

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080319\
 Data File : VD063363.D
 Acq On : 3 Aug 2019 16:02
 Operator : VA/AP
 Sample : K4136-09
 Misc : 5.20g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1S-C3-(30)

Quant Time: Aug 04 06:37:50 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

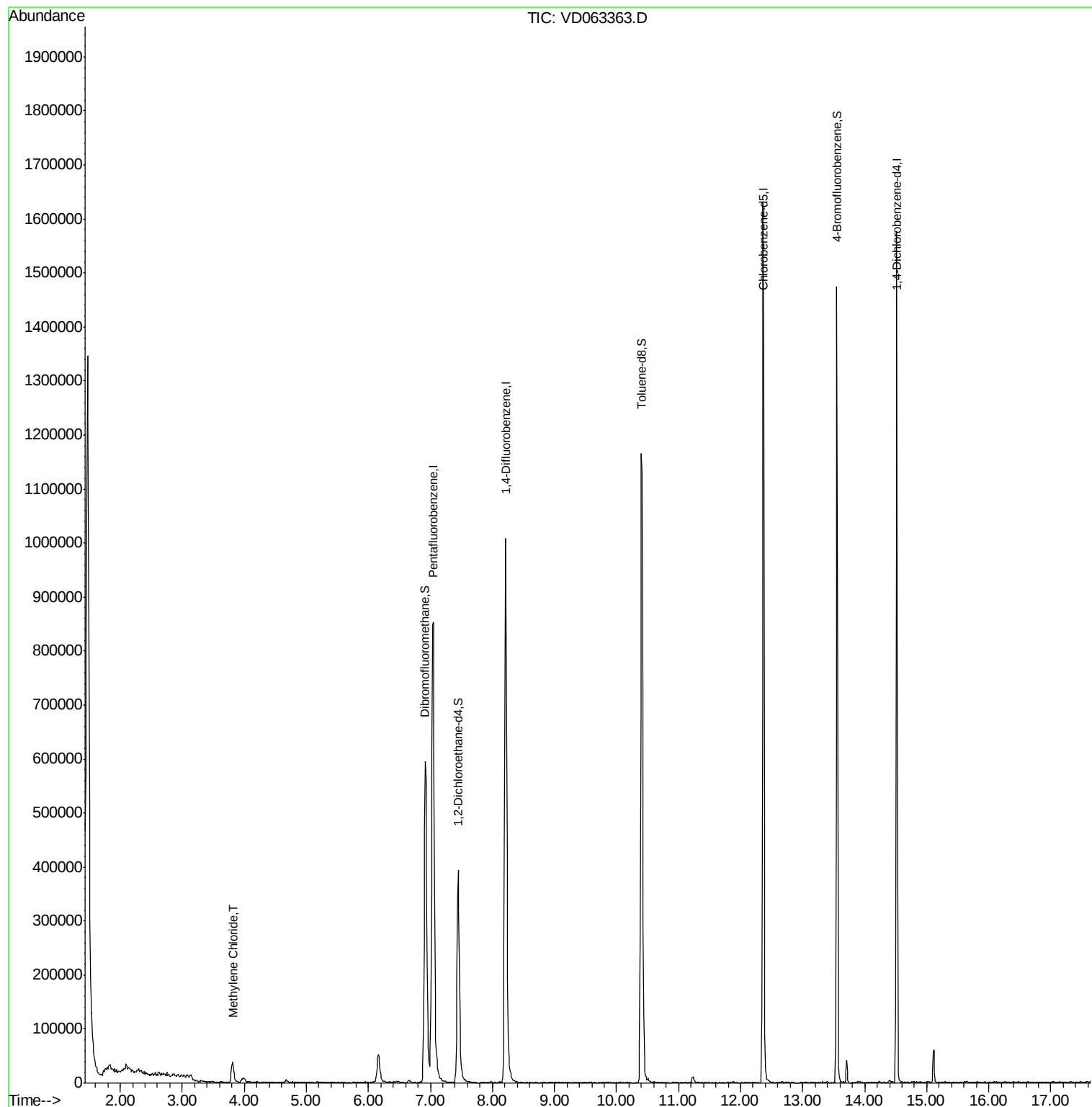
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	847115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1124108	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	873697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	326530	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	455689	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
35) Dibromofluoromethane	6.92	113	519594	54.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.28%	
50) Toluene-d8	10.40	98	974202	45.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.72%	
62) 4-Bromofluorobenzene	13.55	95	382308	39.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.12%	
Target Compounds						
20) Methylene Chloride	3.81	84	22385	3.024	ug/l	Qvalue 93

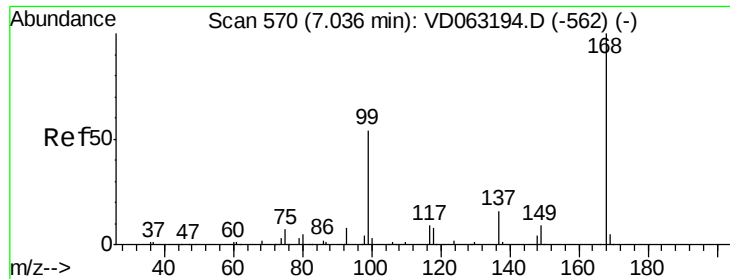
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

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MSVOA_D

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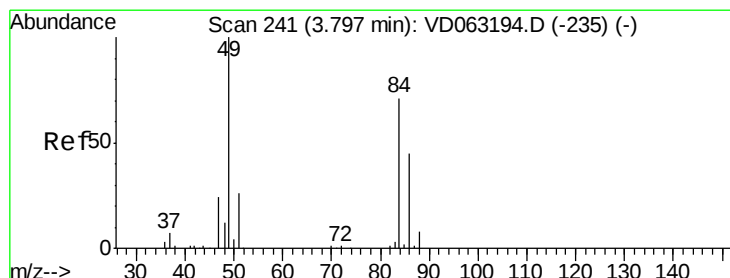
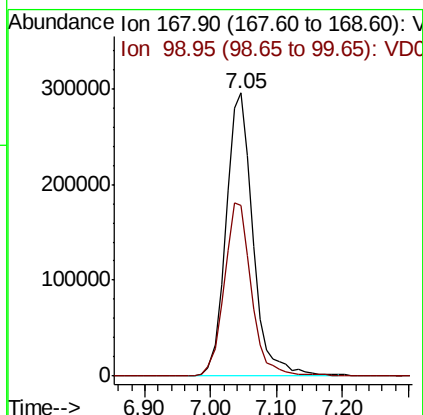
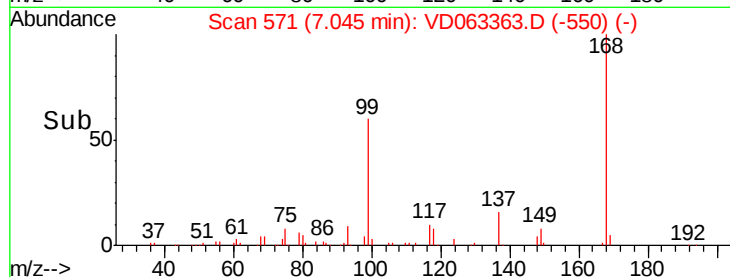
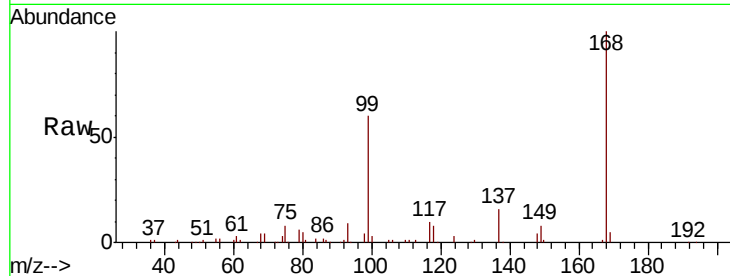
1S-C3-(30)

Tot Ion:168 Resp: 847115

Ion Ratio Lower Upper

168 100

99 60.2 43.7 65.5



#20

Methylene Chloride

Concen: 3.024 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD063363.D

Acq: 3 Aug 2019 16:02

Tgt Ion: 84 Resp: 22385

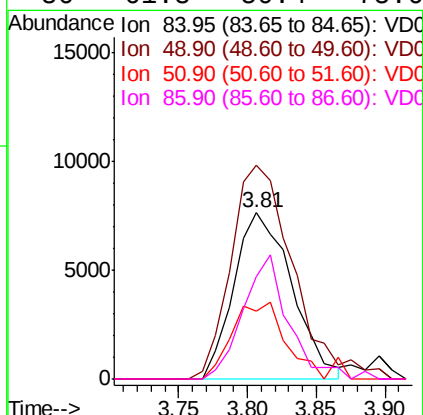
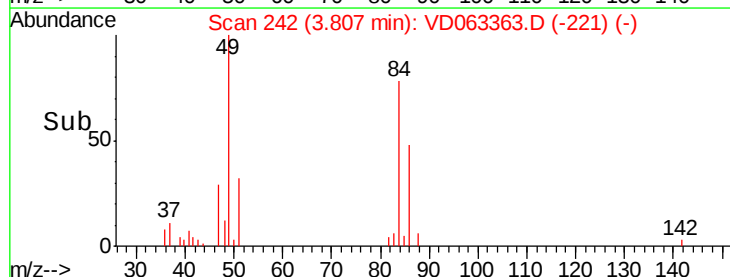
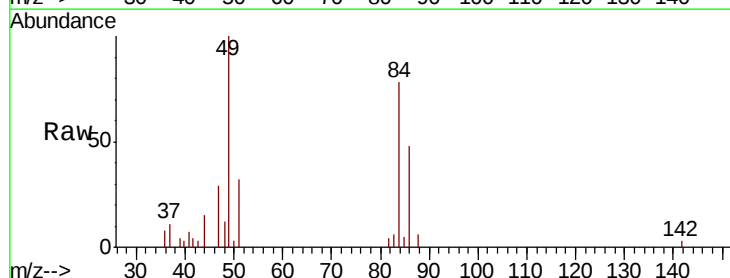
Ion Ratio Lower Upper

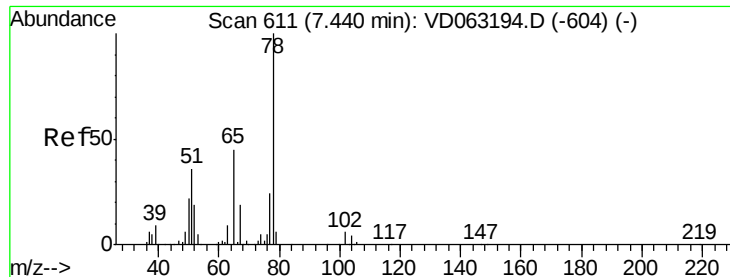
84 100

49 128.4 112.5 168.7

51 40.8 29.6 44.4

86 61.8 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 48.480 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063363.D

Acq: 3 Aug 2019 16:02

Instrument :

MSVOA_D

ClientSampleId :

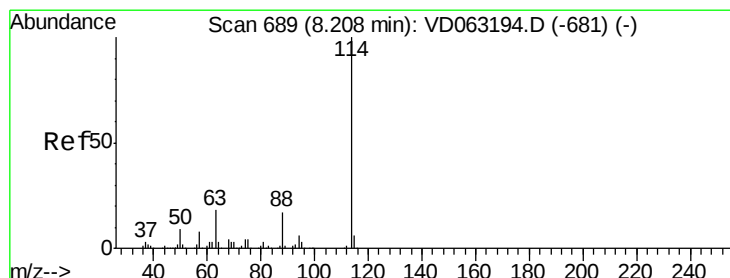
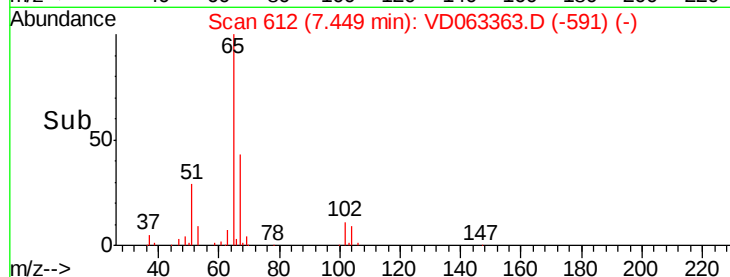
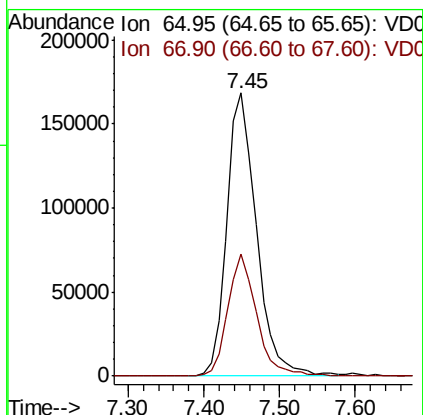
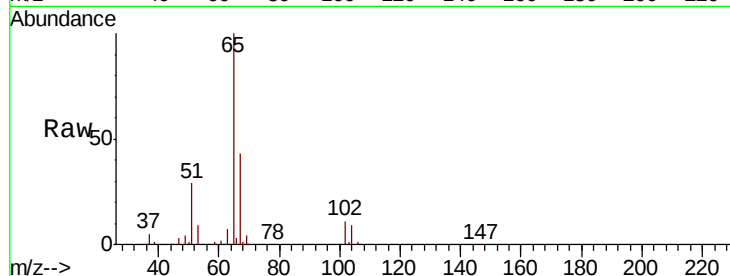
1S-C3-(30)

Tot Ion: 65 Resp: 455689

Ion Ratio Lower Upper

65 100

67 43.1 0.0 85.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD063363.D

Acq: 3 Aug 2019 16:02

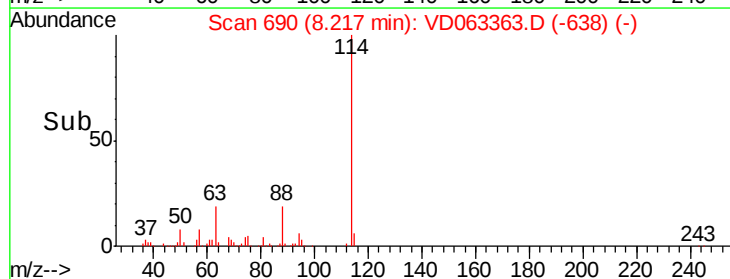
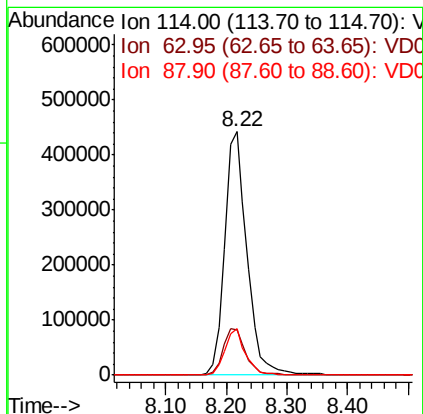
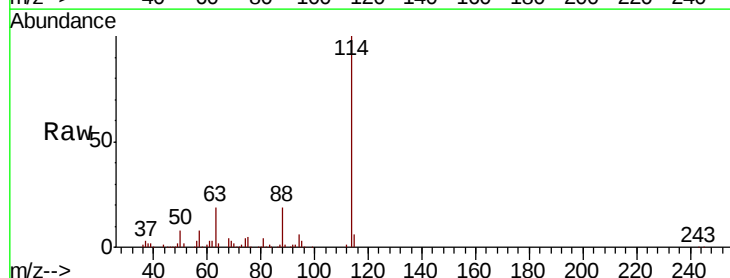
Tgt Ion: 114 Resp: 1124108

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.2

88 18.9 0.0 34.6

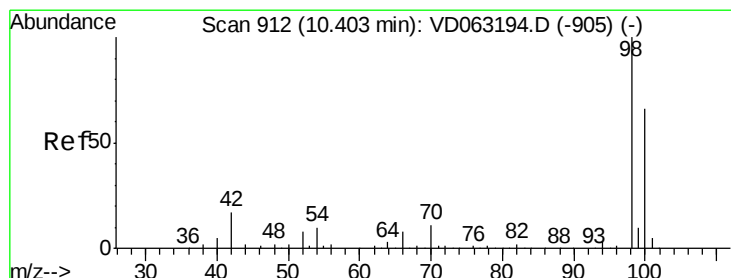
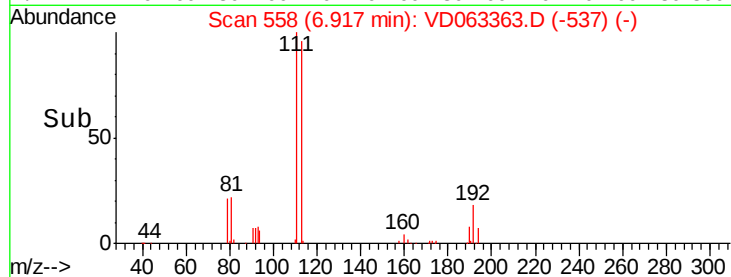
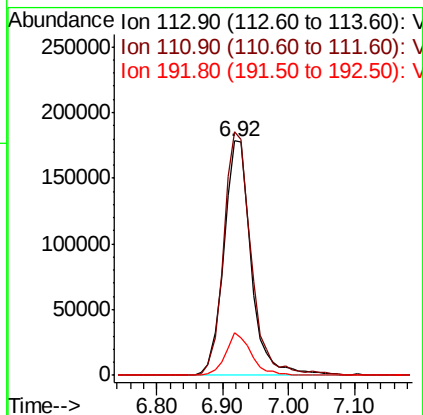
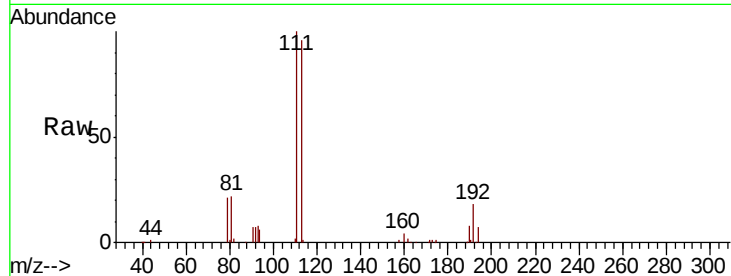




#35
Dibromofluoromethane
Concen: 54.139 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.01 min
Lab File: VD063363.D
Acq: 3 Aug 2019 16:02

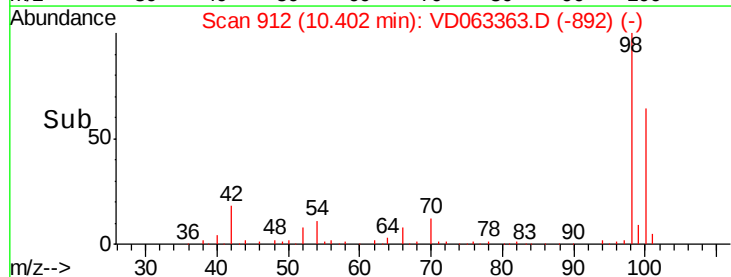
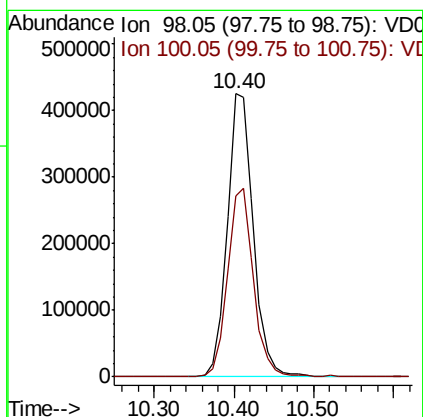
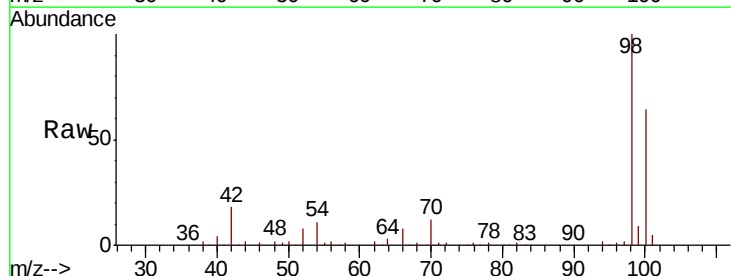
Instrument :
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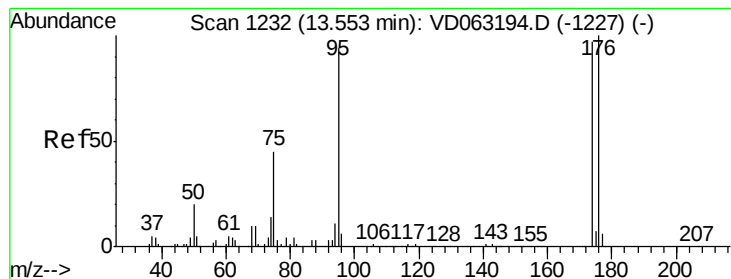
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.2	124.8
192	18.3	11.8	17.8#



#50
Toluene-d8
Concen: 45.356 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD063363.D
Acq: 3 Aug 2019 16:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	53.2	79.8





#62

4-Bromofluorobenzene

Concen: 39.059 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063363.D

Acq: 3 Aug 2019 16:02

Instrument :

MSVOA_D

ClientSampleId :

1S-C3-(30)

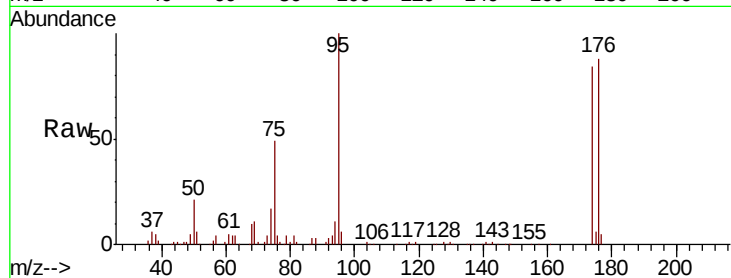
Tot Ion: 95 Resp: 382308

Ion Ratio Lower Upper

95 100

174 83.9 0.0 205.4

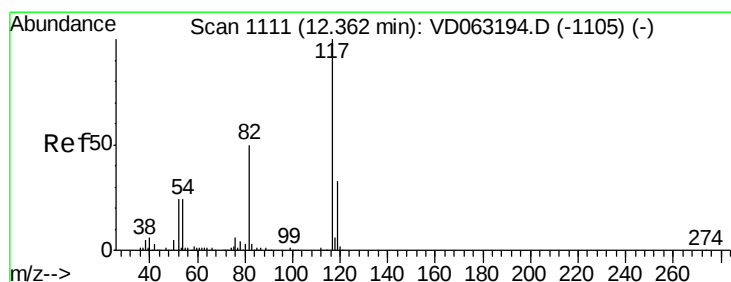
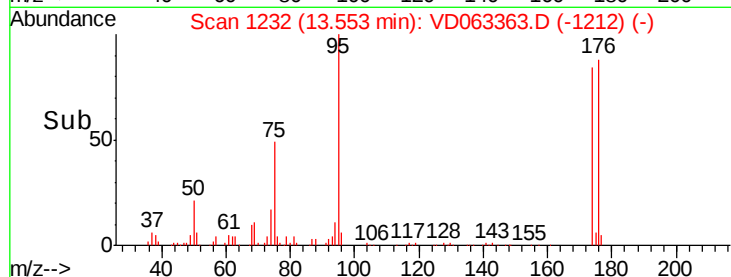
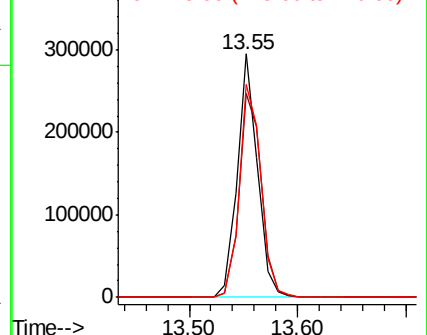
176 87.6 0.0 211.8



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: VD063363.D

Acq: 3 Aug 2019 16:02

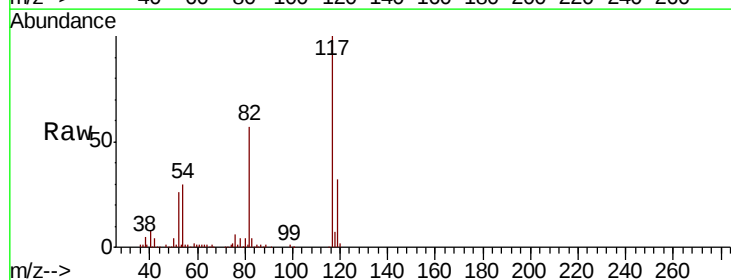
Tgt Ion: 117 Resp: 873697

Ion Ratio Lower Upper

117 100

82 57.0 40.1 60.1

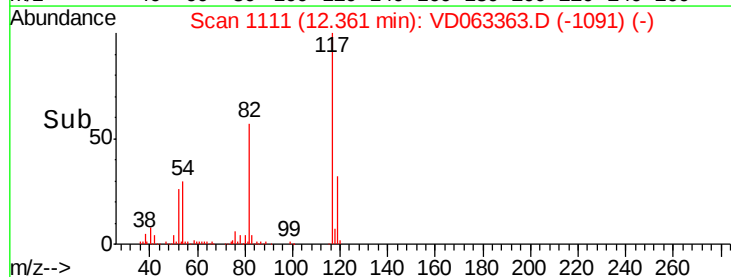
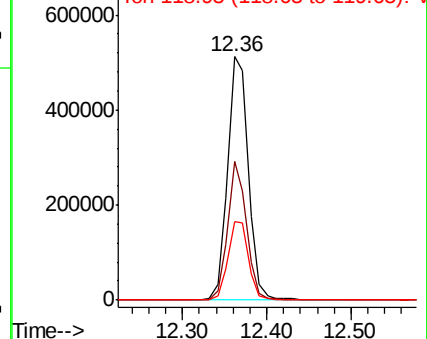
119 32.1 26.5 39.7

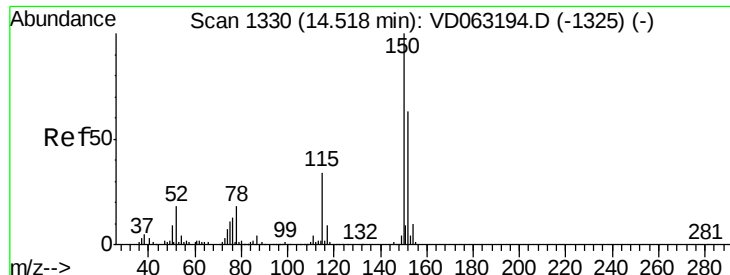


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063363.D

Acq: 3 Aug 2019 16:02

Instrument :

MSVOA_D

ClientSampleId :

1S-C3-(30)

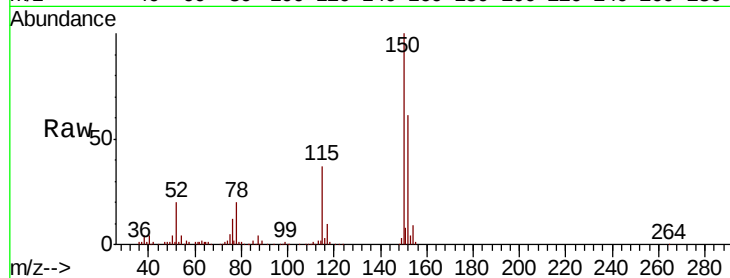
Tot Ion:152 Resp: 326530

Ion Ratio Lower Upper

152 100

115 59.9 27.5 82.4

150 163.8 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

