

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082119\
 Data File : VD063724.D
 Acq On : 21 Aug 2019 20:23
 Operator : JC/SY
 Sample : K4388-12
 Misc : 5.97g/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T4-D-(2)

Quant Time: Aug 22 02:12:08 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

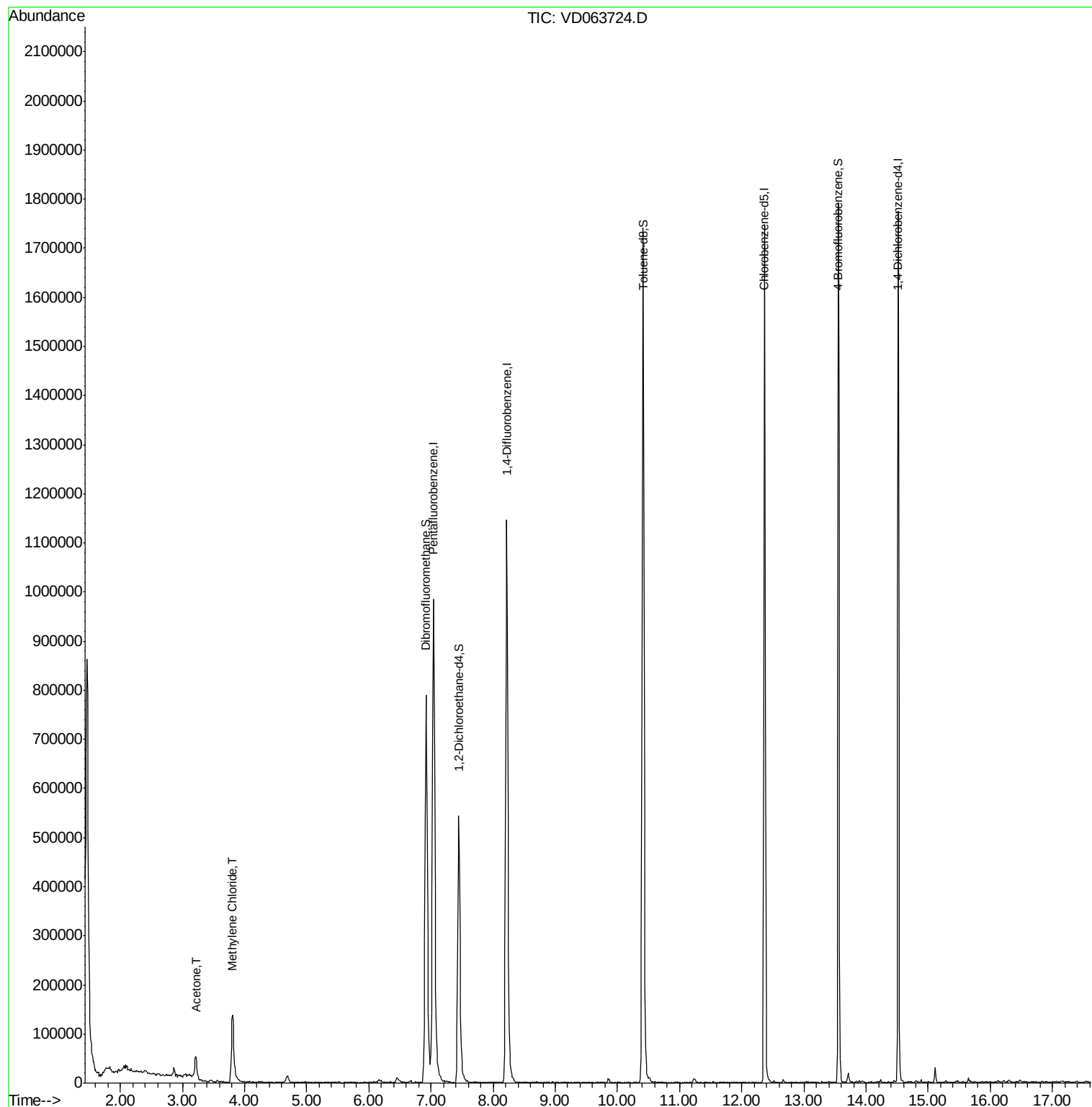
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	988825	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.22	114	1310398	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	997630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	376273	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	607745	57.50	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	115.00%	
35) Dibromofluoromethane	6.92	113	690579	62.57	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	125.14%	
50) Toluene-d8	10.41	98	1429723	58.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.84%	
62) 4-Bromofluorobenzene	13.55	95	487921	44.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.74%	
Target Compounds						
16) Acetone	3.22	43	92199	42.911	ug/l	99
20) Methylene Chloride	3.81	84	89692	9.654	ug/l	91

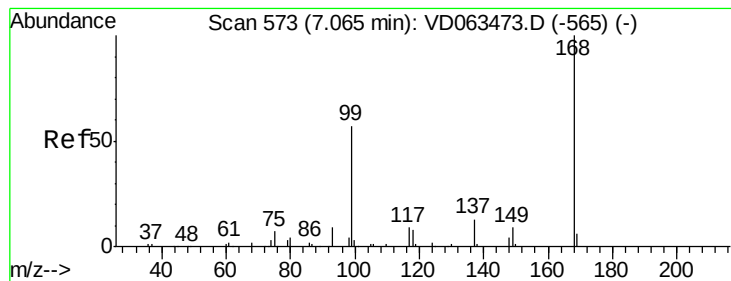
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.03 min

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MSVOA_D

ClientSampleId :

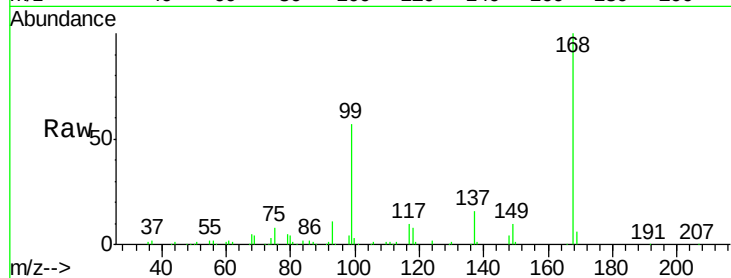
T4-D-(2)

Tot Ion:168 Resp: 988825

Ion Ratio Lower Upper

168 100

99 57.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

300000

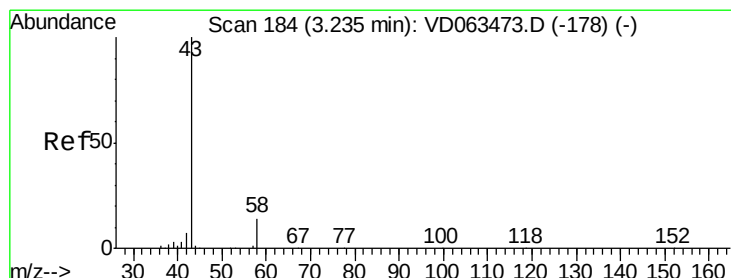
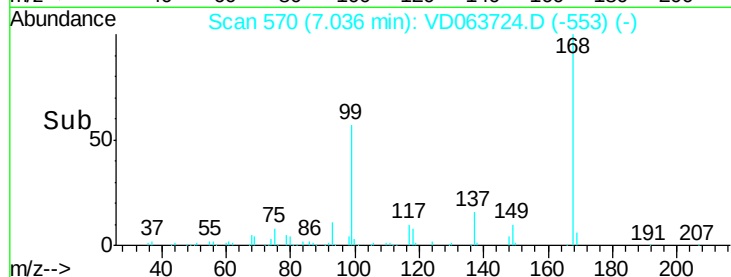
200000

100000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#16

Acetone

Concen: 42.911 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063724.D

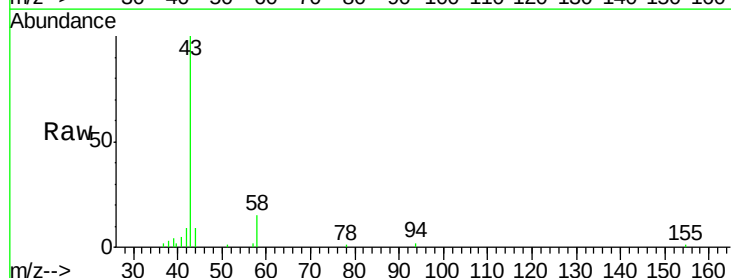
Acq: 21 Aug 2019 20:23

Tgt Ion: 43 Resp: 92199

Ion Ratio Lower Upper

43 100

58 14.9 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

40000

30000

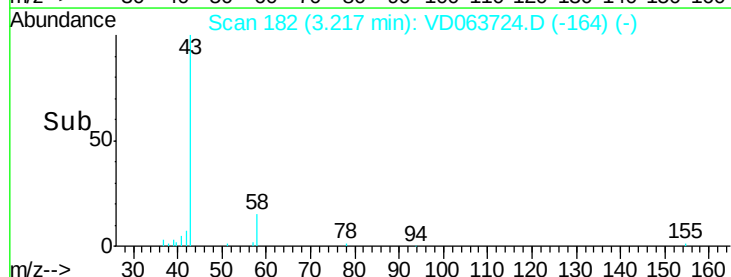
20000

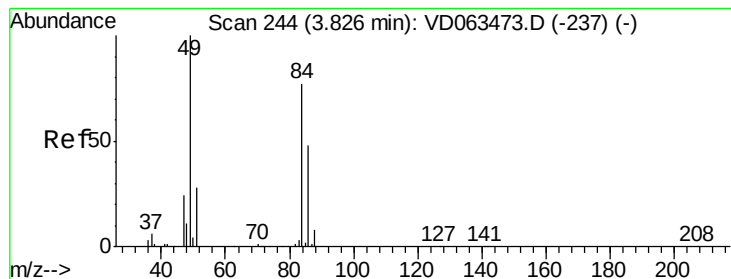
10000

0

3.10 3.20 3.30 3.40

Time-->





#20

Methylene Chloride

Concen: 9.654 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.02 min

Lab File: VD063724.D

Acq: 21 Aug 2019 20:23

Instrument :

MSVOA_D

ClientSampleId :

T4-D-(2)

Tot Ion: 84 Resp: 89692

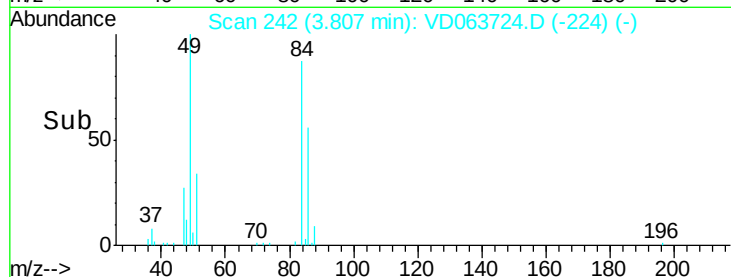
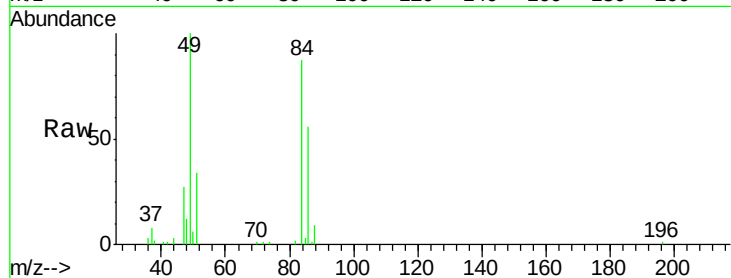
Ion Ratio Lower Upper

84 100

49 115.2 103.4 155.2

51 38.9 28.5 42.7

86 64.6 49.4 74.2

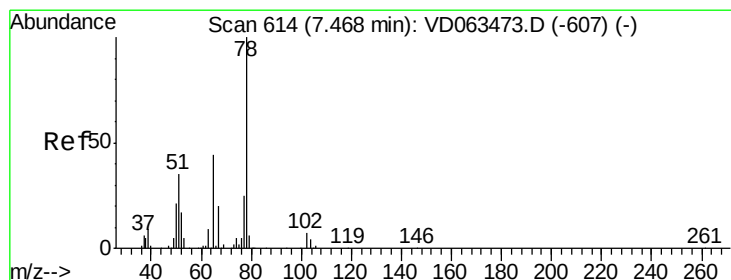
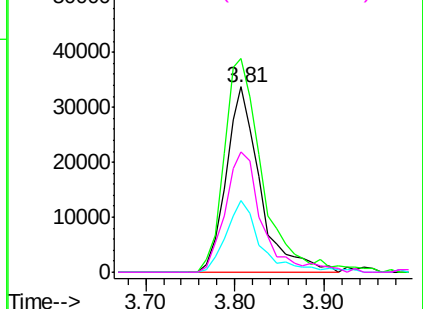


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 57.498 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063724.D

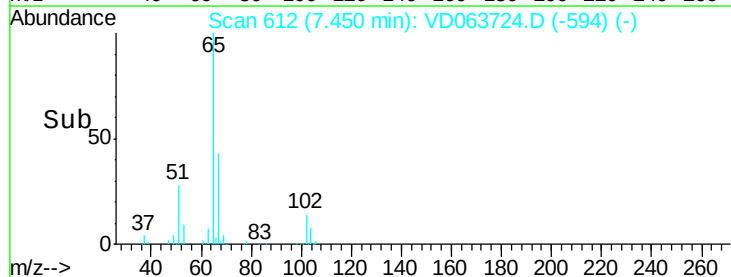
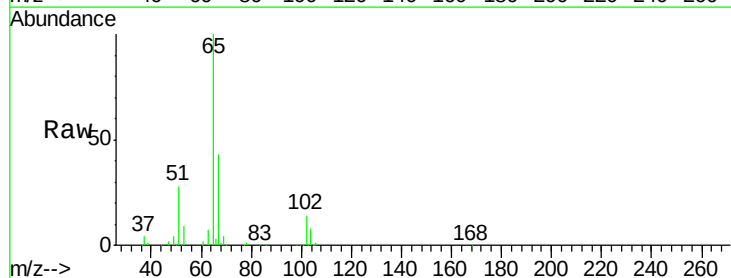
Acq: 21 Aug 2019 20:23

Tgt Ion: 65 Resp: 607745

Ion Ratio Lower Upper

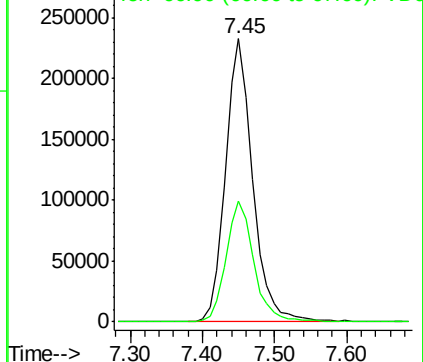
65 100

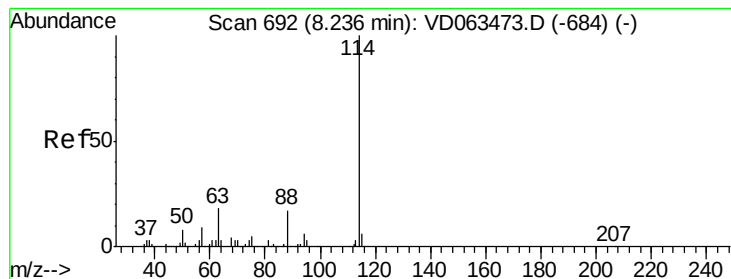
67 42.9 0.0 89.2



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: VD063724.D

Acq: 21 Aug 2019 20:23

Instrument :

MSVOA_D

ClientSampleId :

T4-D-(2)

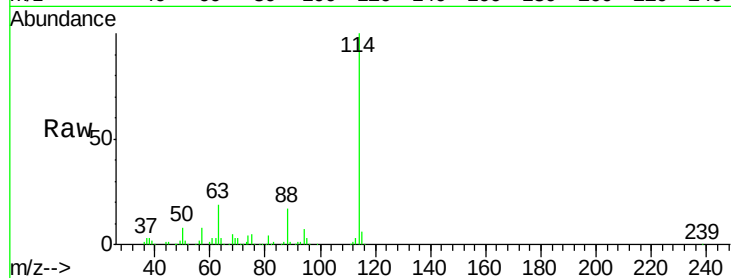
Tot Ion:114 Resp: 1310398

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.2

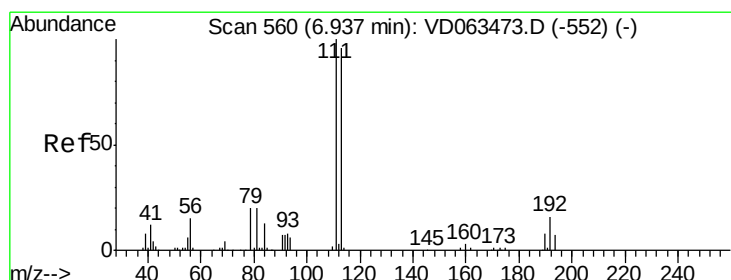
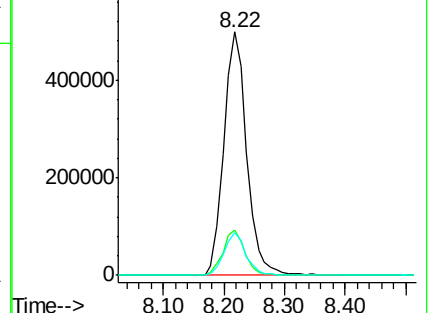
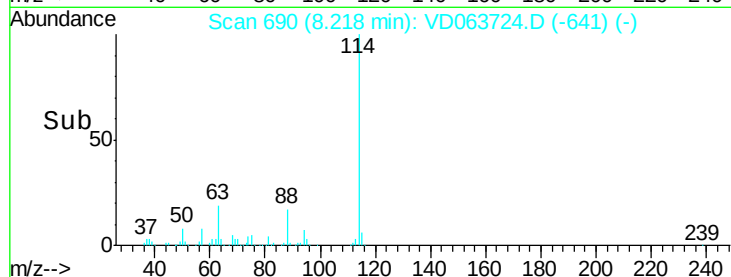
88 17.4 0.0 35.0



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: 62.574 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063724.D

Acq: 21 Aug 2019 20:23

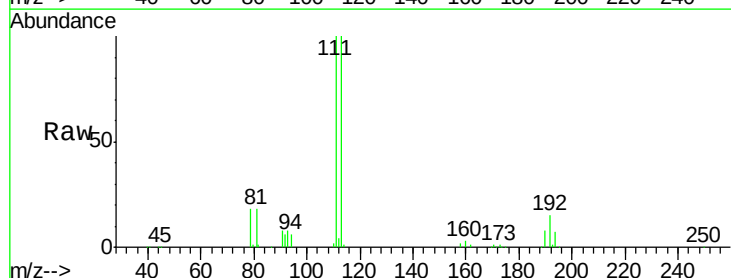
Tgt Ion:113 Resp: 690579

Ion Ratio Lower Upper

113 100

111 99.5 83.1 124.7

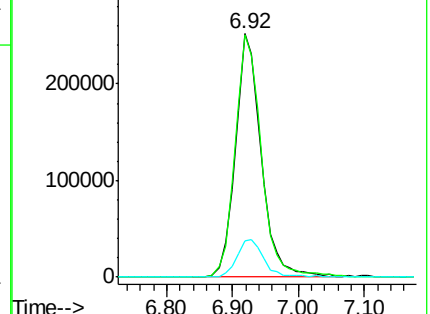
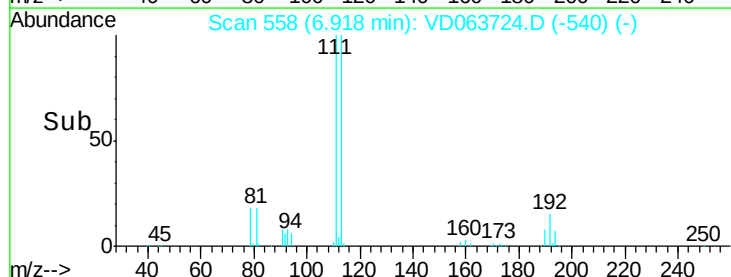
192 15.1 13.1 19.7

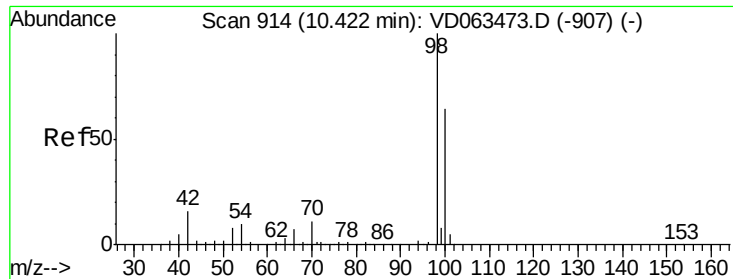


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

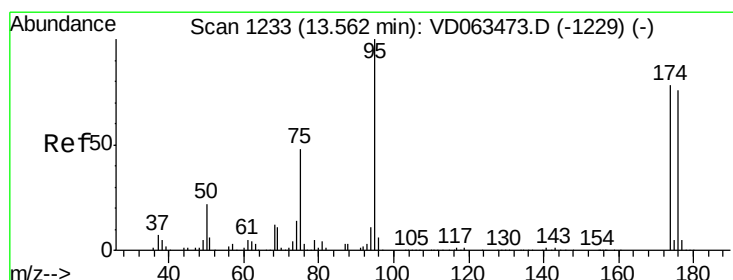
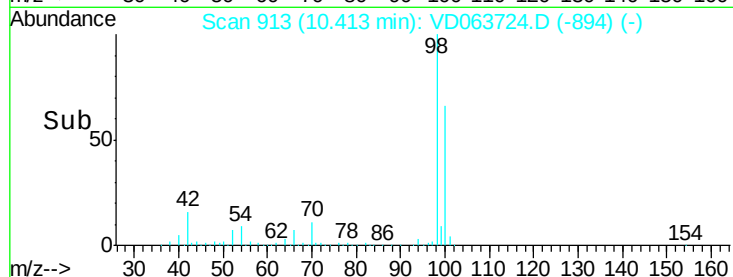
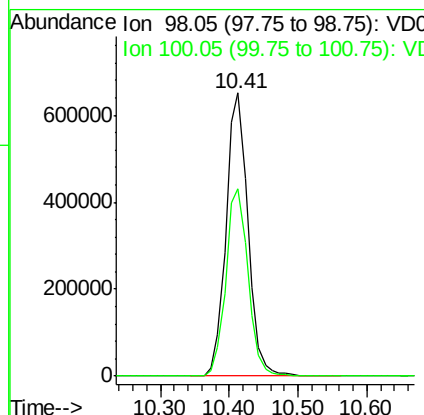
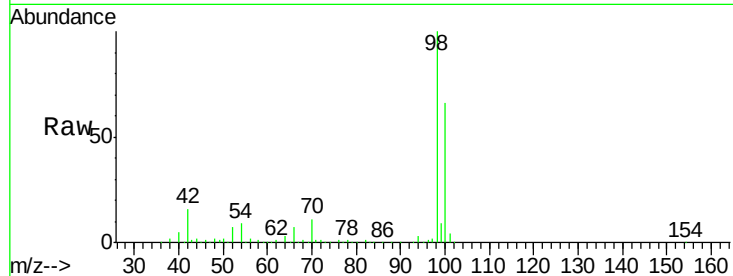




#50
Toluene-d8
Concen: 58.924 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063724.D
Acq: 21 Aug 2019 20:23

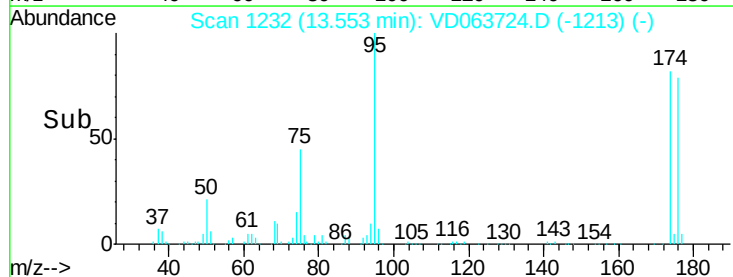
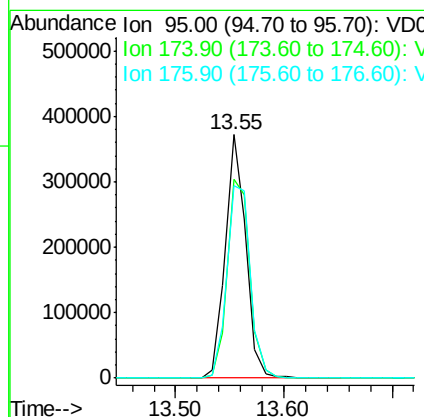
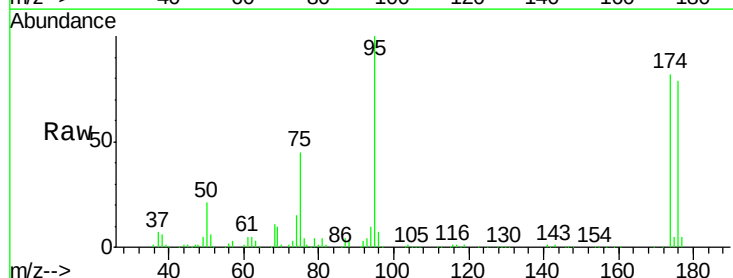
Instrument :
MSVOA_D
ClientSampleId :
T4-D-(2)

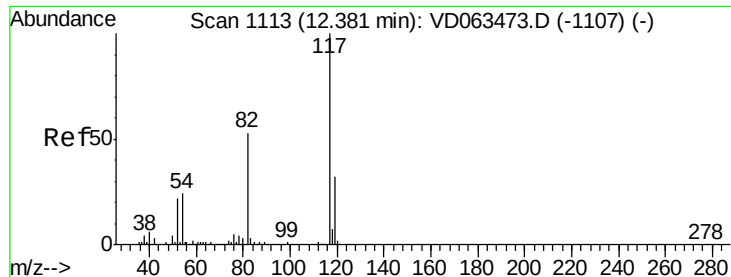
Tot Ion: 98 Resp: 1429723
Ion Ratio Lower Upper
98 100
100 66.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.367 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063724.D
Acq: 21 Aug 2019 20:23

Tgt Ion: 95 Resp: 487921
Ion Ratio Lower Upper
95 100
174 81.7 0.0 155.4
176 79.0 0.0 152.4

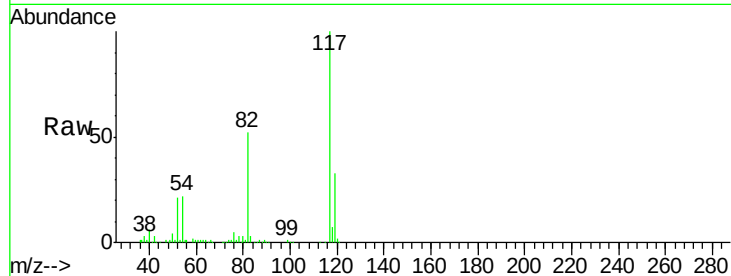




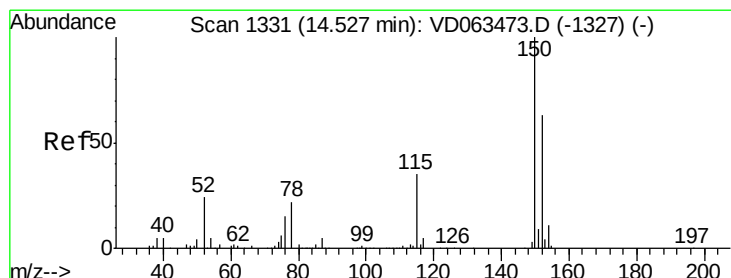
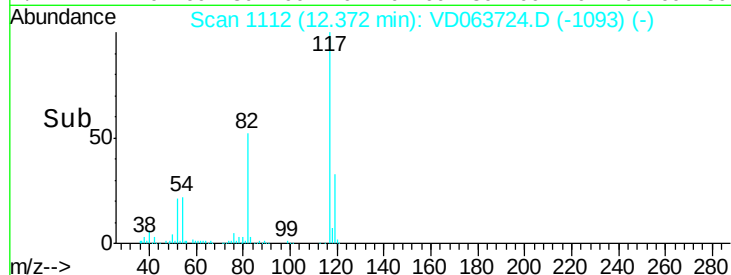
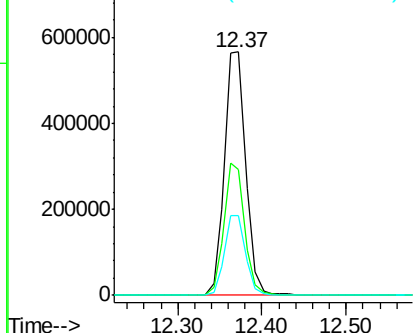
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063724.D
Acq: 21 Aug 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
T4-D-(2)

Tot Ion:117 Resp: 997630
Ion Ratio Lower Upper
117 100
82 51.5 42.0 63.0
119 32.9 25.4 38.0

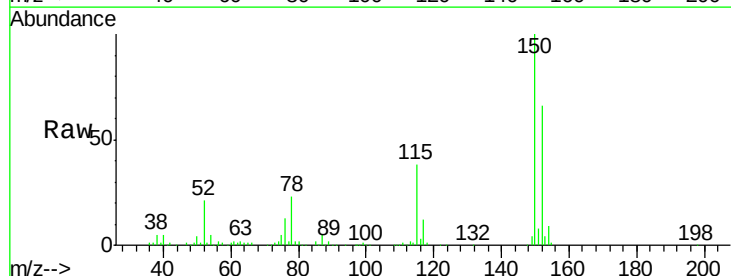


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063724.D
Acq: 21 Aug 2019 20:23

Tgt Ion:152 Resp: 376273
Ion Ratio Lower Upper
152 100
115 56.5 30.9 92.7
150 150.4 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

