

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081919\
 Data File : VD063656.D
 Acq On : 19 Aug 2019 14:35
 Operator : JC/SY
 Sample : K4406-01
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-011-IDWSO-20190816

Quant Time: Aug 20 08:35:47 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

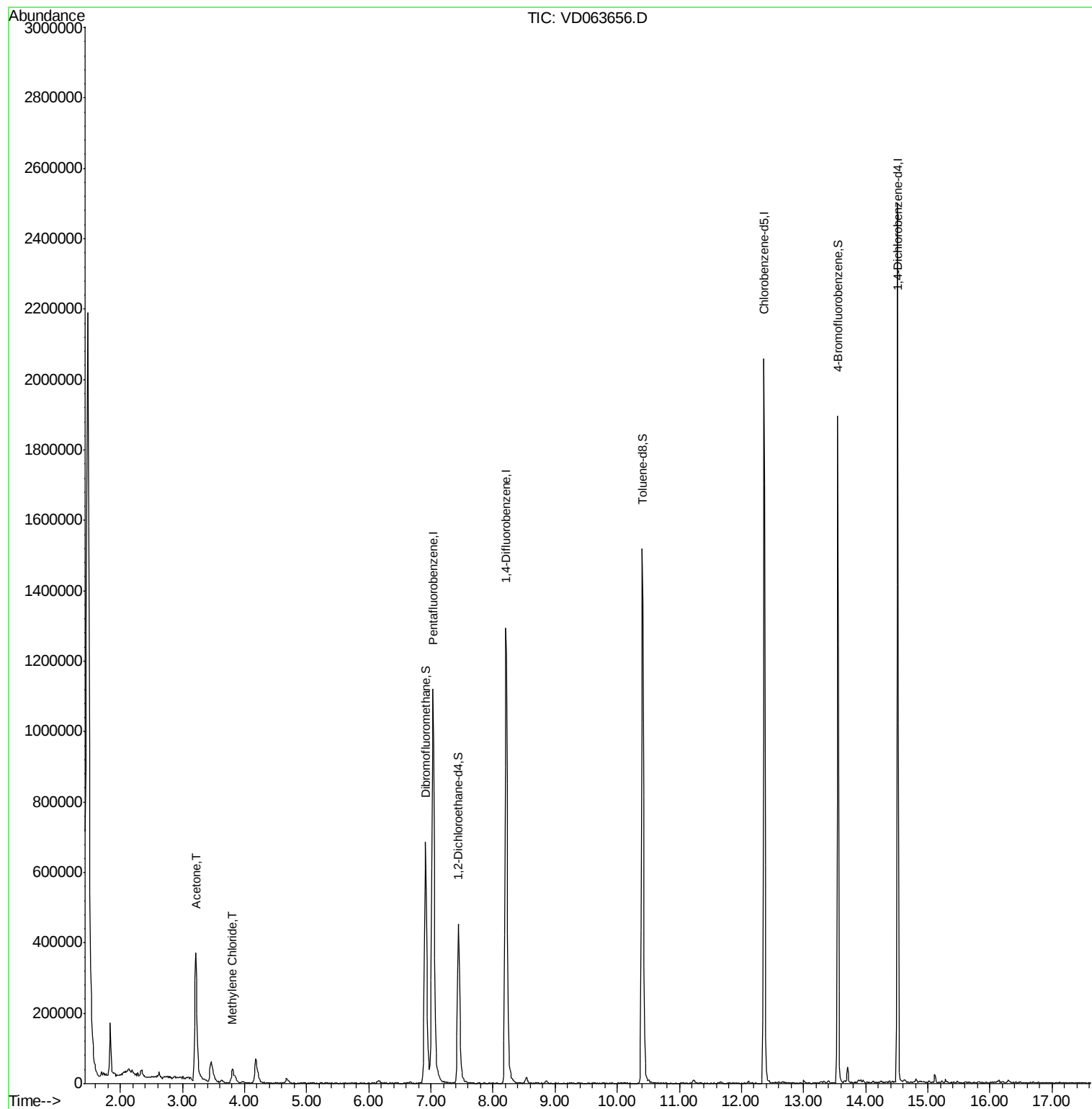
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	1131717	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1457523	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1142756	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	529871	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	525935	43.48	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	86.96%	
35) Dibromofluoromethane	6.92	113	604293	49.23	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	98.46%	
50) Toluene-d8	10.40	98	1271571	47.12	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	94.24%	
62) 4-Bromofluorobenzene	13.55	95	500858	40.95	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	81.90%	
Target Compounds						
16) Acetone	3.22	43	710420	288.892	ug/l	94
20) Methylene Chloride	3.81	84	22667	2.132	ug/l	85

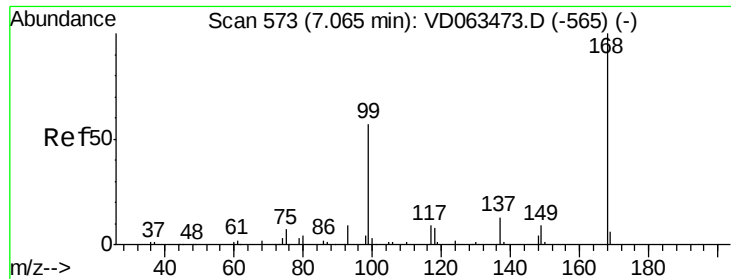
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.03 min

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Instrument :

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ClientSampleId :

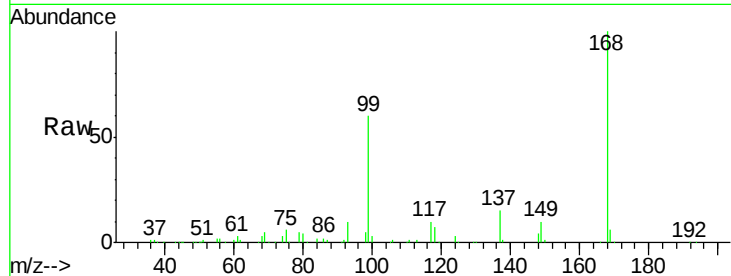
TT-011-IDWSO-20190816

Tot Ion:168 Resp: 1131717

Ion Ratio Lower Upper

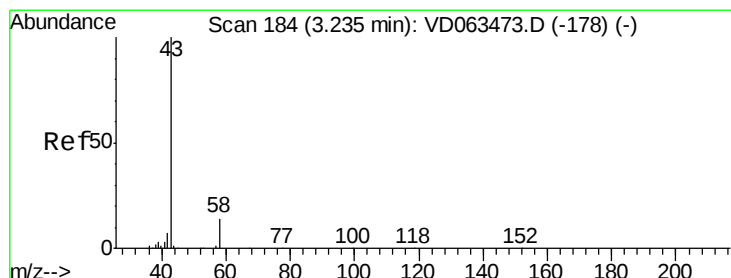
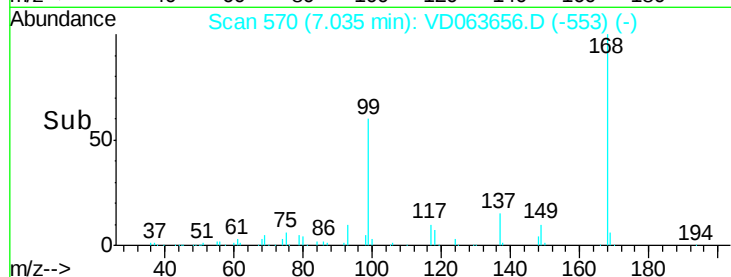
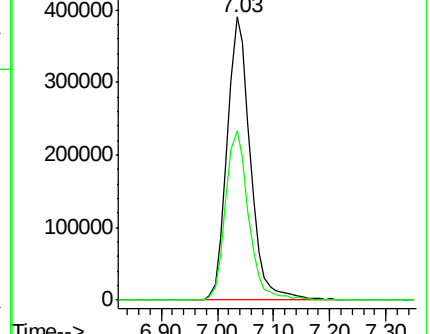
168 100

99 59.8 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: 288.892 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063656.D

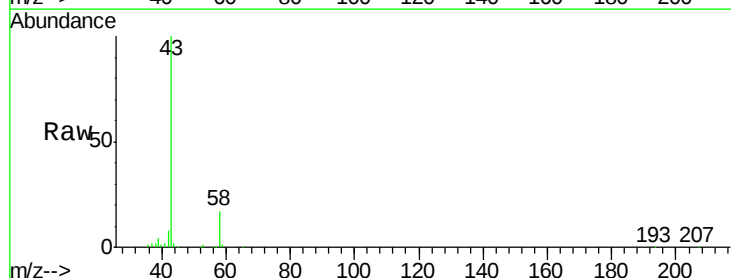
Acq: 19 Aug 2019 14:35

Tgt Ion: 43 Resp: 710420

Ion Ratio Lower Upper

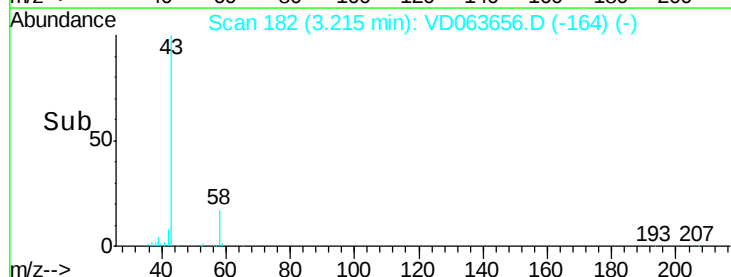
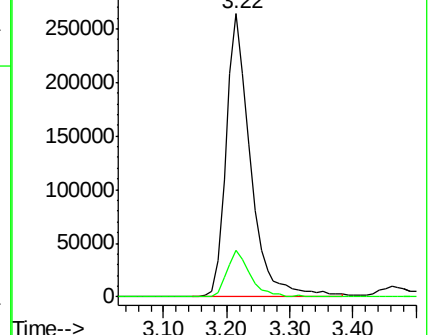
43 100

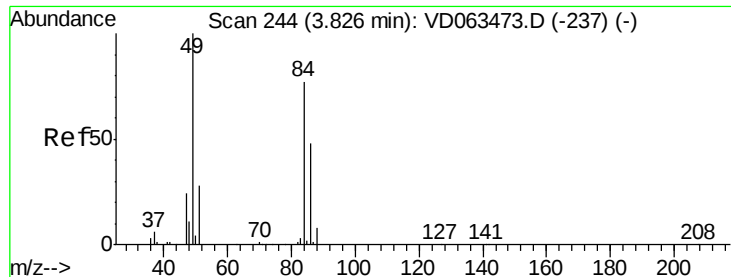
58 16.6 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

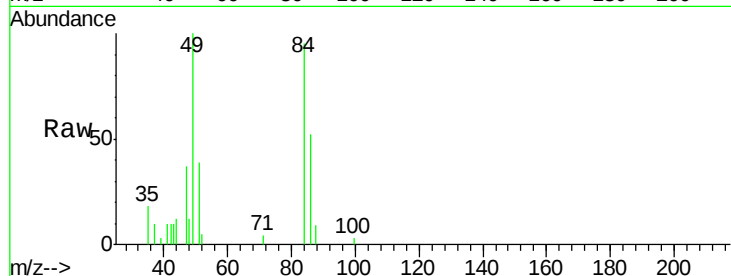




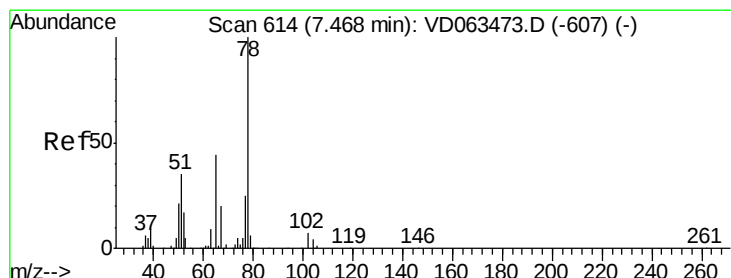
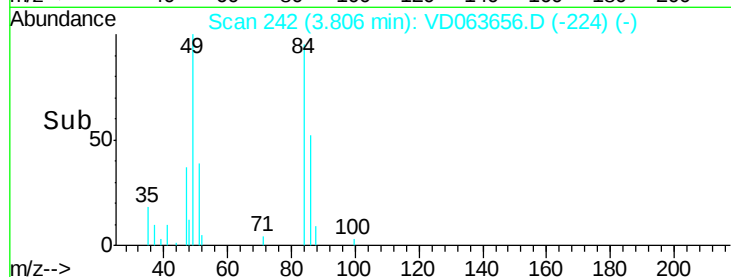
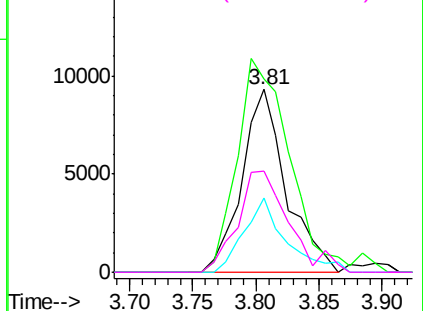
#20
Methylene Chloride
Concen: 2.132 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD063656.D
Acq: 19 Aug 2019 14:35

Instrument :
MSVOA_D
ClientSampleId :
TT-011-IDWSO-20190816

Tot Ion: 84 Resp: 22667
Ion Ratio Lower Upper
84 100
49 105.7 103.4 155.2
51 40.8 28.5 42.7
86 55.3 49.4 74.2

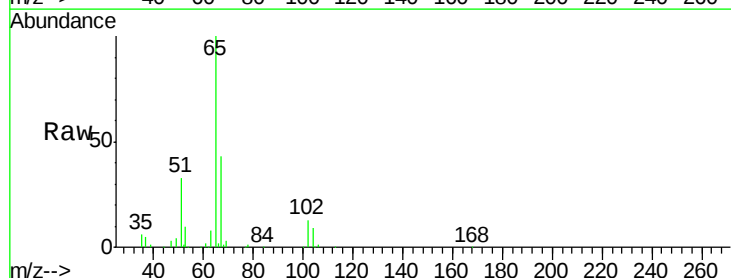


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

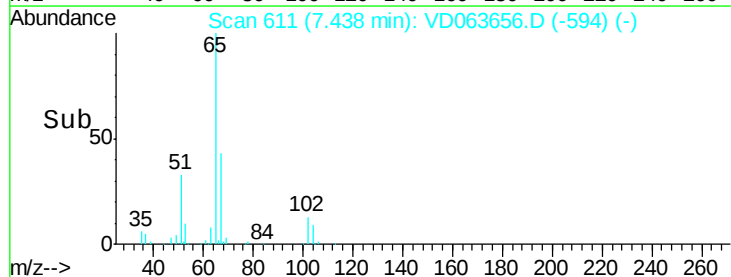
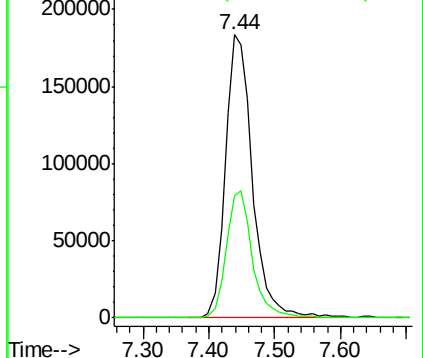


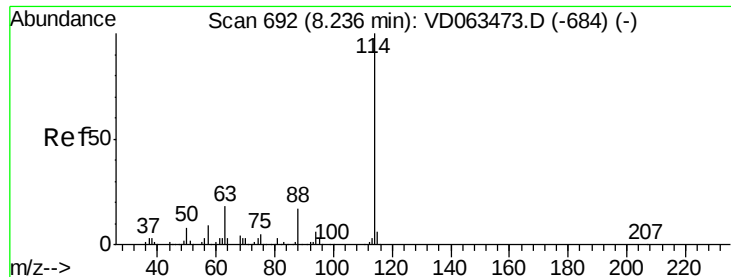
#33
1,2-Dichloroethane-d4
Concen: 43.476 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.03 min
Lab File: VD063656.D
Acq: 19 Aug 2019 14:35

Tgt Ion: 65 Resp: 525935
Ion Ratio Lower Upper
65 100
67 43.0 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. -0.03 min

Lab File: VD063656.D

Acq: 19 Aug 2019 14:35

Instrument :

MSVOA_D

ClientSampleId :

TT-011-IDWSO-20190816

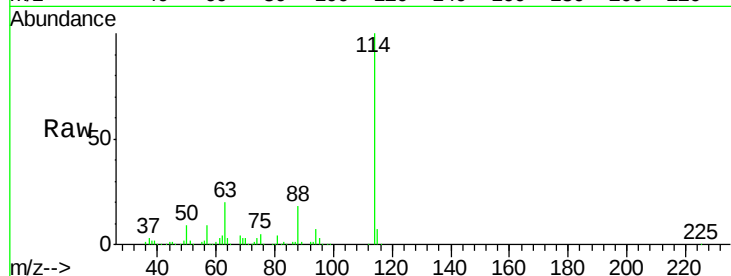
Tot Ion:114 Resp: 1457523

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.2

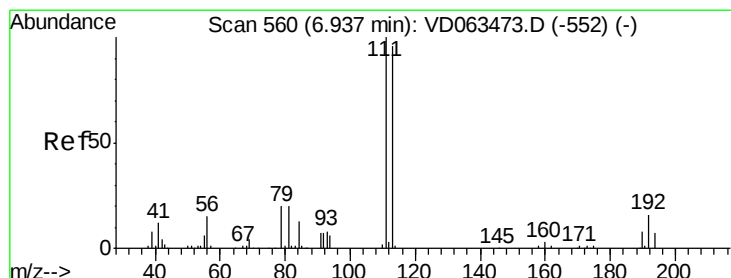
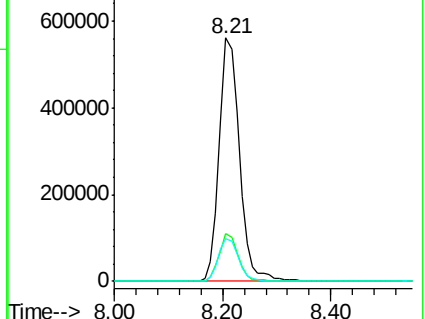
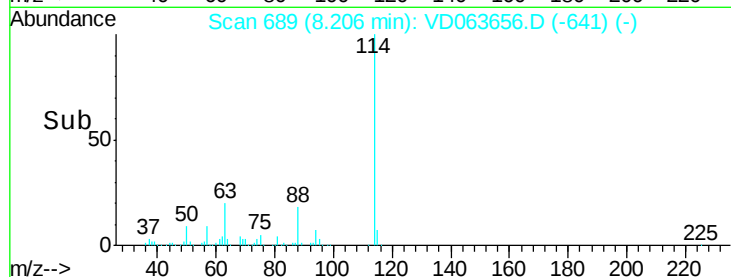
88 17.5 0.0 35.0



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: 49.228 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063656.D

Acq: 19 Aug 2019 14:35

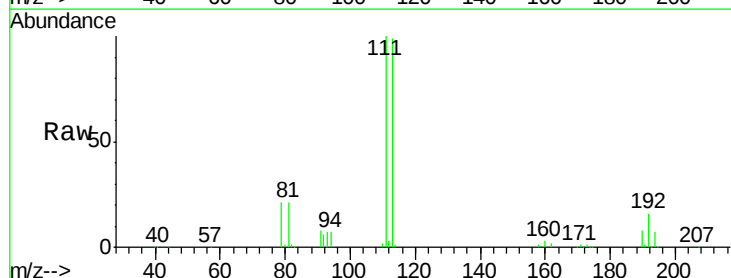
Tgt Ion:113 Resp: 604293

Ion Ratio Lower Upper

113 100

111 101.4 83.1 124.7

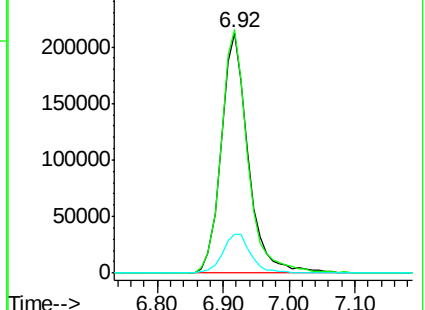
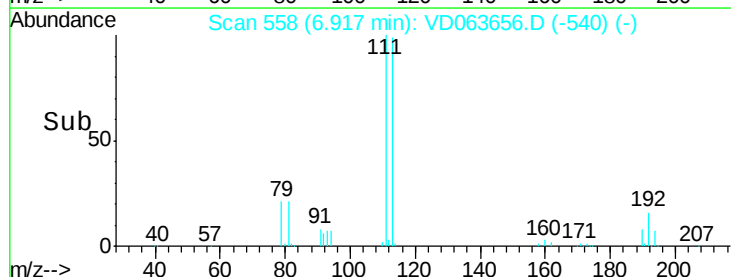
192 16.2 13.1 19.7

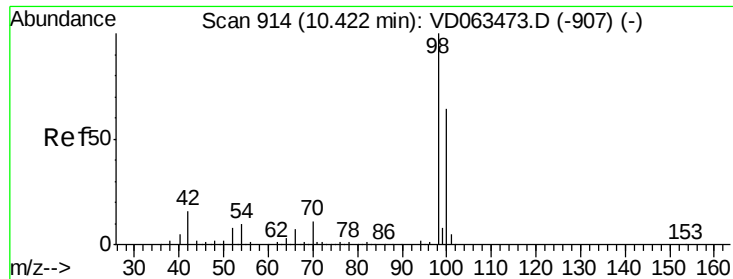


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

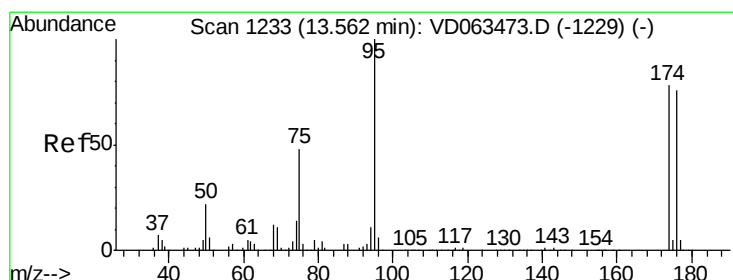
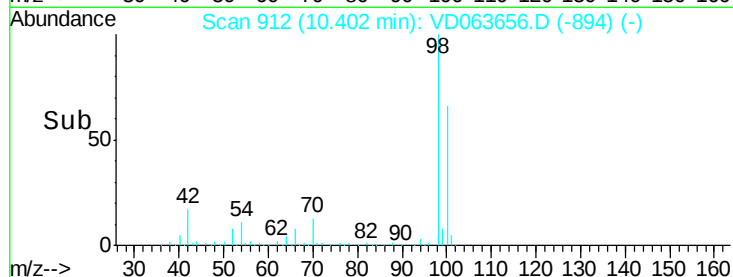
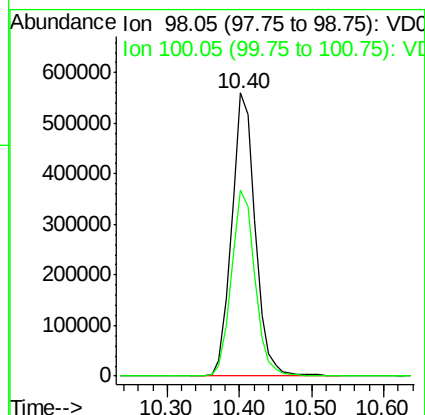
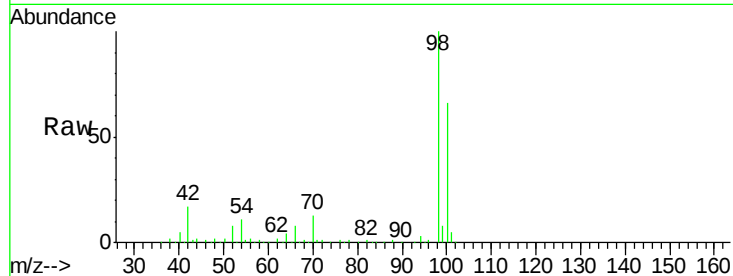




#50
Toluene-d8
Concen: 47.116 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063656.D
Acq: 19 Aug 2019 14:35

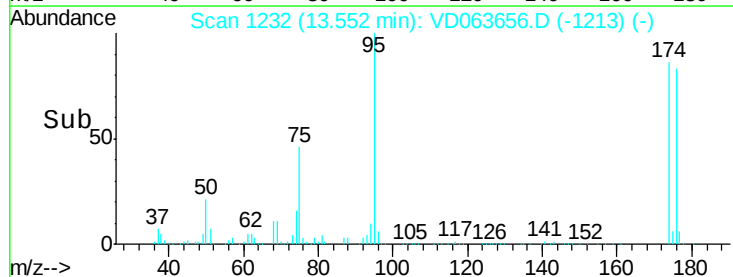
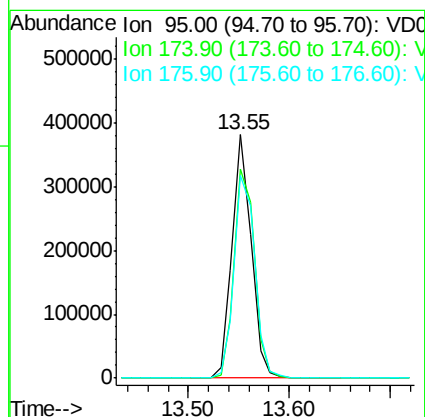
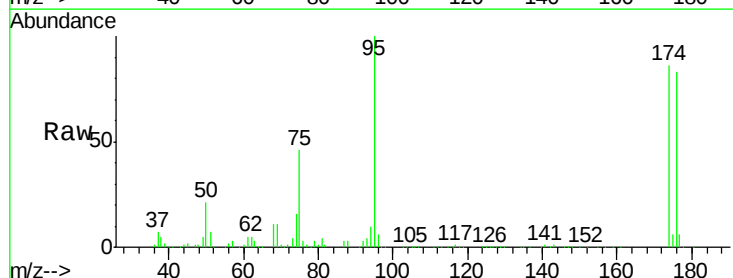
Instrument :
MSVOA_D
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TT-011-IDWSO-20190816

Tot Ion: 98 Resp: 1271571
Ion Ratio Lower Upper
98 100
100 65.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 40.946 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063656.D
Acq: 19 Aug 2019 14:35

Tgt Ion: 95 Resp: 500858
Ion Ratio Lower Upper
95 100
174 86.0 0.0 155.4
176 83.4 0.0 152.4

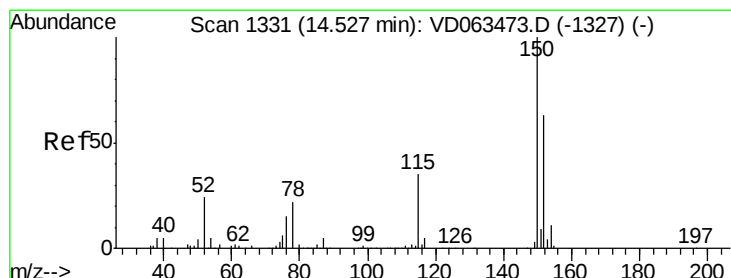
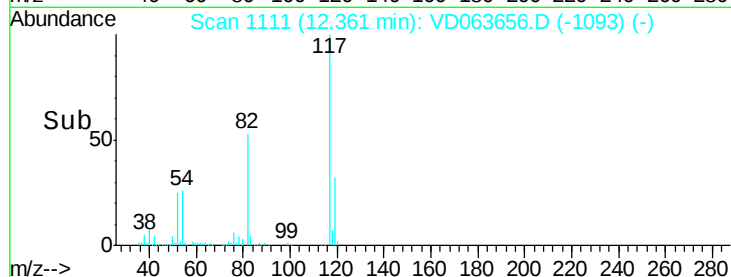
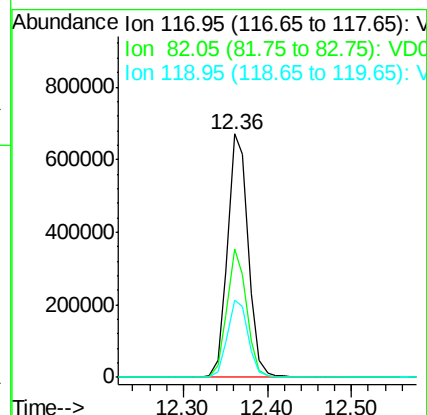
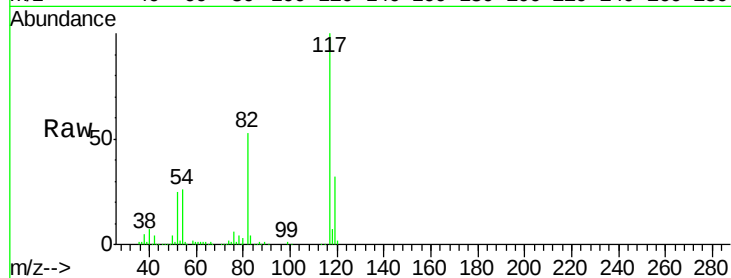




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063656.D
Acq: 19 Aug 2019 14:35

Instrument :
MSVOA_D
ClientSampleId :
TT-011-IDWSO-20190816

Tot Ion:117 Resp: 1142756
Ion Ratio Lower Upper
117 100
82 52.6 42.0 63.0
119 32.0 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: VD063656.D
Acq: 19 Aug 2019 14:35

Tgt Ion:152 Resp: 529871
Ion Ratio Lower Upper
152 100
115 55.3 30.9 92.7
150 156.7 0.0 318.6

