

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082219\
 Data File : VD063736.D
 Acq On : 22 Aug 2019 16:28
 Operator : JC/SY
 Sample : K4386-17
 Misc : 6.02g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T6-A2-(2)

Quant Time: Aug 23 07:20:07 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

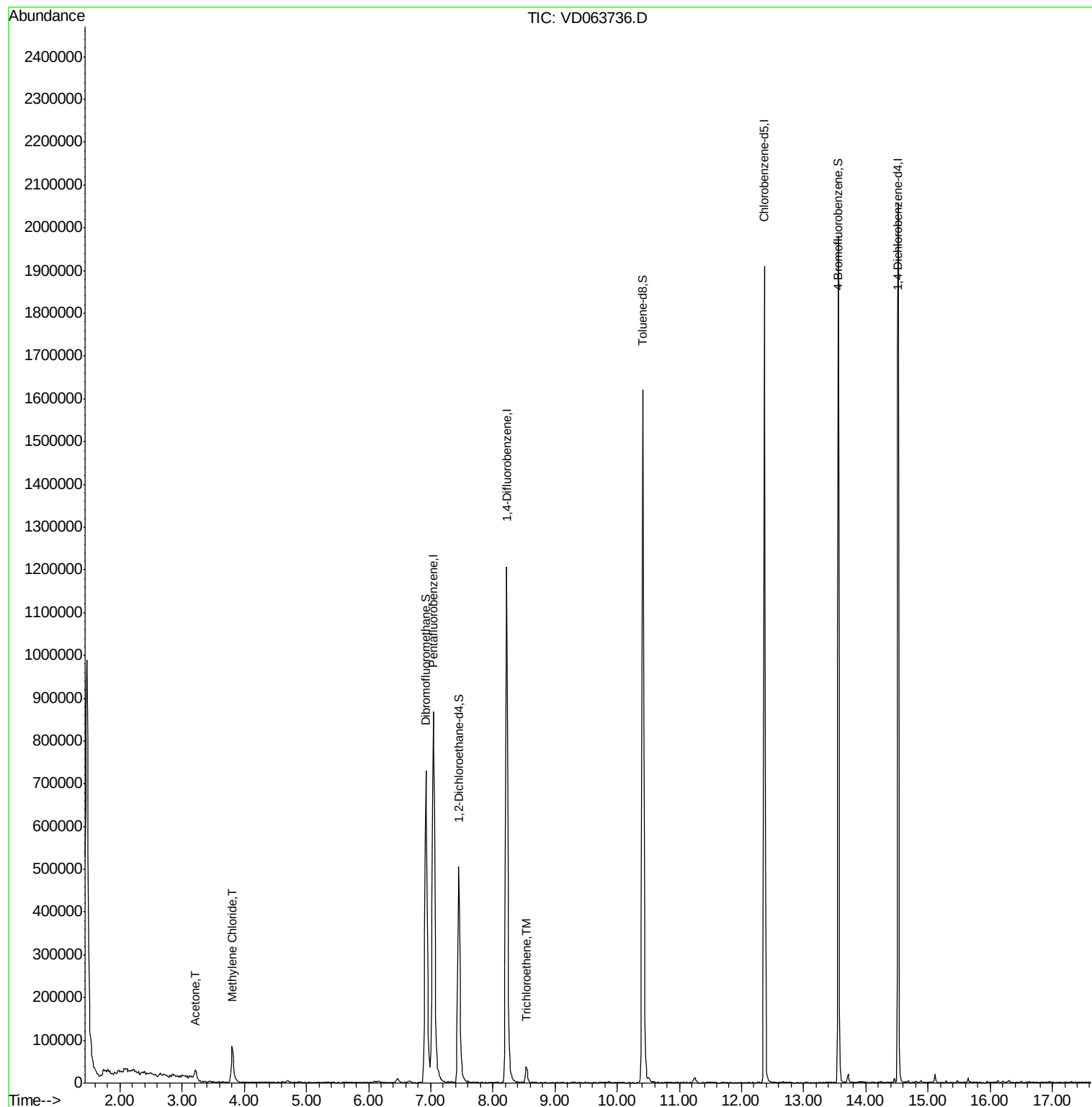
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	891999	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1325795	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	1037517	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	490081	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	573805	60.18	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	120.36%	
35) Dibromofluoromethane	6.92	113	621974	55.70	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	111.40%	
50) Toluene-d8	10.41	98	1340316	54.60	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	109.20%	
62) 4-Bromofluorobenzene	13.56	95	512299	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
Target Compounds						
16) Acetone	3.22	43	52575	27.125	ug/l	94
20) Methylene Chloride	3.81	84	49016	5.848	ug/l	96
44) Trichloroethene	8.54	130	17460	1.771	ug/l	99

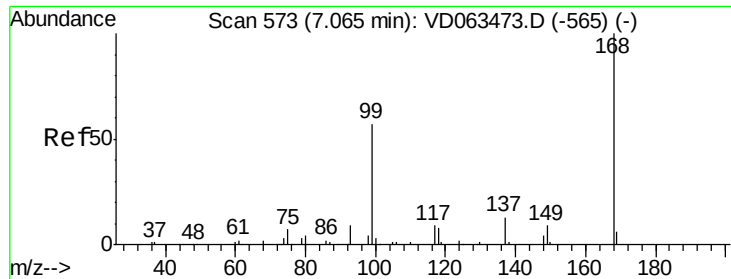
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082219\
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Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD063736.D

Acq: 22 Aug 2019 16:28

Instrument :

MSVOA_D

ClientSampleId :

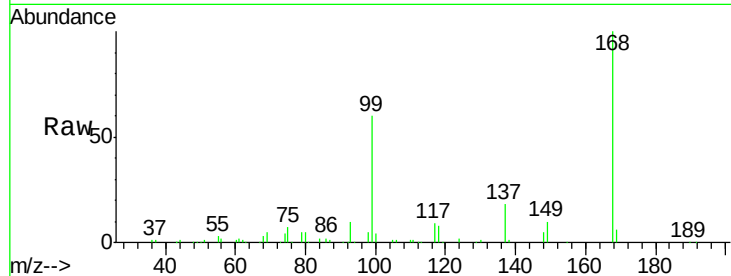
T6-A2-(2)

Tot Ion:168 Resp: 891999

Ion Ratio Lower Upper

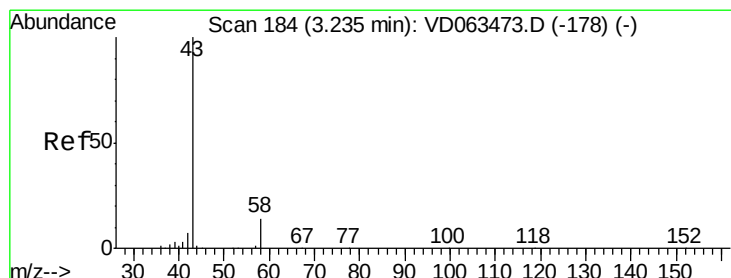
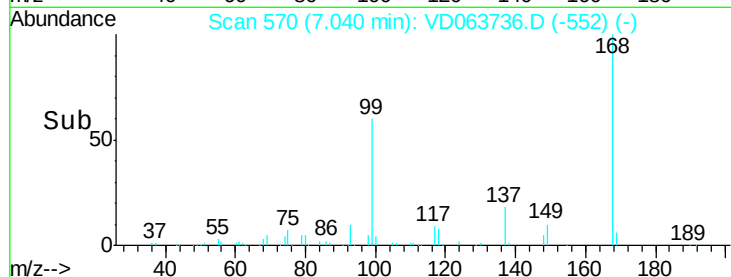
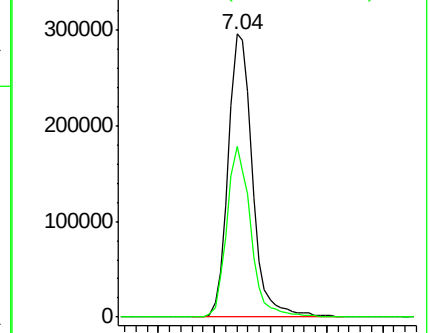
168 100

99 60.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 27.125 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD063736.D

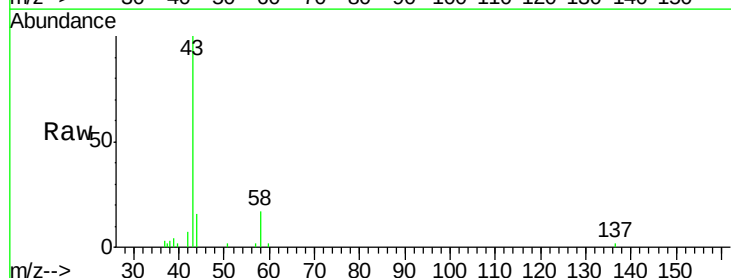
Acq: 22 Aug 2019 16:28

Tgt Ion: 43 Resp: 52575

Ion Ratio Lower Upper

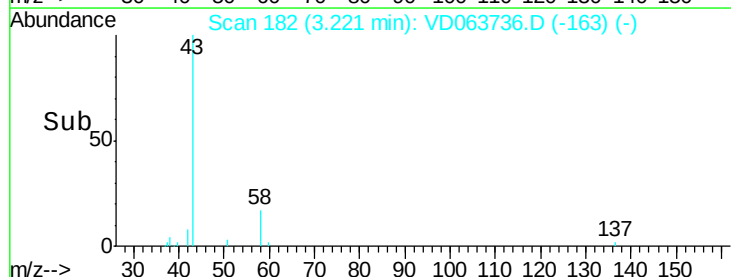
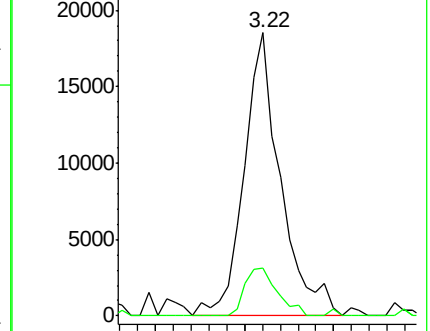
43 100

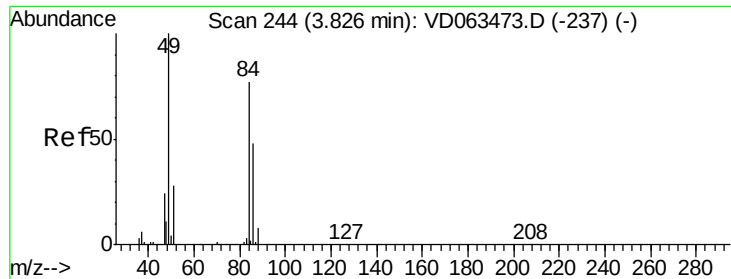
58 16.8 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

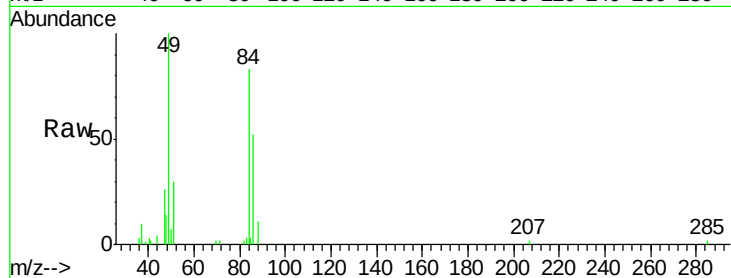




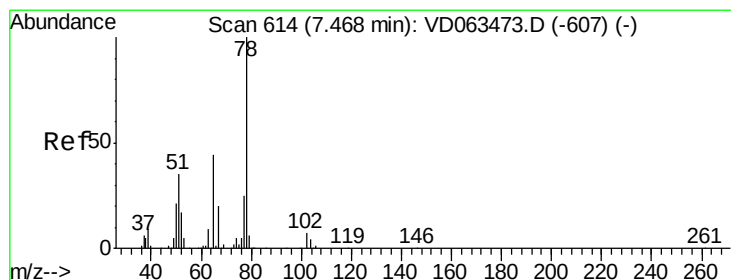
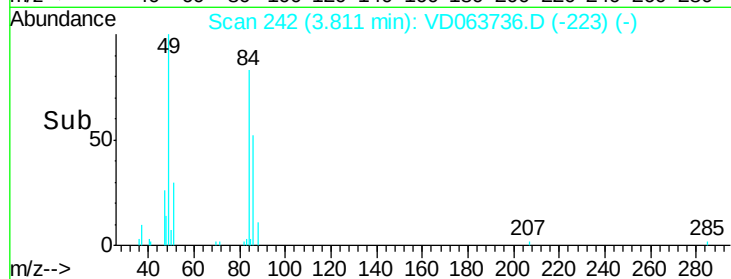
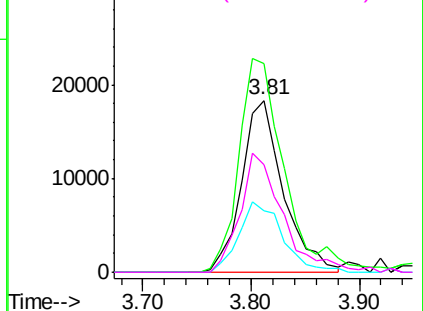
#20
Methylene Chloride
Concen: 5.848 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD063736.D
Acq: 22 Aug 2019 16:28

Instrument :
MSVOA_D
ClientSampleId :
T6-A2-(2)

Tot Ion:	84	Resp:	49016
Ion	Ratio	Lower	Upper
84	100		
49	121.1	103.4	155.2
51	35.8	28.5	42.7
86	62.6	49.4	74.2

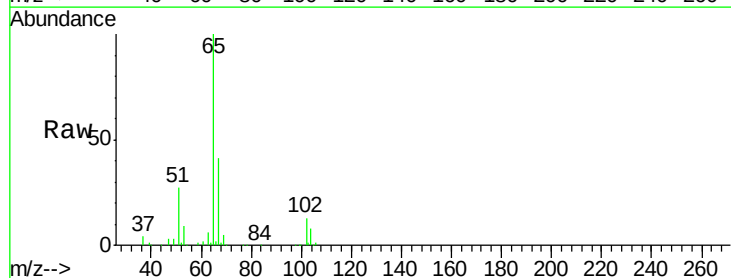


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

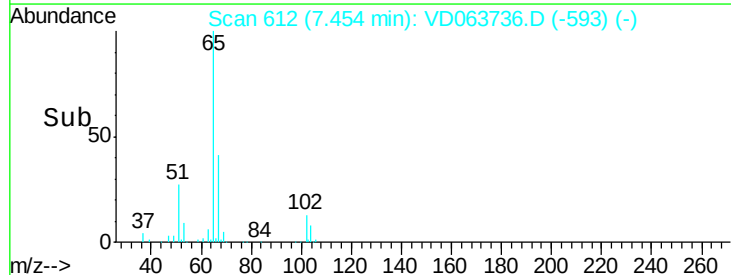
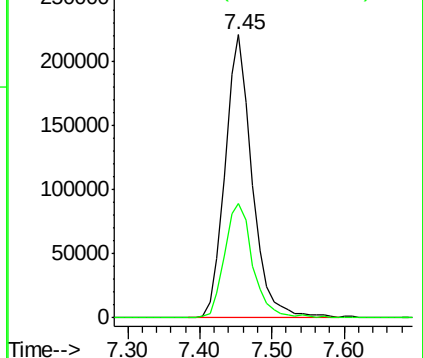


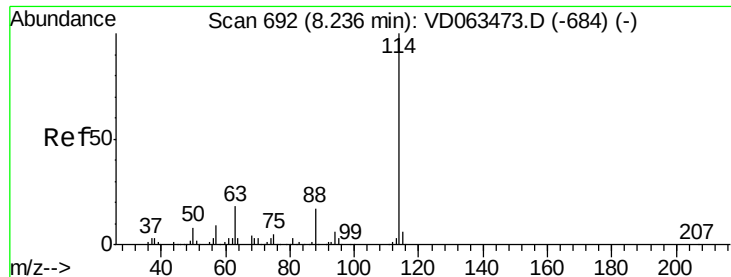
#33
1,2-Dichloroethane-d4
Concen: 60.180 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD063736.D
Acq: 22 Aug 2019 16:28

Tgt Ion:	65	Resp:	573805
Ion	Ratio	Lower	Upper
65	100		
67	40.6	0.0	89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD063736.D

Acq: 22 Aug 2019 16:28

Instrument :

MSVOA_D

ClientSampleId :

T6-A2-(2)

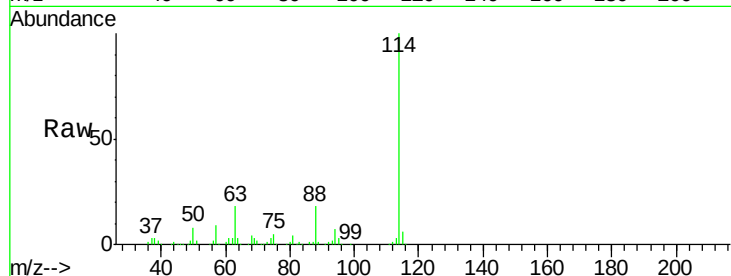
Tot Ion:114 Resp: 1325795

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.2

88 17.8 0.0 35.0



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

600000

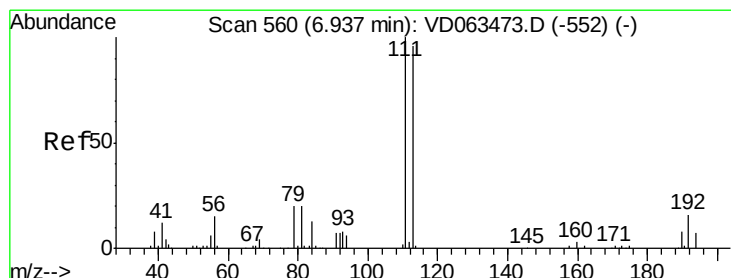
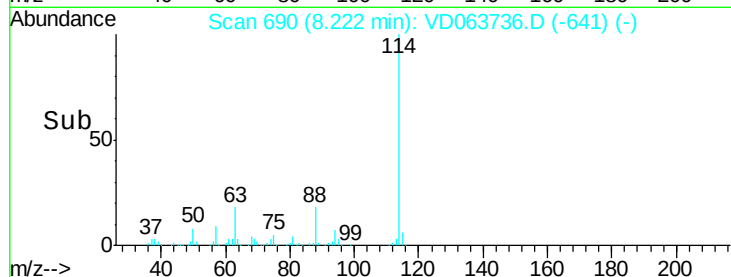
400000

200000

0

8.10 8.20 8.30 8.40

Time-->



#35

Dibromofluoromethane

Concen: 55.703 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063736.D

Acq: 22 Aug 2019 16:28

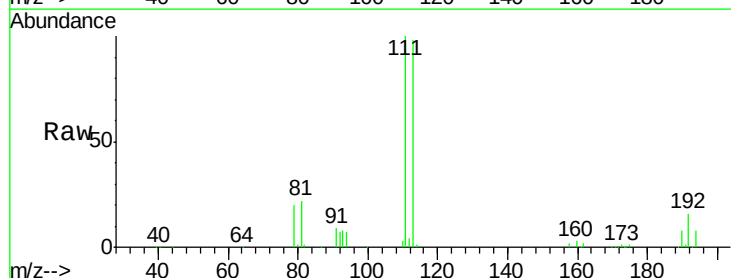
Tgt Ion:113 Resp: 621974

Ion Ratio Lower Upper

113 100

111 102.0 83.1 124.7

192 16.2 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

300000

250000

200000

150000

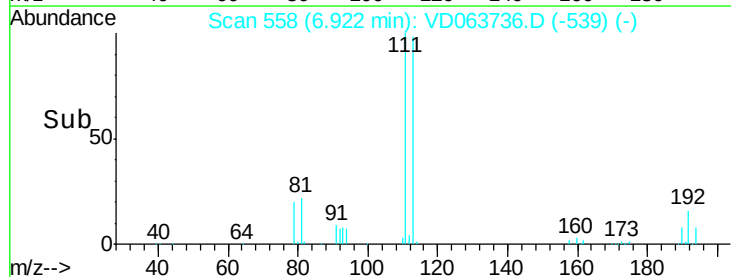
100000

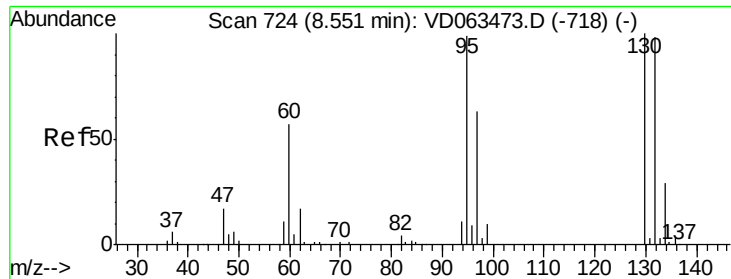
50000

0

6.80 6.90 7.00 7.10

Time-->

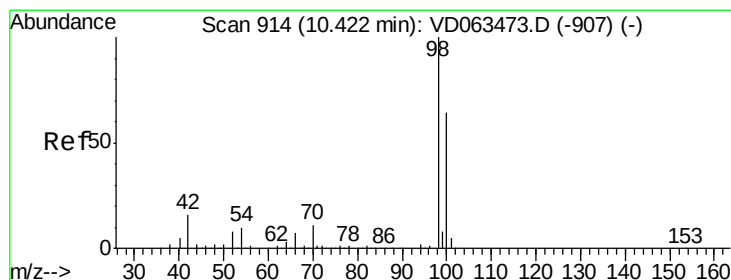
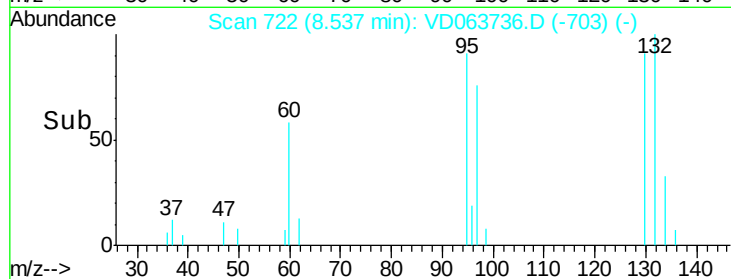
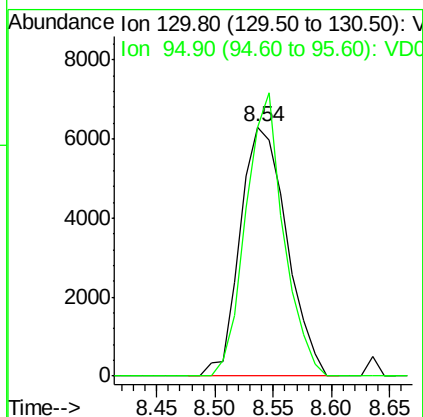
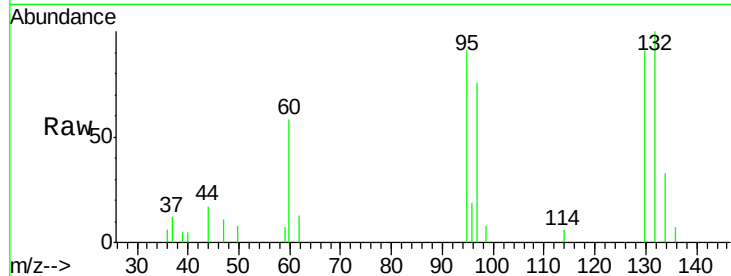




#44
 Trichloroethene
 Concen: 1.771 ug/l
 RT: 8.54 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: VD063736.D
 Acq: 22 Aug 2019 16:28

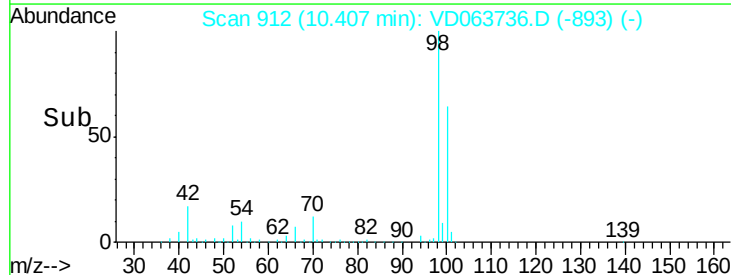
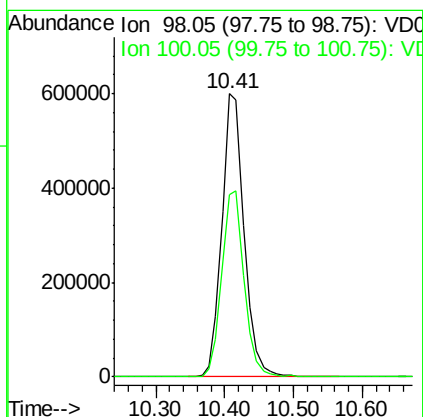
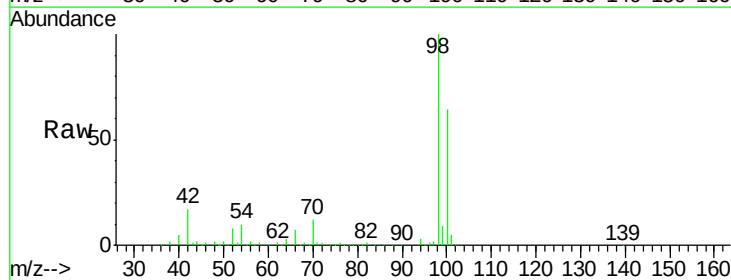
Instrument :
 MSVOA_D
 ClientSampleId :
 T6-A2-(2)

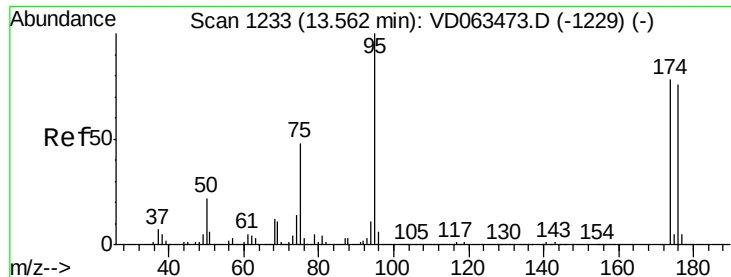
Tot Ion:130 Resp: 17460
 Ion Ratio Lower Upper
 130 100
 95 99.8 0.0 198.0



#50
 Toluene-d8
 Concen: 54.598 ug/l
 RT: 10.41 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: VD063736.D
 Acq: 22 Aug 2019 16:28

Tgt Ion: 98 Resp: 1340316
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.7 77.5

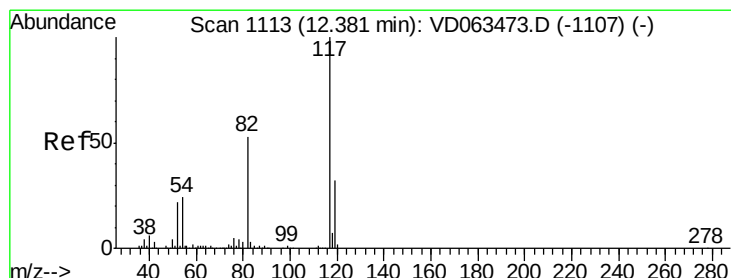
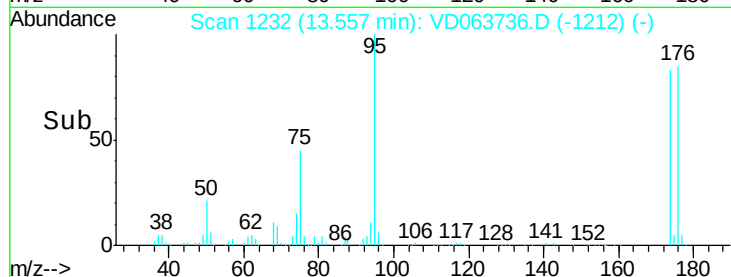
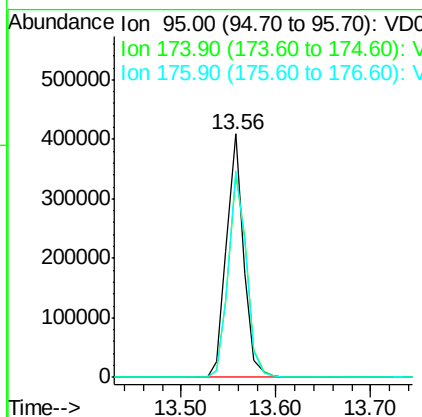
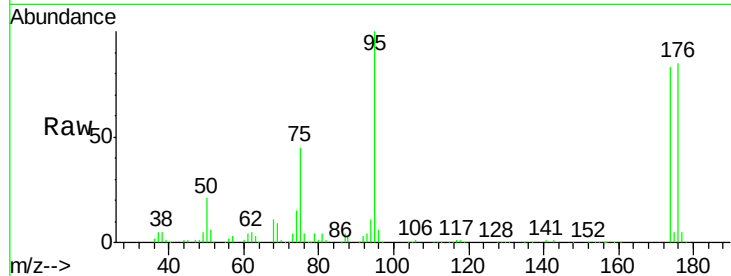




#62
 4-Bromofluorobenzene
 Concen: 46.043 ug/l
 RT: 13.56 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VD063736.D
 Acq: 22 Aug 2019 16:28

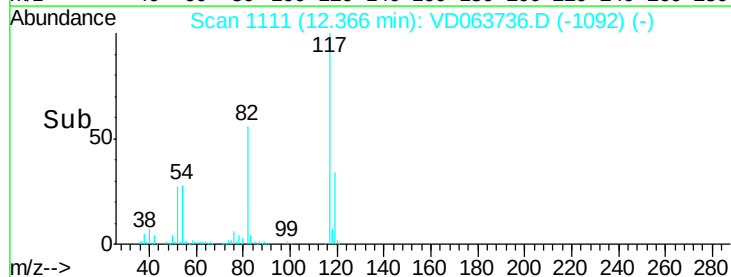
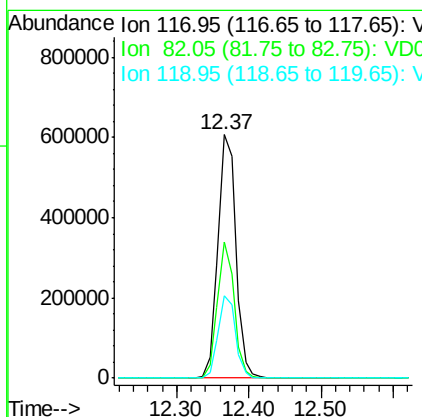
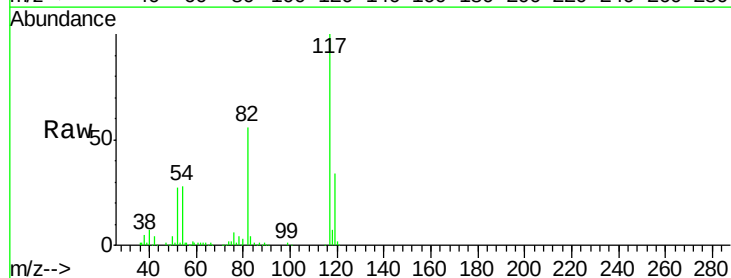
Instrument :
 MSVOA_D
 ClientSampleId :
 T6-A2-(2)

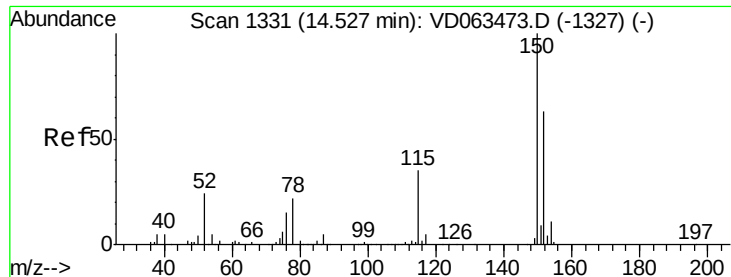
Tot Ion: 95 Resp: 512299
 Ion Ratio Lower Upper
 95 100
 174 83.2 0.0 155.4
 176 84.6 0.0 152.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: VD063736.D
 Acq: 22 Aug 2019 16:28

Tgt Ion: 117 Resp: 1037517
 Ion Ratio Lower Upper
 117 100
 82 56.1 42.0 63.0
 119 33.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD063736.D

Acq: 22 Aug 2019 16:28

Instrument :

MSVOA_D

ClientSampleId :

T6-A2-(2)

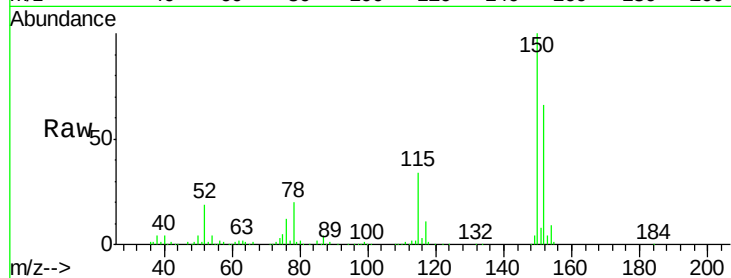
Tot Ion:152 Resp: 490081

Ion Ratio Lower Upper

152 100

115 51.9 30.9 92.7

150 152.1 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

