

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082019\
 Data File : VD063684.D
 Acq On : 20 Aug 2019 15:01
 Operator : JC/SY
 Sample : K4385-18RE
 Misc : 5.09g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-D-(2)RE

Quant Time: Aug 21 04:12:00 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

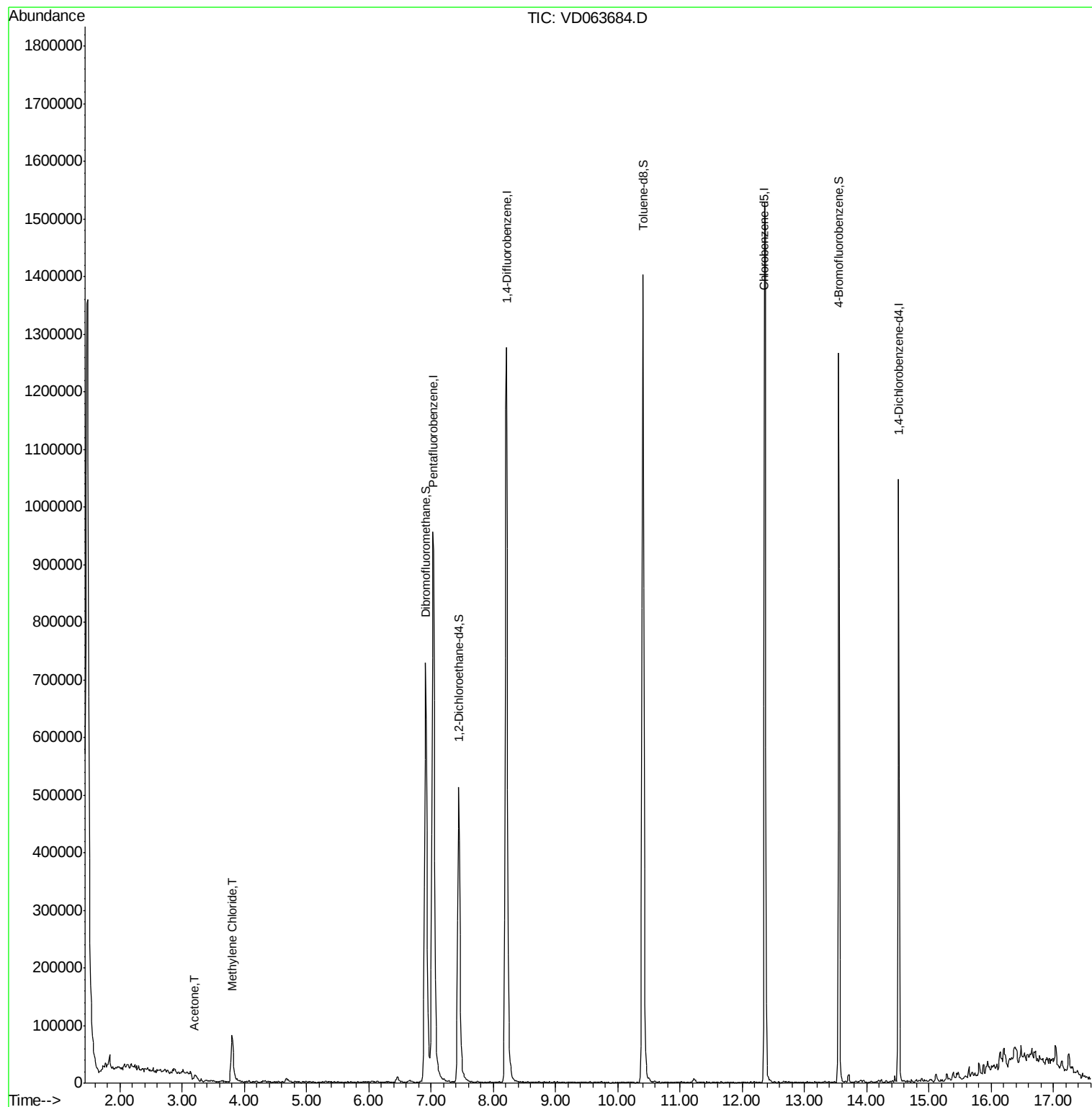
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	989849	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1430813	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	904950	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	229716	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	583884	55.18	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	110.36%	
35) Dibromofluoromethane	6.91	113	640846	53.18	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	106.36%	
50) Toluene-d8	10.41	98	1182250	44.62	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	89.24%	
62) 4-Bromofluorobenzene	13.55	95	346251	28.84	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	57.68%	
Target Compounds						
16) Acetone	3.21	43	16070	7.471	ug/l	Qvalue 100
20) Methylene Chloride	3.80	84	53410	5.743	ug/l	94

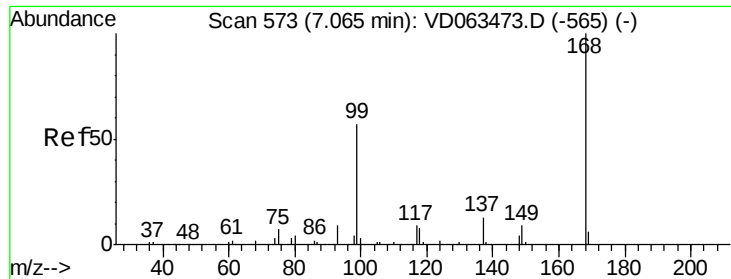
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

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Instrument :

MSVOA_D

ClientSampleId :

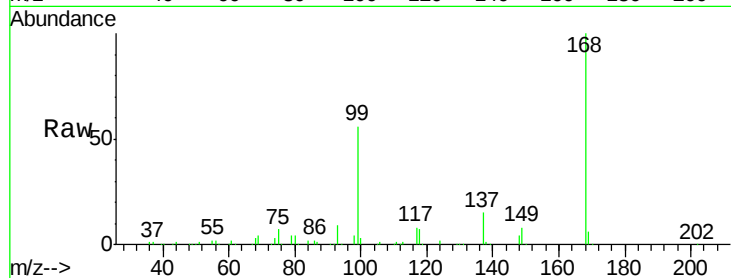
T8-D-(2)RE

Tot Ion:168 Resp: 989849

Ion Ratio Lower Upper

168 100

99 56.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

300000

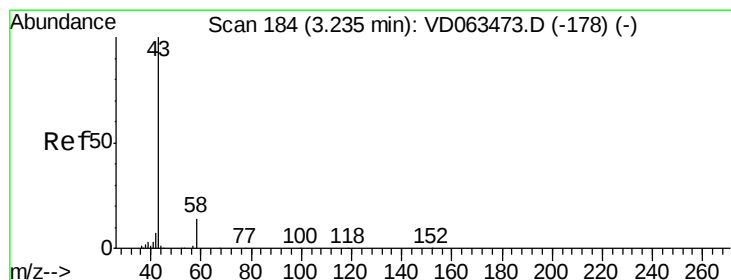
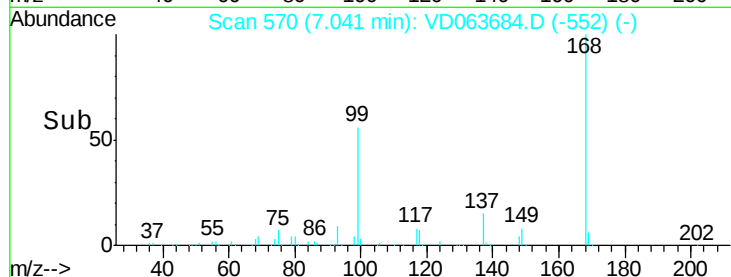
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 7.471 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD063684.D

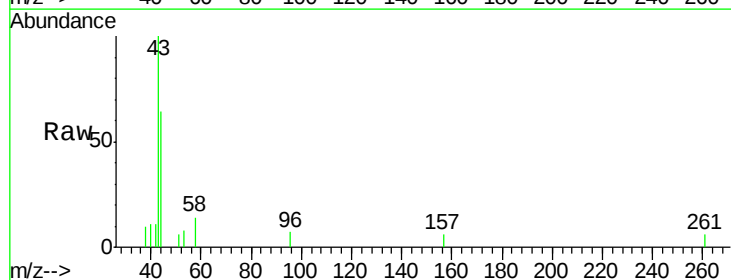
Acq: 20 Aug 2019 15:01

Tgt Ion: 43 Resp: 16070

Ion Ratio Lower Upper

43 100

58 14.3 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

6000

5000

4000

3000

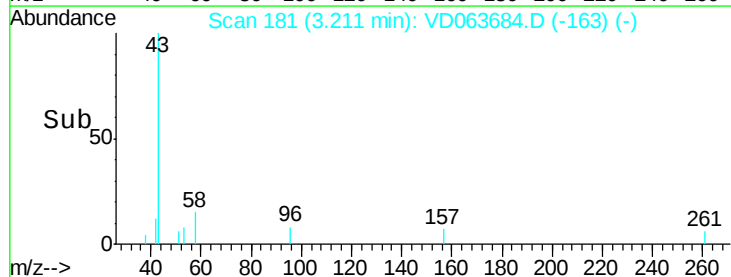
2000

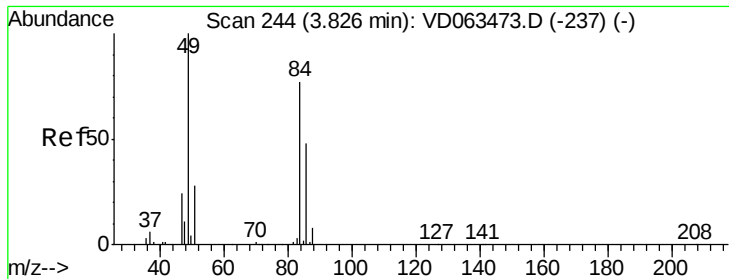
1000

0

3.10 3.15 3.20 3.25 3.30

Time-->

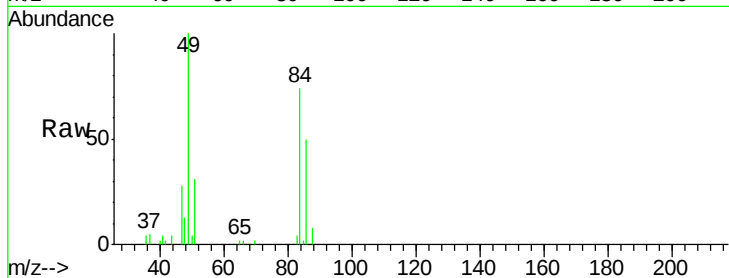




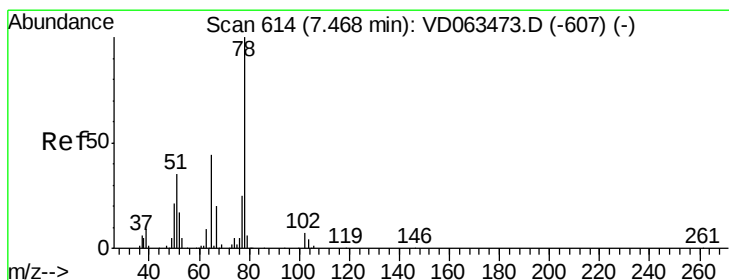
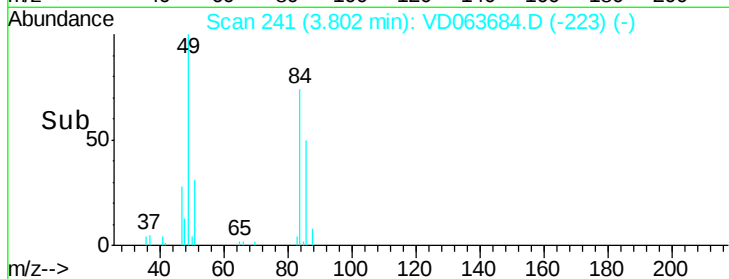
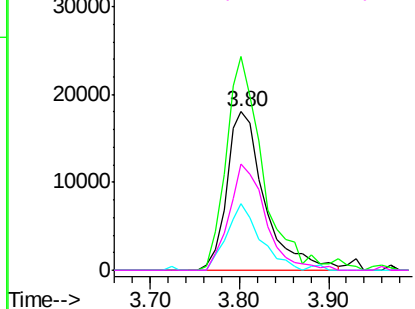
#20
Methylene Chloride
Concen: 5.743 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD063684.D
Acq: 20 Aug 2019 15:01

Instrument :
MSVOA_D
ClientSampleId :
T8-D-(2)RE

Tot Ion:	84	Resp:	53410
Ion	Ratio	Lower	Upper
84	100		
49	135.1	103.4	155.2
51	42.0	28.5	42.7
86	67.0	49.4	74.2

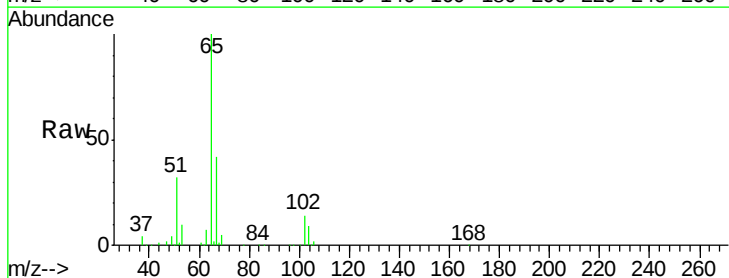


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

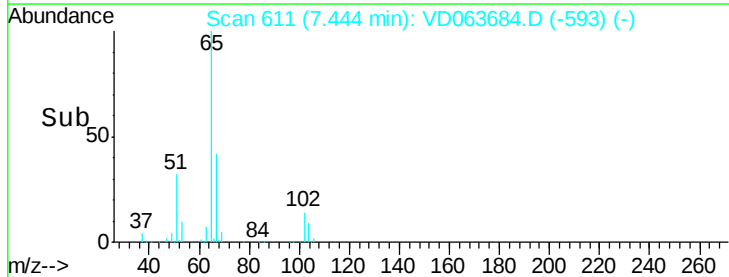
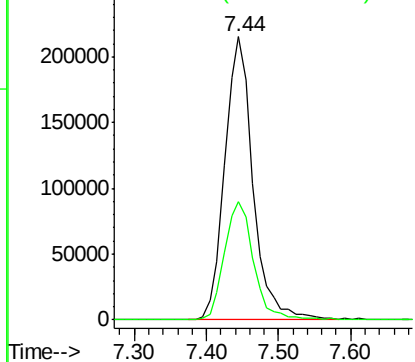


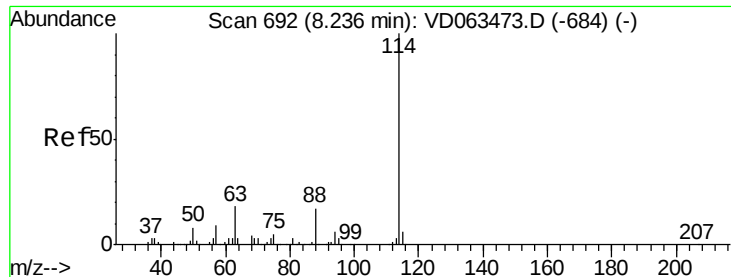
#33
1,2-Dichloroethane-d4
Concen: 55.184 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.02 min
Lab File: VD063684.D
Acq: 20 Aug 2019 15:01

Tgt Ion:	65	Resp:	583884
Ion	Ratio	Lower	Upper
65	100		
67	42.0	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: 8.21 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD063684.D

Acq: 20 Aug 2019 15:01

Instrument :

MSVOA_D

ClientSampleId :

T8-D-(2)RE

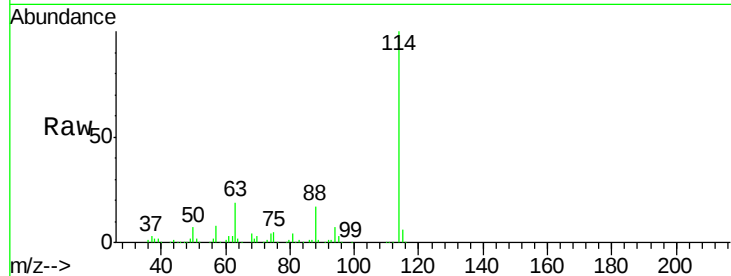
Tot Ion:114 Resp: 1430813

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.2

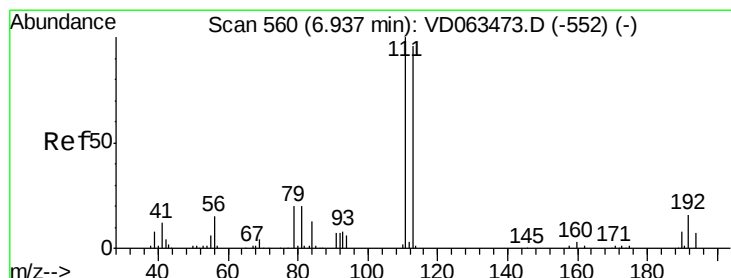
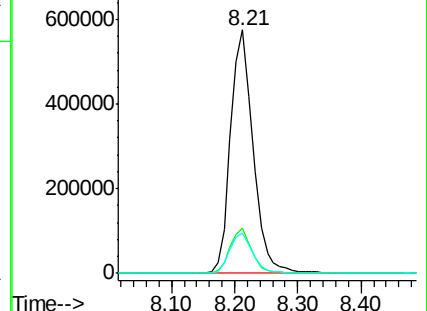
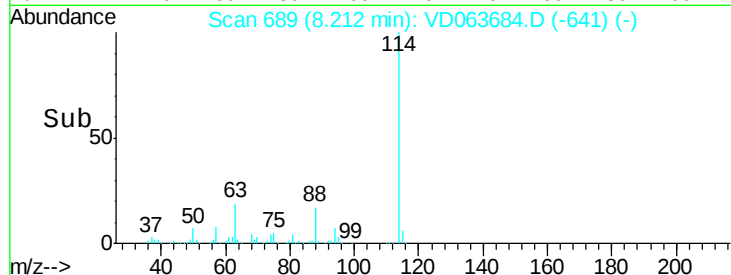
88 16.6 0.0 35.0



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



#35

Dibromofluoromethane

Concen: 53.180 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD063684.D

Acq: 20 Aug 2019 15:01

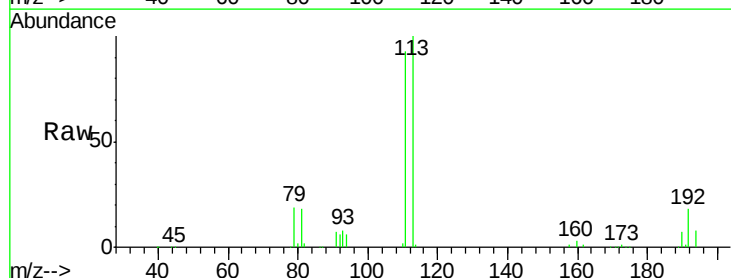
Tgt Ion:113 Resp: 640846

Ion Ratio Lower Upper

113 100

111 93.3 83.1 124.7

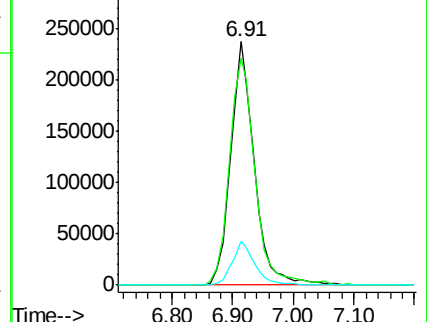
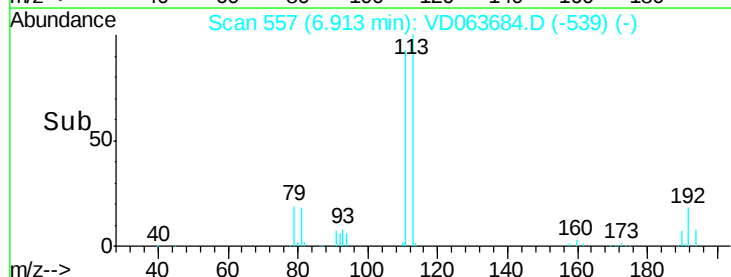
192 18.0 13.1 19.7

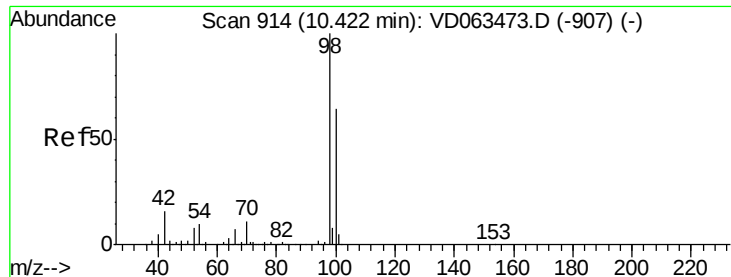


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

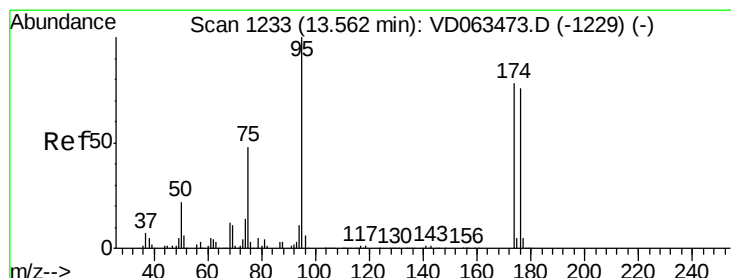
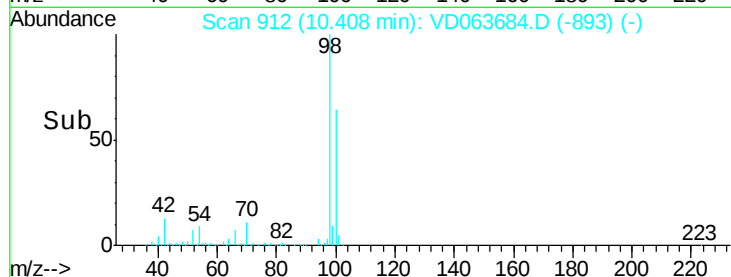
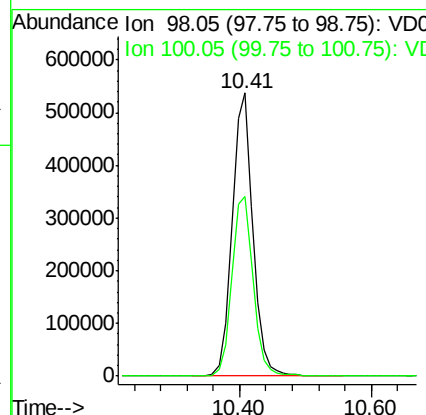
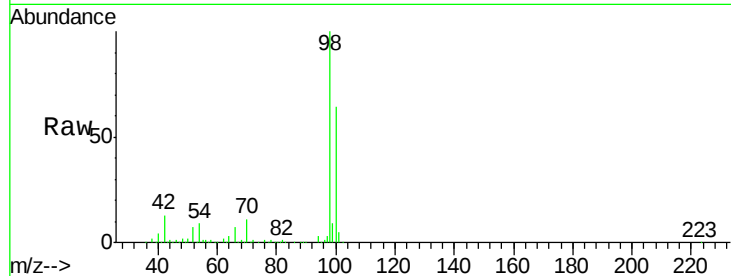




#50
Toluene-d8
Concen: 44.624 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063684.D
Acq: 20 Aug 2019 15:01

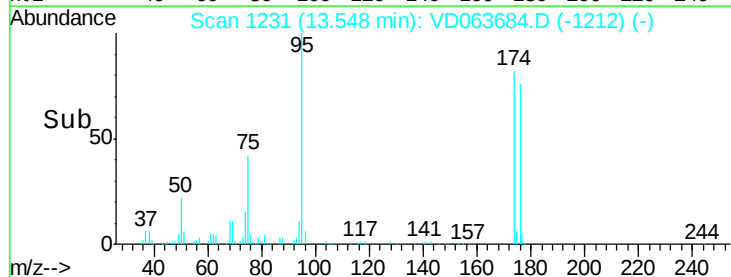
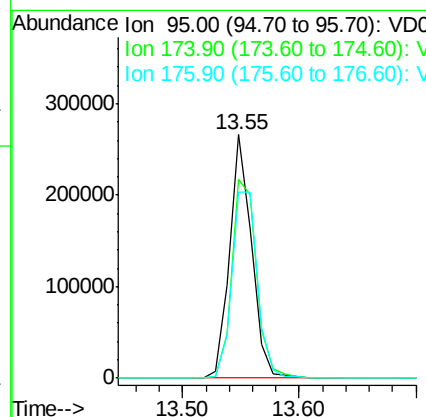
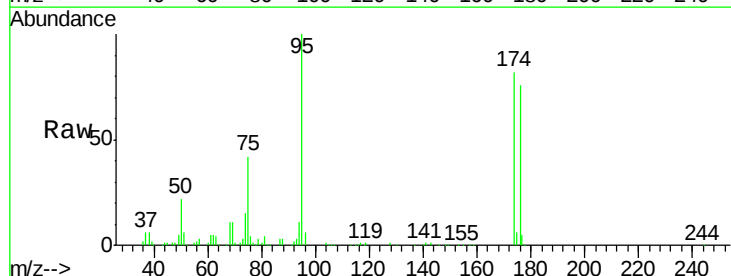
Instrument :
MSVOA_D
ClientSampleId :
T8-D-(2)RE

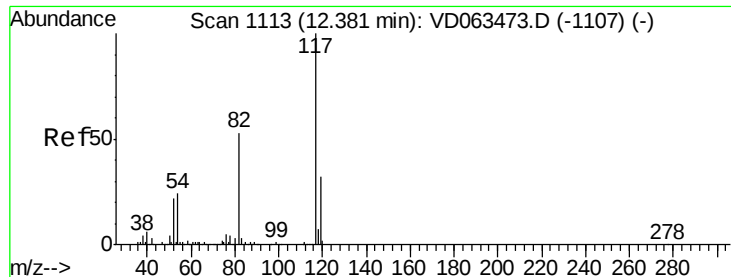
Tot Ion: 98 Resp: 1182250
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 28.835 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063684.D
Acq: 20 Aug 2019 15:01

Tgt Ion: 95 Resp: 346251
Ion Ratio Lower Upper
95 100
174 81.7 0.0 155.4
176 76.2 0.0 152.4

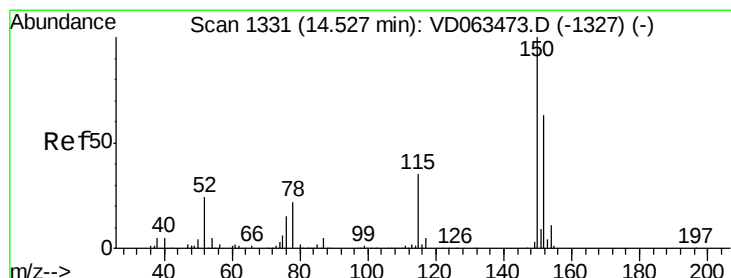
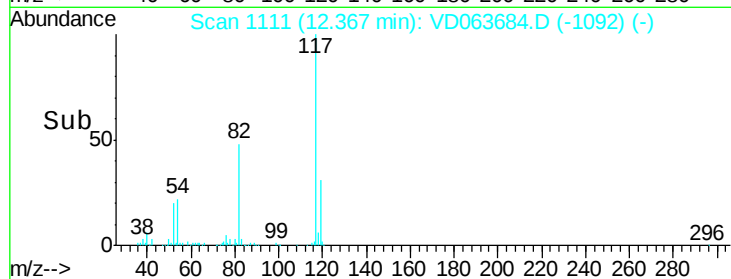
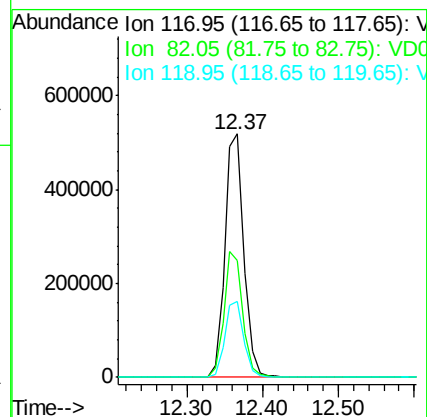
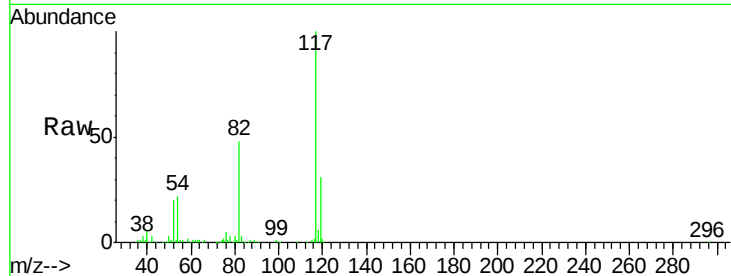




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063684.D
Acq: 20 Aug 2019 15:01

Instrument :
MSVOA_D
ClientSampleId :
T8-D-(2)RE

Tot Ion:117 Resp: 904950
Ion Ratio Lower Upper
117 100
82 48.2 42.0 63.0
119 31.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063684.D
Acq: 20 Aug 2019 15:01

Tgt Ion:152 Resp: 229716
Ion Ratio Lower Upper
152 100
115 50.8 30.9 92.7
150 152.4 0.0 318.6

