

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081919\
 Data File : VD063665.D
 Acq On : 19 Aug 2019 18:40
 Operator : JC/SY
 Sample : K4401-03
 Misc : 6.69g/5ml/MSVOA D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1359B

Quant Time: Aug 20 08:56:45 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

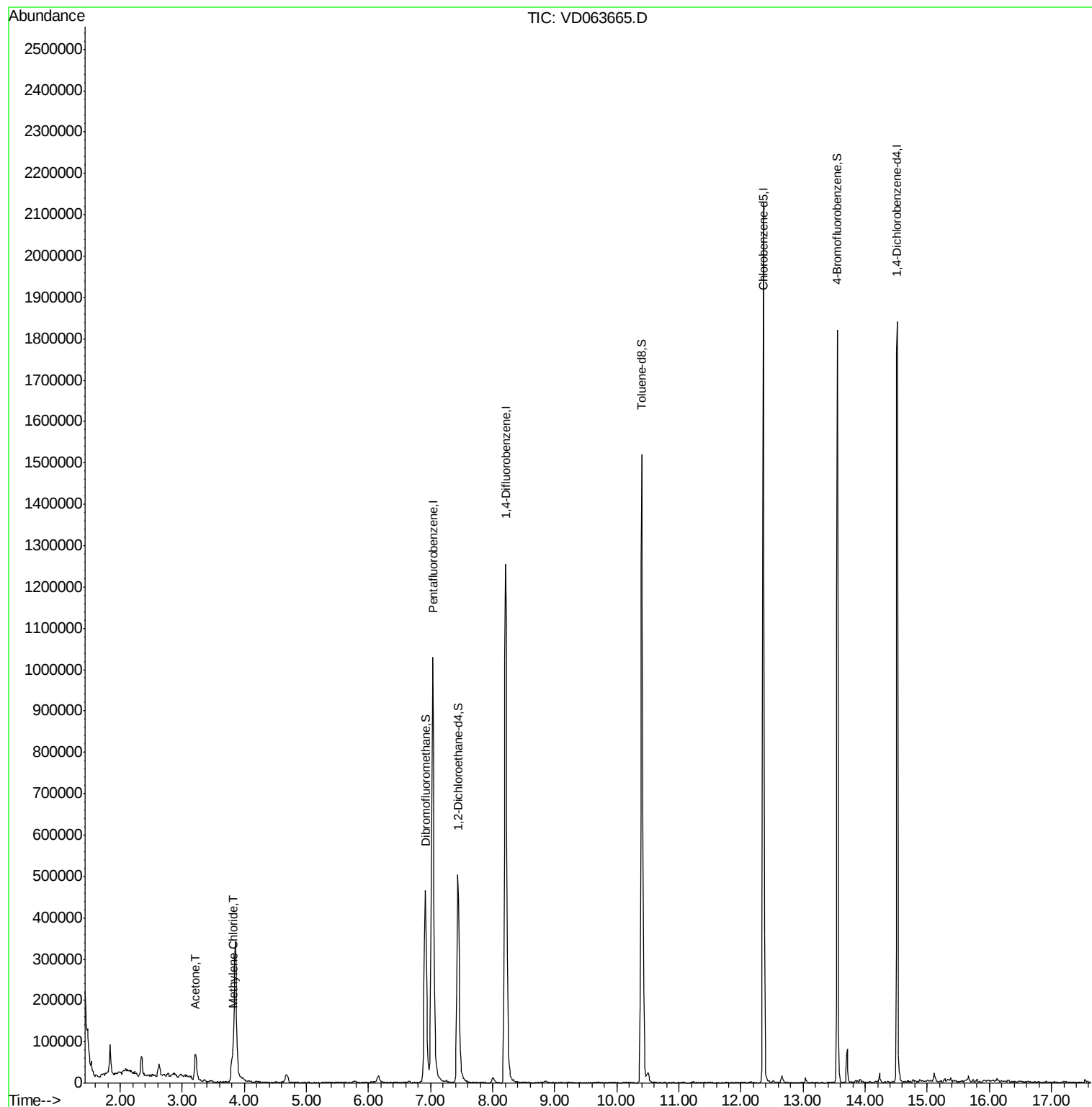
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1017039	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1426604	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1149138	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	456138	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	575523	52.94	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	105.88%	
35) Dibromofluoromethane	6.91	113	425010	35.37	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	70.74%	
50) Toluene-d8	10.40	98	1243454	47.07	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	94.14%	
62) 4-Bromofluorobenzene	13.55	95	480308	40.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.24%	
Target Compounds						
16) Acetone	3.21	43	125498	56.788	ug/l	94
20) Methylene Chloride	3.81	84	30663	3.209	ug/l #	97

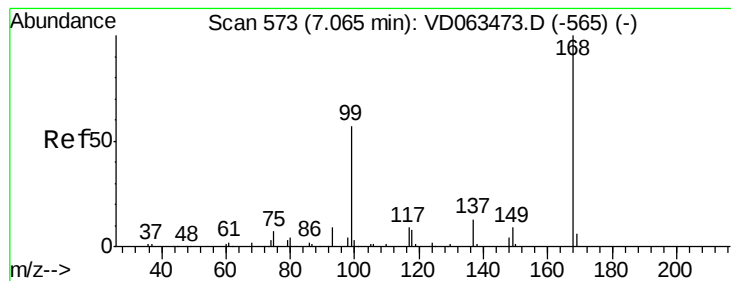
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063665.D

Acq: 19 Aug 2019 18:40

Instrument :

MSVOA_D

ClientSampleId :

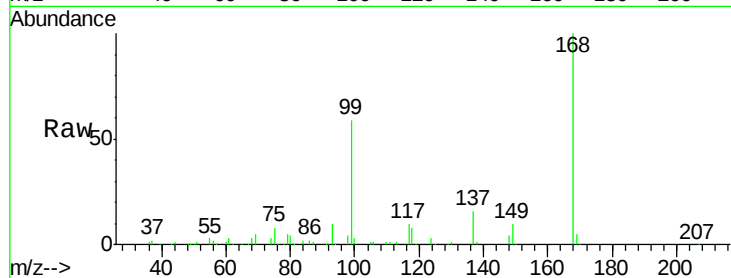
TP-1359B

Tot Ion:168 Resp: 1017039

Ion Ratio Lower Upper

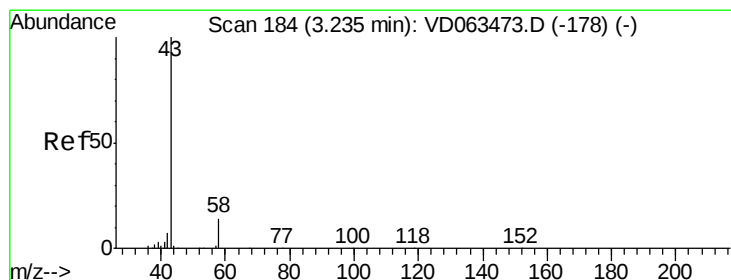
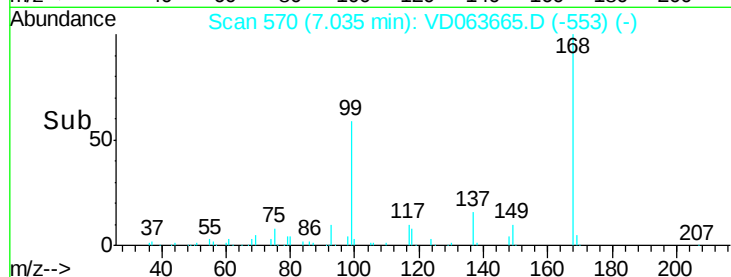
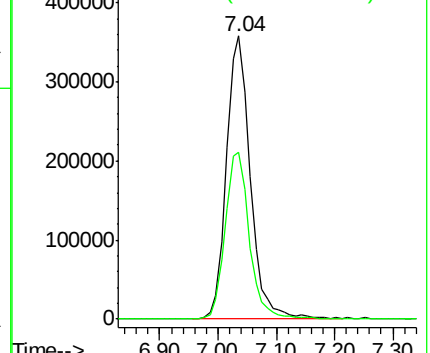
168 100

99 58.7 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: 56.788 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.03 min

Lab File: VD063665.D

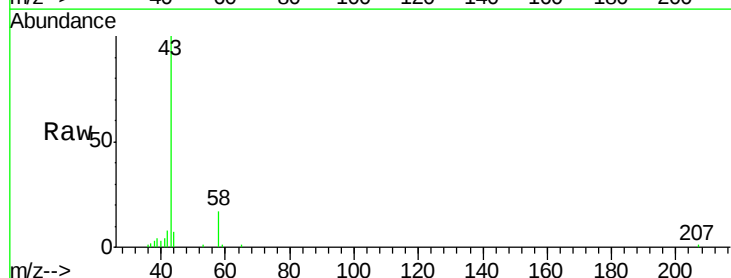
Acq: 19 Aug 2019 18:40

Tgt Ion: 43 Resp: 125498

Ion Ratio Lower Upper

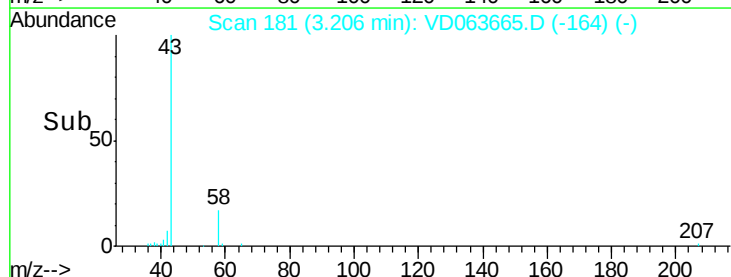
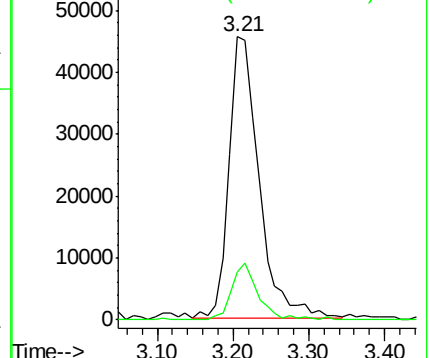
43 100

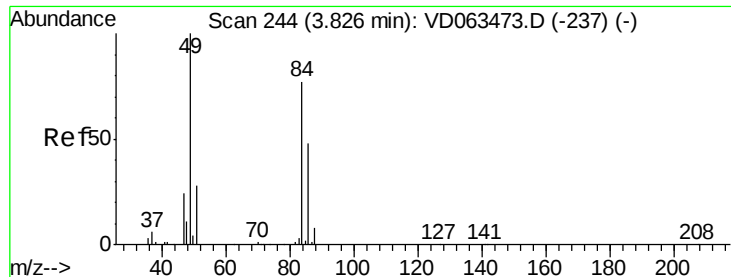
58 16.8 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

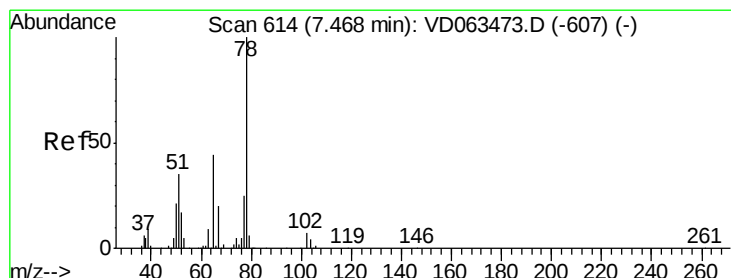
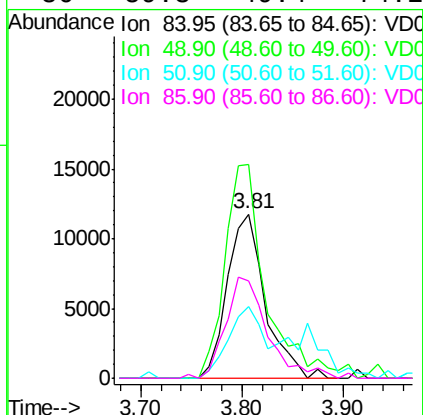
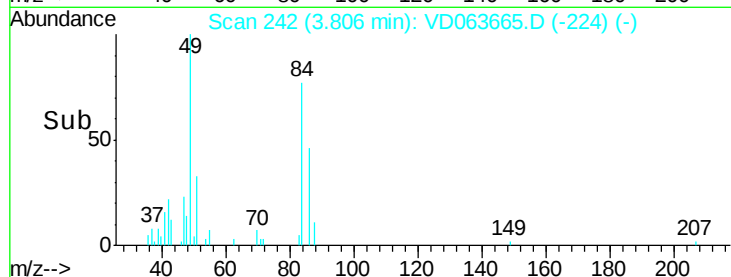
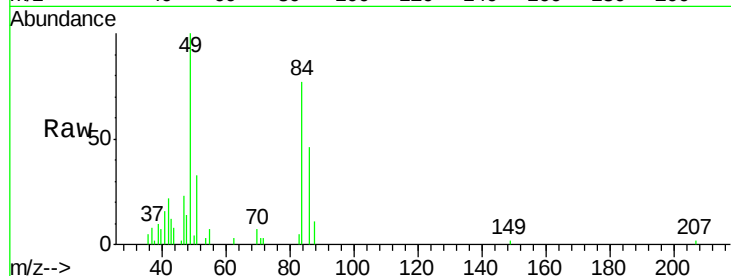




#20
Methylene Chloride
Concen: 3.209 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD063665.D
Acq: 19 Aug 2019 18:40

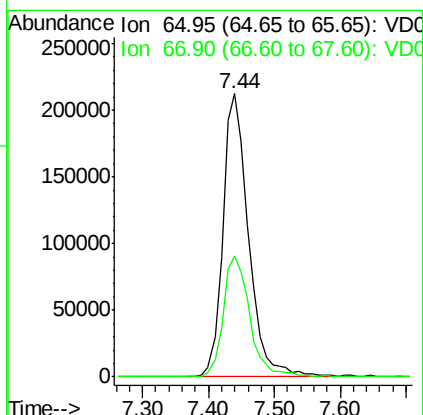
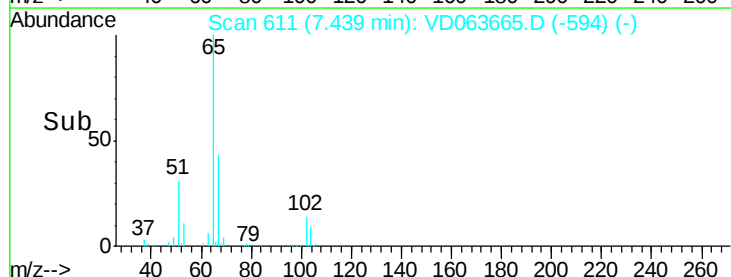
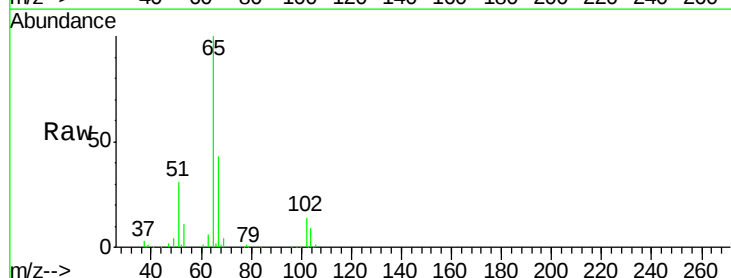
Instrument :
MSVOA_D
ClientSampleId :
TP-1359B

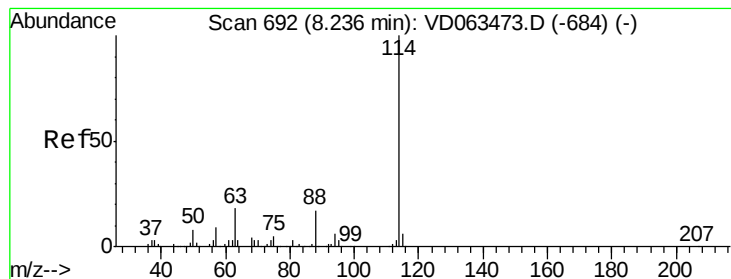
Tot Ion: 84 Resp: 30663
Ion Ratio Lower Upper
84 100
49 130.0 103.4 155.2
51 43.4 28.5 42.7#
86 59.3 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 52.939 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.03 min
Lab File: VD063665.D
Acq: 19 Aug 2019 18:40

Tgt Ion: 65 Resp: 575523
Ion Ratio Lower Upper
65 100
67 42.6 0.0 89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063665.D

Acq: 19 Aug 2019 18:40

Instrument :

MSVOA_D

ClientSampleId :

TP-1359B

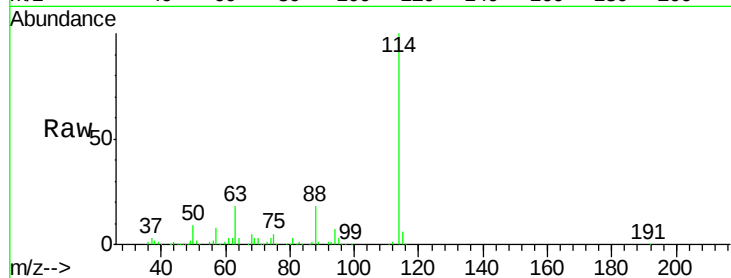
Tot Ion:114 Resp: 1426604

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.2

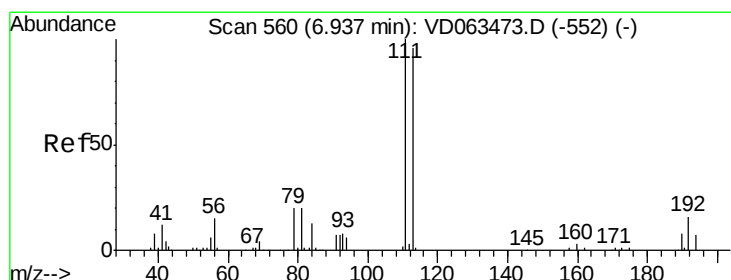
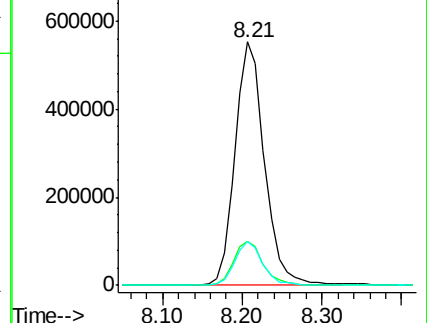
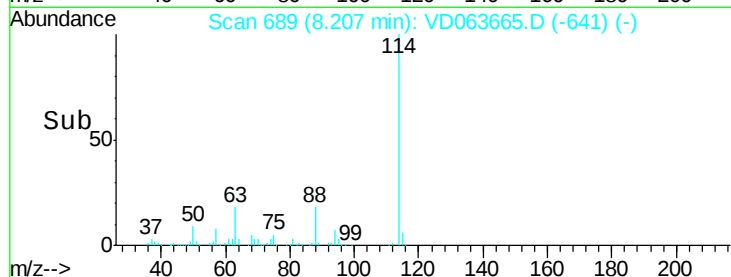
88 17.9 0.0 35.0



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: 35.373 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD063665.D

Acq: 19 Aug 2019 18:40

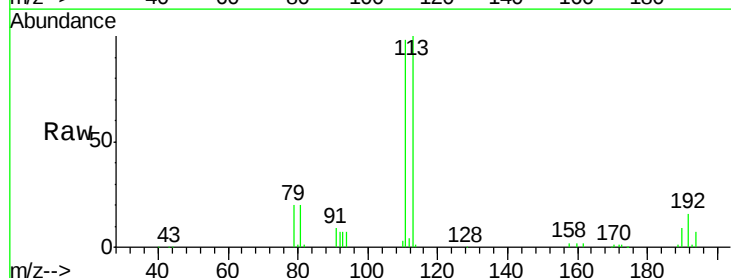
Tgt Ion:113 Resp: 425010

Ion Ratio Lower Upper

113 100

111 98.4 83.1 124.7

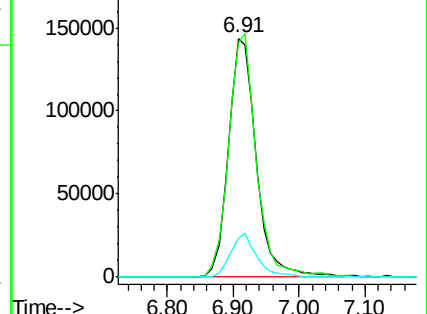
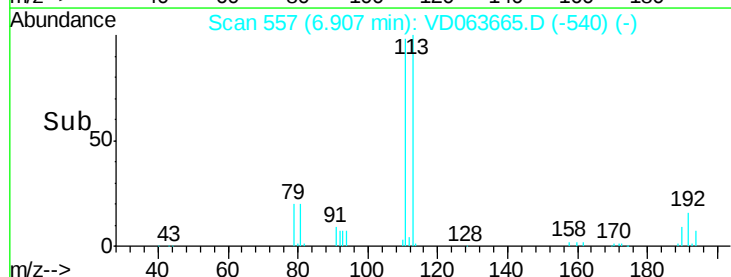
192 16.4 13.1 19.7

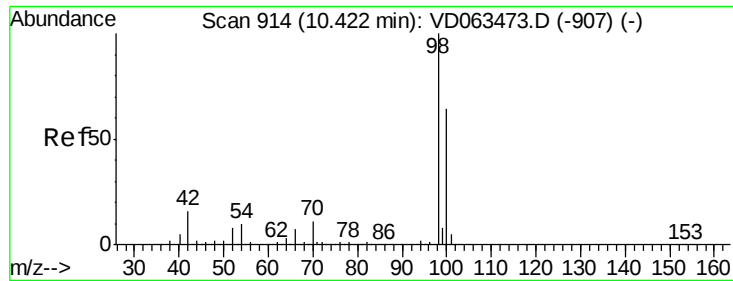


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

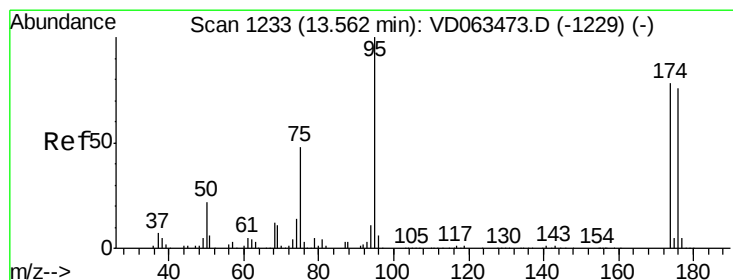
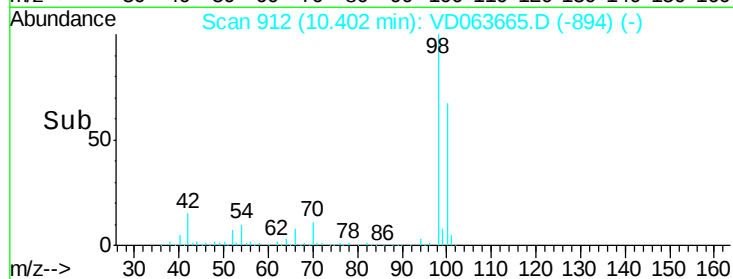
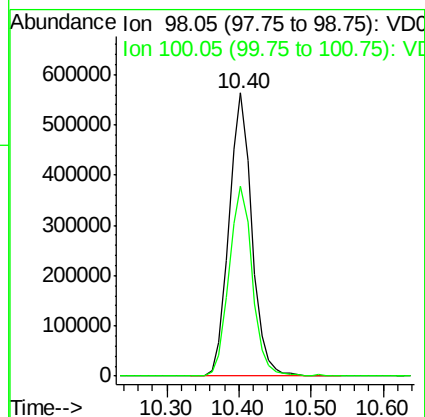
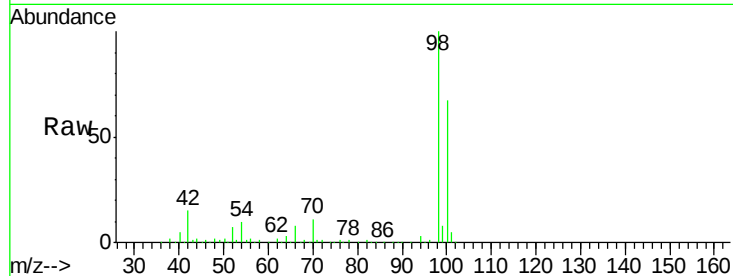




#50
Toluene-d8
Concen: 47.073 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063665.D
Acq: 19 Aug 2019 18:40

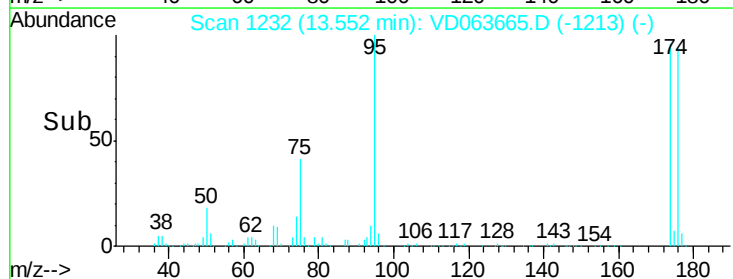
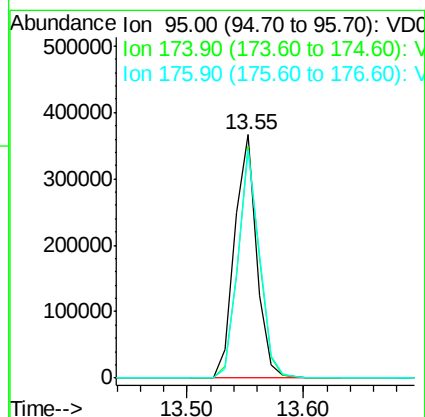
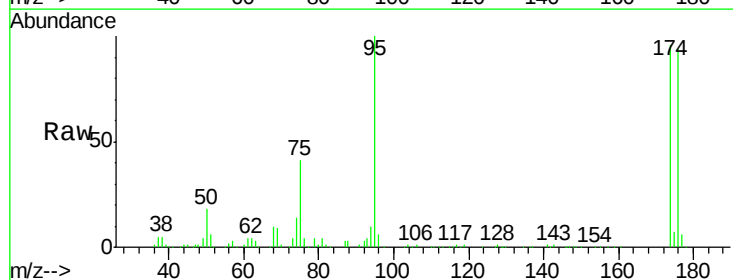
Instrument :
MSVOA_D
ClientSampleId :
TP-1359B

Tot Ion: 98 Resp: 1243454
Ion Ratio Lower Upper
98 100
100 67.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 40.117 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063665.D
Acq: 19 Aug 2019 18:40

Tgt Ion: 95 Resp: 480308
Ion Ratio Lower Upper
95 100
174 95.6 0.0 155.4
176 93.9 0.0 152.4

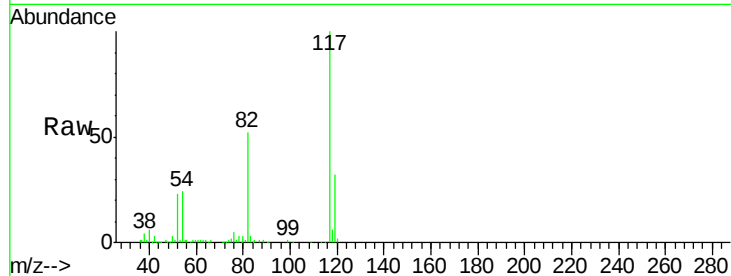




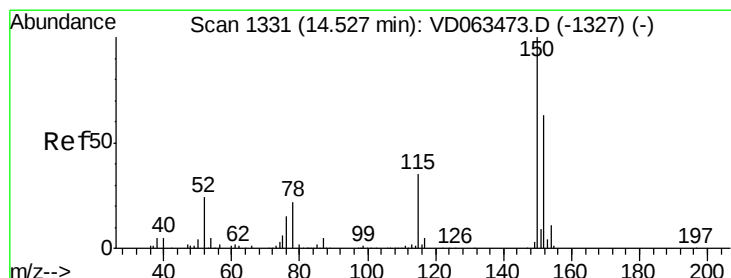
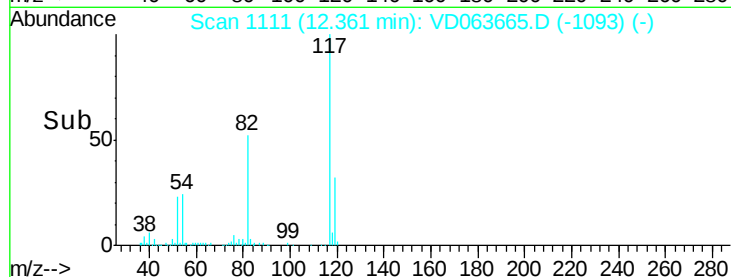
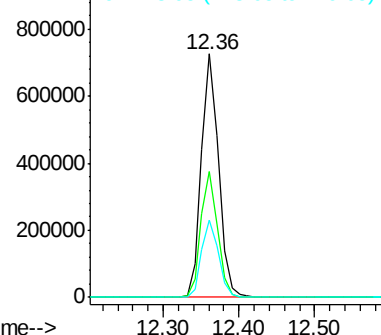
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063665.D
Acq: 19 Aug 2019 18:40

Instrument :
MSVOA_D
ClientSampleId :
TP-1359B

Tot Ion:117 Resp: 1149138
Ion Ratio Lower Upper
117 100
82 51.6 42.0 63.0
119 31.7 25.4 38.0

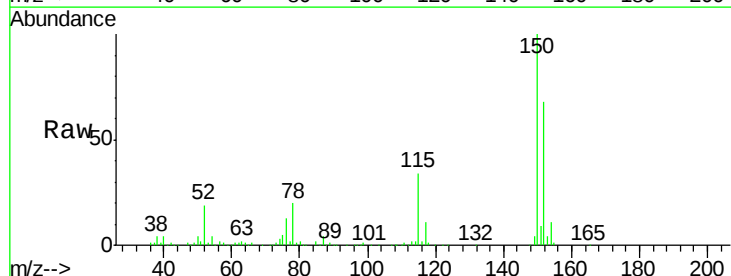


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063665.D
Acq: 19 Aug 2019 18:40

Tgt Ion:152 Resp: 456138
Ion Ratio Lower Upper
152 100
115 49.7 30.9 92.7
150 147.7 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

