

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082019\
 Data File : VD063683.D
 Acq On : 20 Aug 2019 14:33
 Operator : JC/SY
 Sample : K4385-17RE
 Misc : 5.83g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-D-(0)RE

Quant Time: Aug 21 04:10:35 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

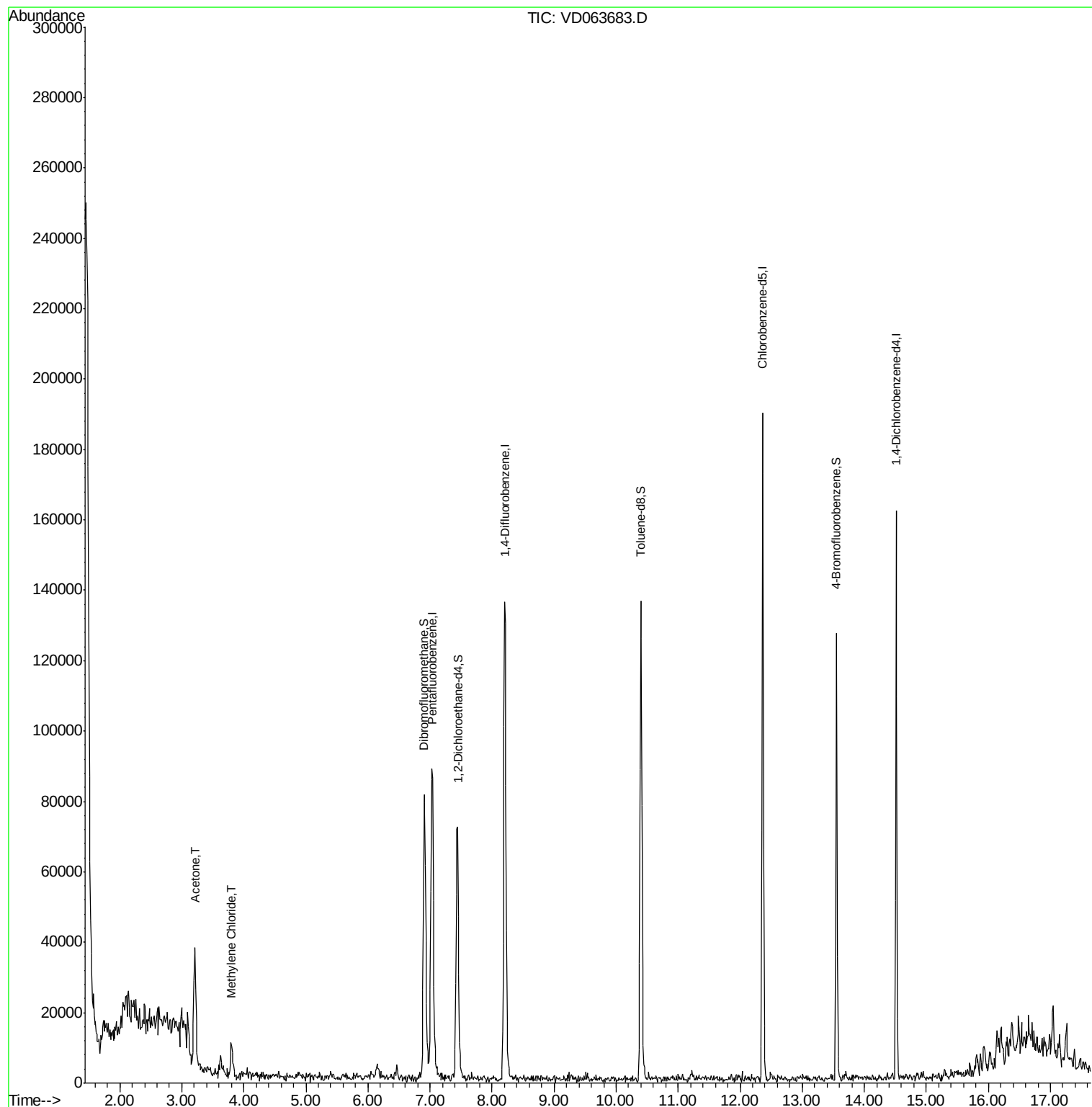
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	89510	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.20	114	151781	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	105829	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	36745	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	80655	84.30	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	168.60%	
35) Dibromofluoromethane	6.90	113	74228	58.07	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	116.14%	
50) Toluene-d8	10.40	98	113438	40.36	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	80.72%	
62) 4-Bromofluorobenzene	13.55	95	39819	31.26	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	62.52%	
Target Compounds						
16) Acetone	3.20	43	70593	362.951	ug/l #	92
20) Methylene Chloride	3.79	84	5269	6.265	ug/l #	73

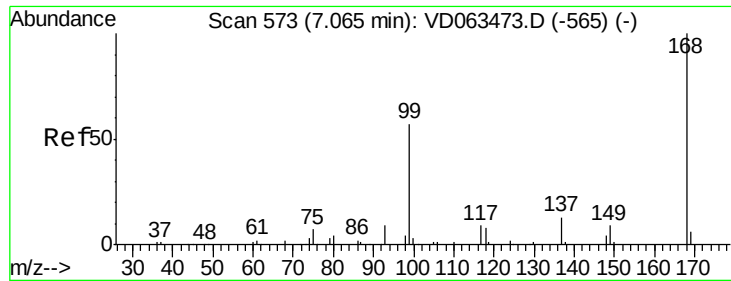
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

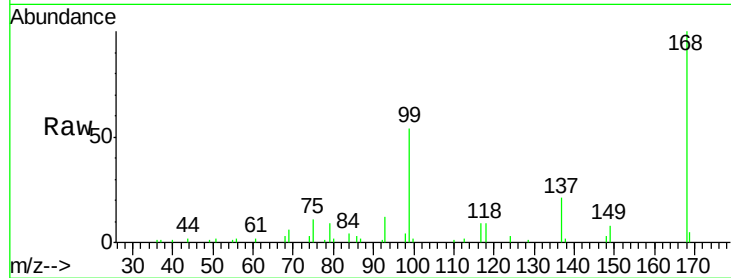
T8-D-(0)RE

Tot Ion:168 Resp: 89510

Ion Ratio Lower Upper

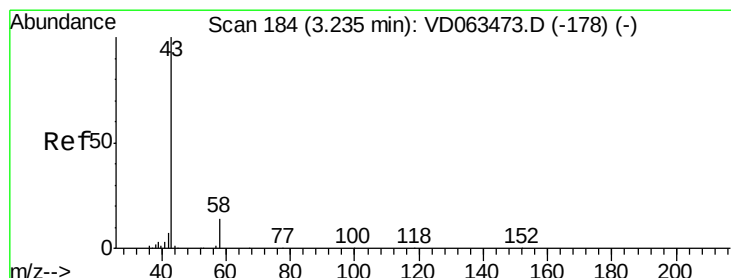
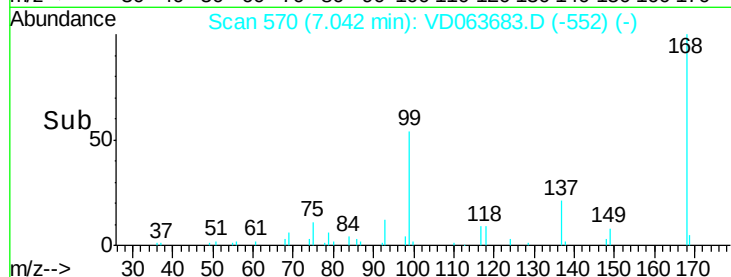
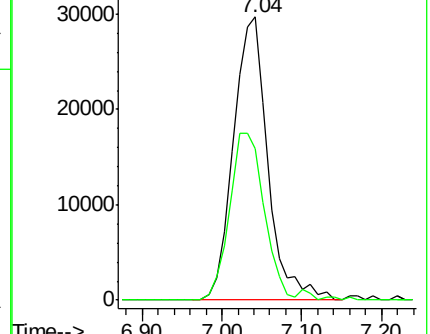
168 100

99 53.5 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: 362.951 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.03 min

Lab File: VD063683.D

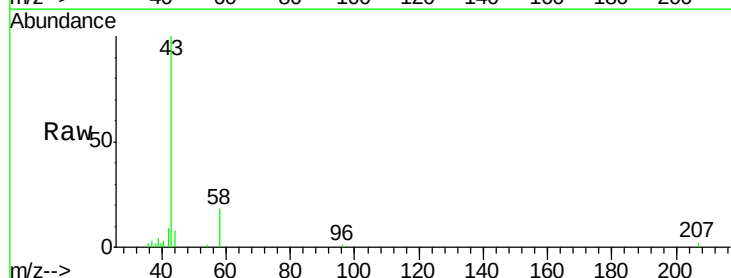
Acq: 20 Aug 2019 14:33

Tgt Ion: 43 Resp: 70593

Ion Ratio Lower Upper

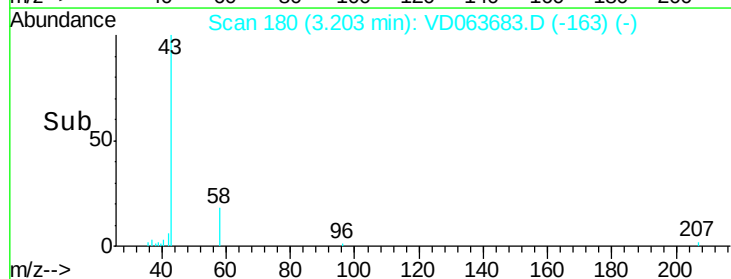
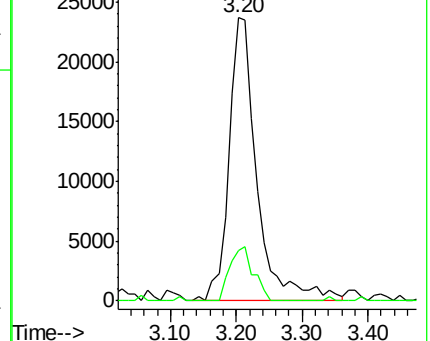
43 100

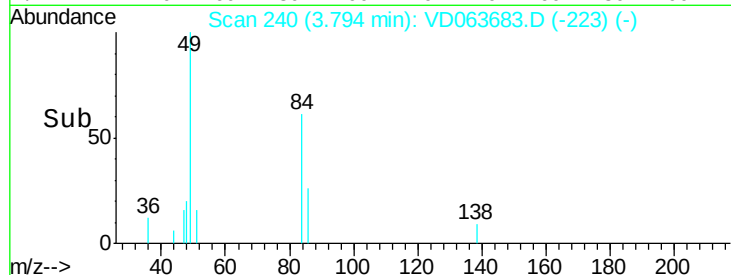
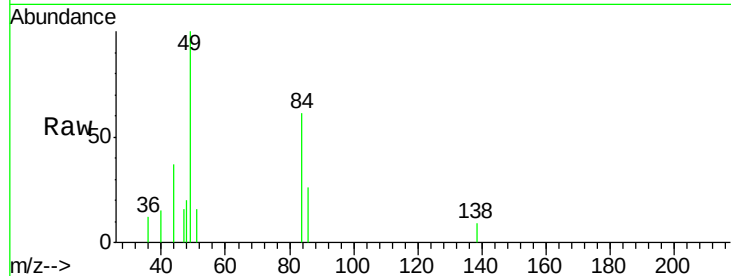
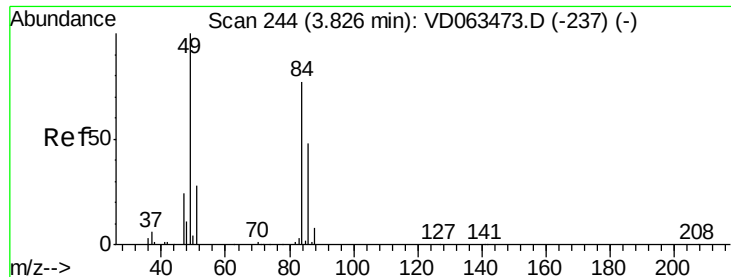
58 17.8 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

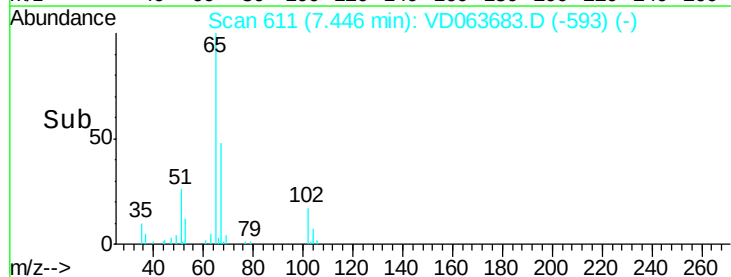
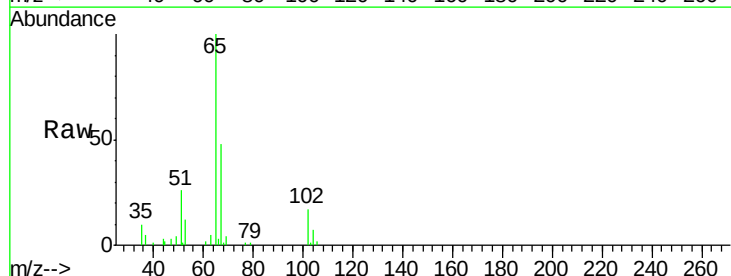
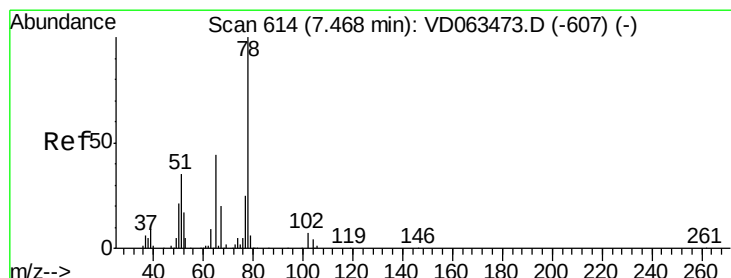
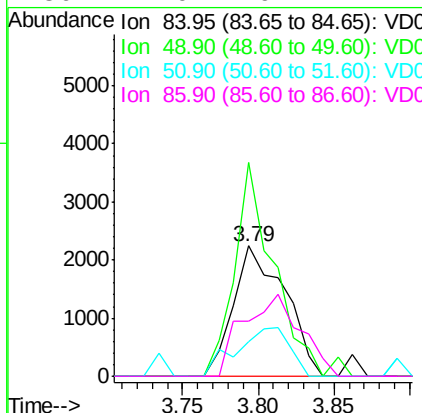




#20
Methylene Chloride
Concen: 6.265 ug/l
RT: 3.79 min Scan# 240
Delta R.T. -0.03 min
Lab File: VD063683.D
Acq: 20 Aug 2019 14:33

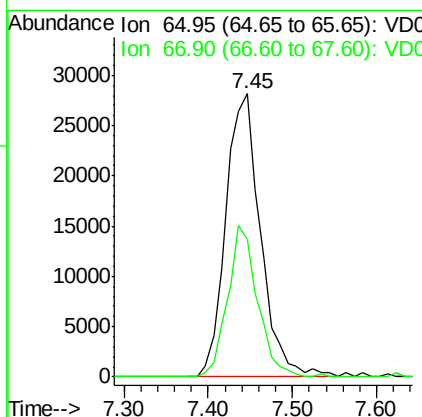
Instrument :
MSVOA_D
ClientSampleId :
T8-D-(0)RE

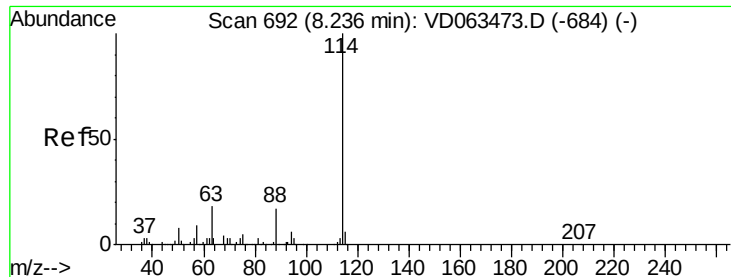
Tot Ion: 84 Resp: 5269
Ion Ratio Lower Upper
84 100
49 164.1 103.4 155.2#
51 26.2 28.5 42.7#
86 42.0 49.4 74.2#



#33
1,2-Dichloroethane-d4
Concen: 84.297 ug/l
RT: 7.45 min Scan# 611
Delta R.T. -0.02 min
Lab File: VD063683.D
Acq: 20 Aug 2019 14:33

Tgt Ion: 65 Resp: 80655
Ion Ratio Lower Upper
65 100
67 48.4 0.0 89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 688

Delta R.T. -0.03 min

Lab File: VD063683.D

Acq: 20 Aug 2019 14:33

Instrument :

MSVOA_D

ClientSampleId :

T8-D-(0)RE

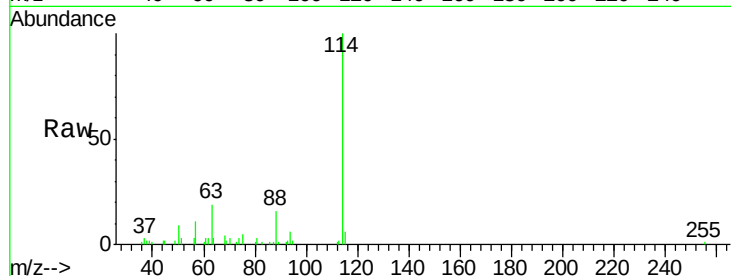
Tot Ion:114 Resp: 151781

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.2

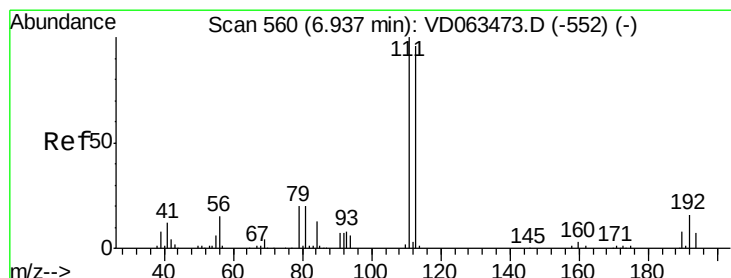
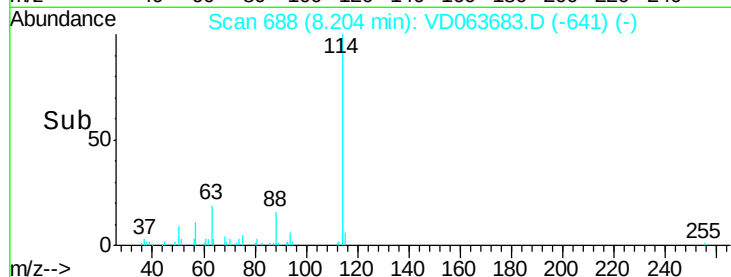
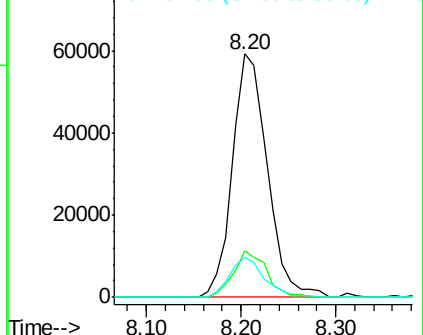
88 16.4 0.0 35.0



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: 58.067 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.03 min

Lab File: VD063683.D

Acq: 20 Aug 2019 14:33

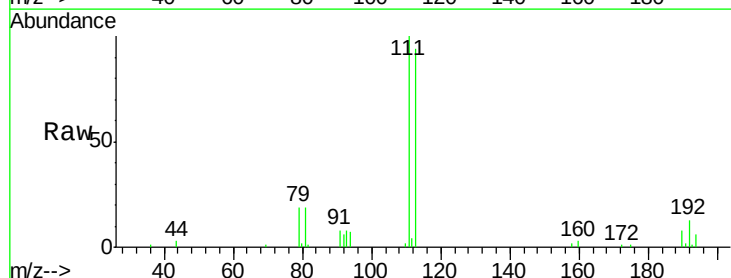
Tgt Ion:113 Resp: 74228

Ion Ratio Lower Upper

113 100

111 106.6 83.1 124.7

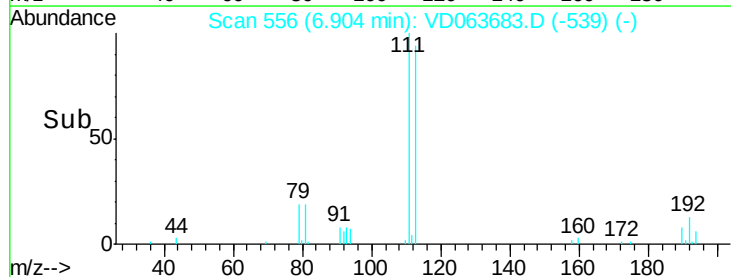
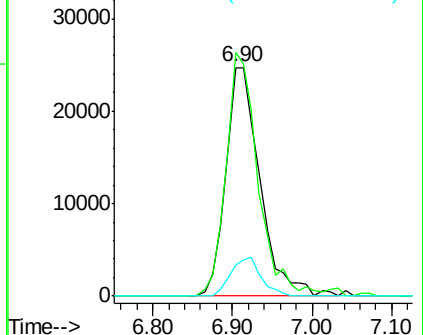
192 13.5 13.1 19.7

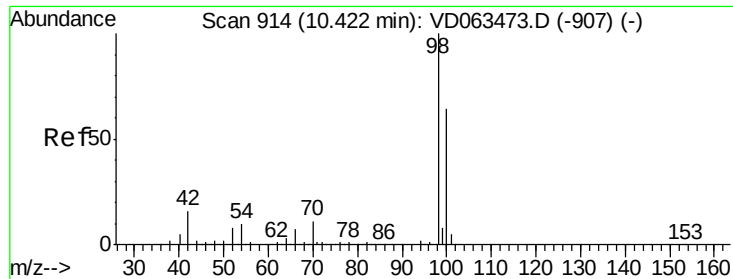


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

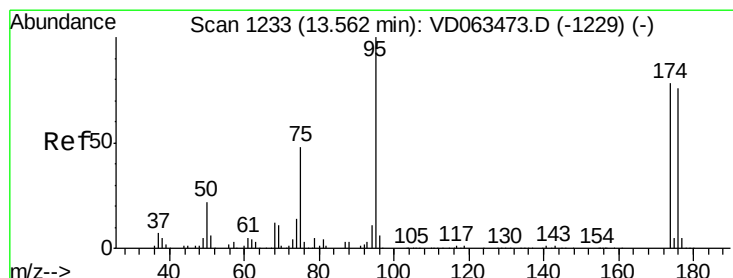
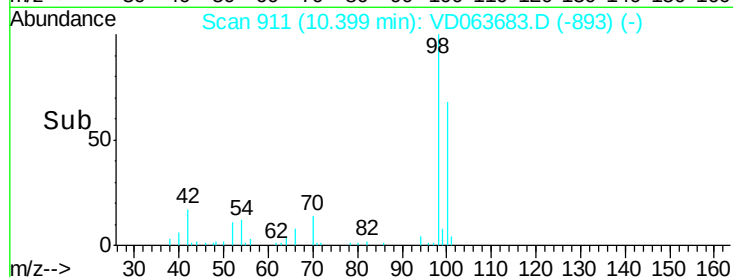
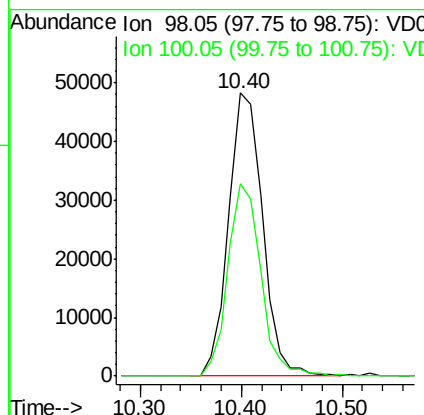
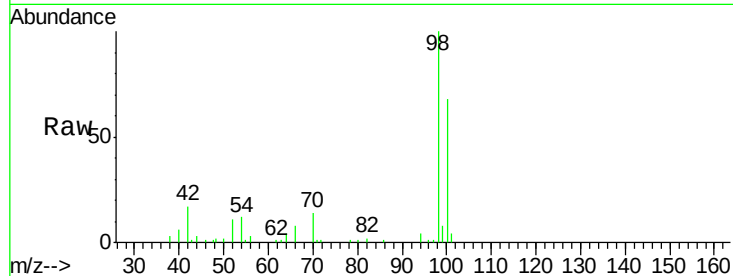




#50
Toluene-d8
Concen: 40.363 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.02 min
Lab File: VD063683.D
Acq: 20 Aug 2019 14:33

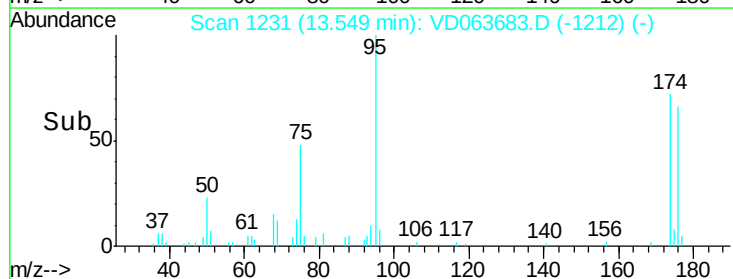
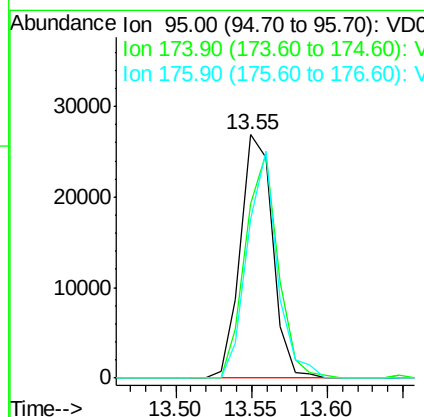
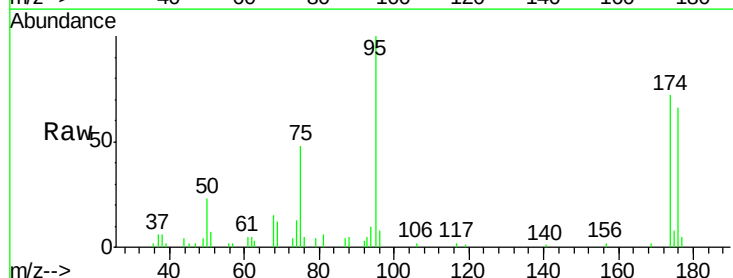
Instrument :
MSVOA_D
ClientSampleId :
T8-D-(0)RE

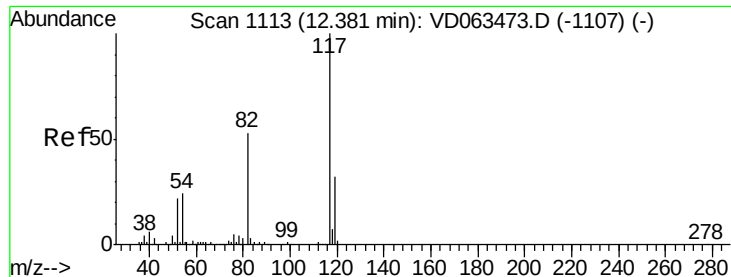
Tot Ion: 98 Resp: 113438
Ion Ratio Lower Upper
98 100
100 68.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 31.260 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063683.D
Acq: 20 Aug 2019 14:33

Tgt Ion: 95 Resp: 39819
Ion Ratio Lower Upper
95 100
174 71.8 0.0 155.4
176 65.5 0.0 152.4

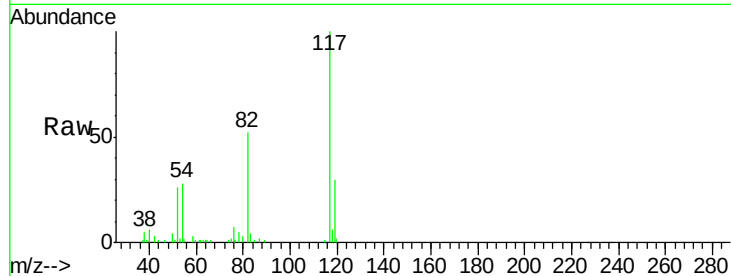




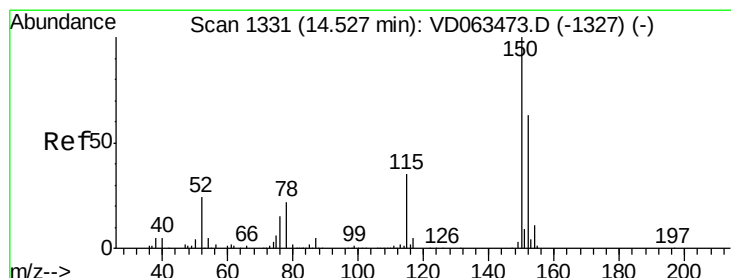
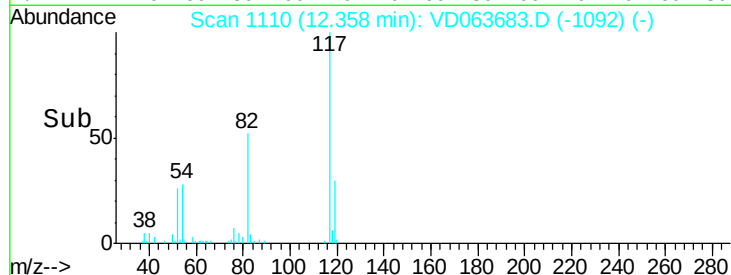
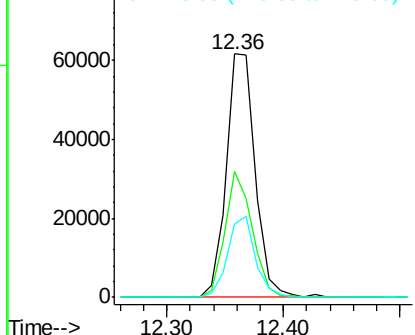
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD063683.D
Acq: 20 Aug 2019 14:33

Instrument :
MSVOA_D
ClientSampleId :
T8-D-(0)RE

Tot Ion:117 Resp: 105829
Ion Ratio Lower Upper
117 100
82 51.6 42.0 63.0
119 30.4 25.4 38.0

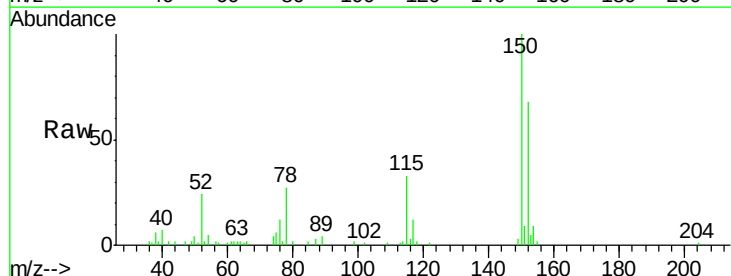


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063683.D
Acq: 20 Aug 2019 14:33

Tgt Ion:152 Resp: 36745
Ion Ratio Lower Upper
152 100
115 48.8 30.9 92.7
150 146.7 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

