

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081919\
 Data File : VD063663.D
 Acq On : 19 Aug 2019 17:45
 Operator : JC/SY
 Sample : K4385-20
 Misc : 5.54g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-E1-(0)

Quant Time: Aug 20 08:53:37 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

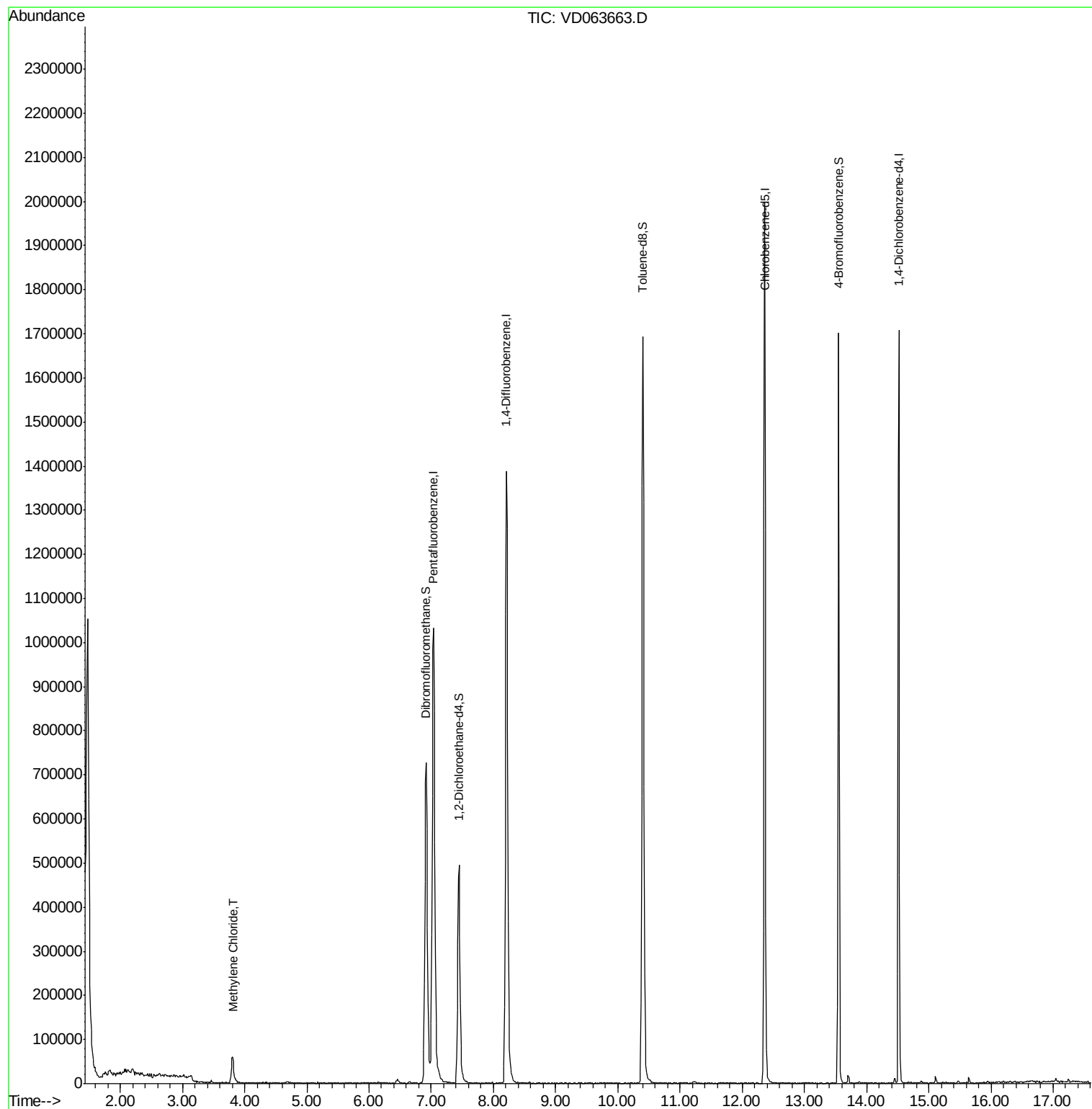
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1065663	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1551387	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1090980	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	384912	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	551862	48.45	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	96.90%	
35) Dibromofluoromethane	6.92	113	648796	49.66	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	99.32%	
50) Toluene-d8	10.40	98	1393168	48.50	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.00%	
62) 4-Bromofluorobenzene	13.55	95	472377	36.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.56%	
Target Compounds						
20) Methylene Chloride	3.80	84	38849	3.880	ug/l #	92

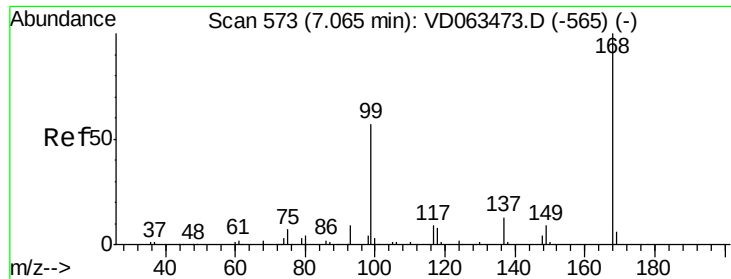
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
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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: VD063663.D

Acq: 19 Aug 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

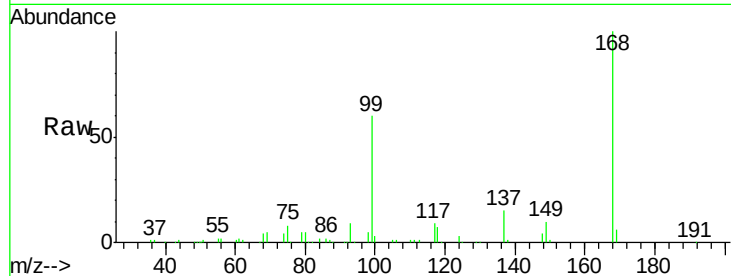
T8-E1-(0)

Tot Ion:168 Resp: 1065663

Ion Ratio Lower Upper

168 100

99 60.3 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

400000

300000

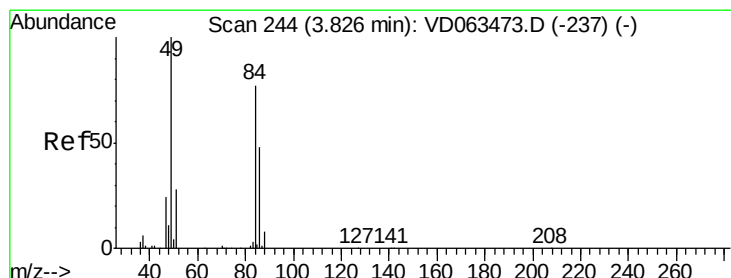
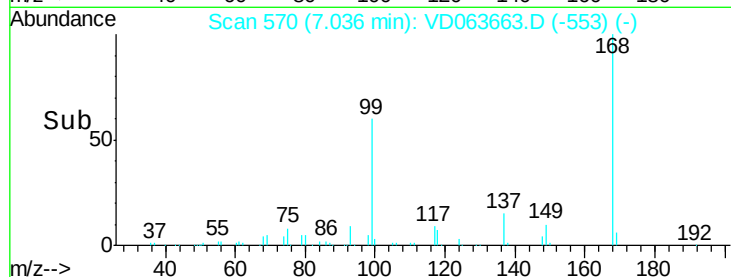
200000

100000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#20

Methylene Chloride

Concen: 3.880 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.03 min

Lab File: VD063663.D

Acq: 19 Aug 2019 17:45

Tgt Ion: 84 Resp: 38849

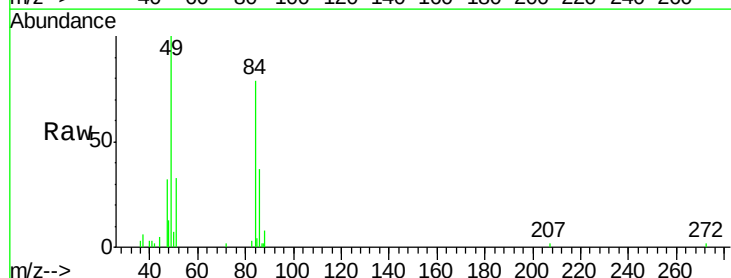
Ion Ratio Lower Upper

84 100

49 126.9 103.4 155.2

51 42.2 28.5 42.7

86 46.6 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

25000

20000

15000

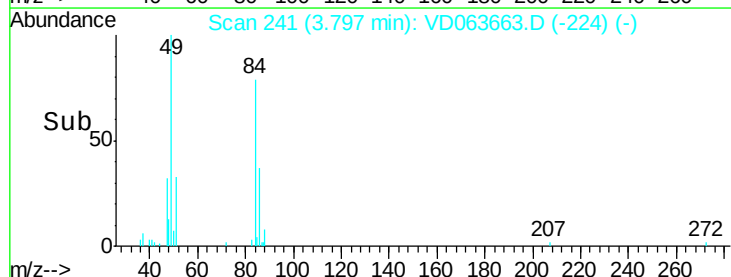
10000

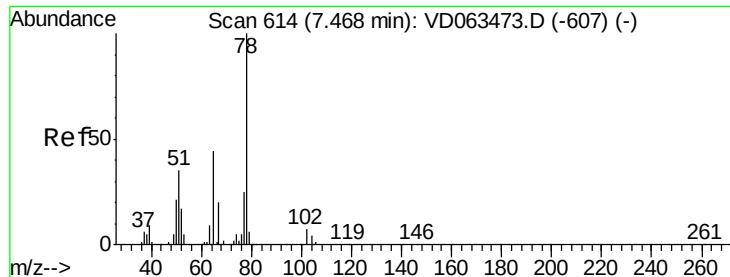
5000

0

3.70 3.80 3.90

Time-->

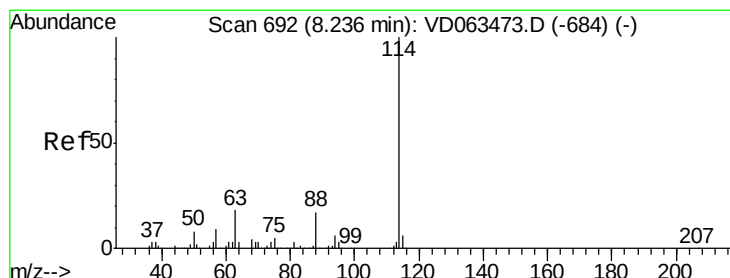
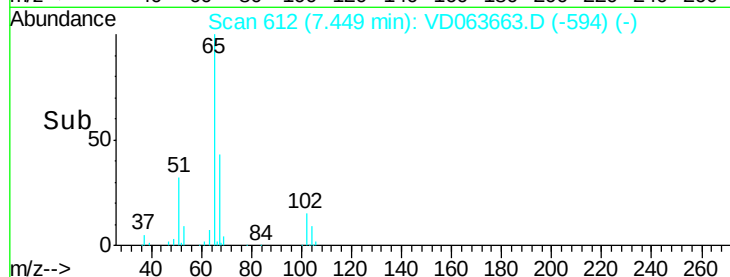
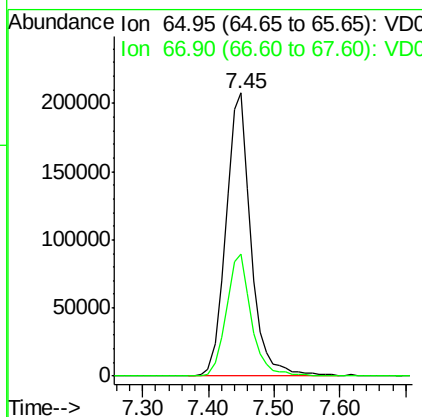
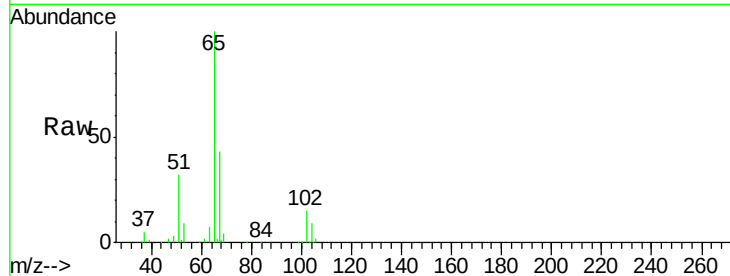




#33
 1,2-Dichloroethane-d4
 Concen: 48.447 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: VD063663.D
 Acq: 19 Aug 2019 17:45

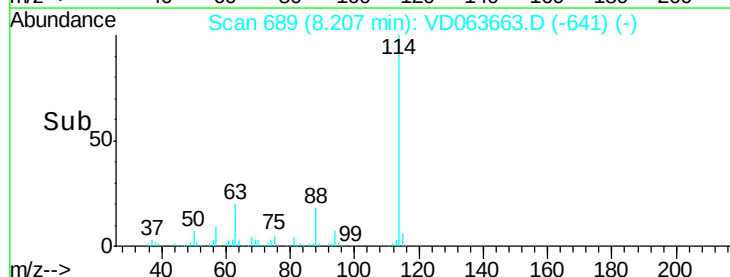
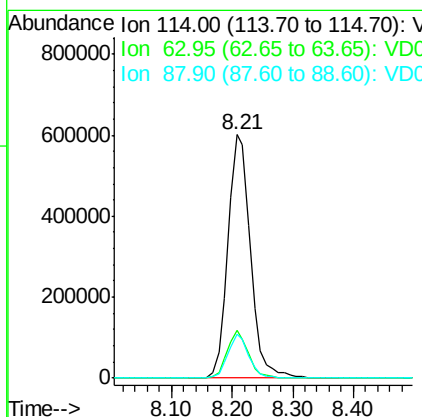
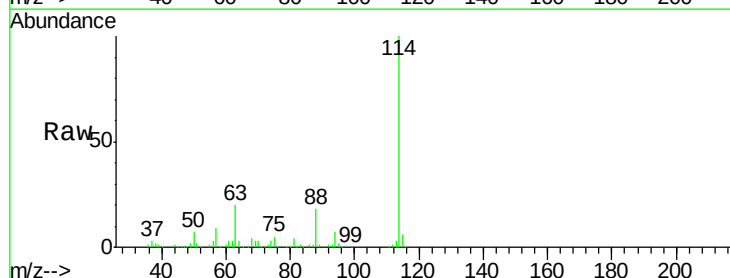
Instrument :
 MSVOA_D
 ClientSampleId :
 T8-E1-(0)

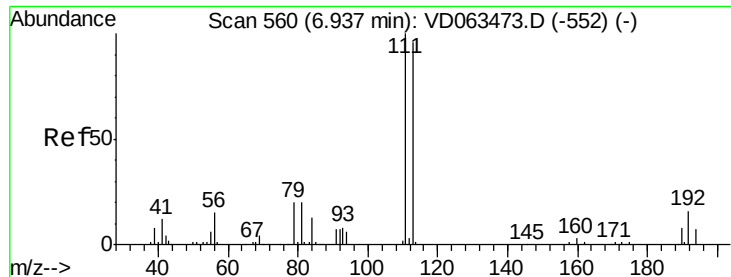
Tot Ion: 65 Resp: 551862
 Ion Ratio Lower Upper
 65 100
 67 43.3 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.03 min
 Lab File: VD063663.D
 Acq: 19 Aug 2019 17:45

Tgt Ion: 114 Resp: 1551387
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 36.2
 88 18.0 0.0 35.0





#35

Dibromofluoromethane

Concen: 49.656 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063663.D

Acq: 19 Aug 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

T8-E1-(0)

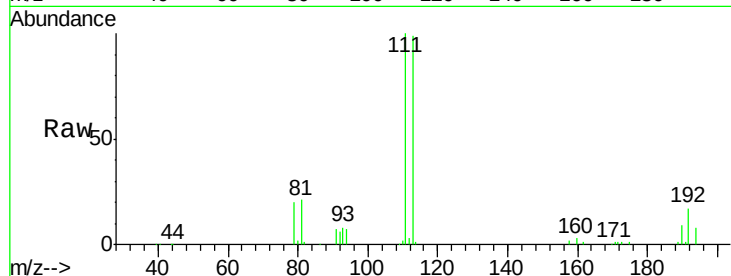
Tot Ion:113 Resp: 648796

Ion Ratio Lower Upper

113 100

111 100.6 83.1 124.7

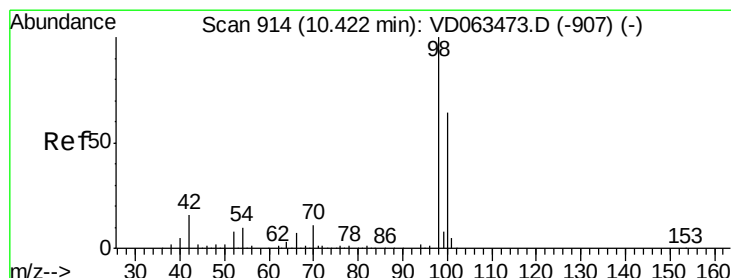
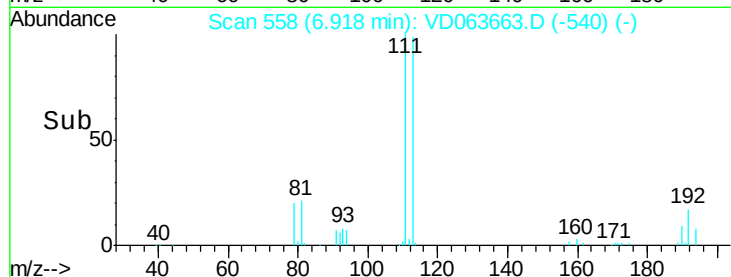
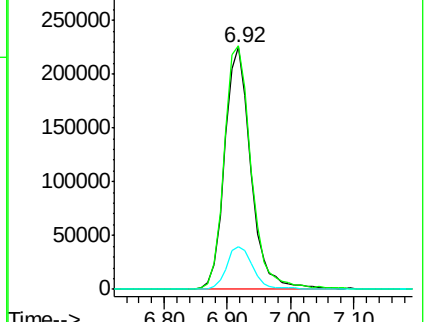
192 17.6 13.1 19.7



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: 48.499 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD063663.D

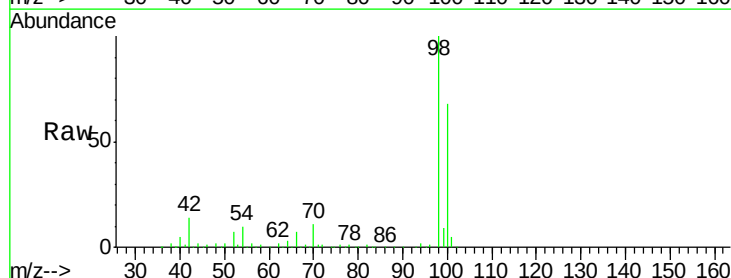
Acq: 19 Aug 2019 17:45

Tgt Ion: 98 Resp: 1393168

Ion Ratio Lower Upper

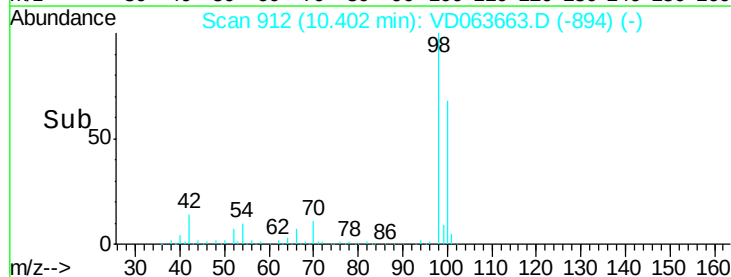
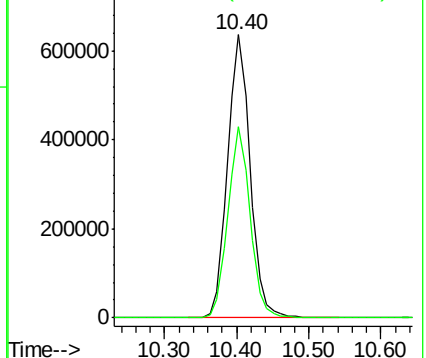
98 100

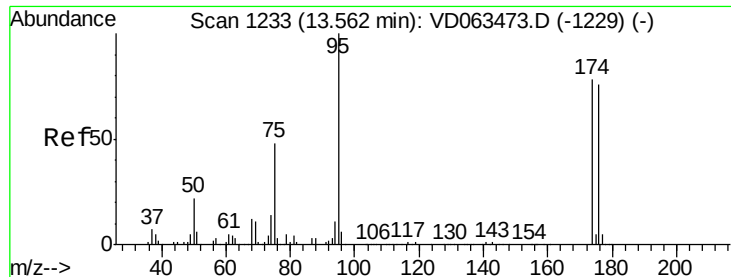
100 67.8 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

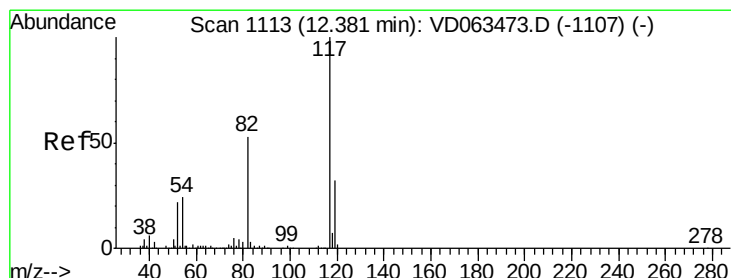
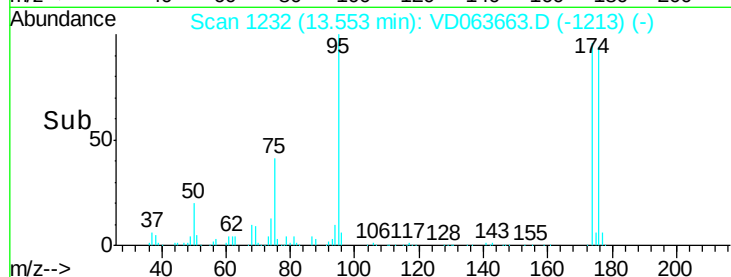
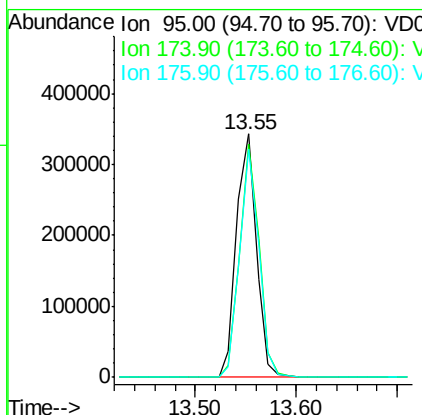
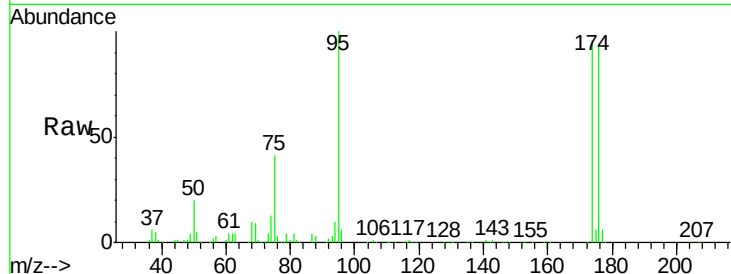




#62
4-Bromofluorobenzene
Concen: 36.281 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063663.D
Acq: 19 Aug 2019 17:45

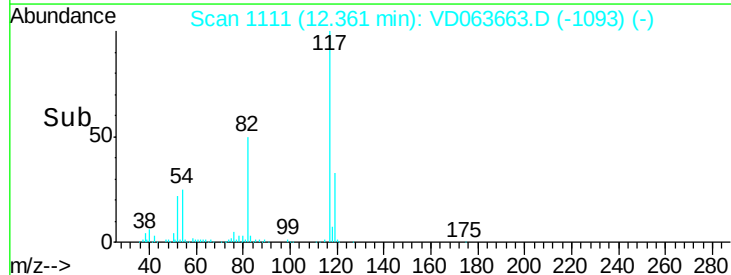
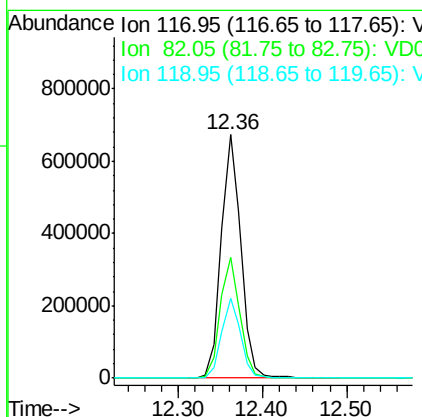
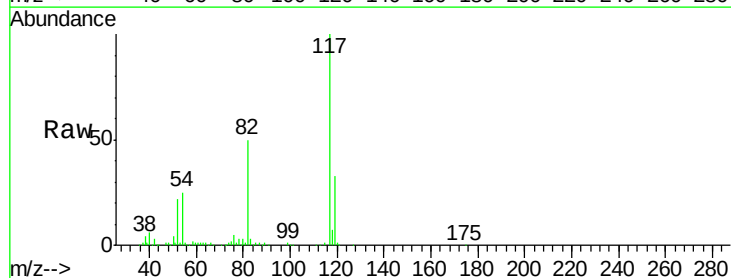
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MSVOA_D
ClientSampleId :
T8-E1-(0)

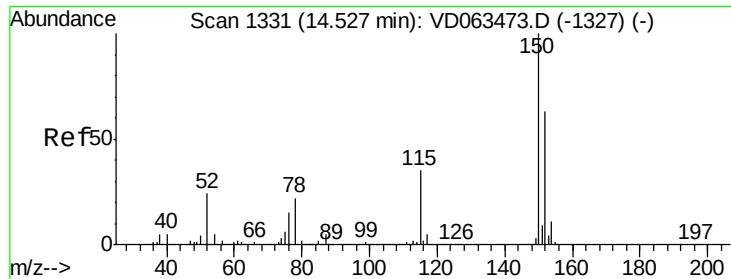
Tot Ion: 95 Resp: 472377
Ion Ratio Lower Upper
95 100
174 96.1 0.0 155.4
176 93.7 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063663.D
Acq: 19 Aug 2019 17:45

Tgt Ion: 117 Resp: 1090980
Ion Ratio Lower Upper
117 100
82 49.7 42.0 63.0
119 32.7 25.4 38.0

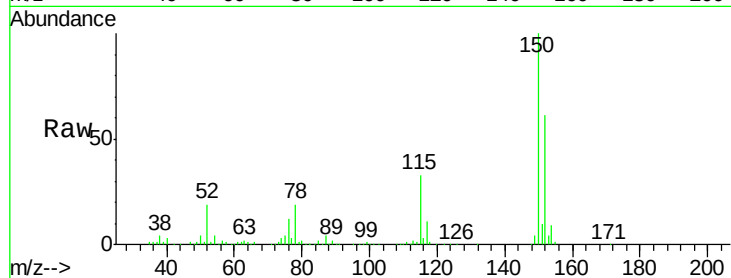




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD063663.D
 Acq: 19 Aug 2019 17:45

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-E1-(0)

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.7	30.9	92.7
150	163.4	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

