

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082219\
 Data File : VD063737.D
 Acq On : 22 Aug 2019 16:56
 Operator : JC/SY
 Sample : K4386-19RE
 Misc : 5.51g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T6-A4-(2)RE

Quant Time: Aug 23 07:22:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

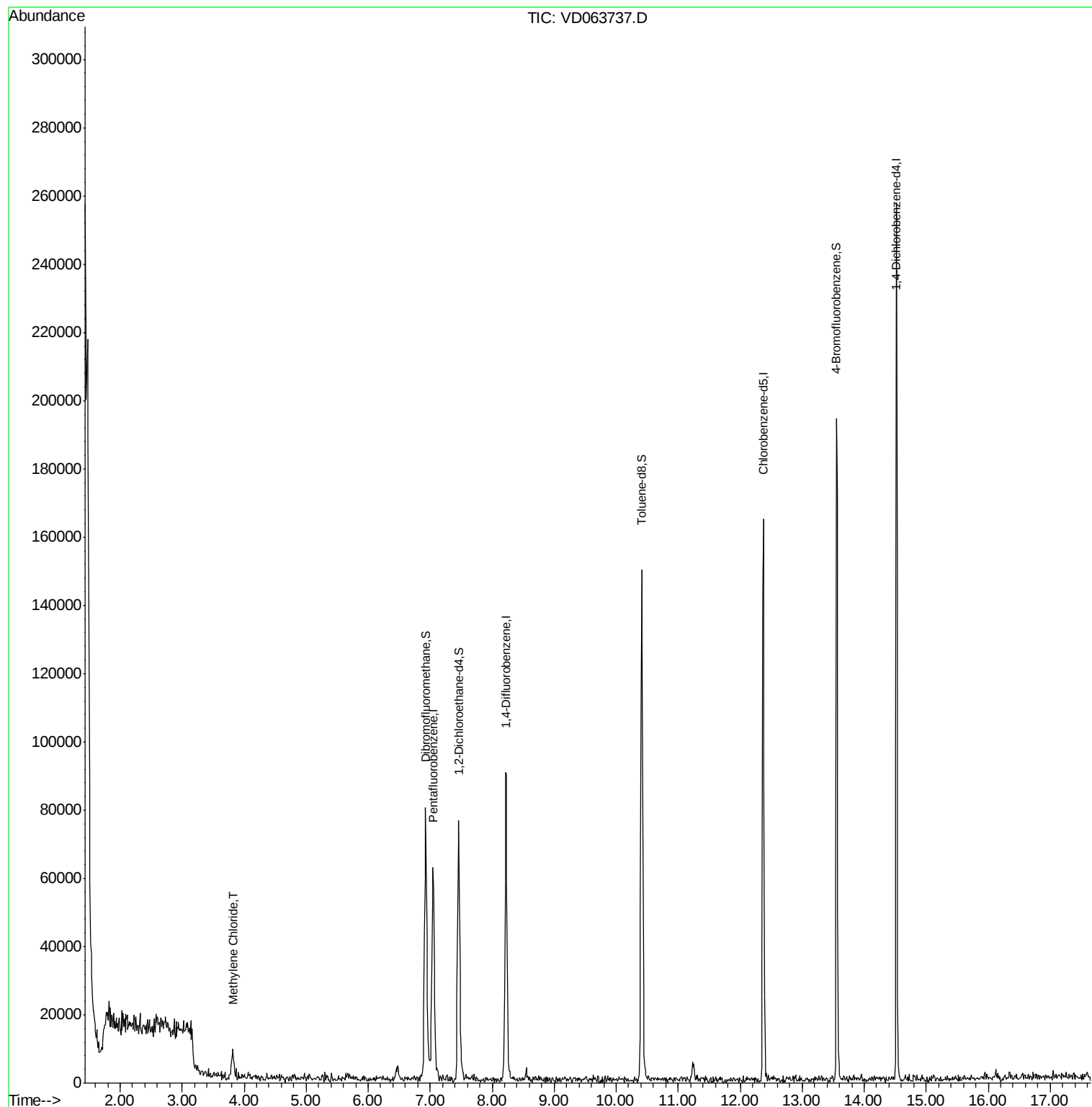
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	57168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	95984	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	89081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	55358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	86199	141.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	282.12%	
35) Dibromofluoromethane	6.93	113	61988	76.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	153.36%	
50) Toluene-d8	10.41	98	122669	69.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.04%	
62) 4-Bromofluorobenzene	13.55	95	56976	70.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	141.46%	
Target Compounds						
20) Methylene Chloride	3.82	84	4003	7.452	ug/l #	Qvalue 70

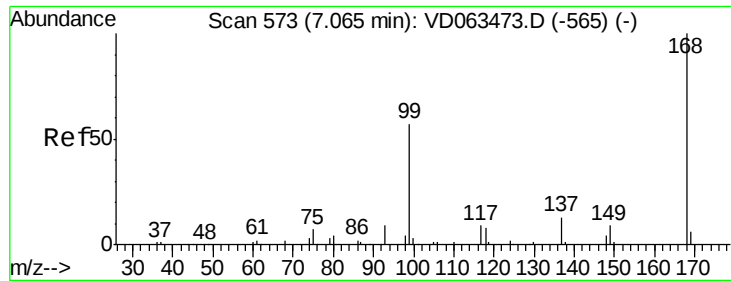
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.01 min

Lab File: VD063737.D

Acq: 22 Aug 2019 16:56

Instrument :

MSVOA_D

ClientSampleId :

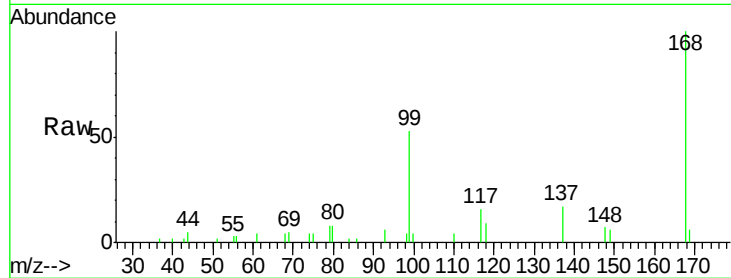
T6-A4-(2)RE

Tot Ion:168 Resp: 57168

Ion Ratio Lower Upper

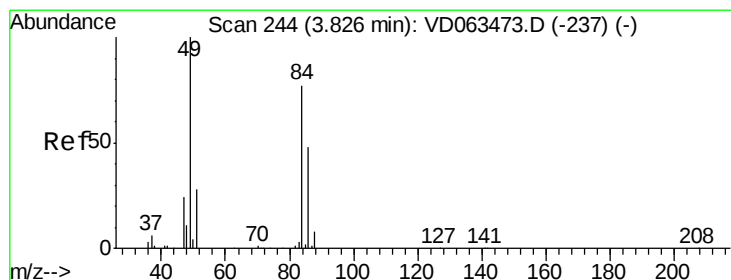
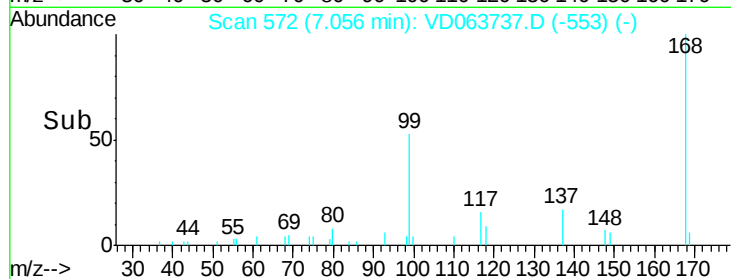
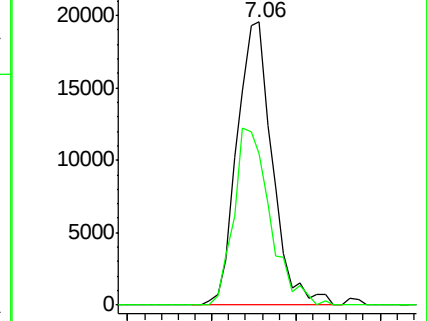
168 100

99 53.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 7.452 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD063737.D

Acq: 22 Aug 2019 16:56

Tgt Ion: 84 Resp: 4003

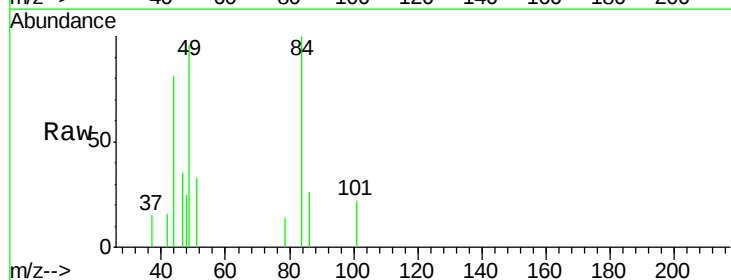
Ion Ratio Lower Upper

84 100

49 95.9 103.4 155.2#

51 32.6 28.5 42.7

86 25.6 49.4 74.2#

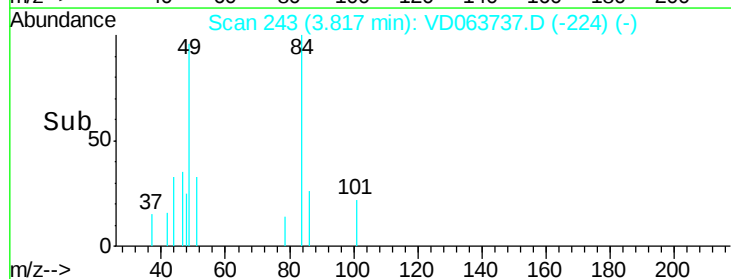
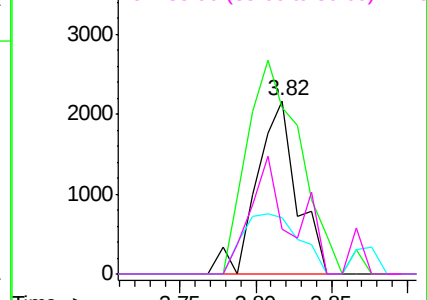


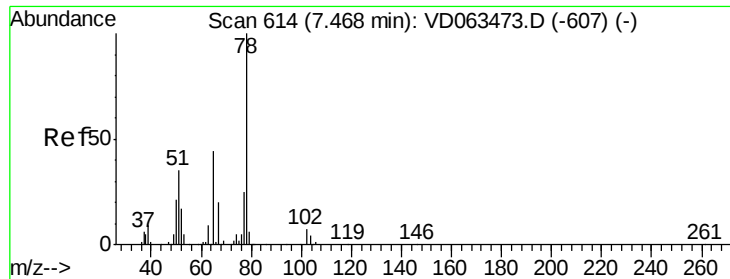
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

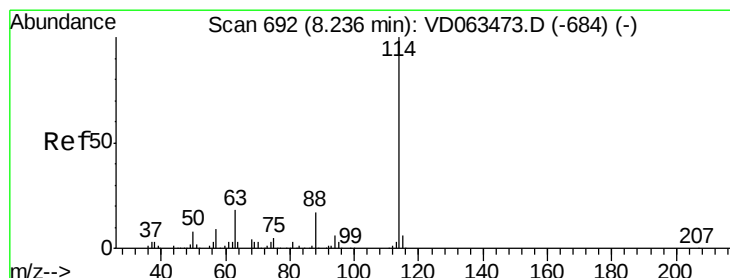
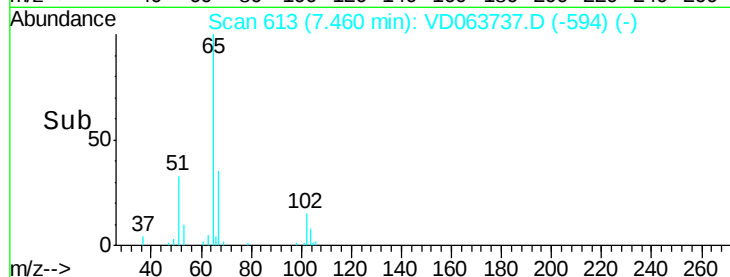
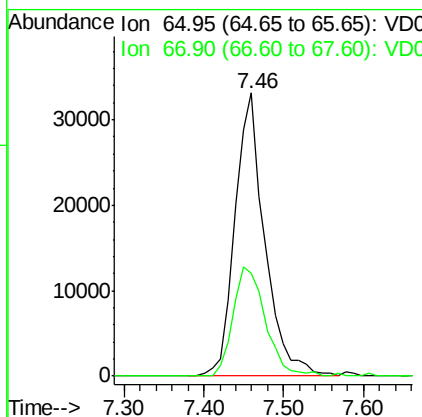
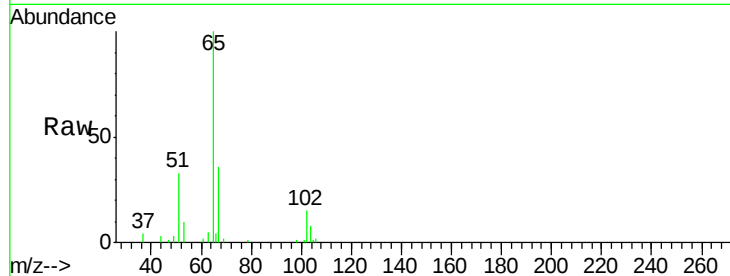




#33
 1,2-Dichloroethane-d4
 Concen: 141.060 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: VD063737.D
 Acq: 22 Aug 2019 16:56

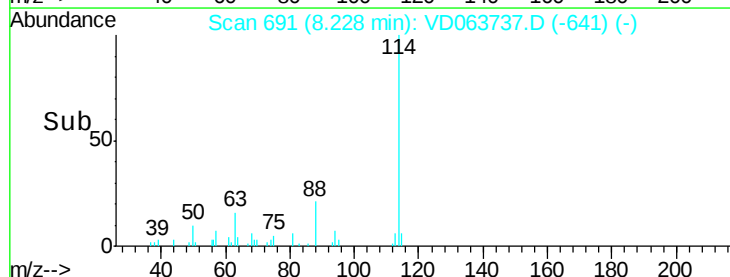
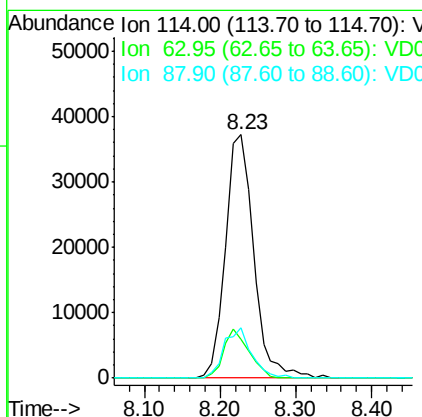
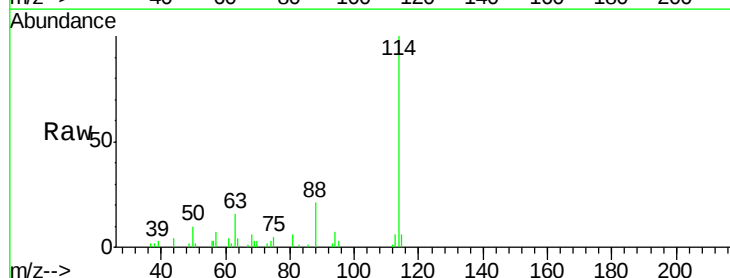
Instrument :
 MSVOA_D
 ClientSampleId :
 T6-A4-(2)RE

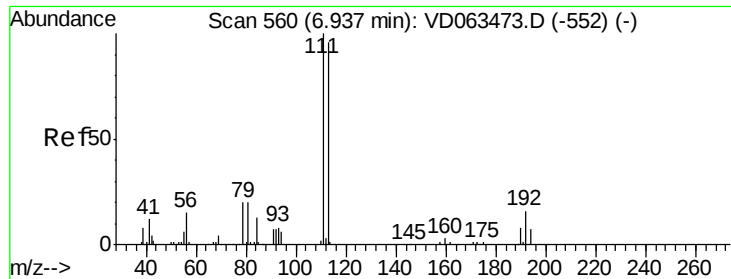
Tot Ion: 65 Resp: 86199
 Ion Ratio Lower Upper
 65 100
 67 36.3 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: VD063737.D
 Acq: 22 Aug 2019 16:56

Tgt Ion: 114 Resp: 95984
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 36.2
 88 20.7 0.0 35.0





#35

Dibromofluoromethane

Concen: 76.681 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063737.D

Acq: 22 Aug 2019 16:56

Instrument :

MSVOA_D

ClientSampleId :

T6-A4-(2)RE

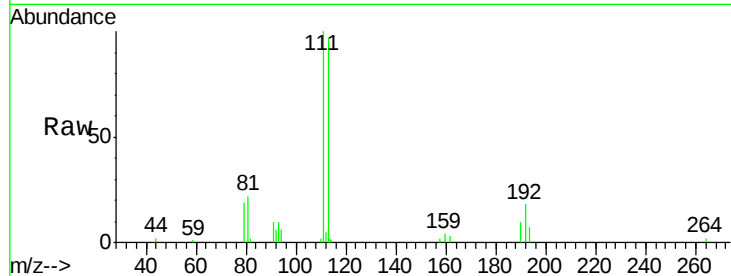
Tot Ion:113 Resp: 61988

Ion Ratio Lower Upper

113 100

111 103.2 83.1 124.7

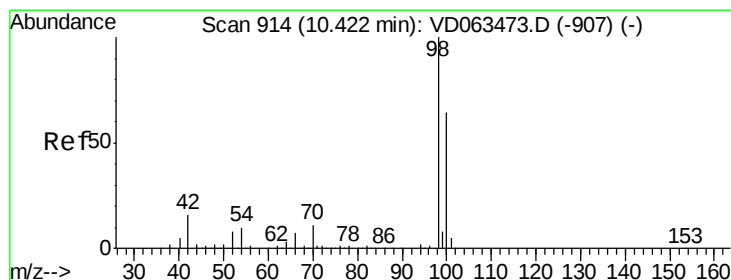
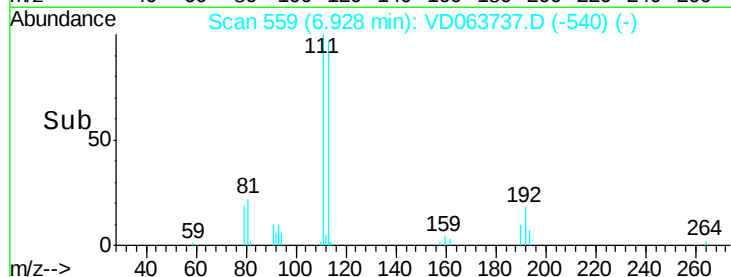
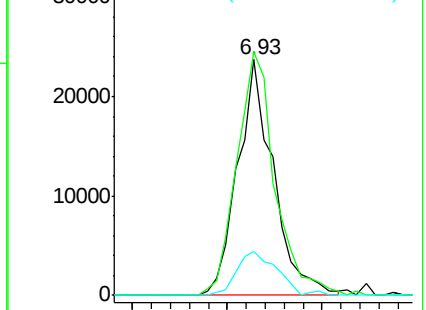
192 18.5 13.1 19.7



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: 69.021 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD063737.D

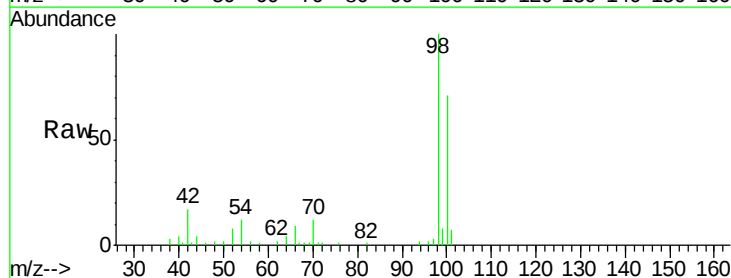
Acq: 22 Aug 2019 16:56

Tgt Ion: 98 Resp: 122669

Ion Ratio Lower Upper

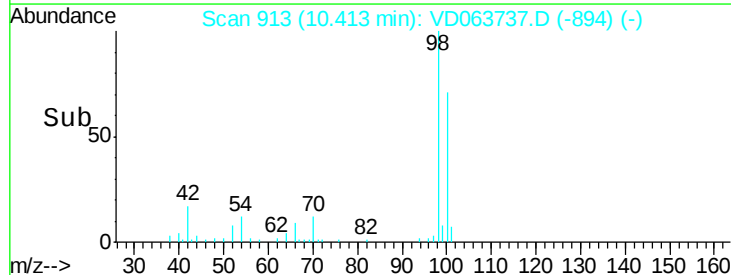
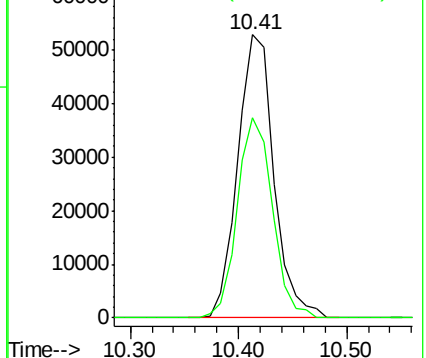
98 100

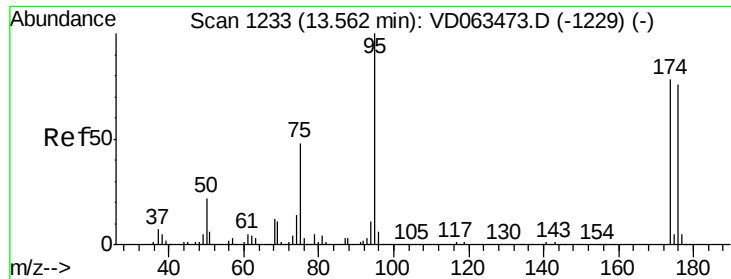
100 70.8 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

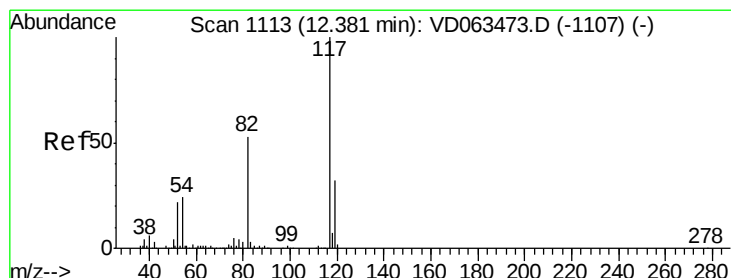
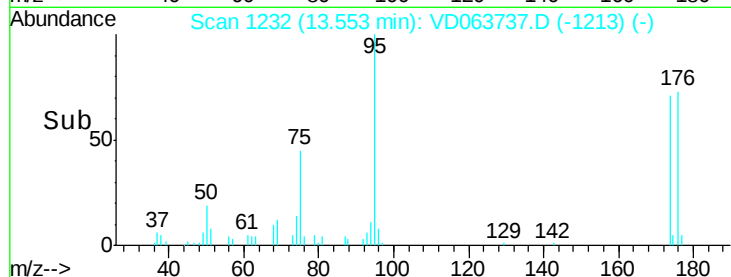
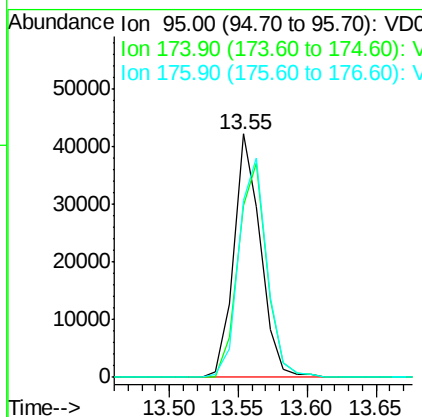
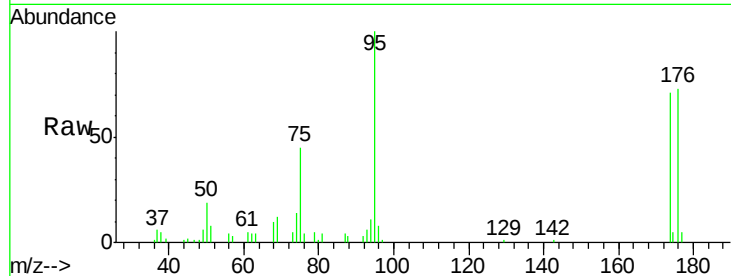




#62
 4-Bromofluorobenzene
 Concen: 70.731 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: VD063737.D
 Acq: 22 Aug 2019 16:56

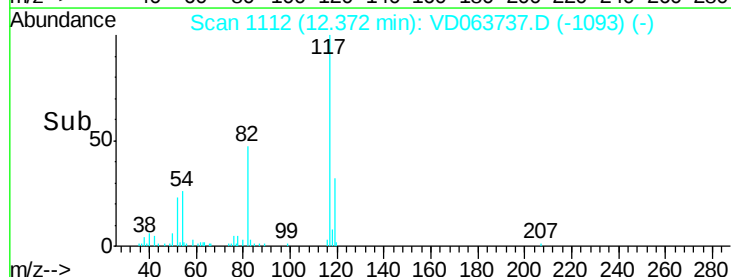
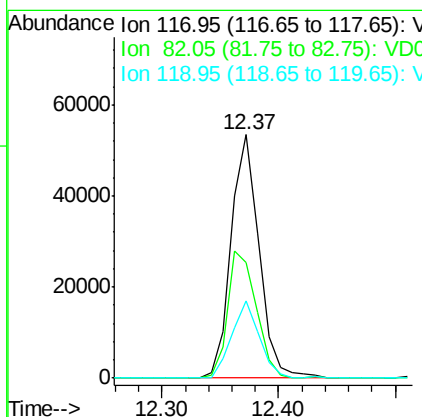
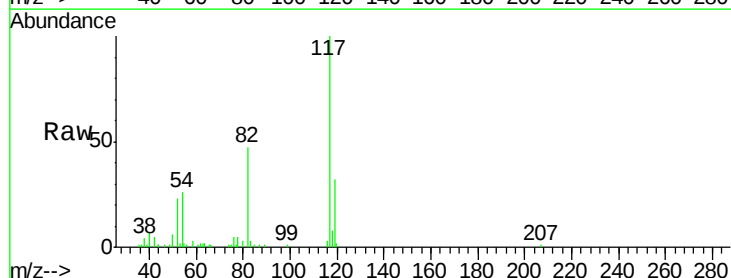
Instrument :
 MSVOA_D
 ClientSampled :
 T6-A4-(2)RE

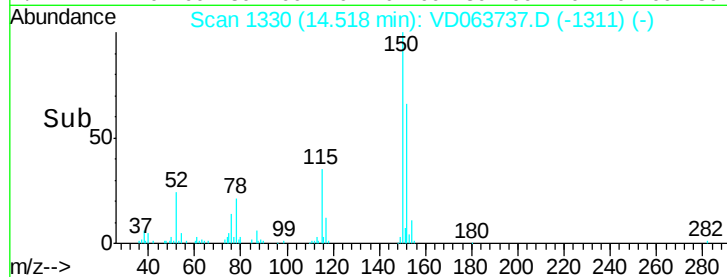
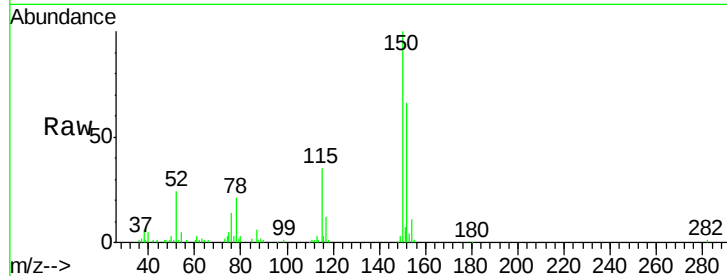
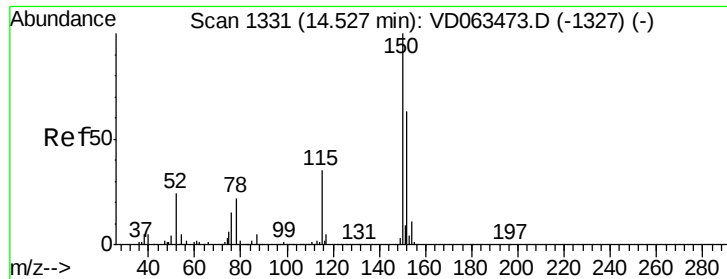
Tot Ion: 95 Resp: 56976
 Ion Ratio Lower Upper
 95 100
 174 75.7 0.0 155.4
 176 72.7 0.0 152.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: VD063737.D
 Acq: 22 Aug 2019 16:56

Tgt Ion: 117 Resp: 89081
 Ion Ratio Lower Upper
 117 100
 82 47.3 42.0 63.0
 119 31.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD063737.D

Acq: 22 Aug 2019 16:56

Instrument :

MSVOA_D

ClientSampleId :

T6-A4-(2)RE

Tot Ion:152 Resp: 55358

Ion Ratio Lower Upper

152 100

115 52.9 30.9 92.7

150 150.8 0.0 318.6

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

