

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\
 Data File : VD063581.D
 Acq On : 14 Aug 2019 18:31
 Operator : JC/SY
 Sample : K4295-03
 Misc : 4.93g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PX-03_080919

Quant Time: Aug 15 12:44:26 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

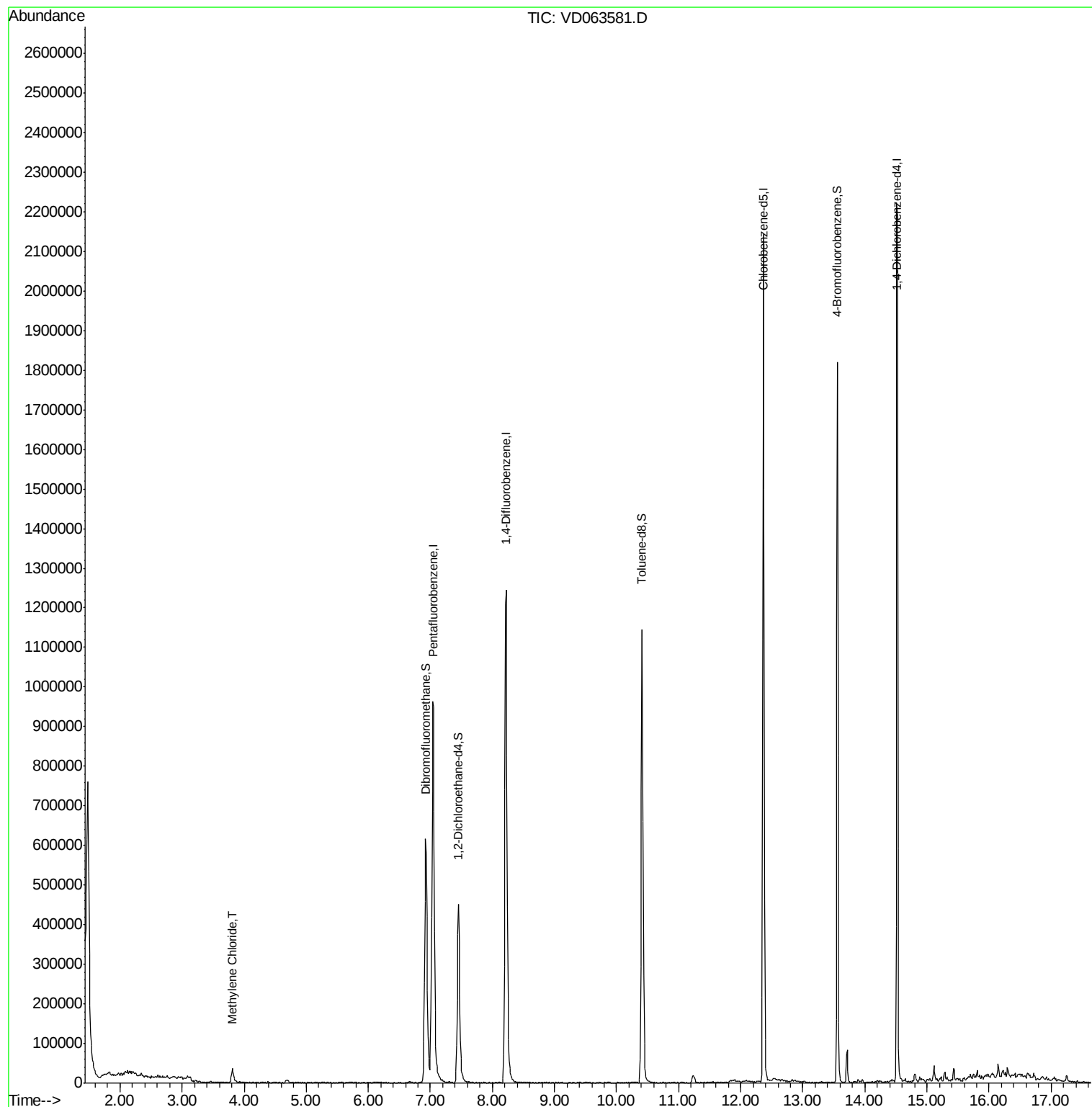
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	962819	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1353800	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	1106347	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	534220	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	499415	48.53	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.06%	
35) Dibromofluoromethane	6.92	113	542562	47.59	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	95.18%	
50) Toluene-d8	10.41	98	970468	38.71	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	77.42%	
62) 4-Bromofluorobenzene	13.56	95	484654	42.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.32%	
Target Compounds						
20) Methylene Chloride	3.81	84	19919	2.202	ug/l	Qvalue 91

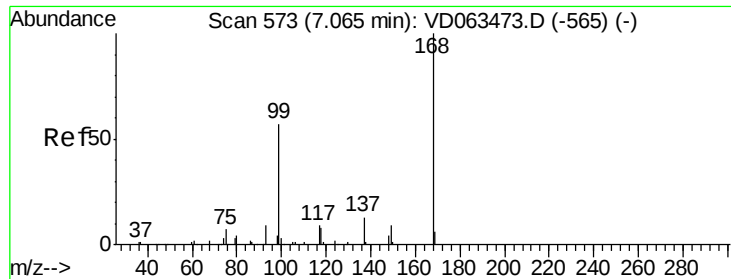
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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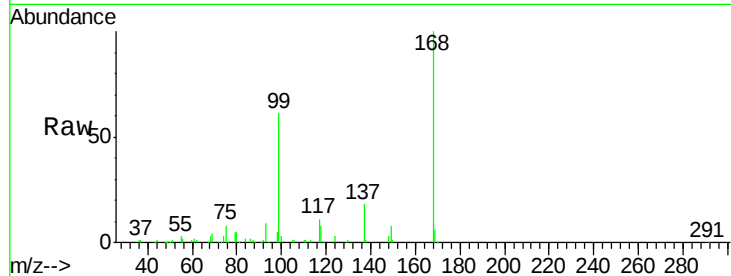


#1

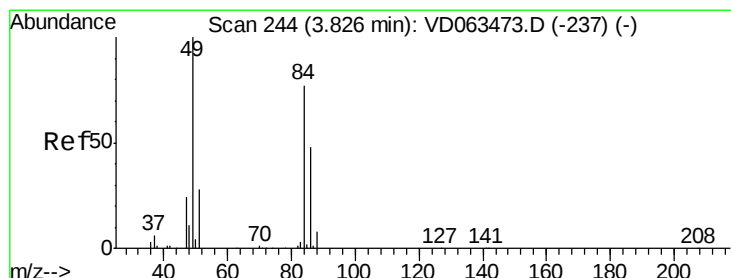
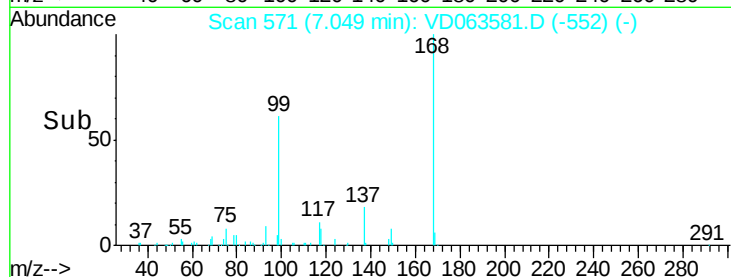
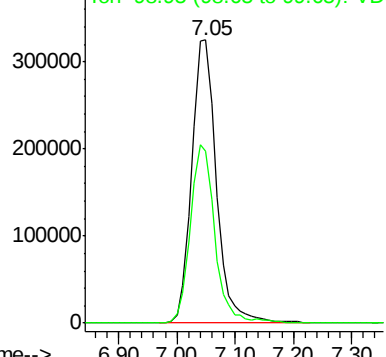
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.02 min
 Lab File: VD063581.D
 Acq: 14 Aug 2019 18:31

Instrument :
 MSVOA_D
 ClientSampleId :
 PX-03_080919

Tot Ion:168 Resp: 962819
 Ion Ratio Lower Upper
 168 100
 99 60.9 46.7 70.1



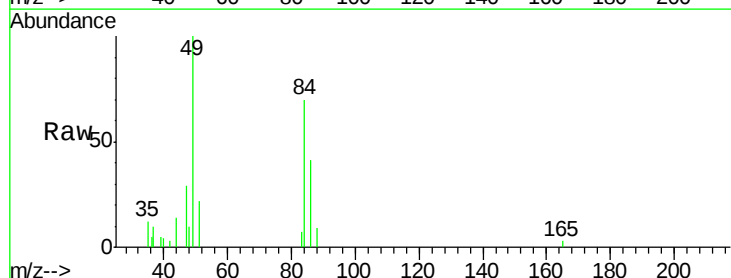
Abundance Ion 167.90 (167.60 to 168.60): V



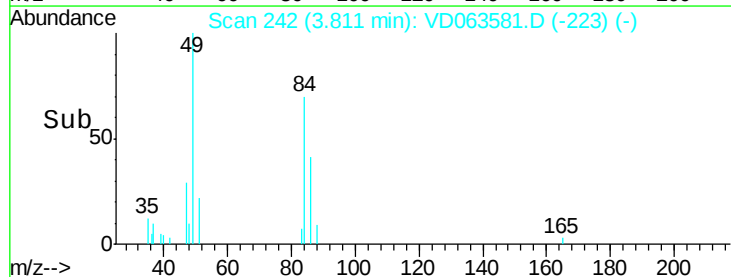
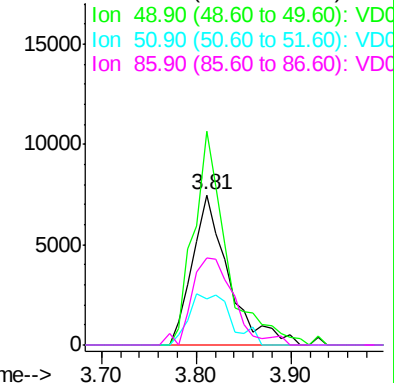
#20

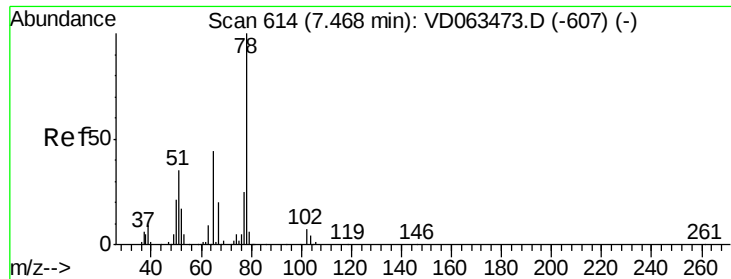
Methylene Chloride
 Concen: 2.202 ug/l
 RT: 3.81 min Scan# 242
 Delta R.T. -0.02 min
 Lab File: VD063581.D
 Acq: 14 Aug 2019 18:31

Tgt Ion: 84 Resp: 19919
 Ion Ratio Lower Upper
 84 100
 49 142.6 103.4 155.2
 51 30.9 28.5 42.7
 86 58.5 49.4 74.2



Abundance Ion 83.95 (83.65 to 84.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 48.526 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063581.D

Acq: 14 Aug 2019 18:31

Instrument :

MSVOA_D

ClientSampleId :

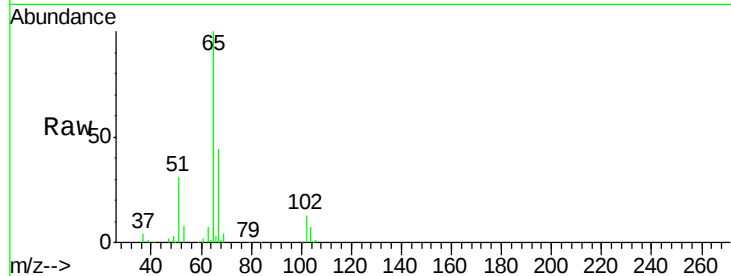
PX-03_080919

Tot Ion: 65 Resp: 499415

Ion Ratio Lower Upper

65 100

67 44.2 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

200000

150000

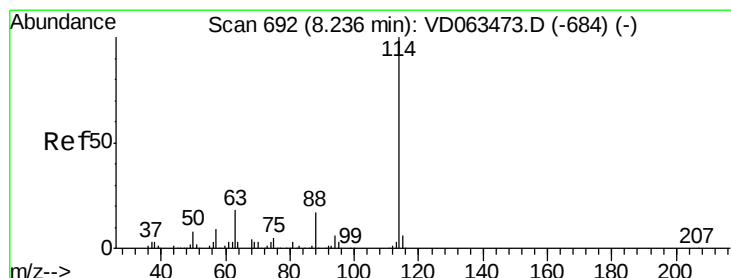
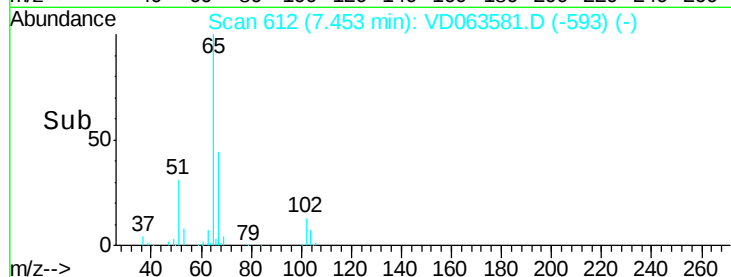
100000

50000

0

Time-->

7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063581.D

Acq: 14 Aug 2019 18:31

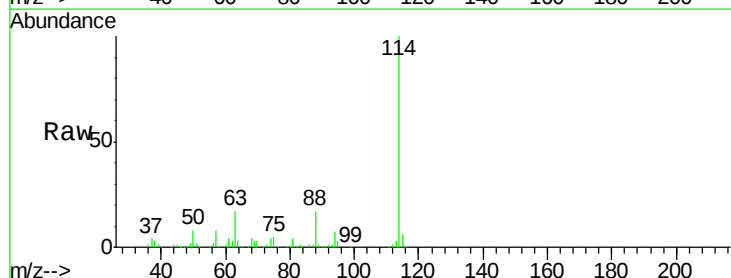
Tgt Ion: 114 Resp: 1353800

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.2

88 16.7 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.22

600000

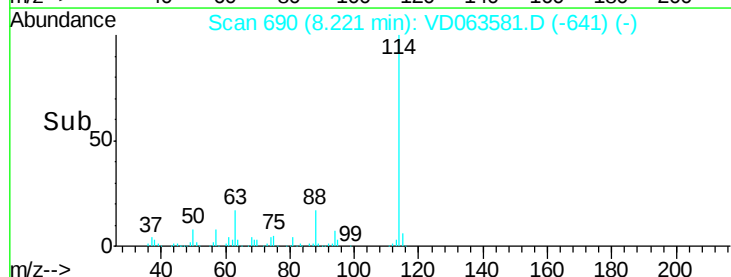
400000

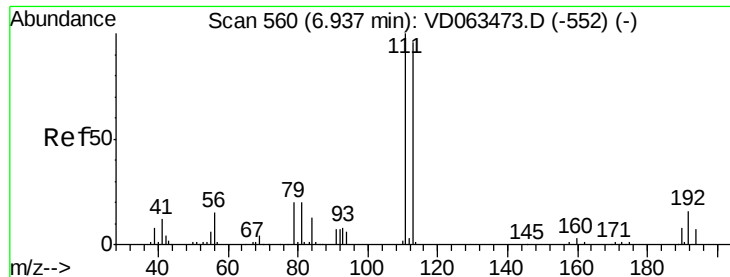
200000

0

Time-->

8.10 8.20 8.30 8.40

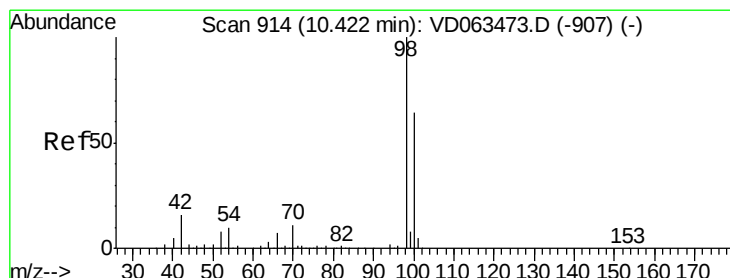
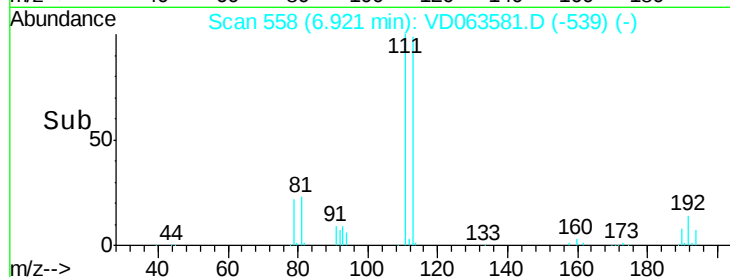
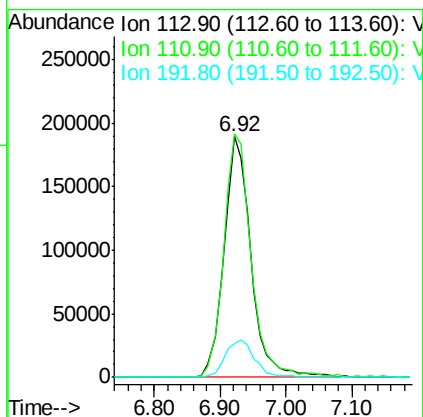
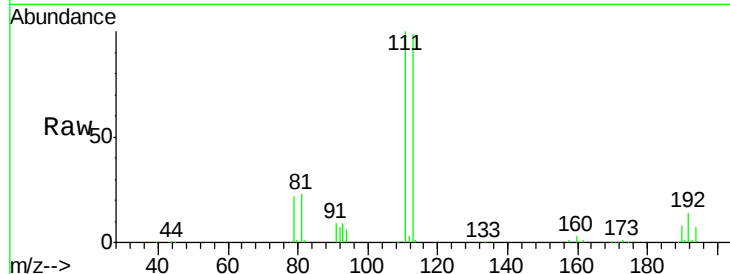




#35
 Dibromofluoromethane
 Concen: 47.586 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD063581.D
 Acq: 14 Aug 2019 18:31

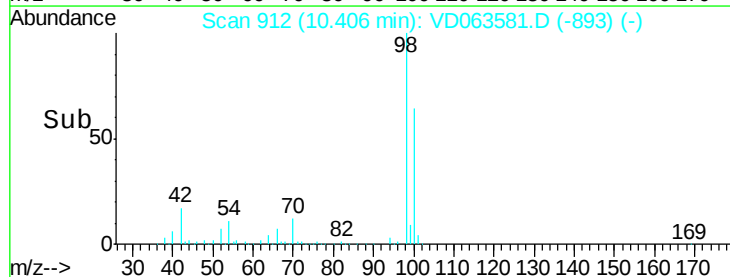
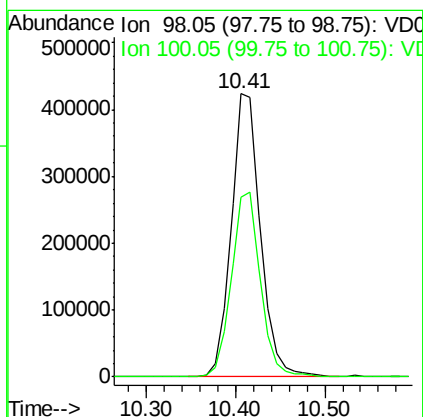
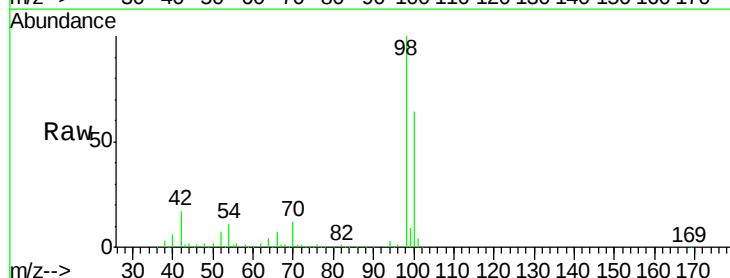
Instrument :
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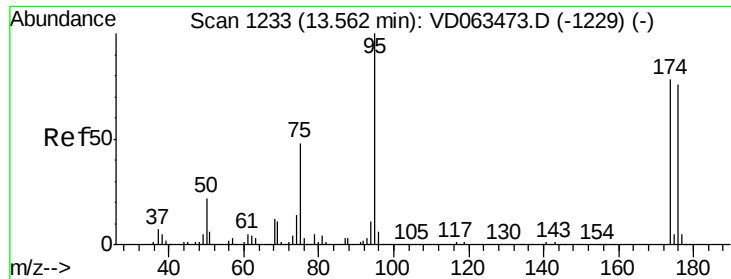
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.1	124.7
192	14.3	13.1	19.7



#50
 Toluene-d8
 Concen: 38.714 ug/l
 RT: 10.41 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: VD063581.D
 Acq: 14 Aug 2019 18:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.7	77.5

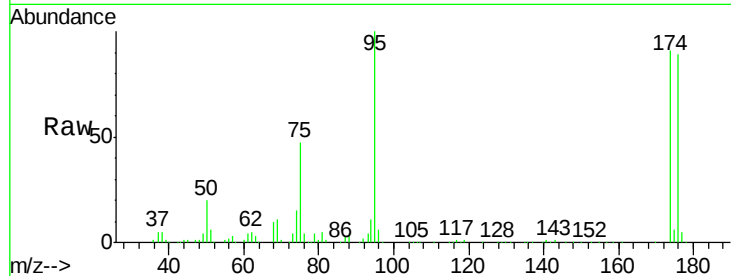




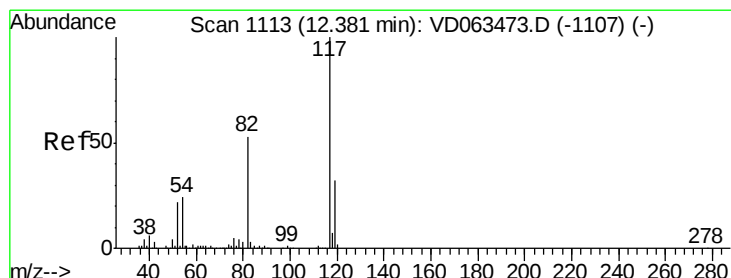
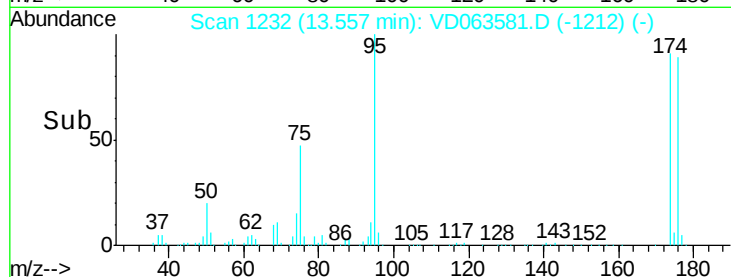
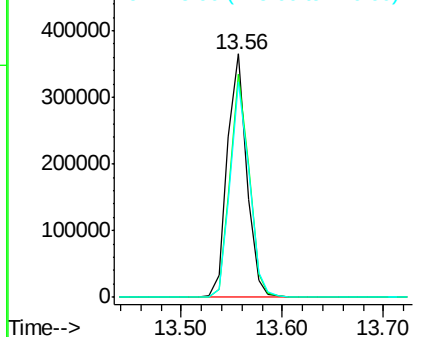
#62
4-Bromofluorobenzene
Concen: 42.657 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063581.D
Acq: 14 Aug 2019 18:31

Instrument :
MSVOA_D
ClientSampleId :
PX-03_080919

Tot Ion: 95 Resp: 484654
Ion Ratio Lower Upper
95 100
174 91.4 0.0 155.4
176 88.6 0.0 152.4

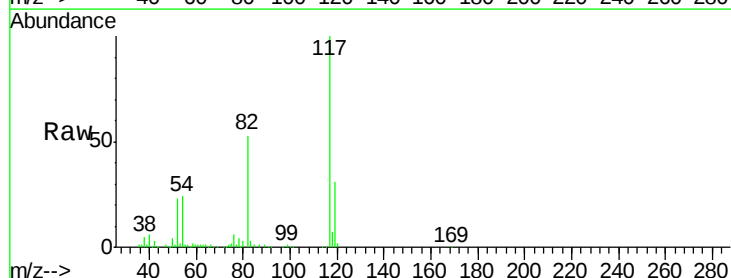


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

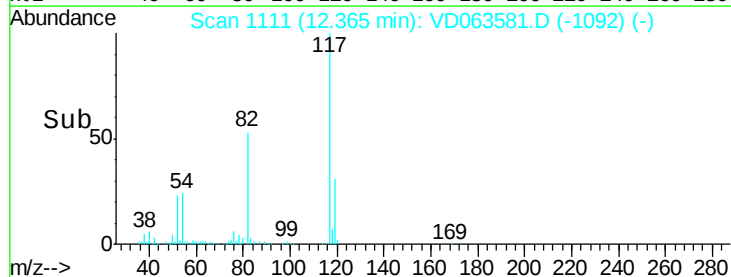
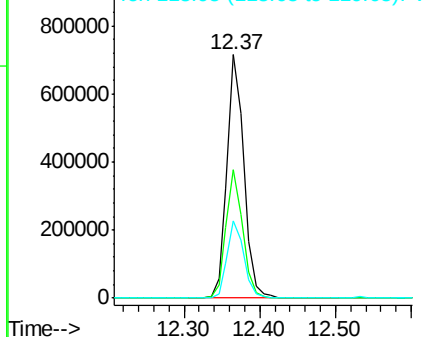


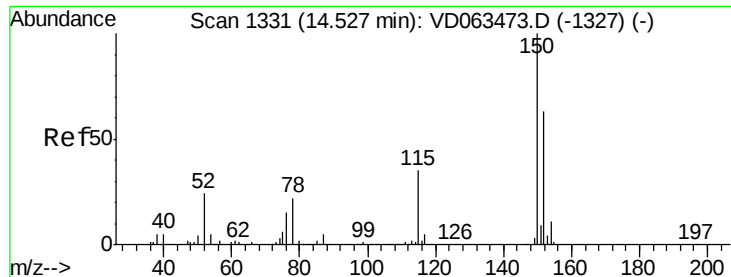
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063581.D
Acq: 14 Aug 2019 18:31

Tgt Ion: 117 Resp: 1106347
Ion Ratio Lower Upper
117 100
82 52.9 42.0 63.0
119 31.5 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: VD063581.D

Acq: 14 Aug 2019 18:31

Instrument :

MSVOA_D

ClientSampleId :

PX-03_080919

Tot Ion:152 Resp: 534220

Ion Ratio Lower Upper

152 100

115 54.6 30.9 92.7

150 154.6 0.0 318.6

