

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063338.D
 Acq On : 3 Aug 2019 2:49
 Operator : VA/AP
 Sample : K4130-16
 Misc : 5.94g/5ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Aug 04 05:00:48 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

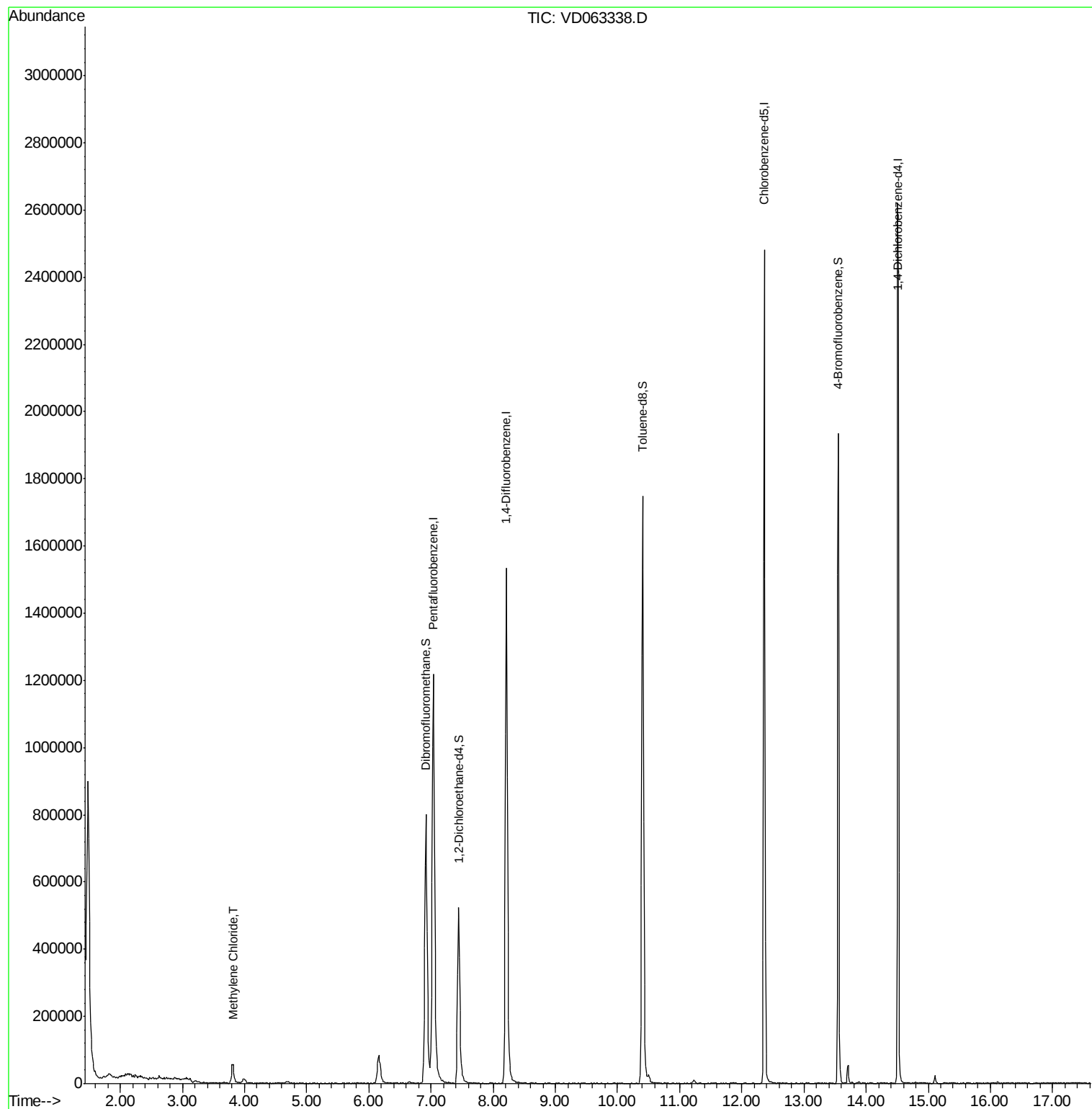
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1160546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1659719	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1269264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	613741	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	600865	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
35) Dibromofluoromethane	6.92	113	681631	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
50) Toluene-d8	10.40	98	1434622	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	
62) 4-Bromofluorobenzene	13.55	95	564866	39.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.18%	
Target Compounds						
20) Methylene Chloride	3.82	84	36073	3.557	ug/l	Qvalue 95

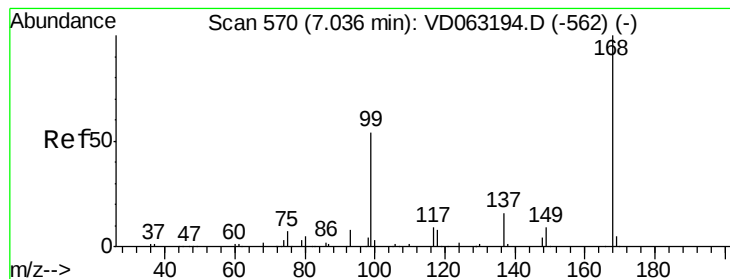
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

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MSVOA_D

ClientSampleId :

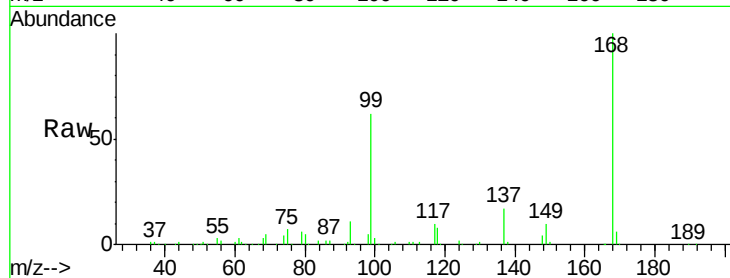
1S-L-(30)

Tot Ion:168 Resp: 1160546

Ion Ratio Lower Upper

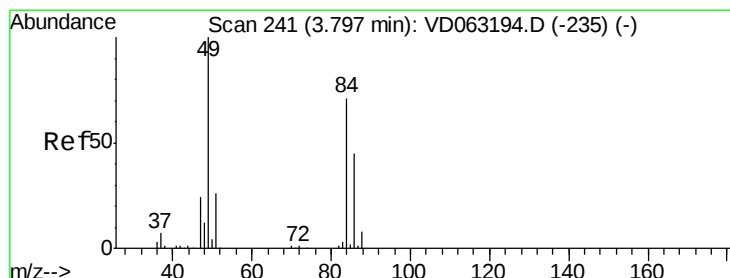
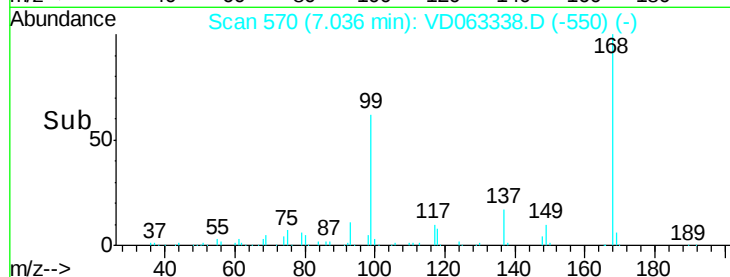
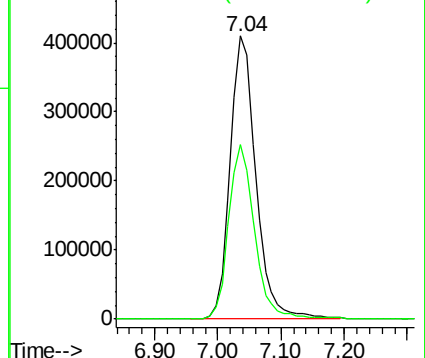
168 100

99 61.7 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 3.557 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD063338.D

Acq: 3 Aug 2019 2:49

Tgt Ion: 84 Resp: 36073

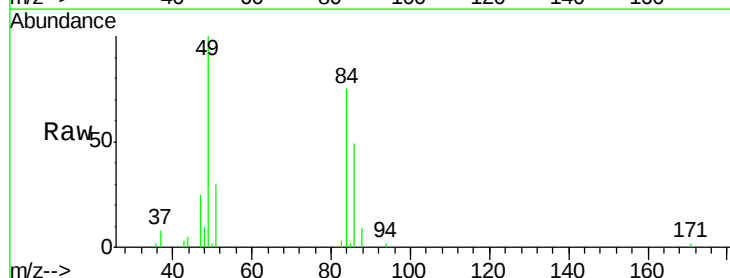
Ion Ratio Lower Upper

84 100

49 133.6 112.5 168.7

51 40.6 29.6 44.4

86 65.8 50.4 75.6

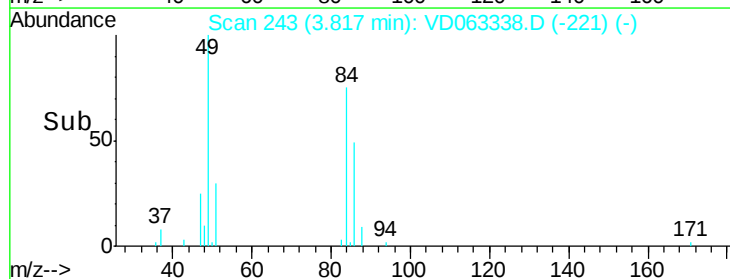
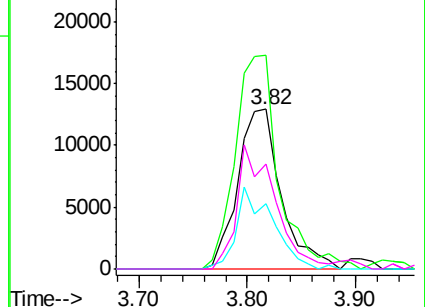


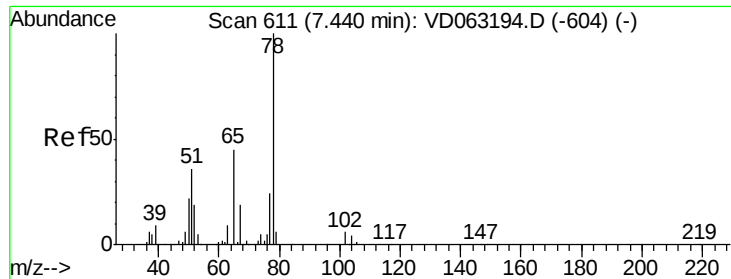
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 46.661 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063338.D

Acq: 3 Aug 2019 2:49

Instrument :

MSVOA_D

ClientSampleId :

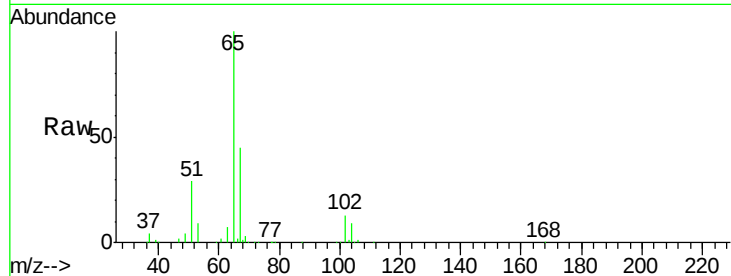
1S-L-(30)

Tot Ion: 65 Resp: 600865

Ion Ratio Lower Upper

65 100

67 44.6 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

250000

200000

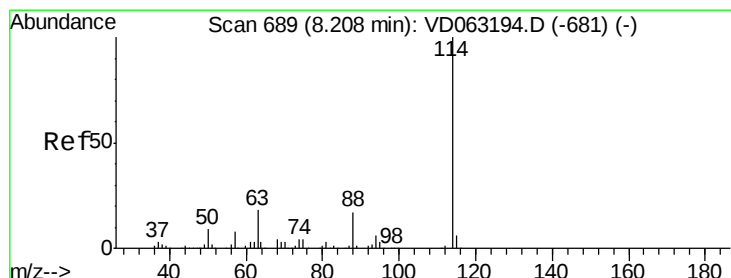
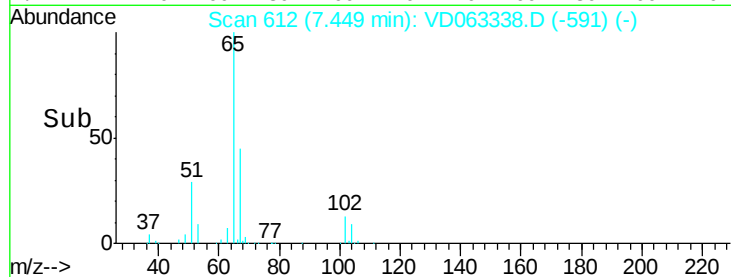
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.00 min

Lab File: VD063338.D

Acq: 3 Aug 2019 2:49

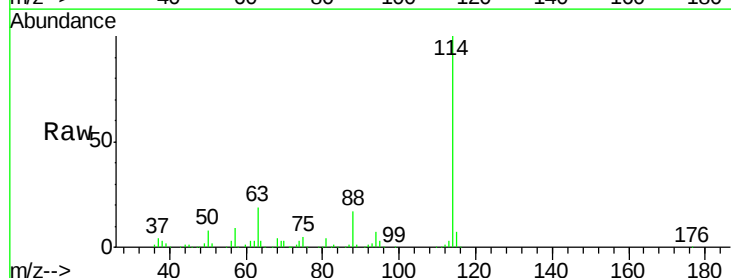
Tgt Ion: 114 Resp: 1659719

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.2

88 16.8 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

8.21

800000

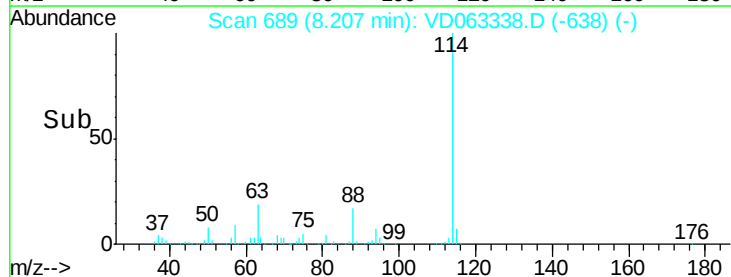
600000

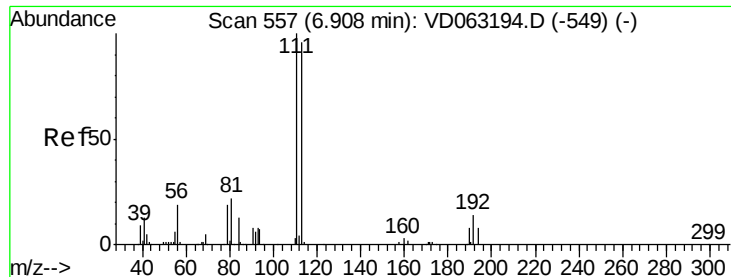
400000

200000

0

Time--> 8.10 8.20 8.30 8.40

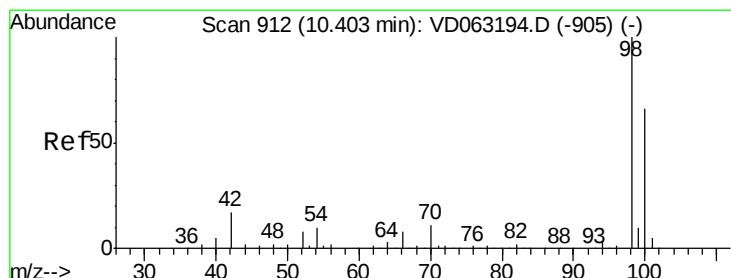
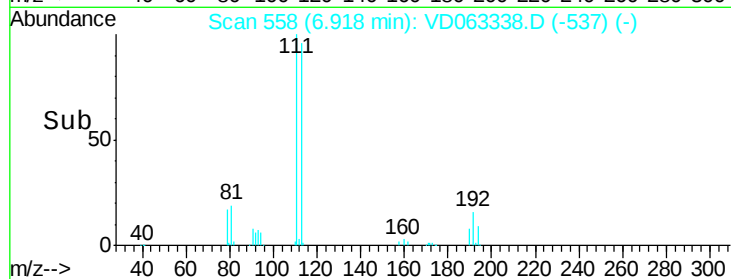
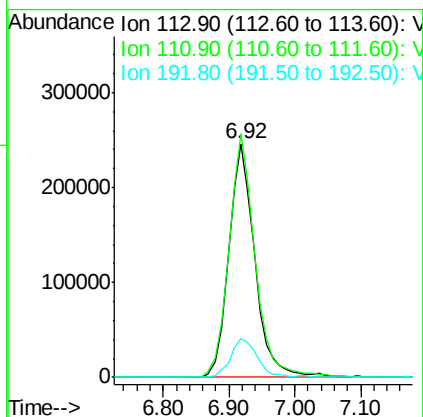
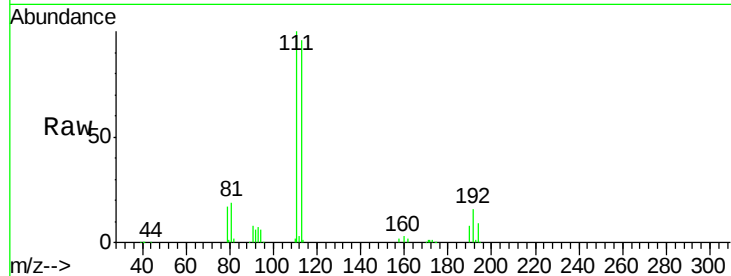




#35
Dibromofluoromethane
Concen: 48.102 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.01 min
Lab File: VD063338.D
Acq: 3 Aug 2019 2:49

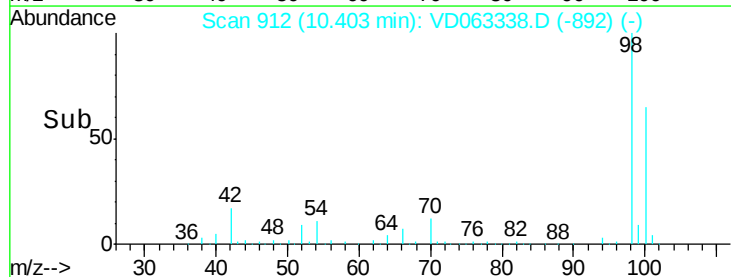
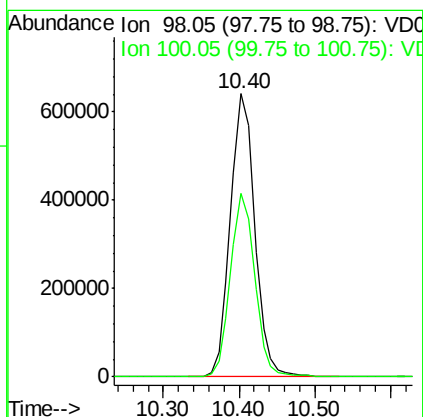
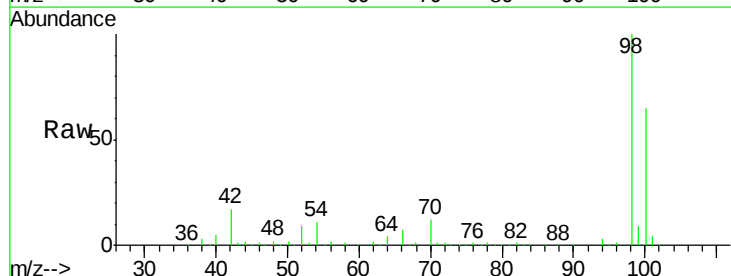
Instrument :
MSVOA_D
ClientSampleId :
1S-L-(30)

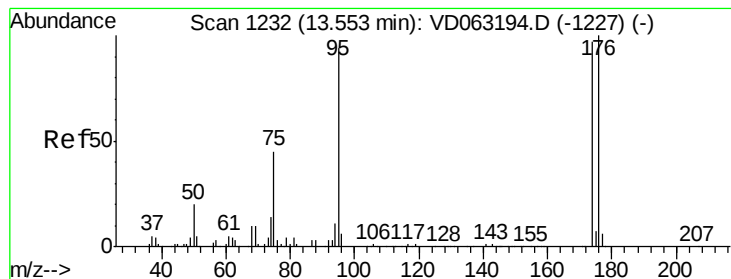
Tot Ion:113 Resp: 681631
Ion Ratio Lower Upper
113 100
111 104.1 83.2 124.8
192 16.7 11.8 17.8



#50
Toluene-d8
Concen: 45.237 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD063338.D
Acq: 3 Aug 2019 2:49

Tgt Ion: 98 Resp: 1434622
Ion Ratio Lower Upper
98 100
100 64.8 53.2 79.8





#62

4-Bromofluorobenzene

Concen: 39.087 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063338.D

Acq: 3 Aug 2019 2:49

Instrument :

MSVOA_D

ClientSampleId :

1S-L-(30)

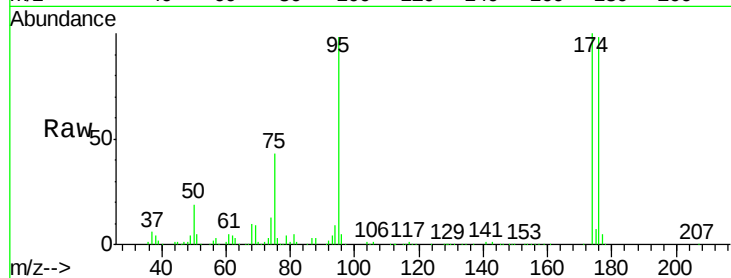
Tot Ion: 95 Resp: 564866

Ion Ratio Lower Upper

95 100

174 101.9 0.0 205.4

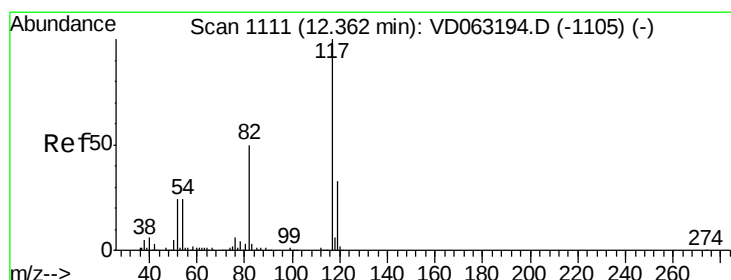
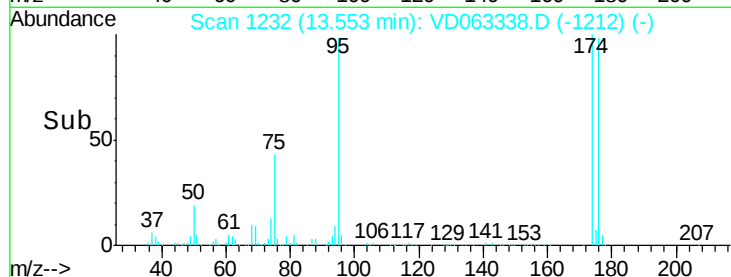
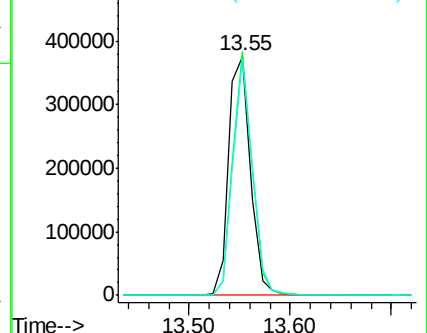
176 99.5 0.0 211.8



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: VD063338.D

Acq: 3 Aug 2019 2:49

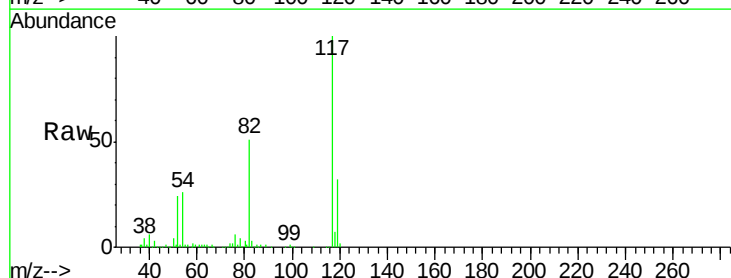
Tgt Ion: 117 Resp: 1269264

Ion Ratio Lower Upper

117 100

82 51.4 40.1 60.1

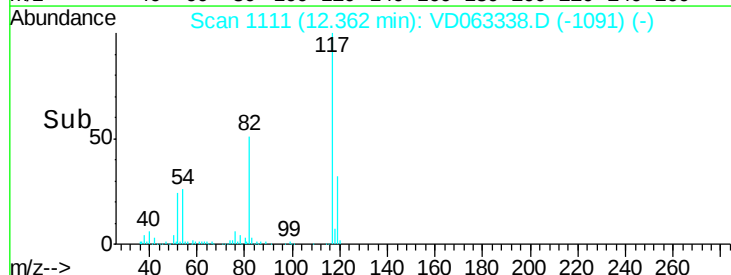
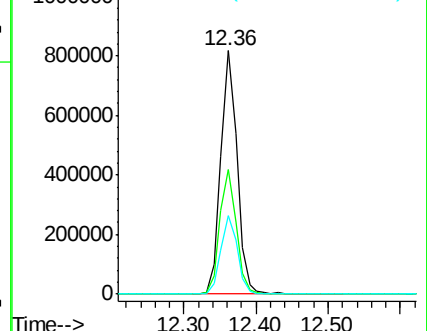
119 32.1 26.5 39.7

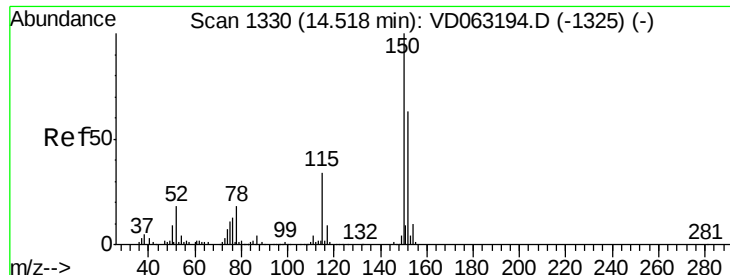


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063338.D

Acq: 3 Aug 2019 2:49

Instrument :

MSVOA_D

ClientSampleId :

1S-L-(30)

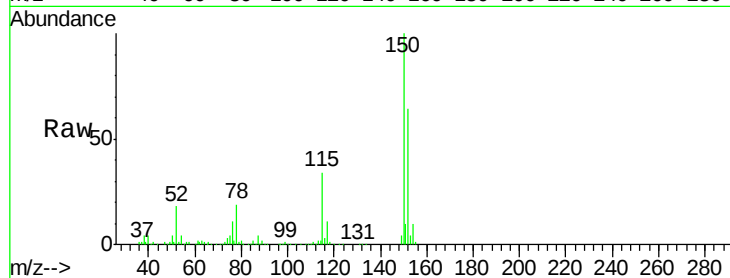
Tot Ion:152 Resp: 613741

Ion Ratio Lower Upper

152 100

115 53.3 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

