

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080319\
 Data File : VD063357.D
 Acq On : 3 Aug 2019 13:19
 Operator : VA/AP
 Sample : K4136-02
 Misc : 5.31g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1S-C1-(0-1)

Quant Time: Aug 04 06:21:11 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

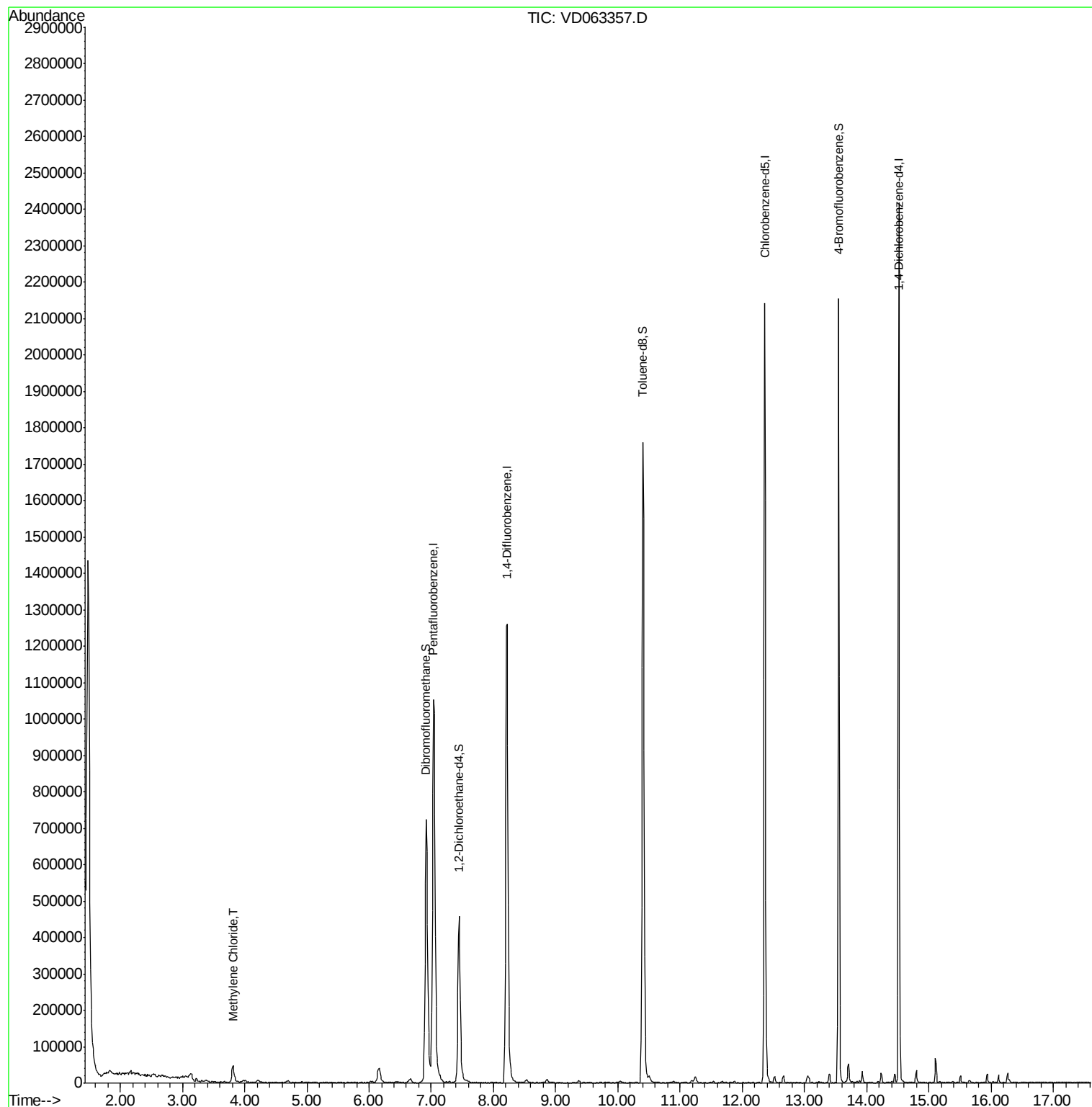
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1060243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1452708	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1154804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	521267	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	503951	42.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.68%	
35) Dibromofluoromethane	6.92	113	643468	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
50) Toluene-d8	10.40	98	1436133	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	13.55	95	586544	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
Target Compounds						
20) Methylene Chloride	3.81	84	29231	3.155	ug/l #	93

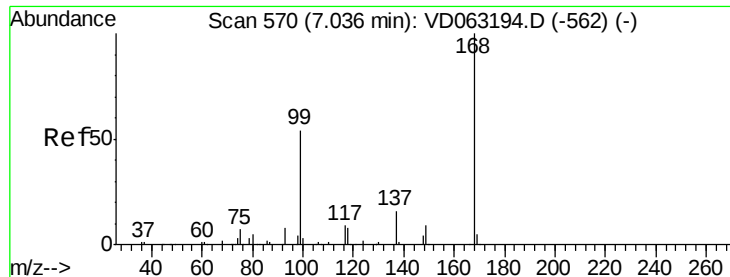
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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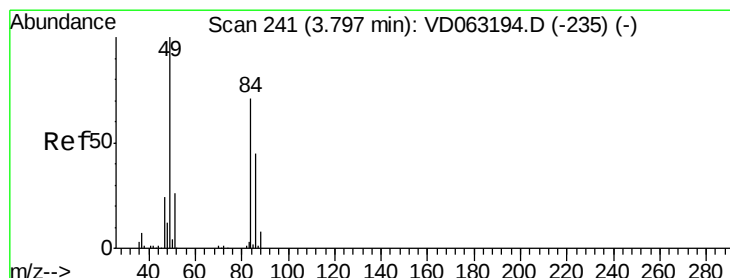
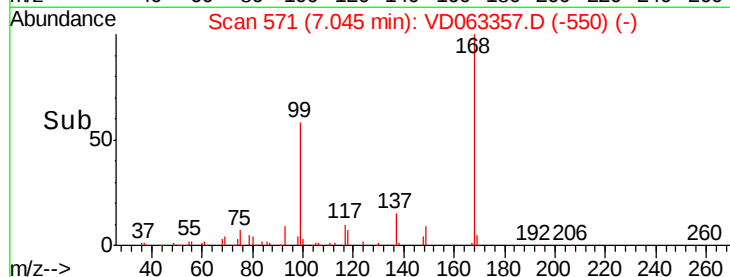
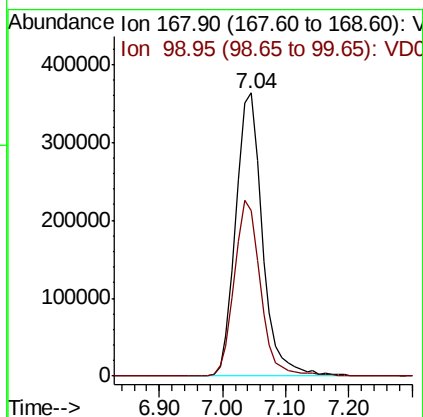
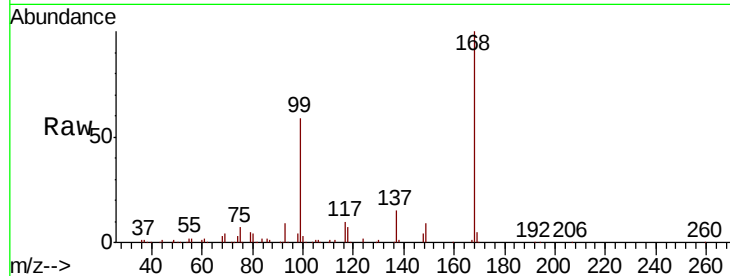


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VD063357.D
 Acq: 3 Aug 2019 13:19

Instrument :
 MSVOA_D
 ClientSampleId :
 1S-C1-(0-1)

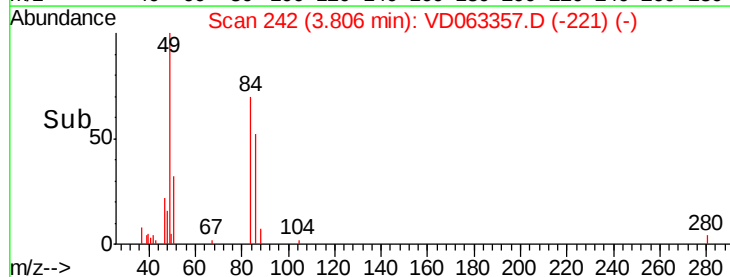
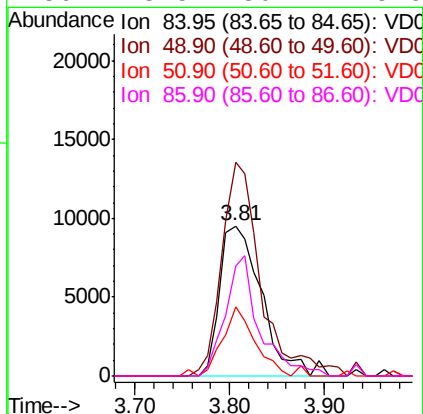
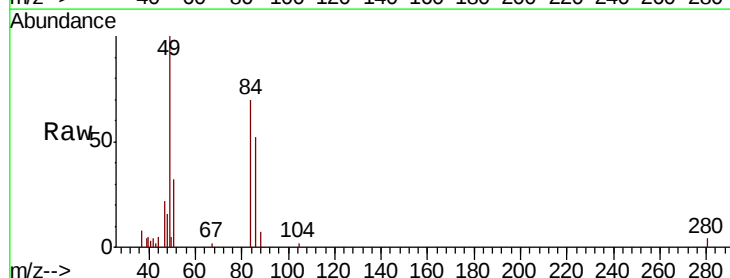
Tot Ion:168 Resp: 1060243
 Ion Ratio Lower Upper
 168 100
 99 58.5 43.7 65.5

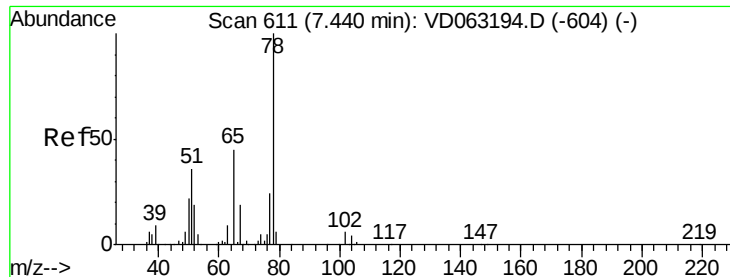


#20

Methylene Chloride
 Concen: 3.155 ug/l
 RT: 3.81 min Scan# 242
 Delta R.T. 0.01 min
 Lab File: VD063357.D
 Acq: 3 Aug 2019 13:19

Tgt Ion: 84 Resp: 29231
 Ion Ratio Lower Upper
 84 100
 49 142.2 112.5 168.7
 51 45.9 29.6 44.4#
 86 73.5 50.4 75.6

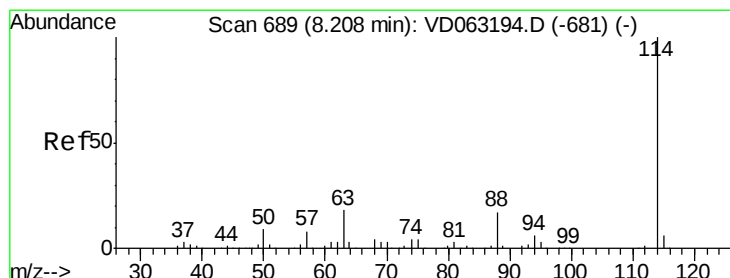
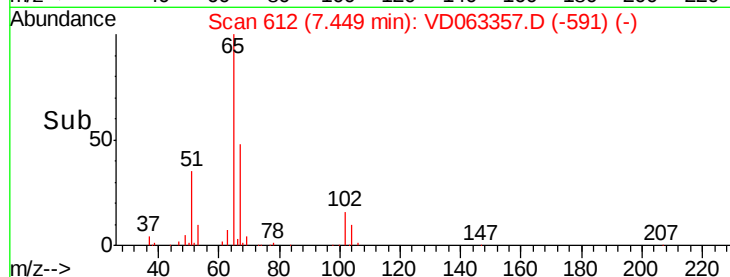
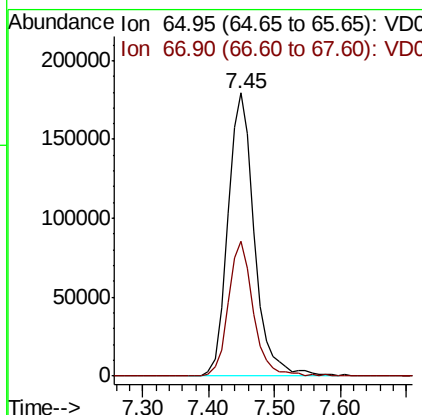
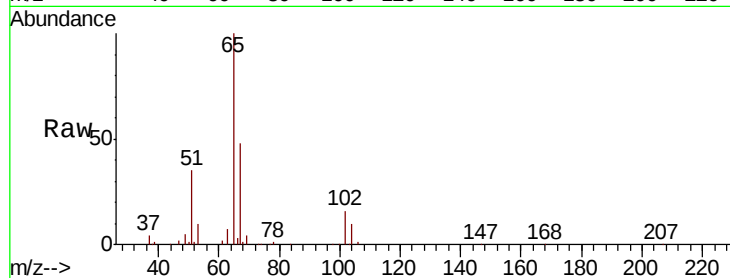




#33
 1,2-Dichloroethane-d4
 Concen: 42.837 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: VD063357.D
 Acq: 3 Aug 2019 13:19

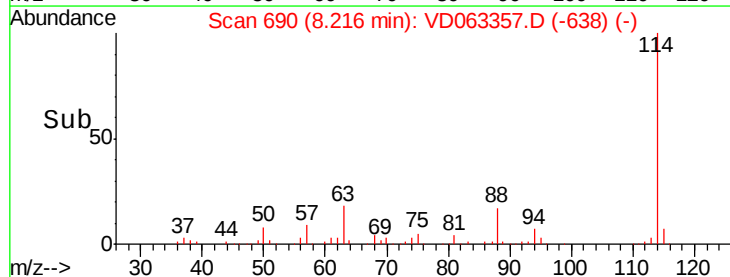
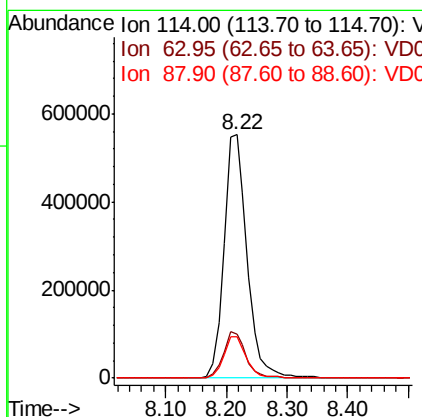
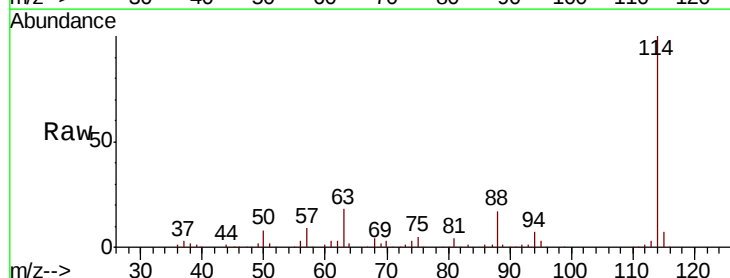
Instrument :
 MSVOA_D
 ClientSampleId :
 1S-C1-(0-1)

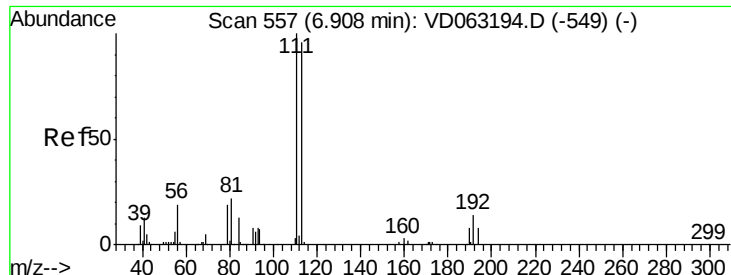
Tot Ion: 65 Resp: 503951
 Ion Ratio Lower Upper
 65 100
 67 47.5 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD063357.D
 Acq: 3 Aug 2019 13:19

Tgt Ion: 114 Resp: 1452708
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.2
 88 17.2 0.0 34.6





#35

Dibromofluoromethane

Concen: 51.880 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063357.D

Acq: 3 Aug 2019 13:19

Instrument :

MSVOA_D

ClientSampleId :

1S-C1-(0-1)

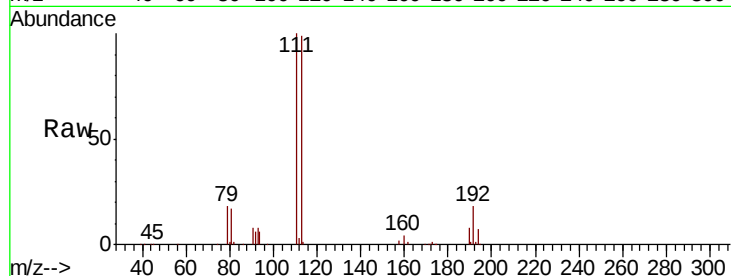
Tot Ion:113 Resp: 643468

Ion Ratio Lower Upper

113 100

111 101.4 83.2 124.8

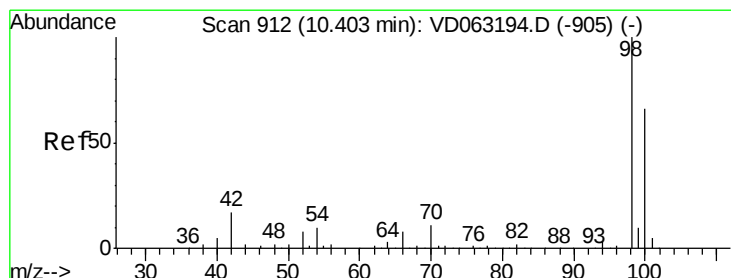
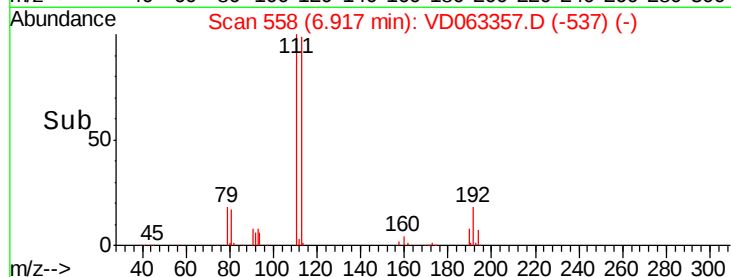
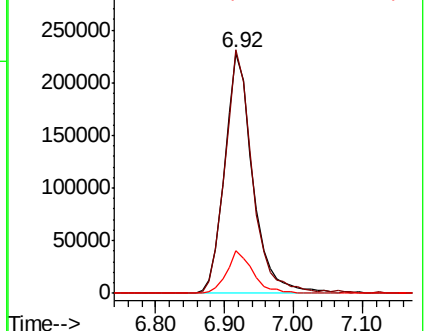
192 17.8 11.8 17.8



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



#50

Toluene-d8

Concen: 51.738 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD063357.D

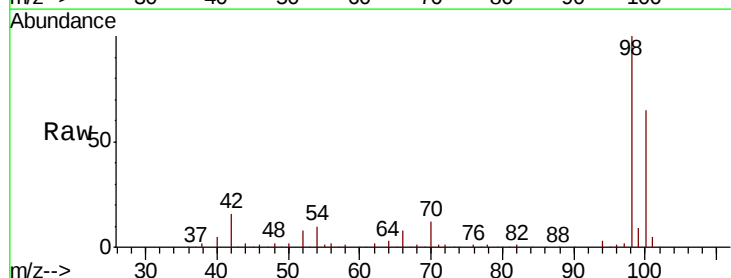
Acq: 3 Aug 2019 13:19

Tgt Ion: 98 Resp: 1436133

Ion Ratio Lower Upper

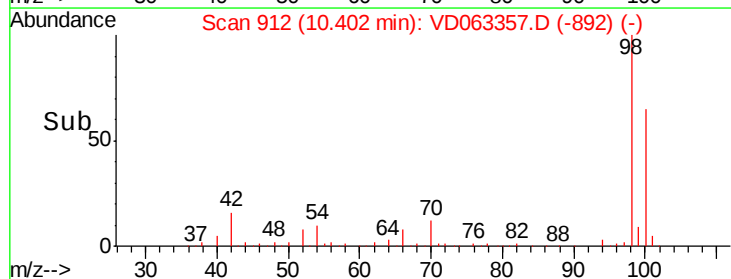
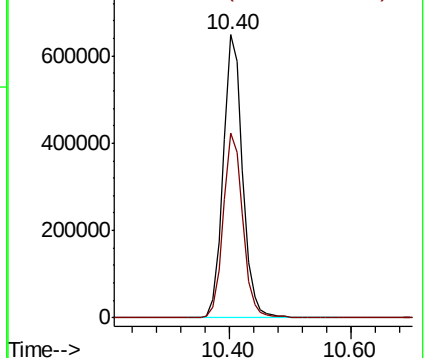
98 100

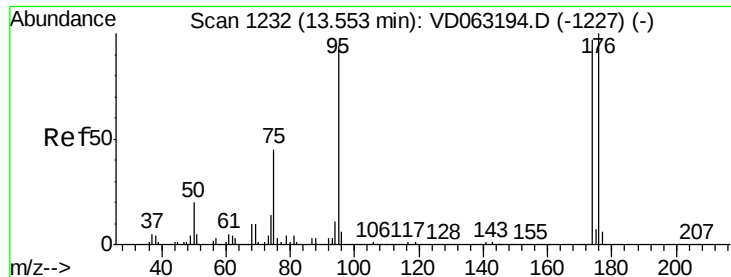
100 65.3 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 46.370 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063357.D

Acq: 3 Aug 2019 13:19

Instrument :

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ClientSampleId :

1S-C1-(0-1)

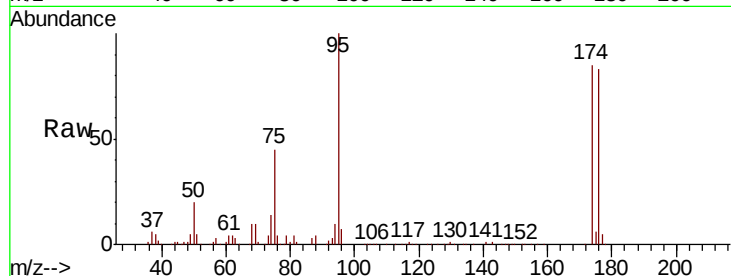
Tot Ion: 95 Resp: 586544

Ion Ratio Lower Upper

95 100

174 84.7 0.0 205.4

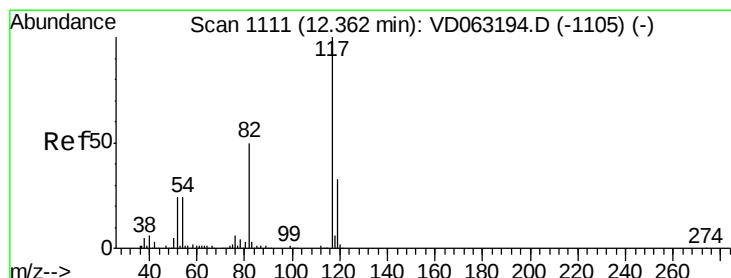
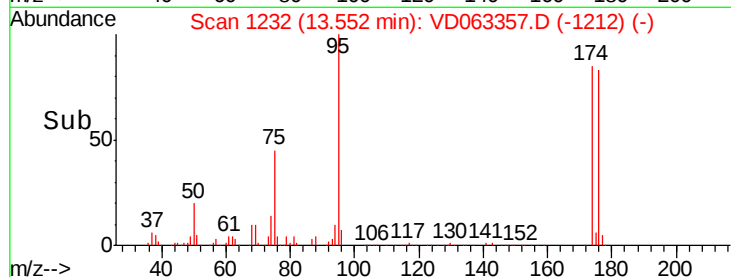
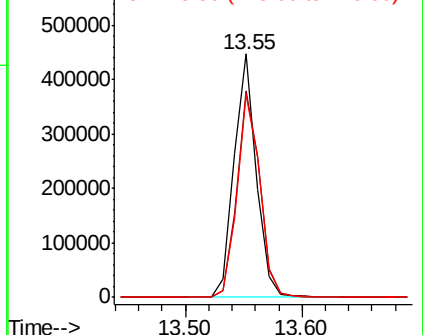
176 83.3 0.0 211.8



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: VD063357.D

Acq: 3 Aug 2019 13:19

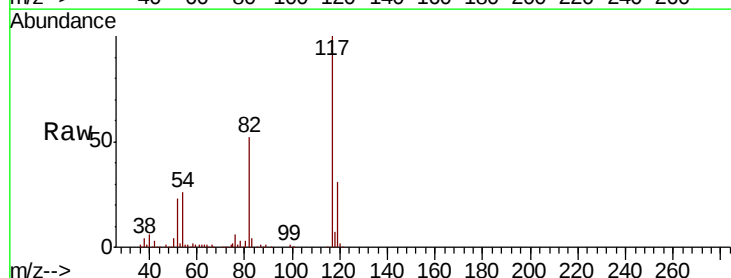
Tgt Ion: 117 Resp: 1154804

Ion Ratio Lower Upper

117 100

82 52.0 40.1 60.1

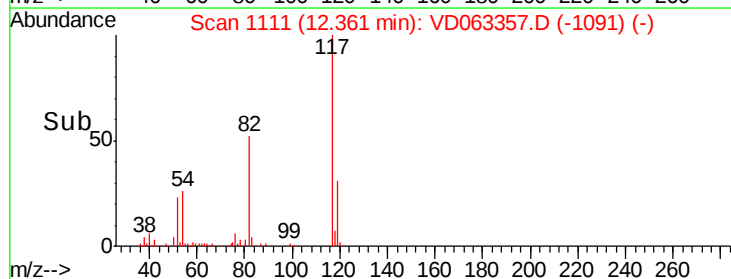
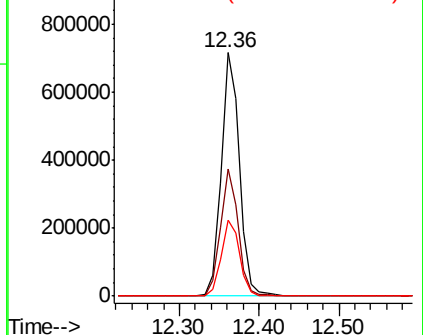
119 31.3 26.5 39.7

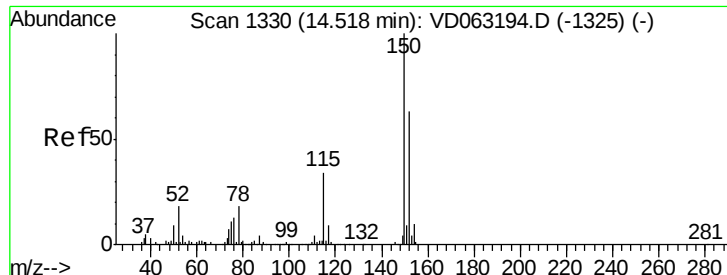


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063357.D

Acq: 3 Aug 2019 13:19

Instrument :

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1S-C1-(0-1)

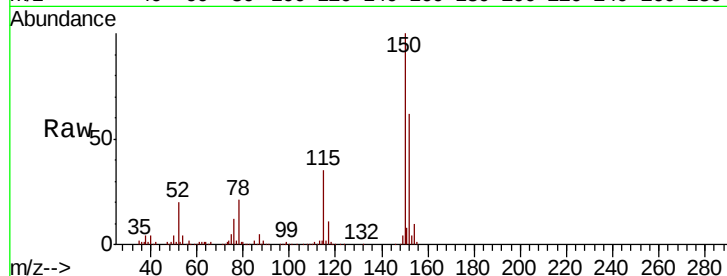
Tot Ion:152 Resp: 521267

Ion Ratio Lower Upper

152 100

115 55.9 27.5 82.4

150 160.2 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

