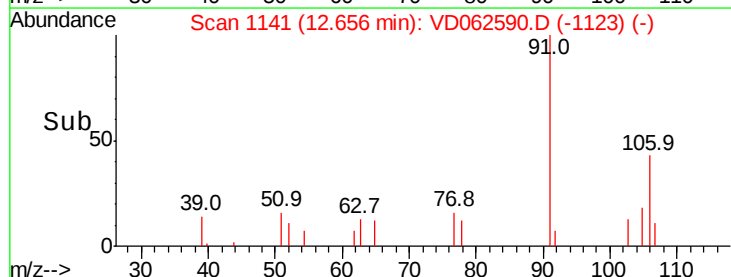
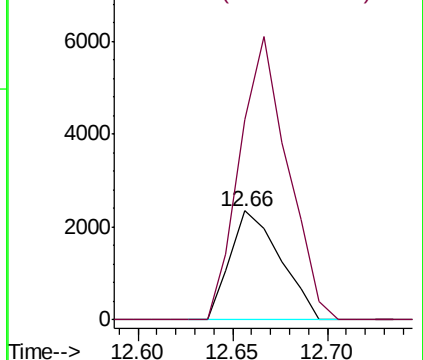
106 100

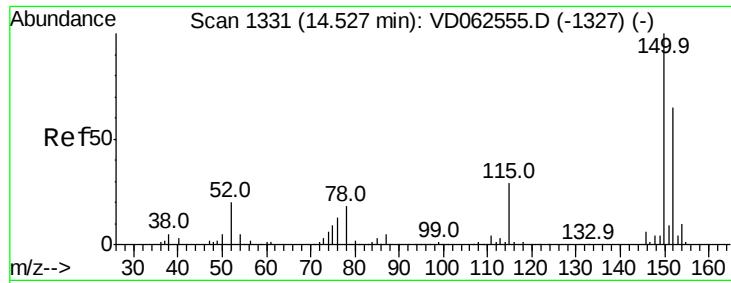
91 184.3 178.9 268.3



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): V

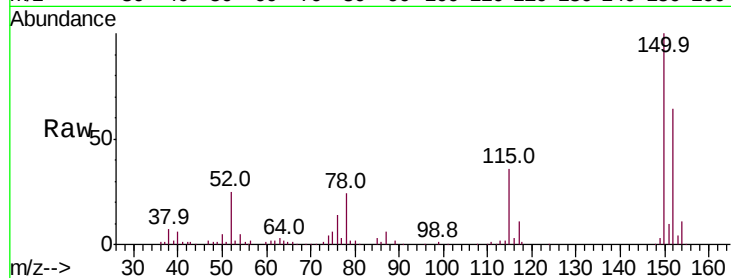




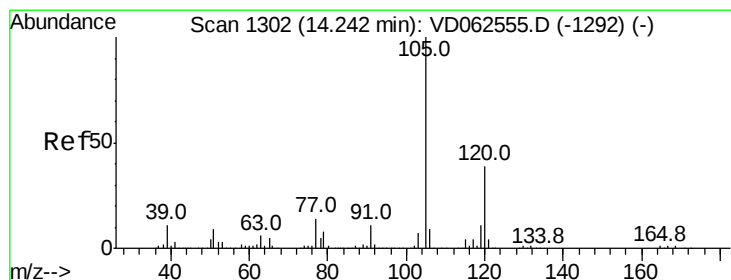
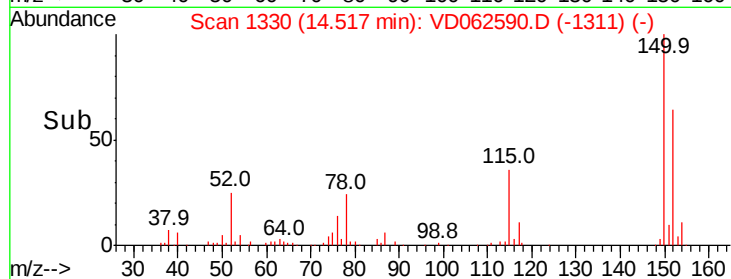
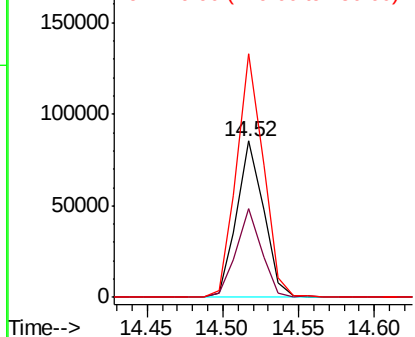
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD062590.D
 Acq: 3 Jun 2019 17:18

Instrument :
 MSVOA_D
 ClientSampleId :
 13860RE

Tot Ion:152 Resp: 106035
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.4 85.3
 150 155.7 0.0 310.4

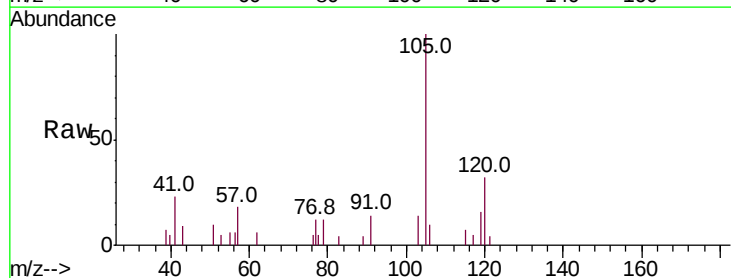


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V



#84
 1,2,4-Trimethylbenzene
 Concen: 1.778 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VD062590.D
 Acq: 3 Jun 2019 17:18

Tgt Ion:105 Resp: 10820
 Ion Ratio Lower Upper
 105 100
 120 32.4 19.6 58.8



Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V

