

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080719\
 Data File : VD063424.D
 Acq On : 7 Aug 2019 17:24
 Operator : JC/SY
 Sample : K4219-03RE
 Misc : 6.08g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-BRE

Quant Time: Aug 08 08:30:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

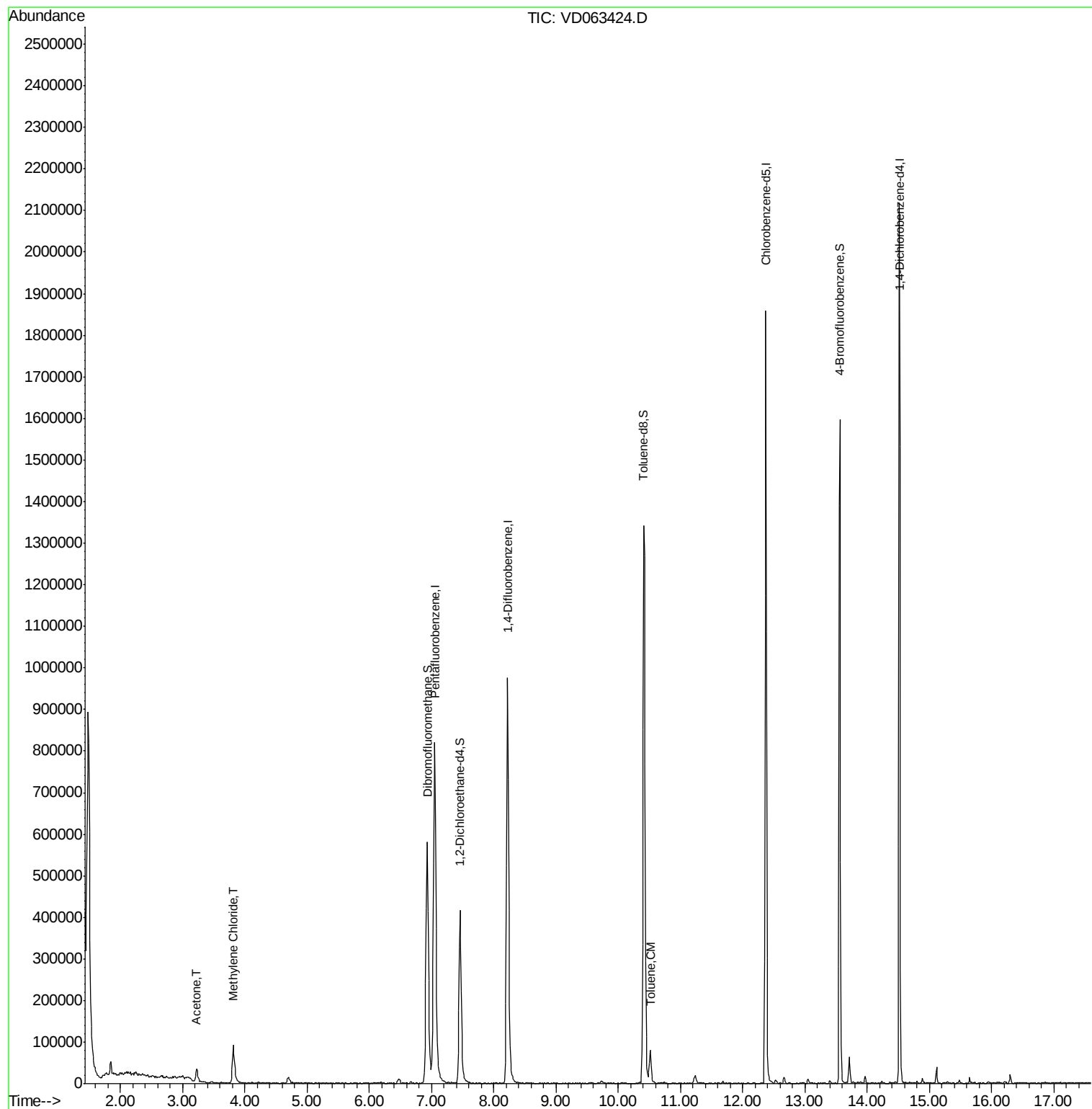
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	798261	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1060170	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	943170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	461021	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	464845	52.48	ug/l	0.02
Spiked Amount 50.000			Recovery	=	104.96%	
35) Dibromofluoromethane	6.93	113	518623	57.30	ug/l	0.02
Spiked Amount 50.000			Recovery	=	114.60%	
50) Toluene-d8	10.41	98	1088455	53.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.46%	
62) 4-Bromofluorobenzene	13.56	95	456886	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
Target Compounds						
16) Acetone	3.23	43	61788	35.803	ug/l	99
20) Methylene Chloride	3.83	84	54579	7.824	ug/l #	91
52) Toluene	10.51	92	34969	2.593	ug/l	91

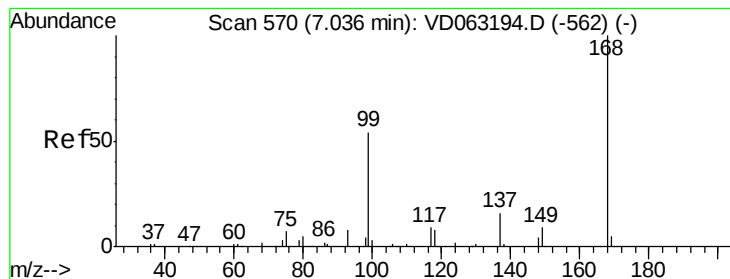
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080719\
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Quant Time: Aug 08 08:30:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063424.D

Acq: 7 Aug 2019 17:24

Instrument :

MSVOA_D

ClientSampleId :

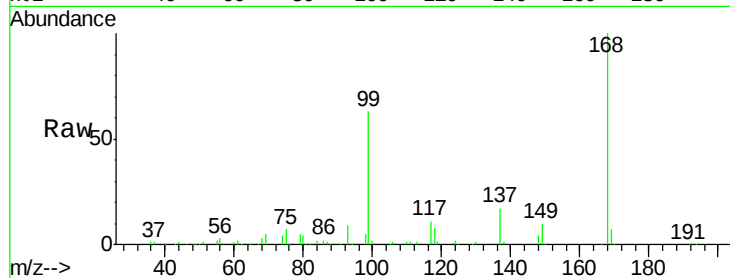
TP-BRE

Tot Ion:168 Resp: 798261

Ion Ratio Lower Upper

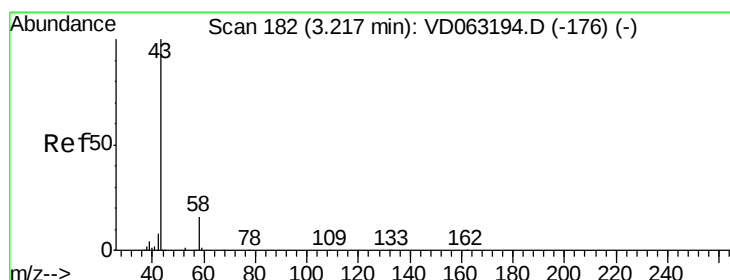
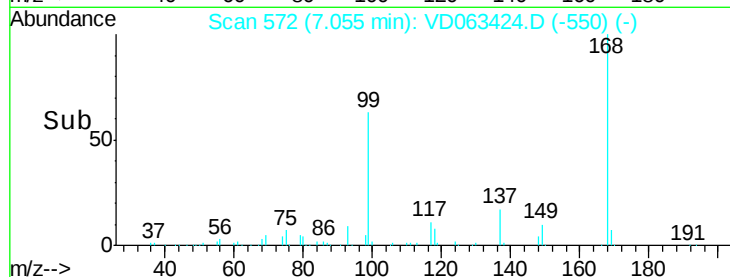
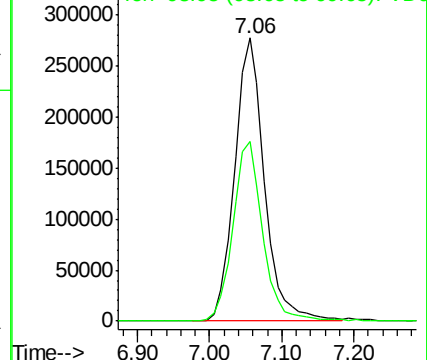
168 100

99 63.3 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 35.803 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD063424.D

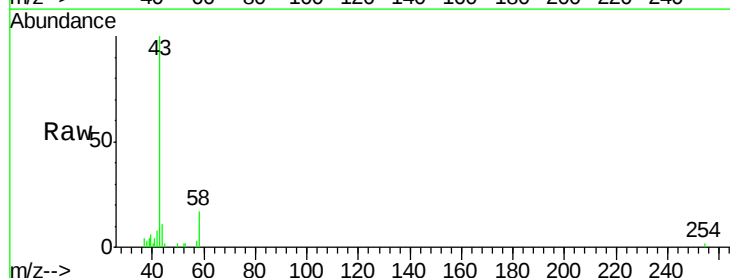
Acq: 7 Aug 2019 17:24

Tgt Ion: 43 Resp: 61788

Ion Ratio Lower Upper

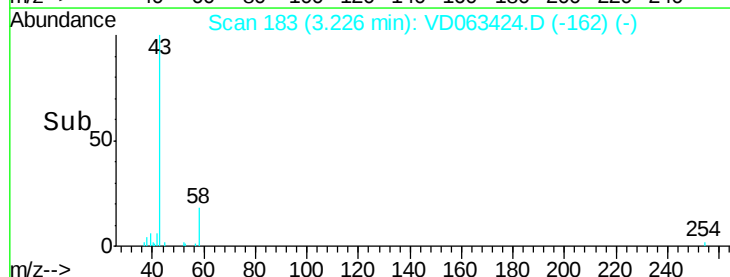
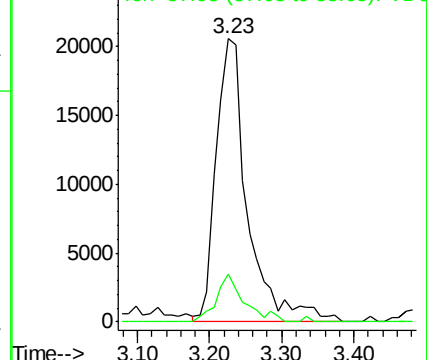
43 100

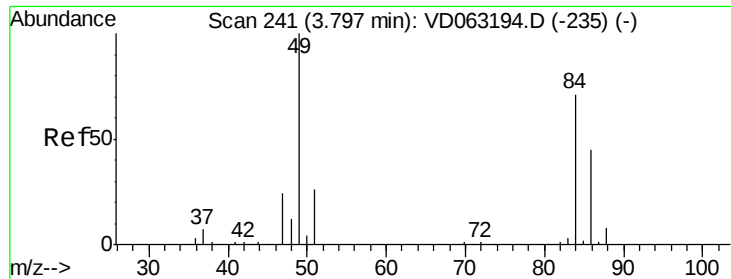
58 16.8 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

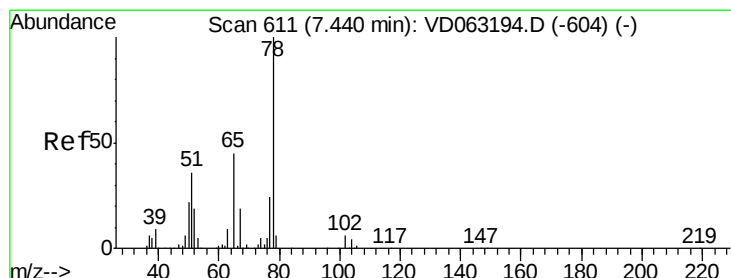
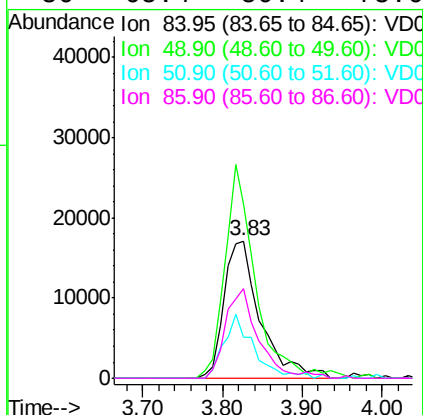
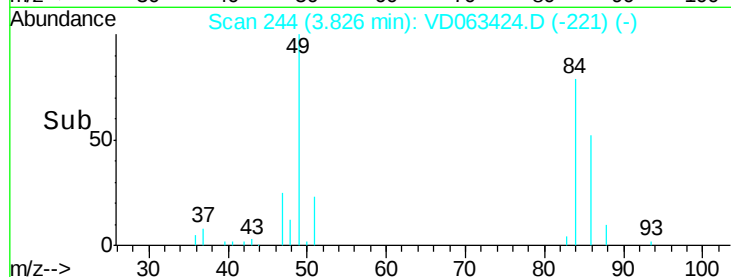
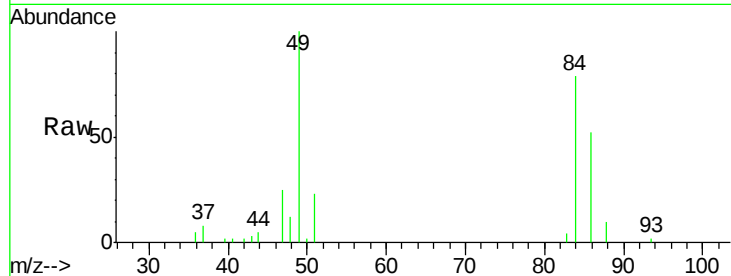




#20
Methylene Chloride
Concen: 7.824 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.03 min
Lab File: VD063424.D
Acq: 7 Aug 2019 17:24

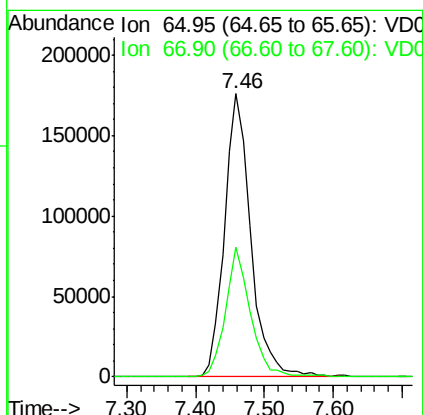
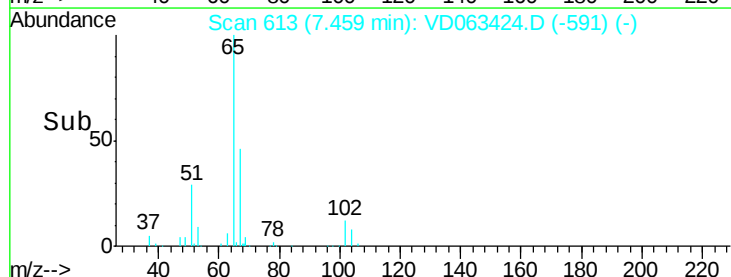
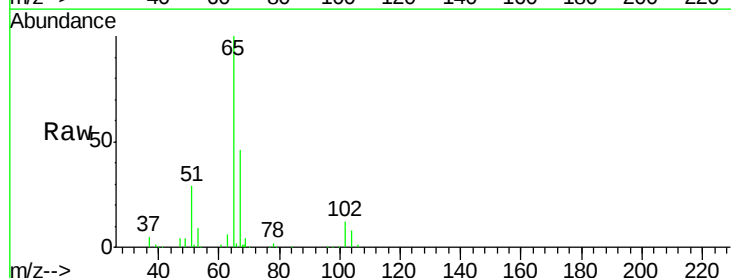
Instrument :
MSVOA_D
ClientSampleId :
TP-BRE

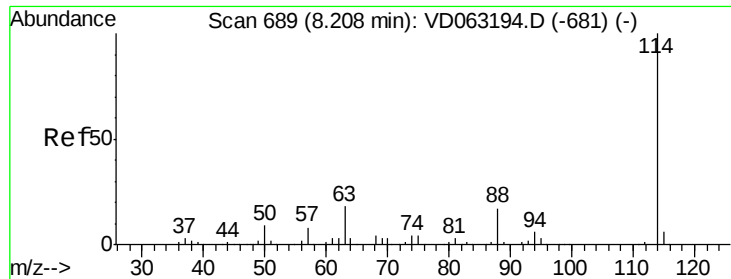
Tot Ion: 84 Resp: 54579
Ion Ratio Lower Upper
84 100
49 126.9 112.5 168.7
51 29.4 29.6 44.4#
86 65.4 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 52.481 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.02 min
Lab File: VD063424.D
Acq: 7 Aug 2019 17:24

Tgt Ion: 65 Resp: 464845
Ion Ratio Lower Upper
65 100
67 45.8 0.0 85.8

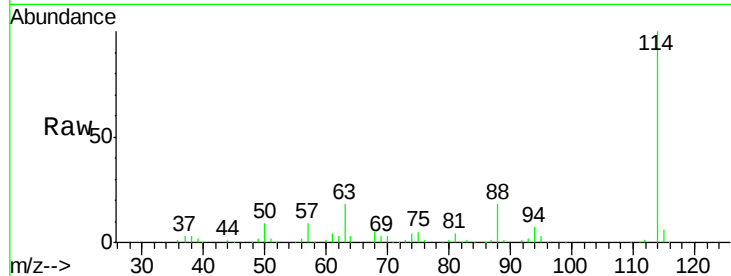




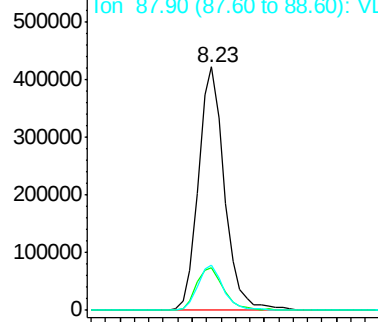
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD063424.D
 Acq: 7 Aug 2019 17:24

Instrument :
 MSVOA_D
 ClientSampled :
 TP-BRE

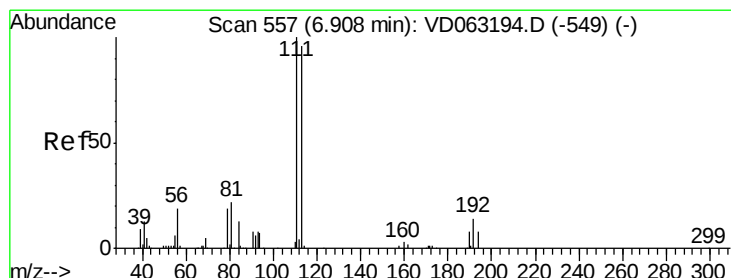
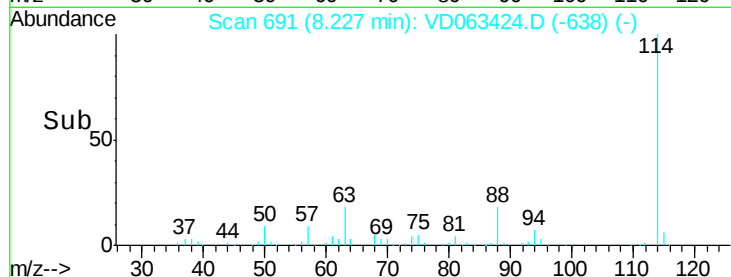
Tot Ion:114 Resp: 1060170
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.2
 88 18.4 0.0 34.6



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

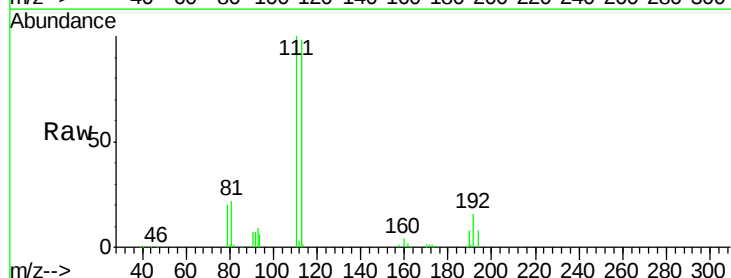


Time-->

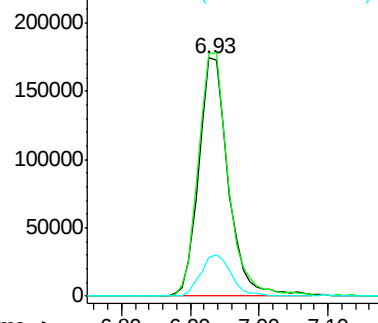


#35
 Dibromofluoromethane
 Concen: 57.296 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: VD063424.D
 Acq: 7 Aug 2019 17:24

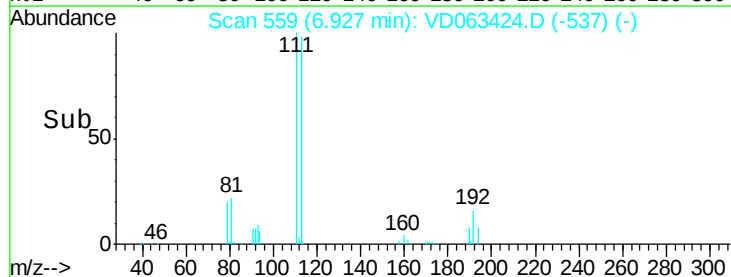
Tgt Ion:113 Resp: 518623
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.2 124.8
 192 16.4 11.8 17.8

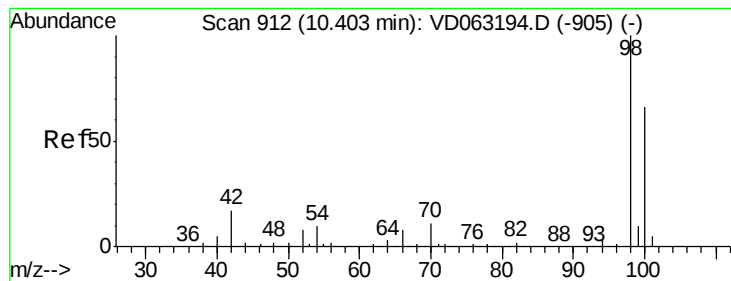


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V



Time-->





#50

Toluene-d8

Concen: 53.731 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD063424.D

Acq: 7 Aug 2019 17:24

Instrument :

MSVOA_D

ClientSampleId :

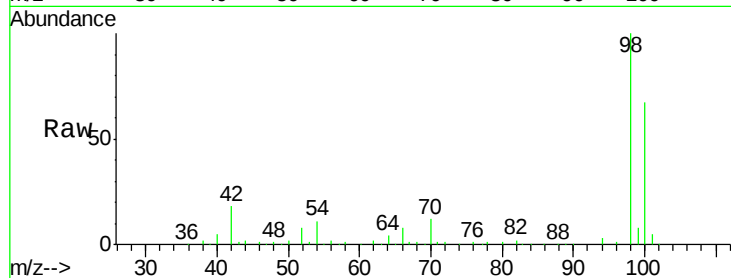
TP-BRE

Tot Ion: 98 Resp: 1088455

Ion Ratio Lower Upper

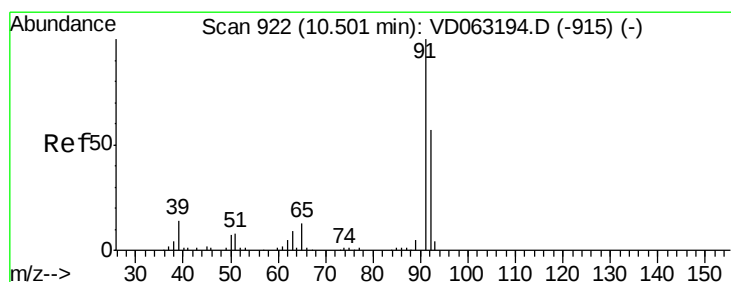
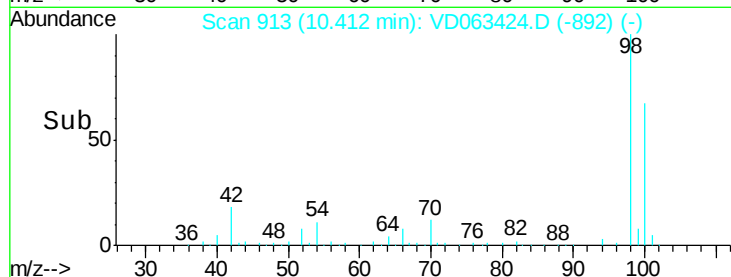
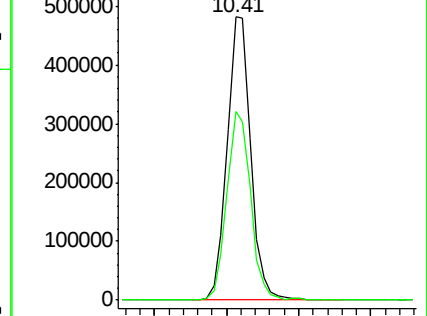
98 100

100 66.8 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#52

Toluene

Concen: 2.593 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD063424.D

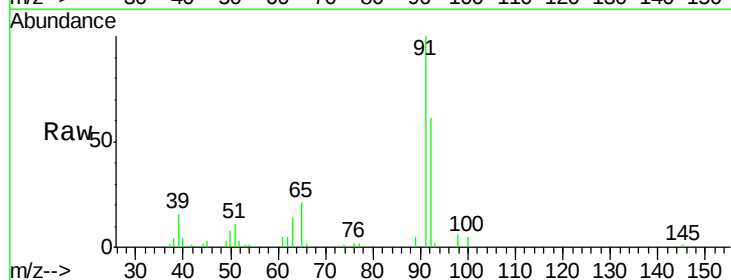
Acq: 7 Aug 2019 17:24

Tgt Ion: 92 Resp: 34969

Ion Ratio Lower Upper

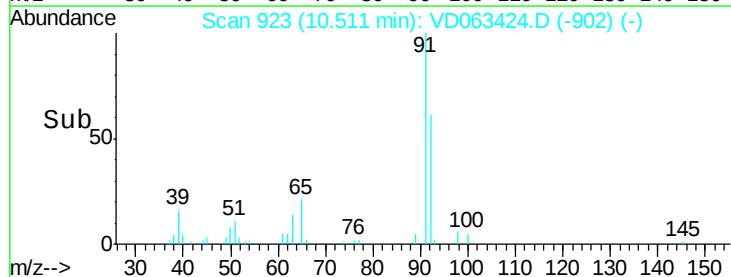
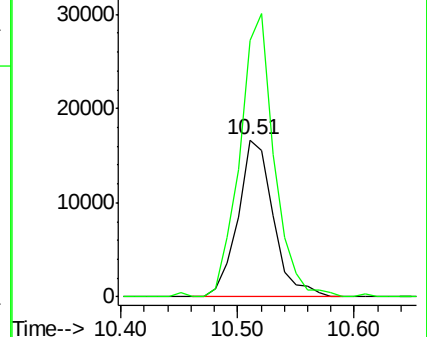
92 100

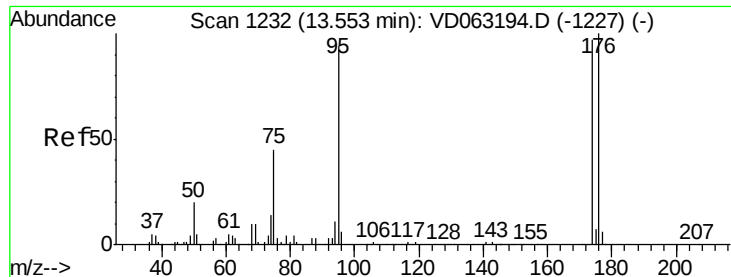
91 162.9 140.8 211.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: 49.494 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD063424.D

Acq: 7 Aug 2019 17:24

Instrument :

MSVOA_D

ClientSampleId :

TP-BRE

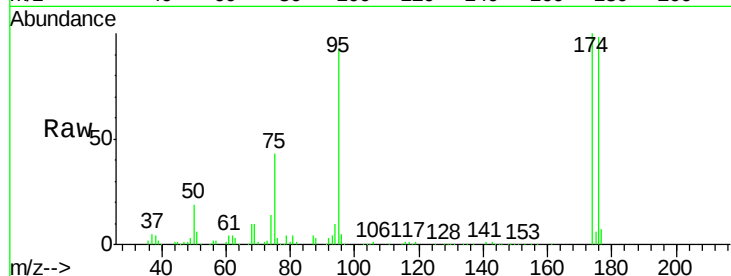
Tot Ion: 95 Resp: 456886

Ion Ratio Lower Upper

95 100

174 107.7 0.0 205.4

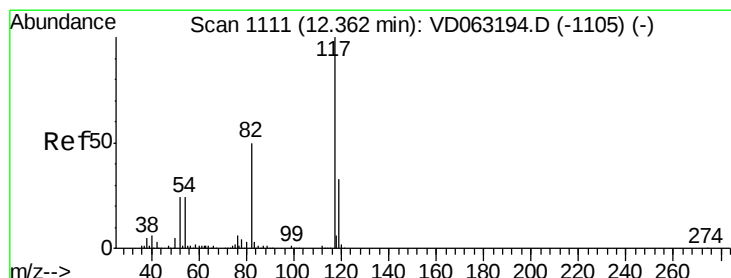
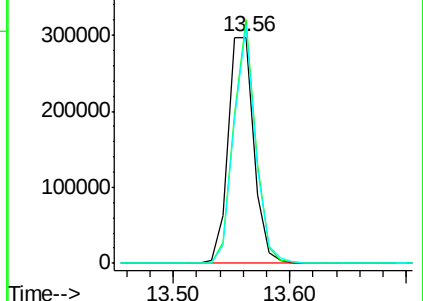
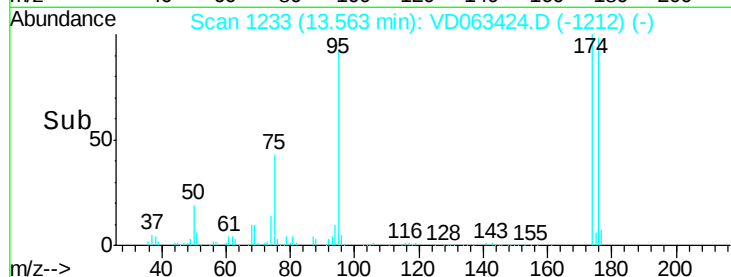
176 105.7 0.0 211.8



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: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD063424.D

Acq: 7 Aug 2019 17:24

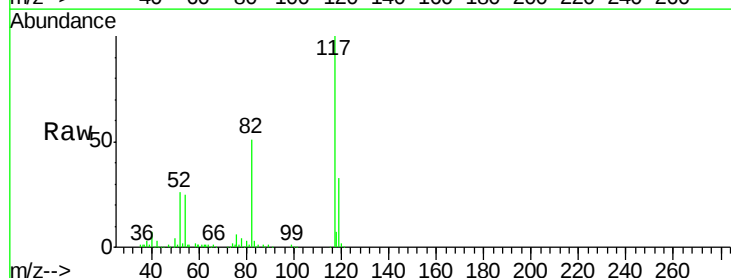
Tgt Ion: 117 Resp: 943170

Ion Ratio Lower Upper

117 100

82 51.5 40.1 60.1

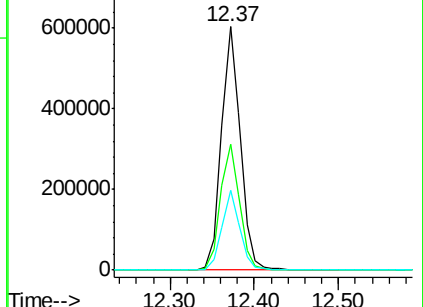
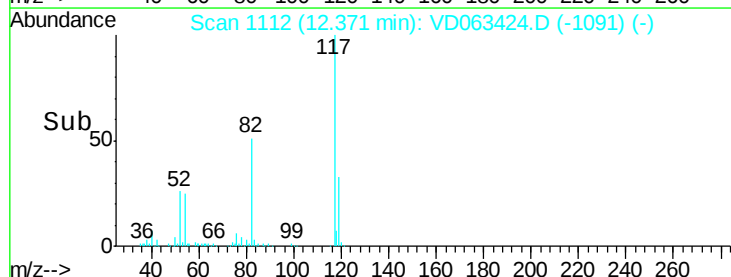
119 32.8 26.5 39.7

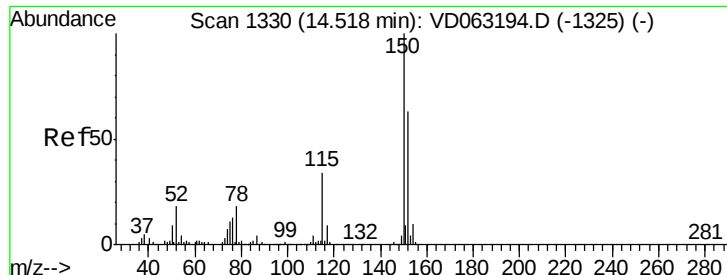


Abundance Ion 116.95 (116.65 to 117.65): V

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. -0.00 min

Lab File: VD063424.D

Acq: 7 Aug 2019 17:24

Instrument :

MSVOA_D

ClientSampleId :

TP-BRE

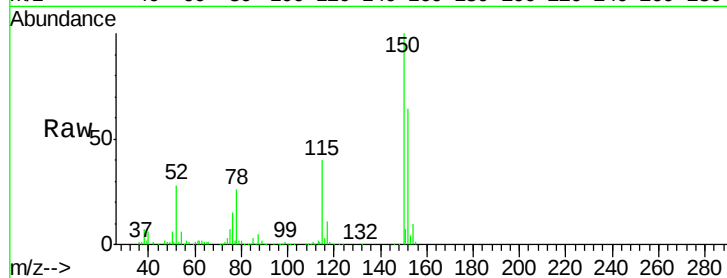
Tot Ion:152 Resp: 461021

Ion Ratio Lower Upper

152 100

115 61.4 27.5 82.4

150 155.3 0.0 320.6



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

