

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063252.D
 Acq On : 30 Jul 2019 20:02
 Operator : VA/AP
 Sample : K4049-08RE
 Misc : 4.63g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-8RE

Quant Time: Jul 31 06:39:57 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

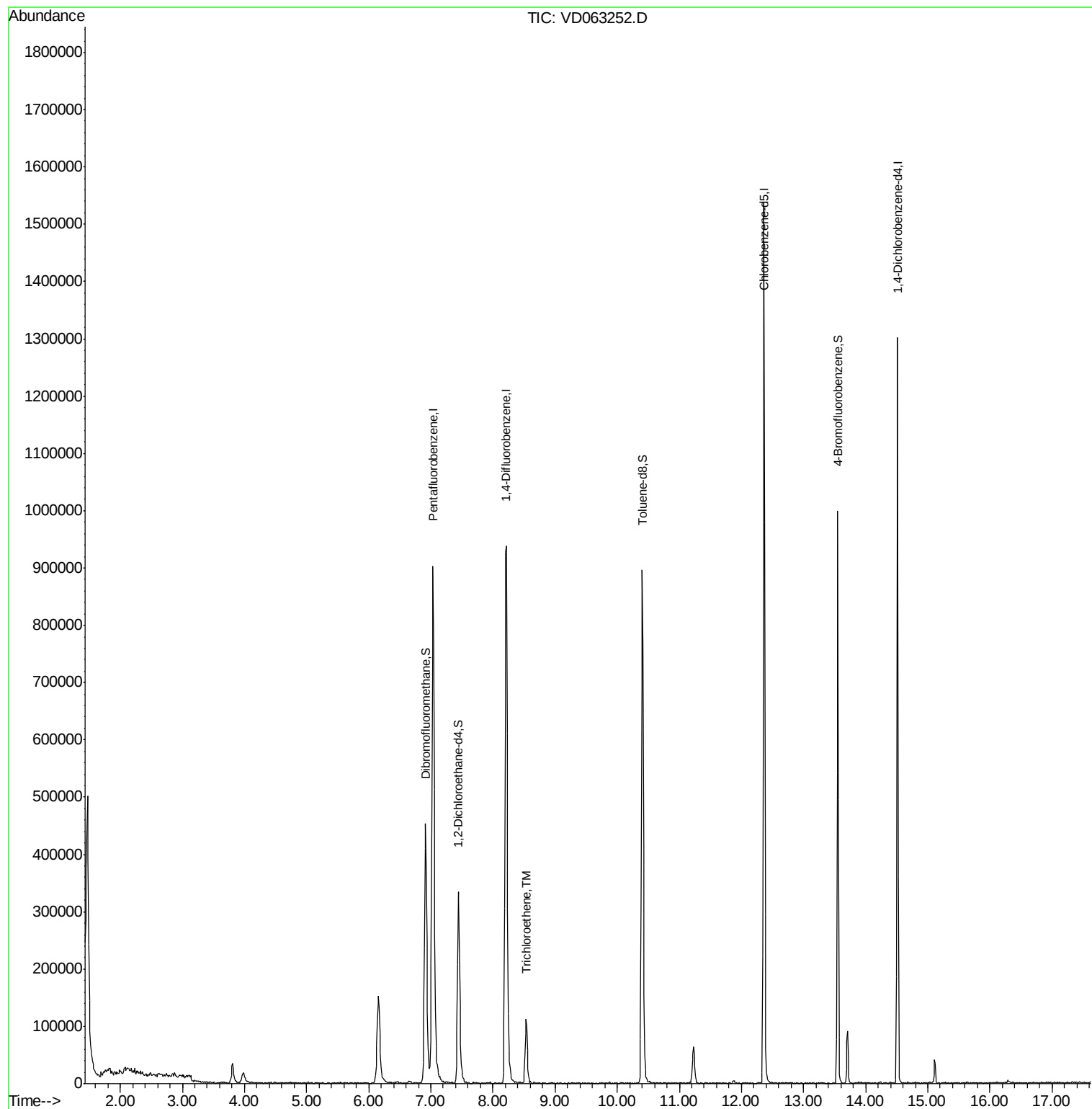
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	839258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1039079	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	767807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	291597	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	370536	39.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.58%	
35) Dibromofluoromethane	6.92	113	392271	44.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.44%	
50) Toluene-d8	10.40	98	725345	36.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.06%	
62) 4-Bromofluorobenzene	13.55	95	257139	28.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.84%	
Target Compounds						
44) Trichloroethene	8.53	130	48973	6.081	ug/l	Qvalue 83

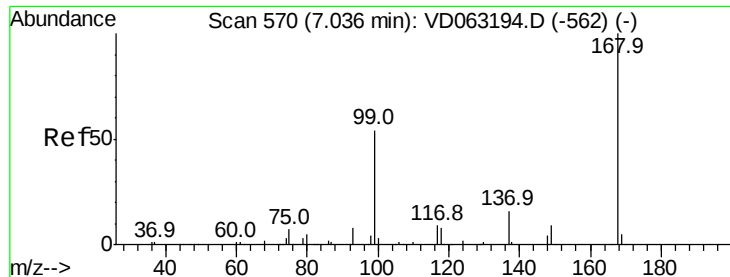
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD063252.D

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Instrument :

MSVOA_D

ClientSampleId :

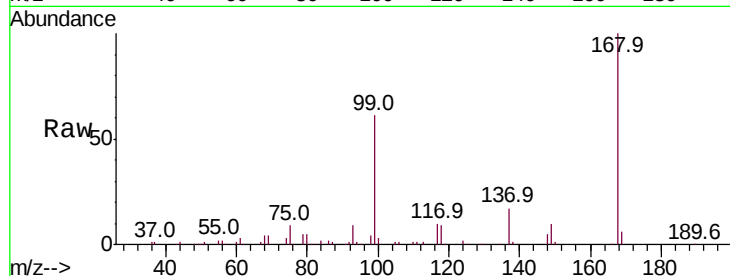
SP-8RE

Tot Ion:168 Resp: 839258

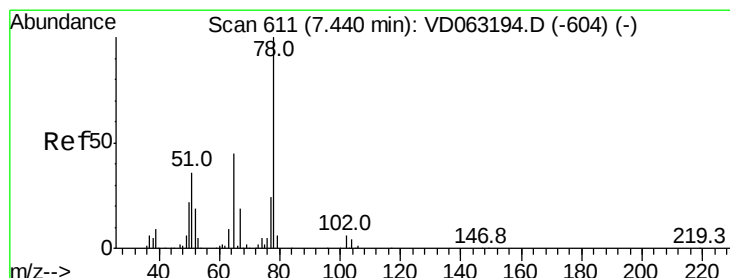
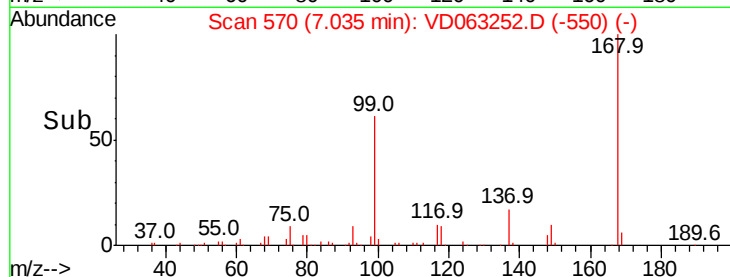
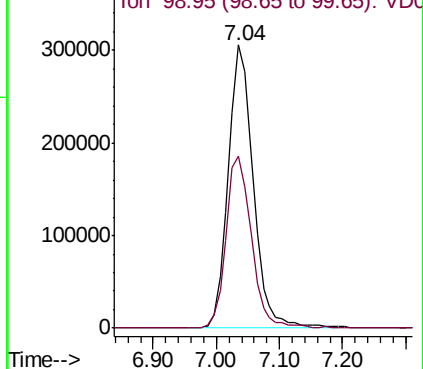
Ion Ratio Lower Upper

168 100

99 60.7 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V



#33

1,2-Dichloroethane-d4

Concen: 39.790 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063252.D

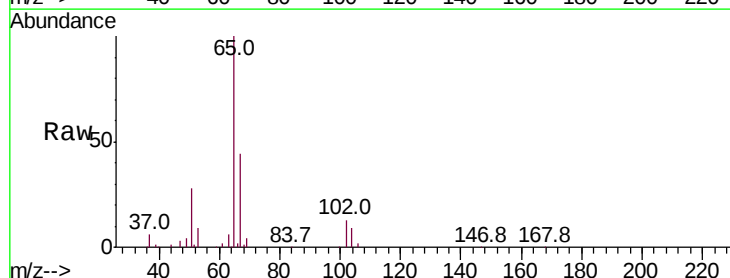
Acq: 30 Jul 2019 20:02

Tgt Ion: 65 Resp: 370536

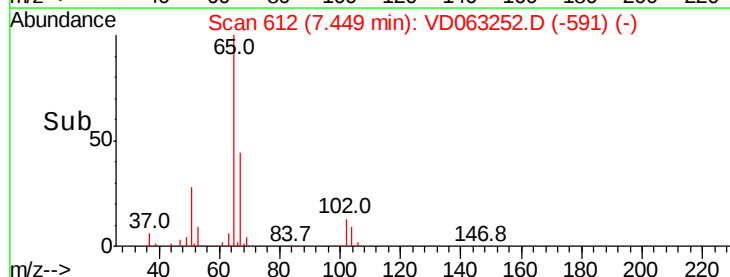
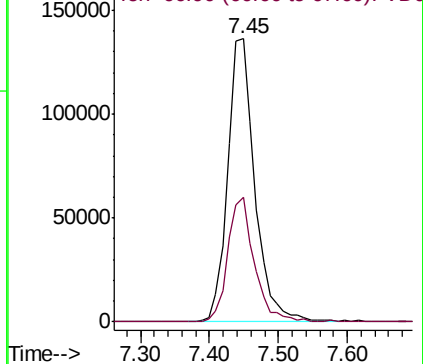
Ion Ratio Lower Upper

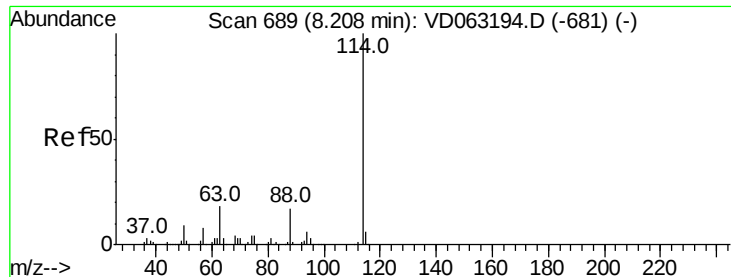
65 100

67 43.9 0.0 85.8



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: VD063252.D

Acq: 30 Jul 2019 20:02

Instrument :

MSVOA_D

ClientSampleId :

SP-8RE

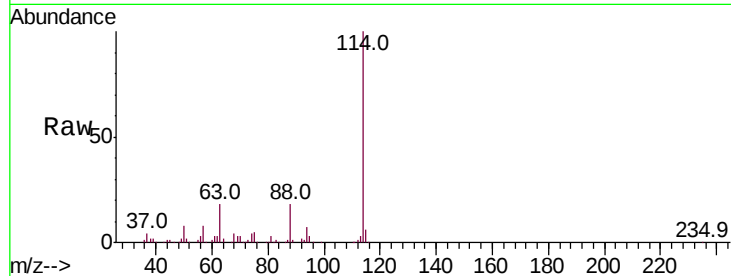
Tot Ion:114 Resp: 1039079

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.2

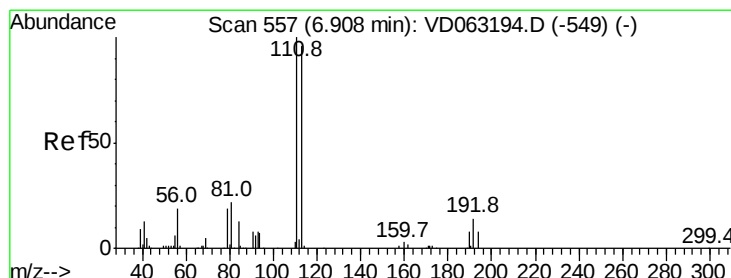
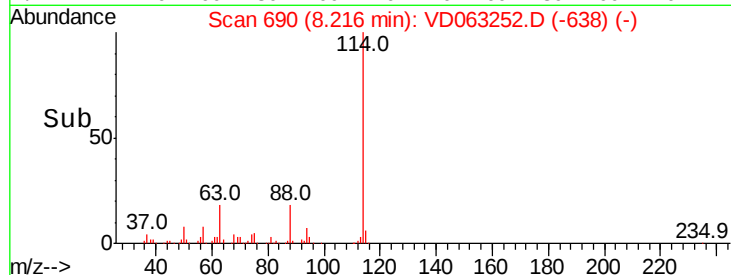
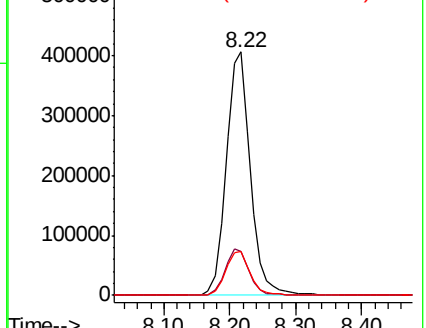
88 18.0 0.0 34.6



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: 44.217 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063252.D

Acq: 30 Jul 2019 20:02

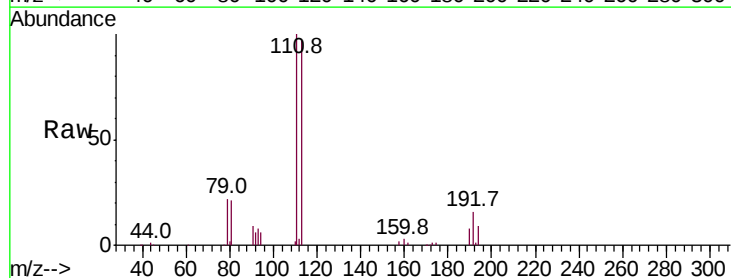
Tgt Ion:113 Resp: 392271

Ion Ratio Lower Upper

113 100

111 103.3 83.2 124.8

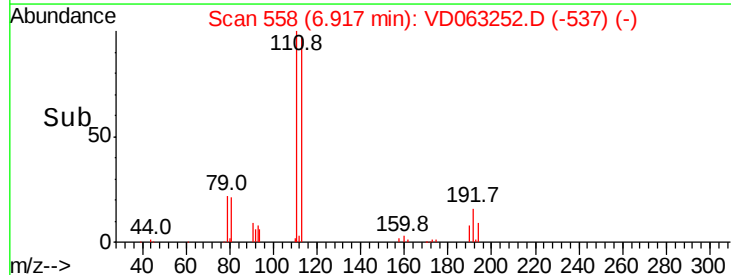
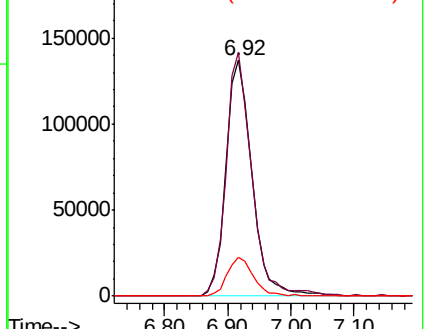
192 16.6 11.8 17.8

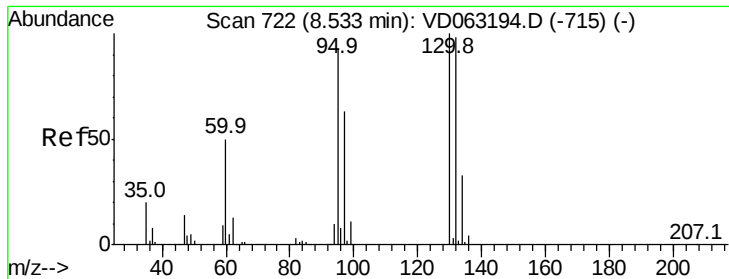


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

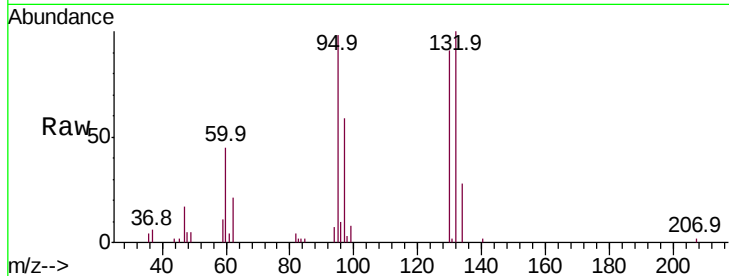




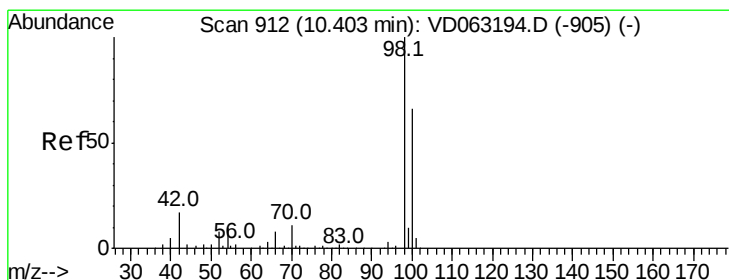
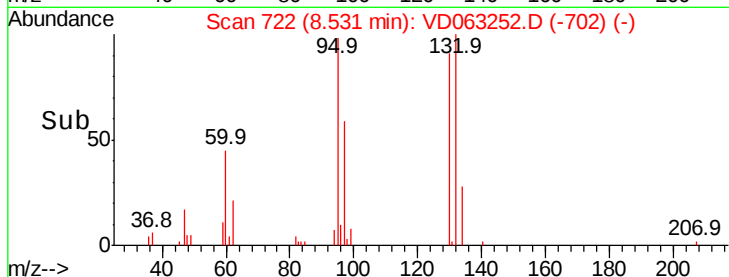
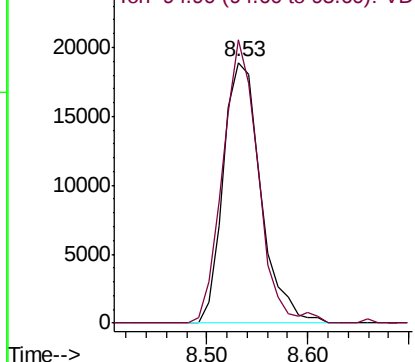
#44
 Trichloroethene
 Concen: 6.081 ug/l
 RT: 8.53 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: VD063252.D
 Acq: 30 Jul 2019 20:02

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-8RE

Tot Ion:130 Resp: 48973
 Ion Ratio Lower Upper
 130 100
 95 108.6 0.0 185.4

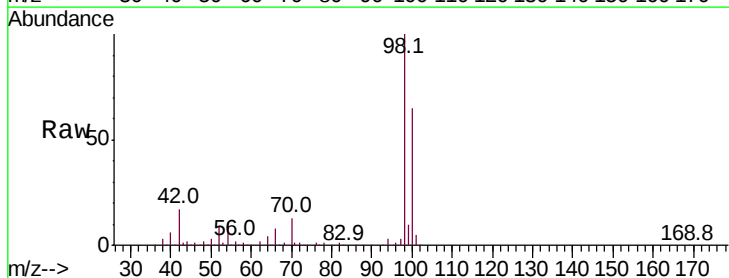


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VDC

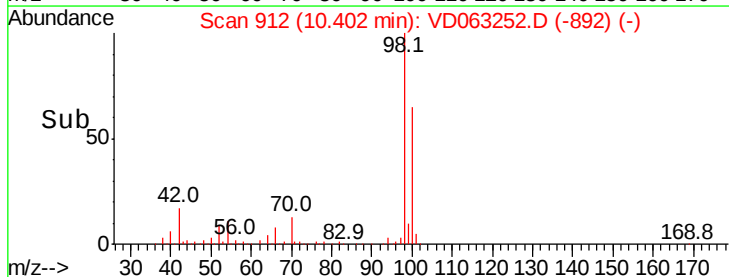
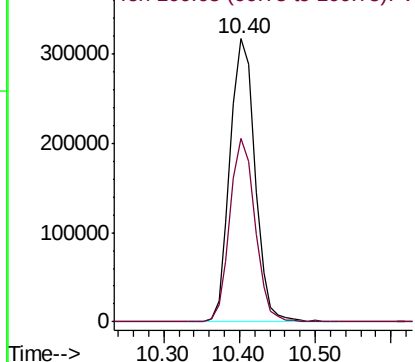


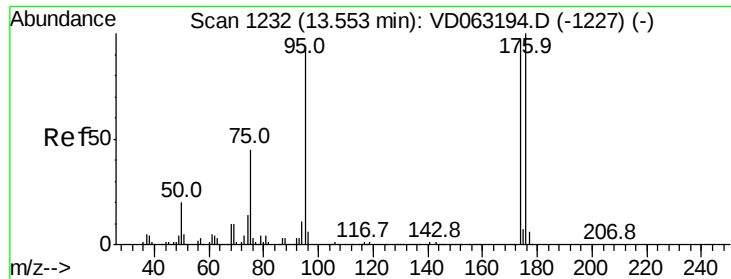
#50
 Toluene-d8
 Concen: 36.533 ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: VD063252.D
 Acq: 30 Jul 2019 20:02

Tgt Ion: 98 Resp: 725345
 Ion Ratio Lower Upper
 98 100
 100 64.9 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: 28.421 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063252.D

Acq: 30 Jul 2019 20:02

Instrument :

MSVOA_D

ClientSampleId :

SP-8RE

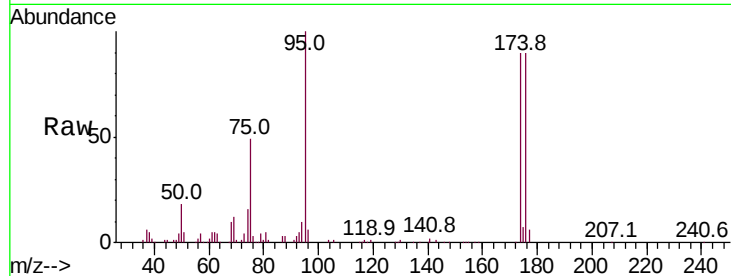
Tot Ion: 95 Resp: 257139

Ion Ratio Lower Upper

95 100

174 89.5 0.0 205.4

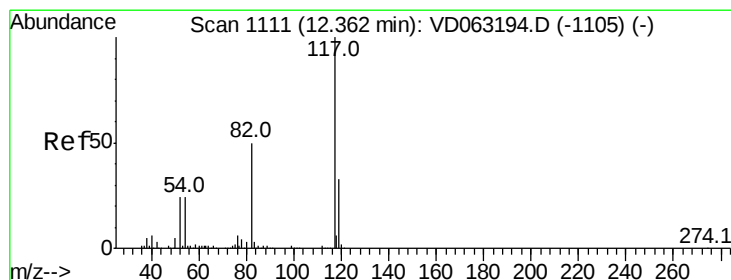
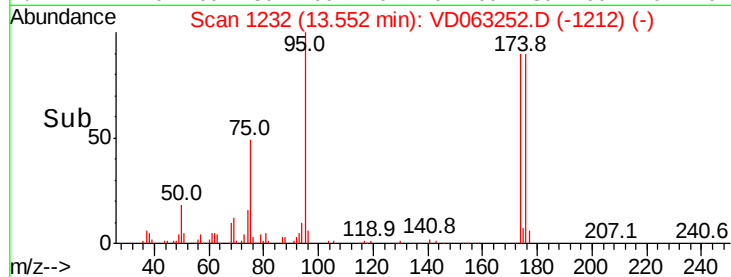
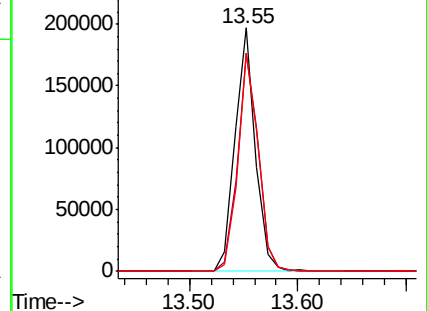
176 89.6 0.0 211.8



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: 12.36 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD063252.D

Acq: 30 Jul 2019 20:02

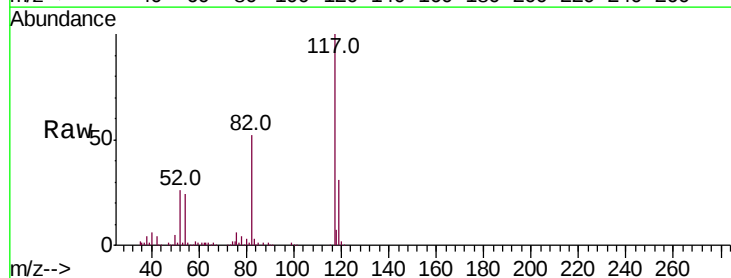
Tgt Ion: 117 Resp: 767807

Ion Ratio Lower Upper

117 100

82 52.1 40.1 60.1

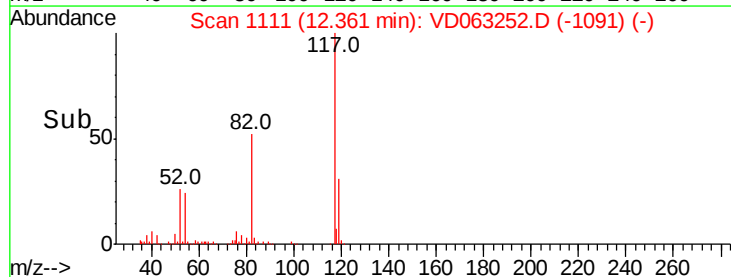
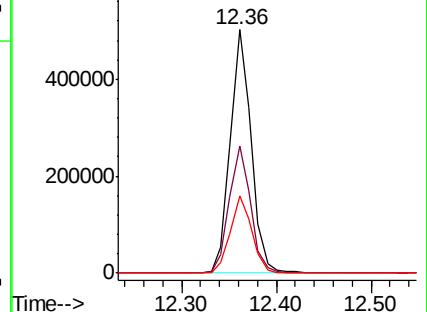
119 31.5 26.5 39.7

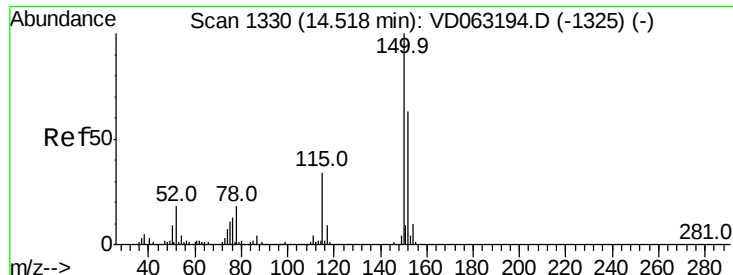


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063252.D

Acq: 30 Jul 2019 20:02

Instrument :

MSVOA_D

ClientSampleId :

SP-8RE

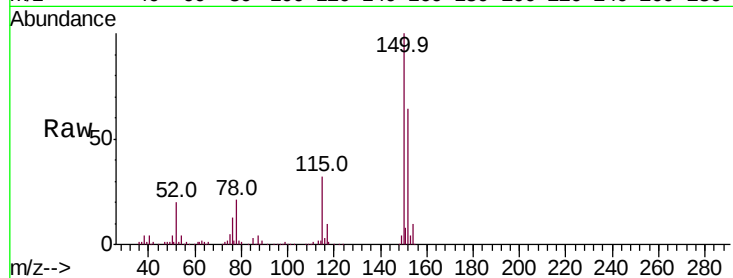
Tot Ion:152 Resp: 291597

Ion Ratio Lower Upper

152 100

115 50.8 27.5 82.4

150 157.1 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

