

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063538.D
 Acq On : 13 Aug 2019 20:16
 Operator : JC/SY
 Sample : K4319-07
 Misc : 6.25g/5ml/MSVOA D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TEST-PIT-2

Quant Time: Aug 14 09:21:35 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

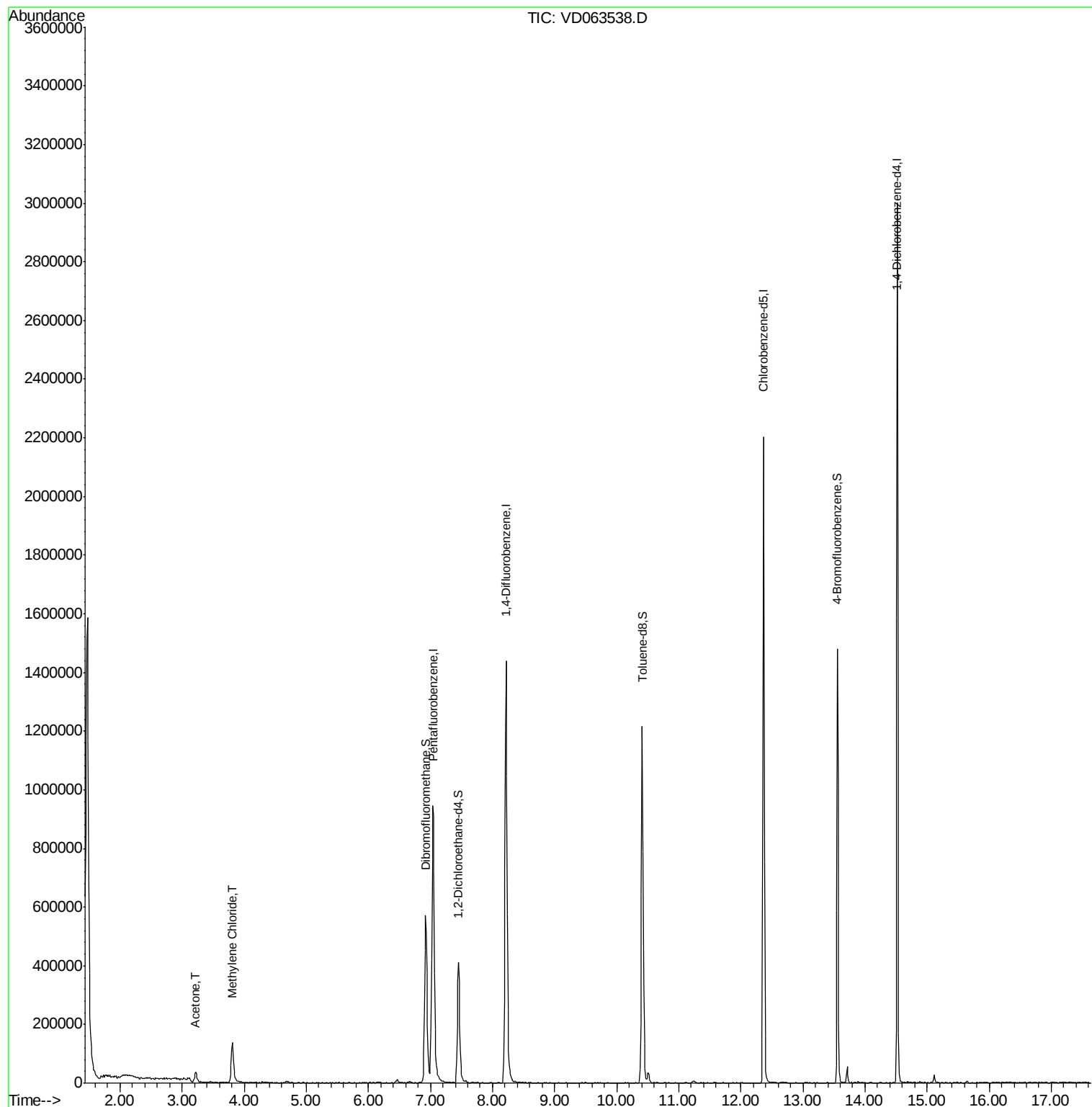
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	987565	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1517923	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	1245733	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	598280	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	445970	42.25	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	84.50%	
35) Dibromofluoromethane	6.92	113	508572	39.78	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	79.56%	
50) Toluene-d8	10.41	98	1006347	35.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.62%	
62) 4-Bromofluorobenzene	13.56	95	389715	30.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.18%	
Target Compounds						
16) Acetone	3.22	43	67159	31.297	ug/l #	86
20) Methylene Chloride	3.81	84	88664	9.555	ug/l #	88

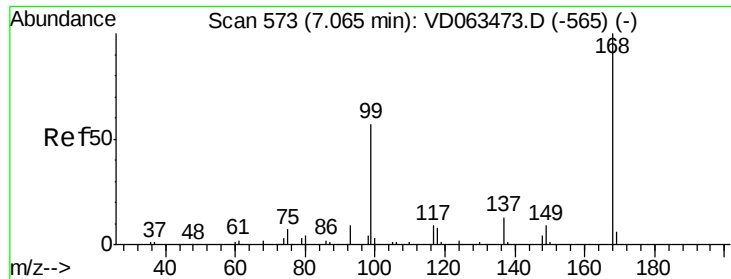
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063538.D

Acq: 13 Aug 2019 20:16

Instrument :

MSVOA_D

ClientSampleId :

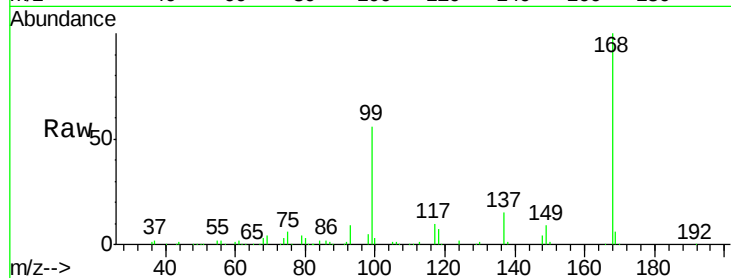
TEST-PIT-2

Tot Ion:168 Resp: 987565

Ion Ratio Lower Upper

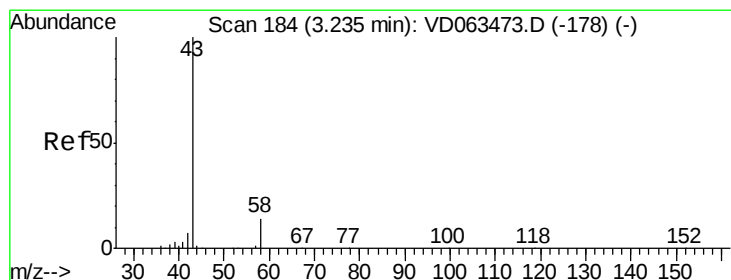
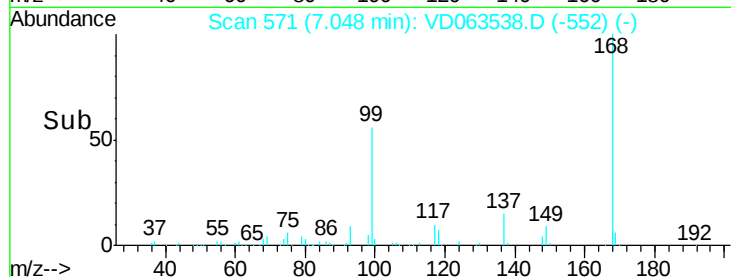
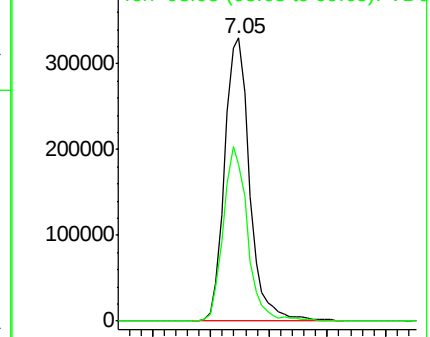
168 100

99 55.5 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: 31.297 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063538.D

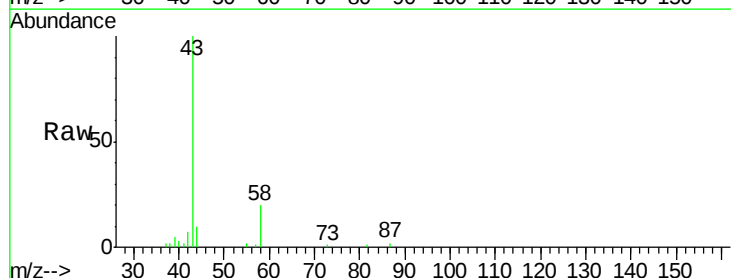
Acq: 13 Aug 2019 20:16

Tgt Ion: 43 Resp: 67159

Ion Ratio Lower Upper

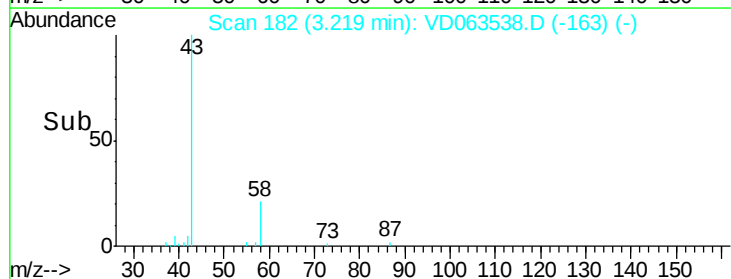
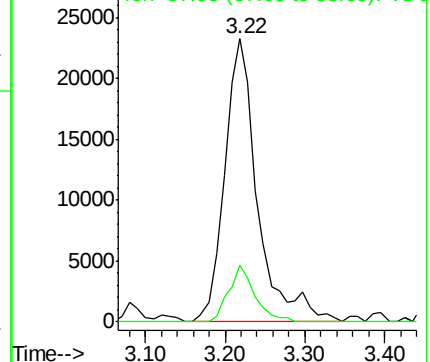
43 100

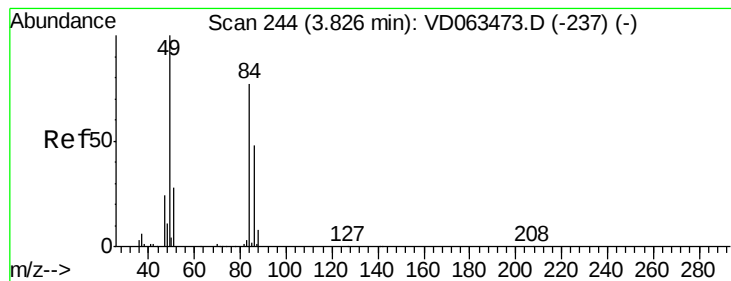
58 20.1 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 9.555 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.02 min

Lab File: VD063538.D

Acq: 13 Aug 2019 20:16

Instrument :

MSVOA_D

ClientSampleId :

TEST-PIT-2

Tot Ion: 84 Resp: 88664

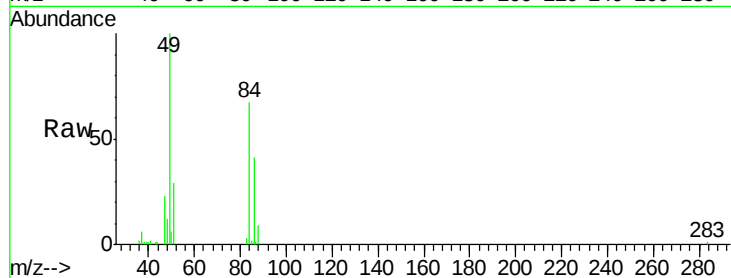
Ion Ratio Lower Upper

84 100

49 150.2 103.4 155.2

51 43.3 28.5 42.7#

86 62.0 49.4 74.2

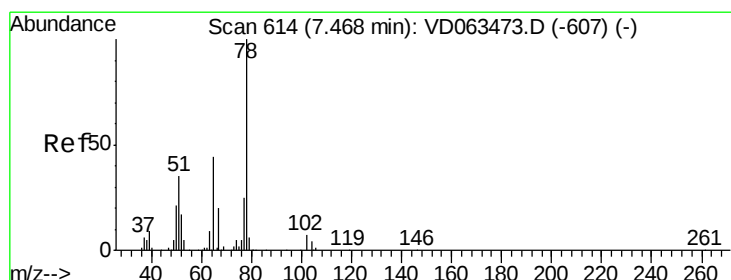
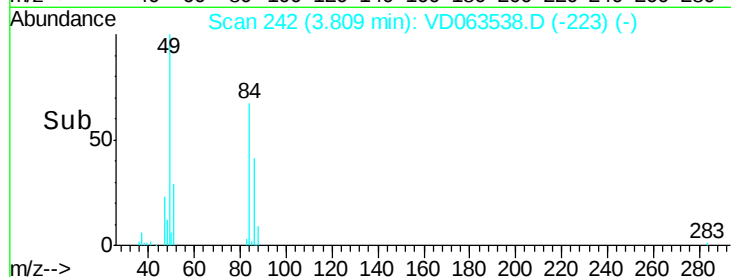
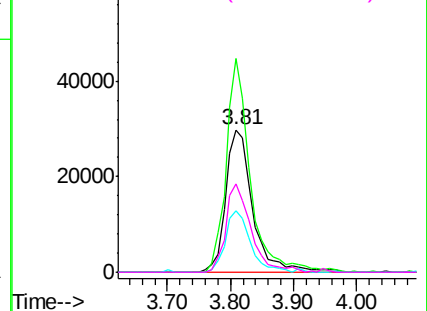


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 42.247 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063538.D

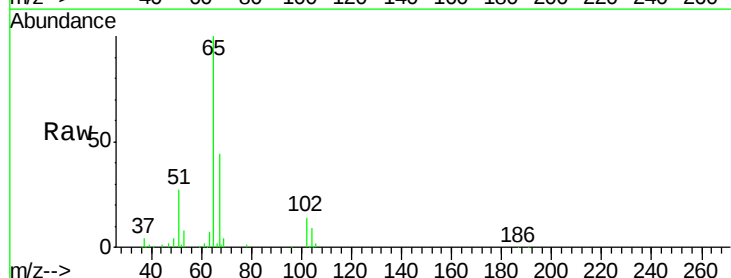
Acq: 13 Aug 2019 20:16

Tgt Ion: 65 Resp: 445970

Ion Ratio Lower Upper

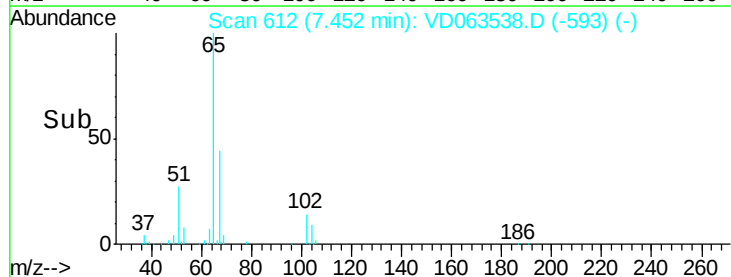
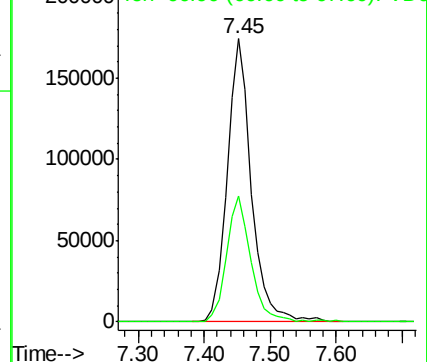
65 100

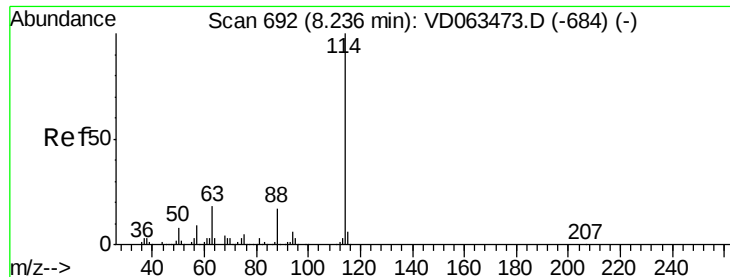
67 44.3 0.0 89.2



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. -0.02 min

Lab File: VD063538.D

Acq: 13 Aug 2019 20:16

Instrument :

MSVOA_D

ClientSampleId :

TEST-PIT-2

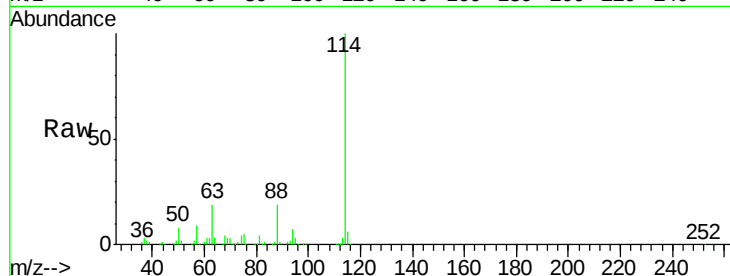
Tot Ion:114 Resp: 1517923

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.2

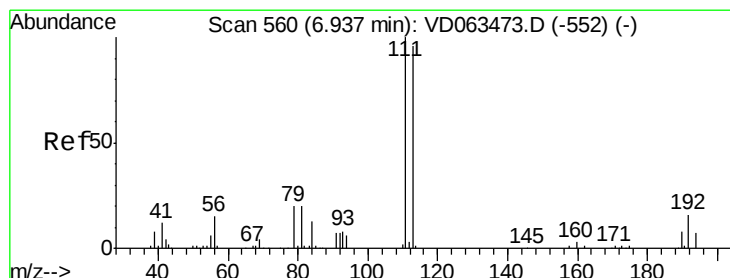
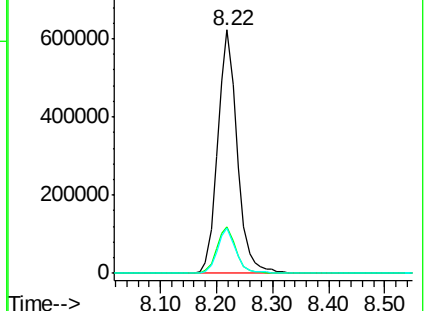
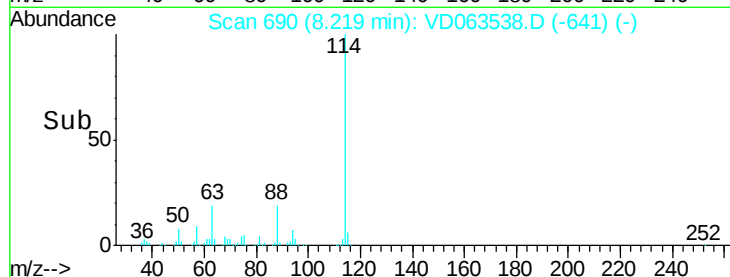
88 18.6 0.0 35.0



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: 39.782 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063538.D

Acq: 13 Aug 2019 20:16

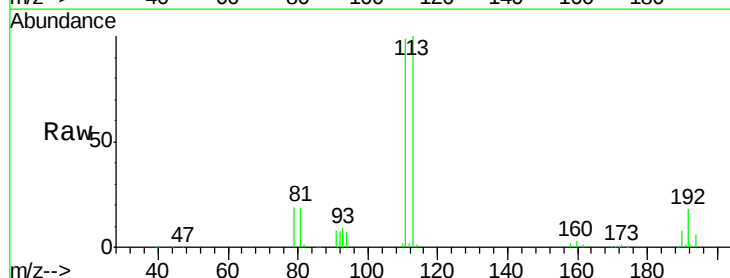
Tgt Ion:113 Resp: 508572

Ion Ratio Lower Upper

113 100

111 99.4 83.1 124.7

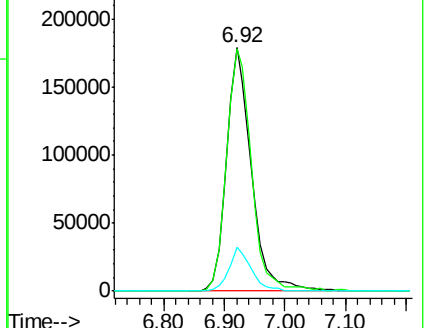
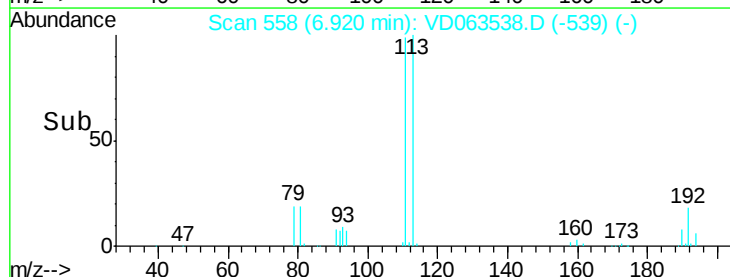
192 18.1 13.1 19.7

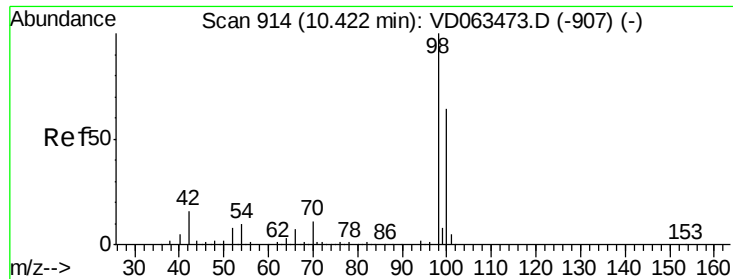


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

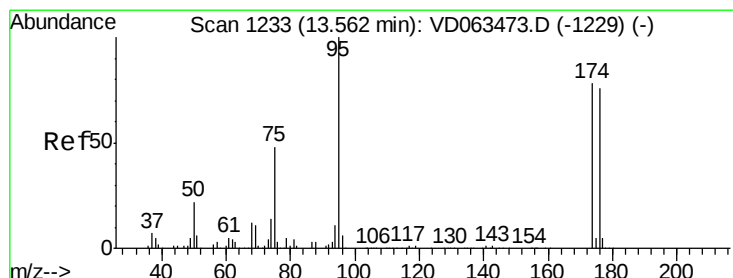
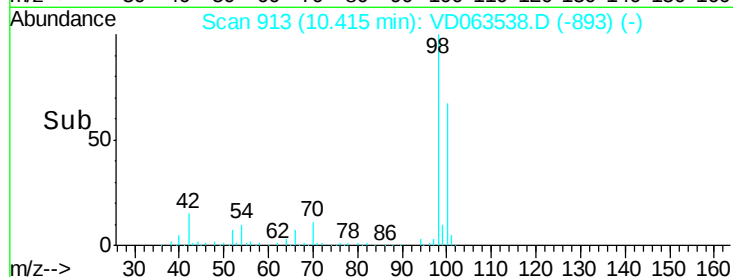
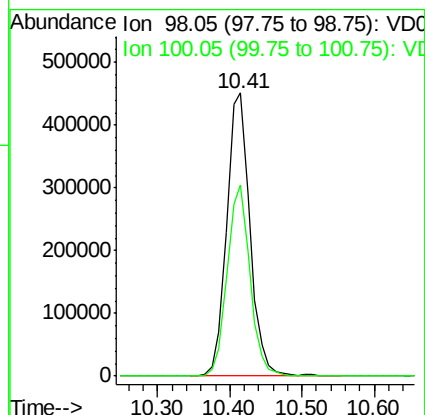
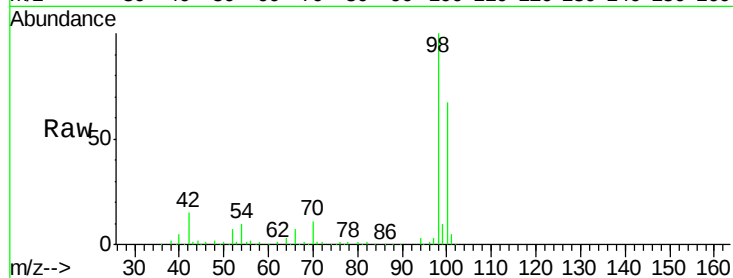




#50
Toluene-d8
Concen: 35.805 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063538.D
Acq: 13 Aug 2019 20:16

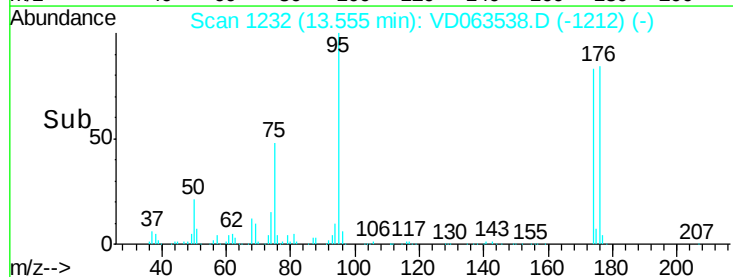
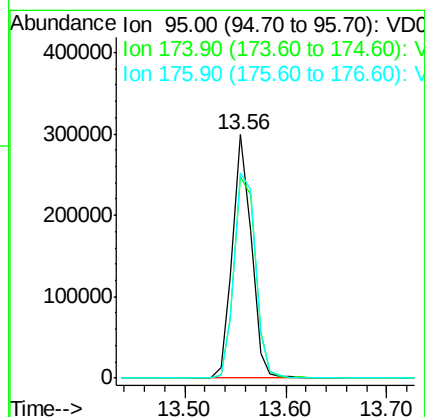
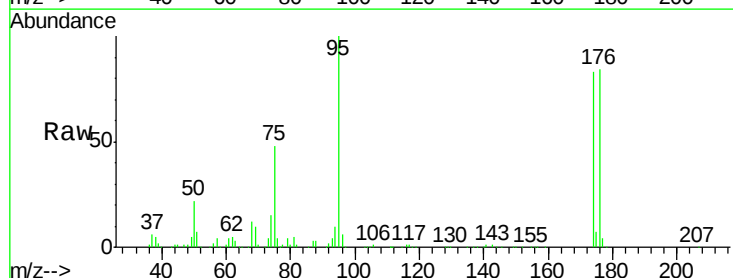
Instrument :
MSVOA_D
ClientSampleId :
TEST-PIT-2

Tot Ion: 98 Resp: 1006347
Ion Ratio Lower Upper
98 100
100 67.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 30.592 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063538.D
Acq: 13 Aug 2019 20:16

Tgt Ion: 95 Resp: 389715
Ion Ratio Lower Upper
95 100
174 82.5 0.0 155.4
176 84.5 0.0 152.4

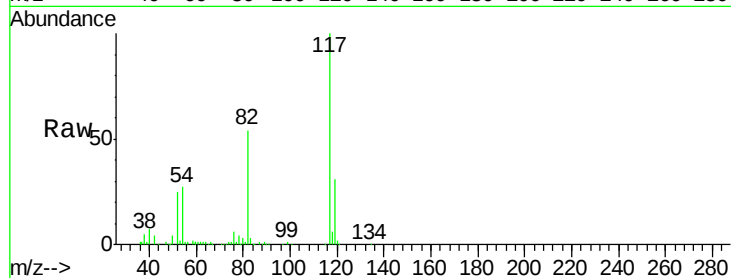




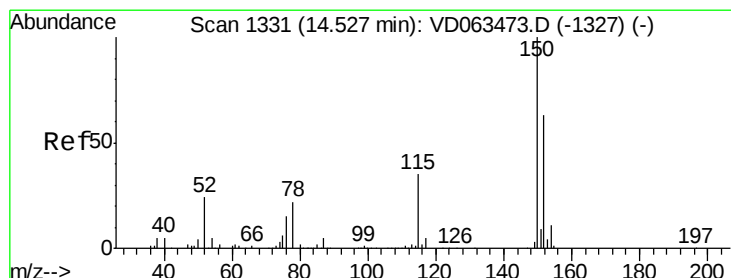
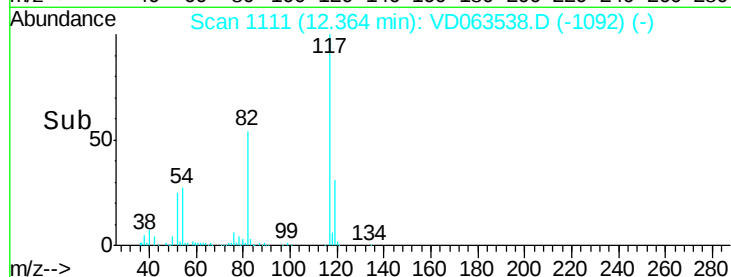
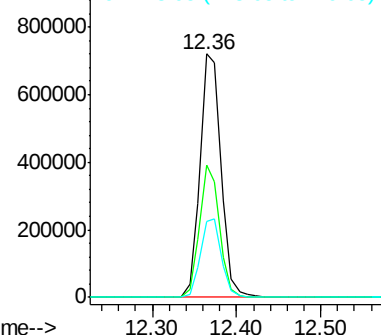
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063538.D
Acq: 13 Aug 2019 20:16

Instrument :
MSVOA_D
ClientSampleId :
TEST-PIT-2

Tot Ion:117 Resp: 1245733
Ion Ratio Lower Upper
117 100
82 54.2 42.0 63.0
119 31.3 25.4 38.0

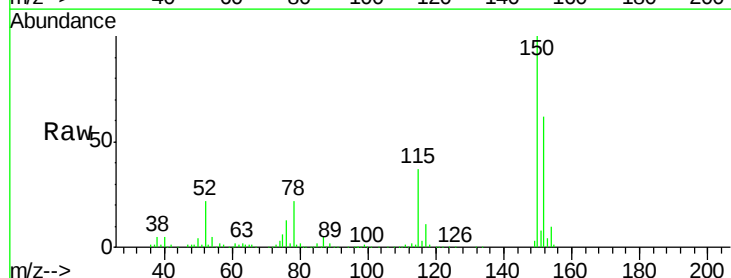


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063538.D
Acq: 13 Aug 2019 20:16

Tgt Ion:152 Resp: 598280
Ion Ratio Lower Upper
152 100
115 59.7 30.9 92.7
150 161.6 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

