

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082019\
 Data File : VD063695.D
 Acq On : 20 Aug 2019 20:01
 Operator : JC/SY
 Sample : K4388-12
 Misc : 6.60g/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

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

Quant Time: Aug 21 04:46:25 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

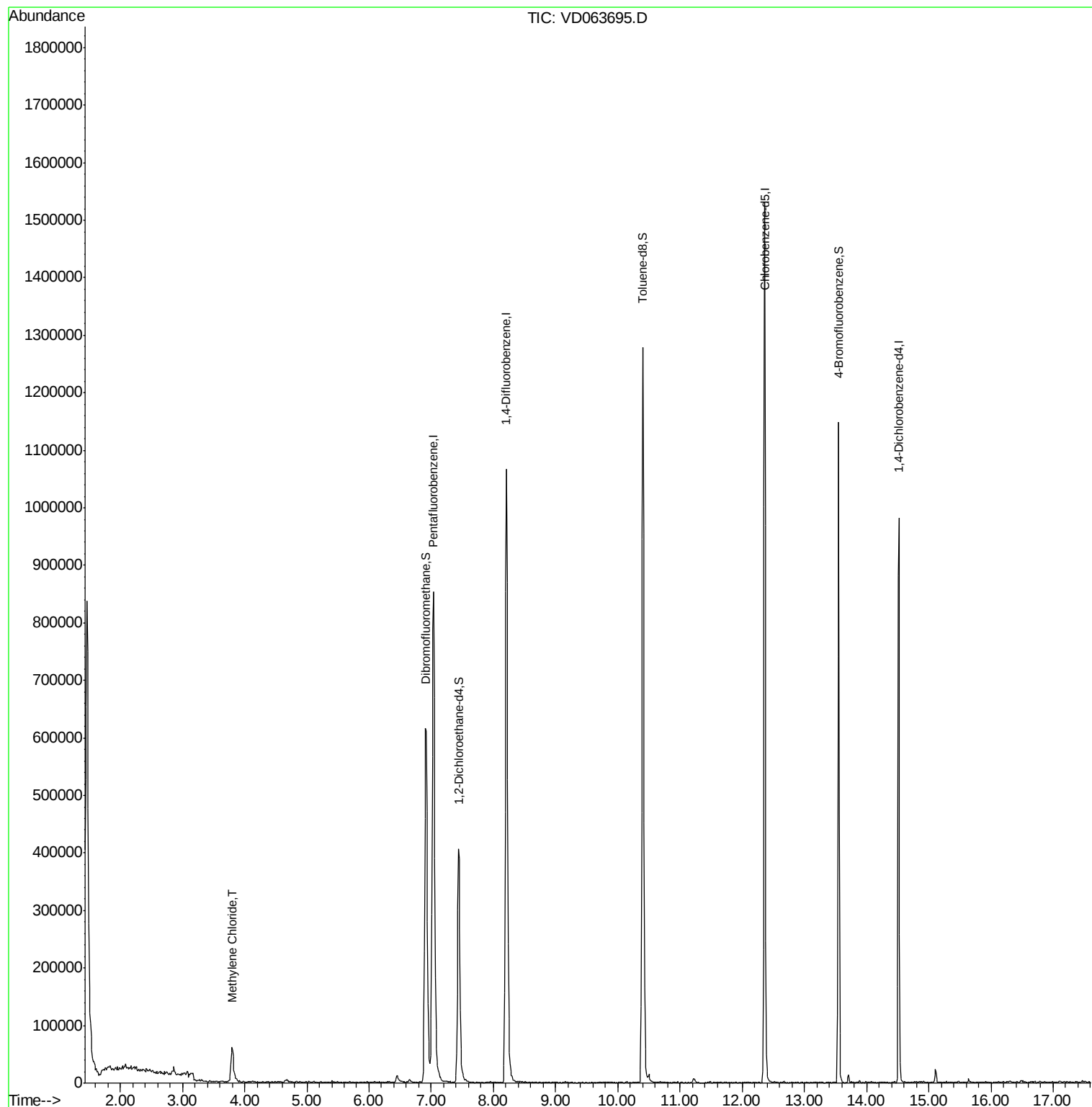
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	835777	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1139943	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	802921	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	231052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	458918	51.37	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	102.74%	
35) Dibromofluoromethane	6.91	113	569537	59.32	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	118.64%	
50) Toluene-d8	10.40	98	984070	46.62	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.24%	
62) 4-Bromofluorobenzene	13.55	95	311647	32.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.16%	
Target Compounds						
20) Methylene Chloride	3.80	84	42623	5.428	ug/l #	93

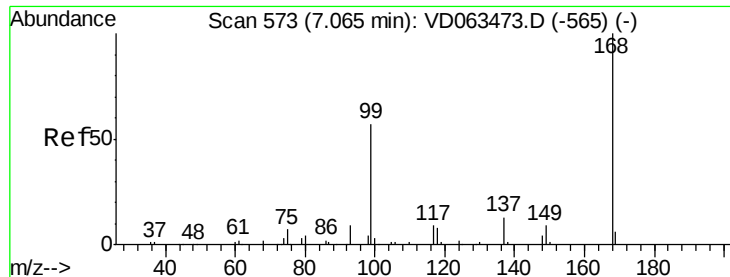
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063695.D

Acq: 20 Aug 2019 20:01

Instrument :

MSVOA_D

ClientSampleId :

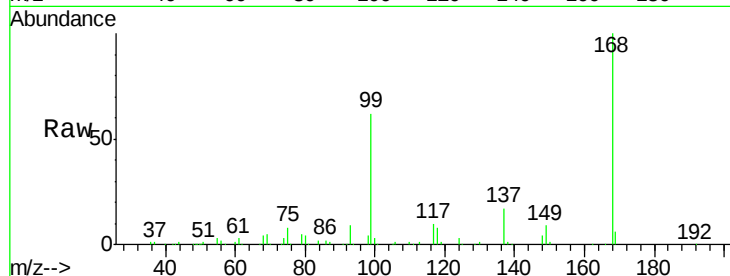
T4-D-(2)

Tot Ion:168 Resp: 835777

Ion Ratio Lower Upper

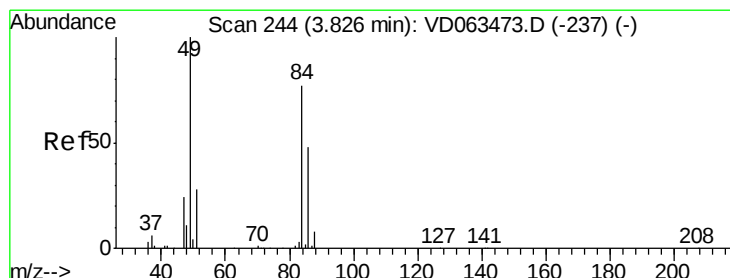
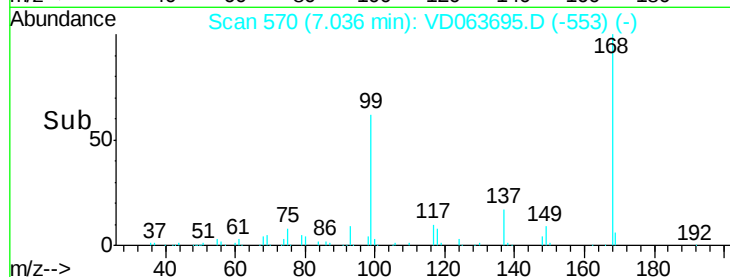
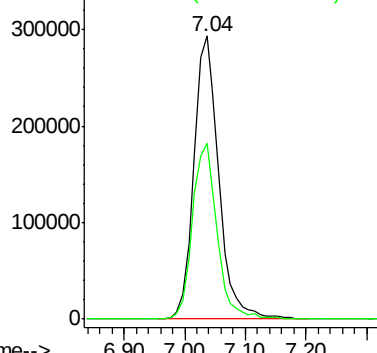
168 100

99 62.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 5.428 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.03 min

Lab File: VD063695.D

Acq: 20 Aug 2019 20:01

Tgt Ion: 84 Resp: 42623

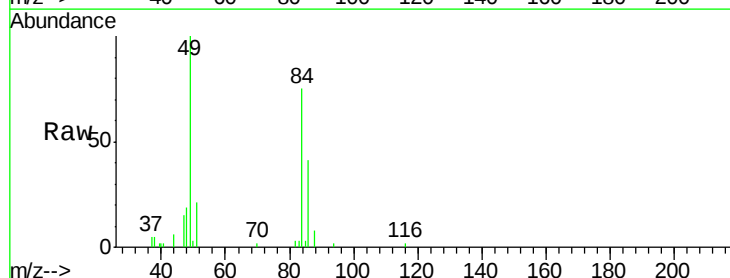
Ion Ratio Lower Upper

84 100

49 133.3 103.4 155.2

51 27.9 28.5 42.7#

86 54.6 49.4 74.2

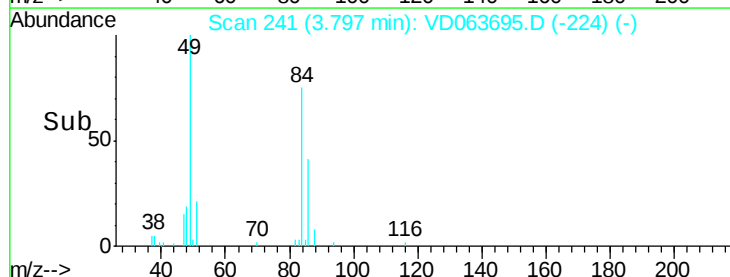
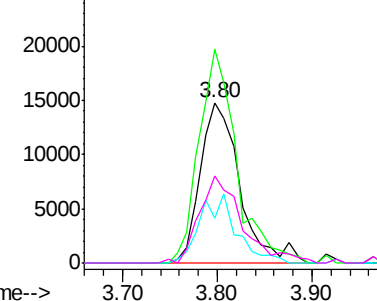


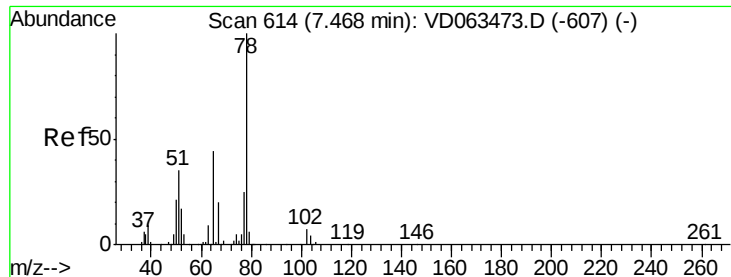
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

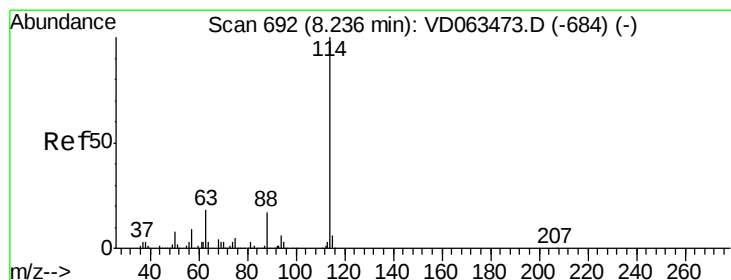
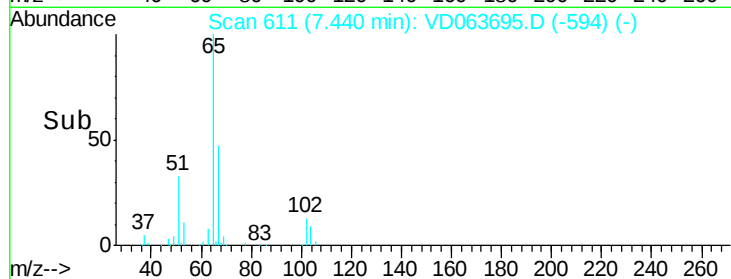
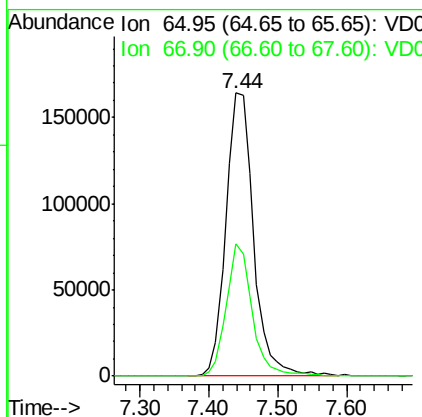
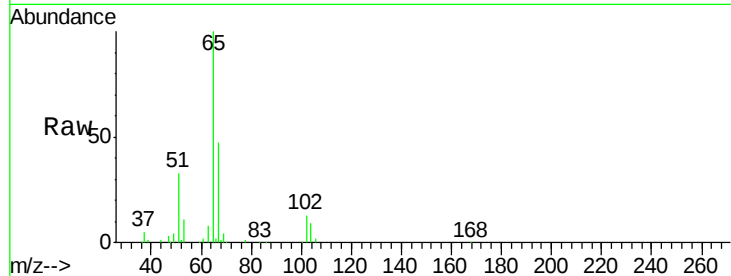




#33
 1,2-Dichloroethane-d4
 Concen: 51.369 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: VD063695.D
 Acq: 20 Aug 2019 20:01

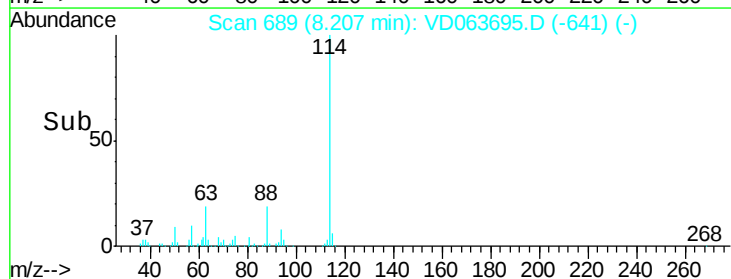
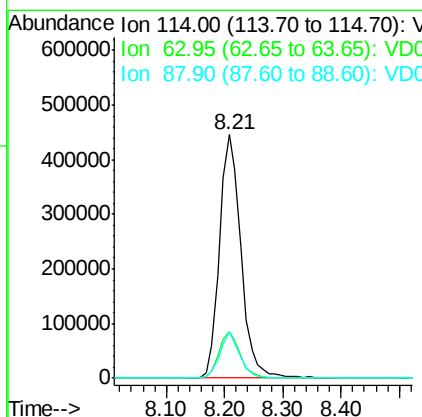
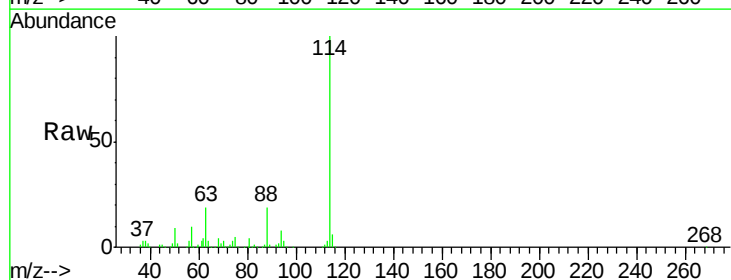
Instrument :
 MSVOA_D
 ClientSampleId :
 T4-D-(2)

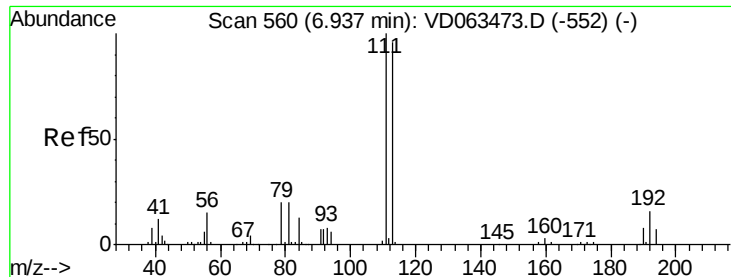
Tot Ion: 65 Resp: 458918
 Ion Ratio Lower Upper
 65 100
 67 46.7 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.03 min
 Lab File: VD063695.D
 Acq: 20 Aug 2019 20:01

Tgt Ion: 114 Resp: 1139943
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 36.2
 88 19.2 0.0 35.0





#35

Dibromofluoromethane

Concen: 59.323 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD063695.D

Acq: 20 Aug 2019 20:01

Instrument :

MSVOA_D

ClientSampled :

T4-D-(2)

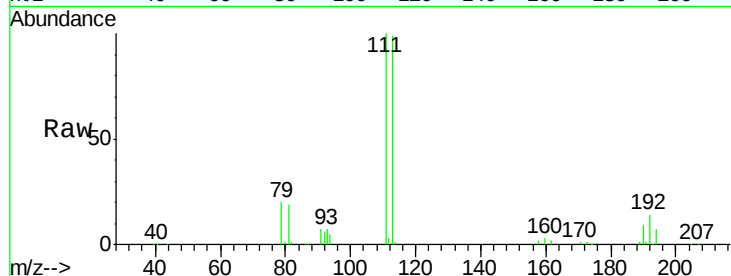
Tot Ion:113 Resp: 569537

Ion Ratio Lower Upper

113 100

111 101.3 83.1 124.7

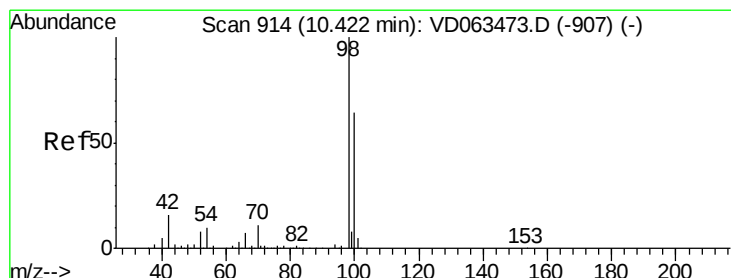
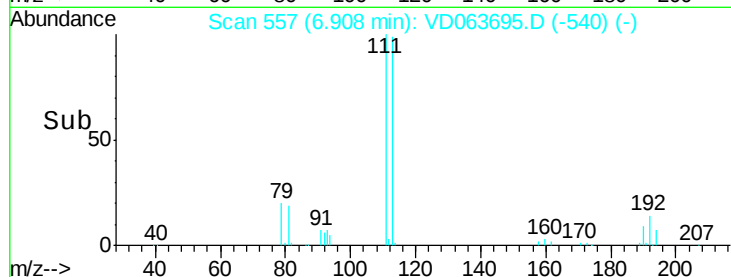
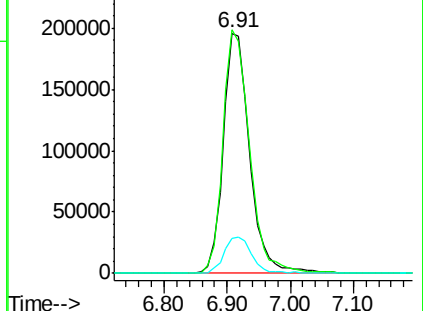
192 14.6 13.1 19.7



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: 46.622 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD063695.D

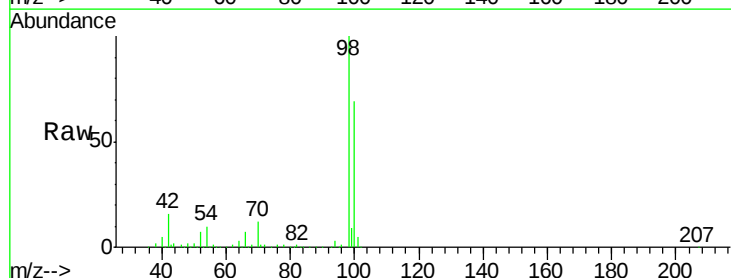
Acq: 20 Aug 2019 20:01

Tgt Ion: 98 Resp: 984070

Ion Ratio Lower Upper

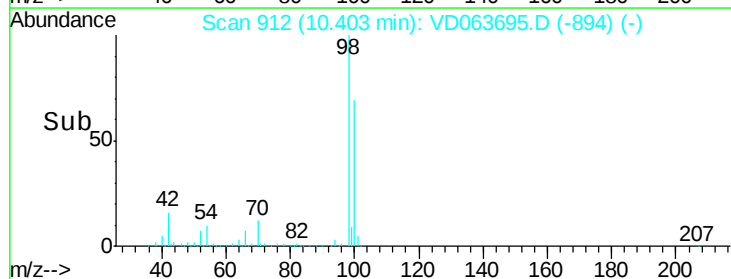
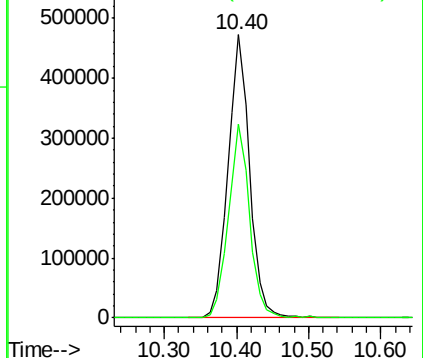
98 100

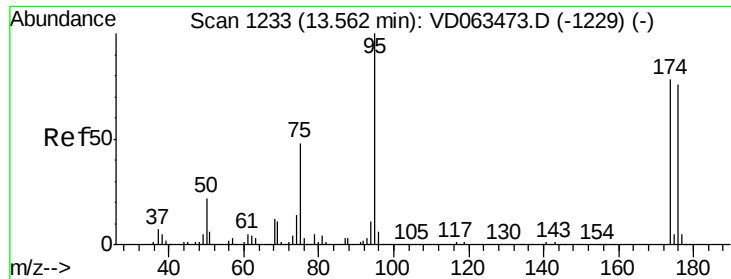
100 68.7 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

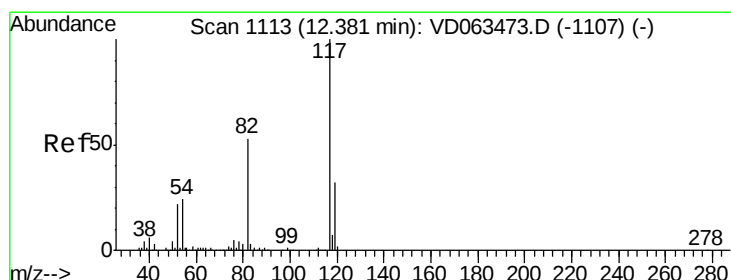
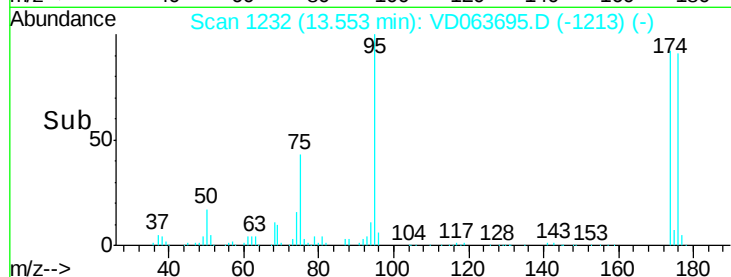
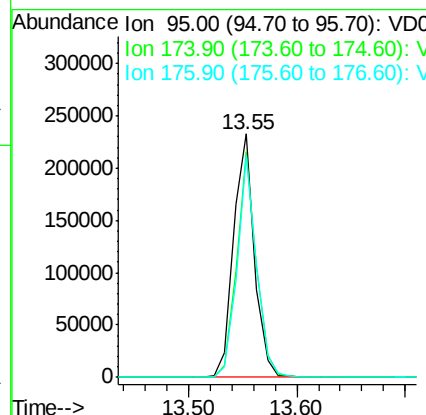
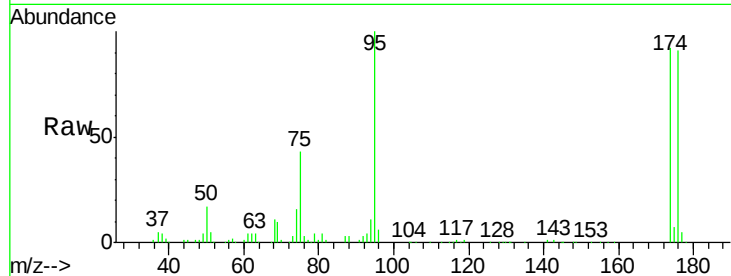




#62
4-Bromofluorobenzene
Concen: 32.576 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063695.D
Acq: 20 Aug 2019 20:01

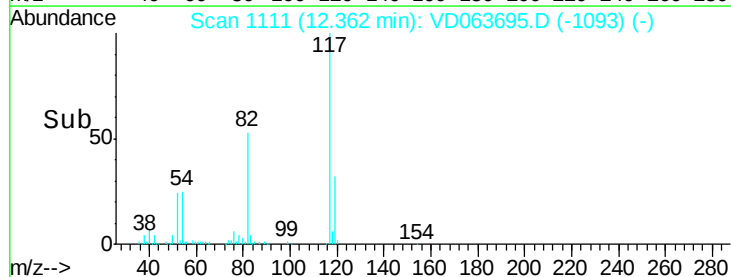
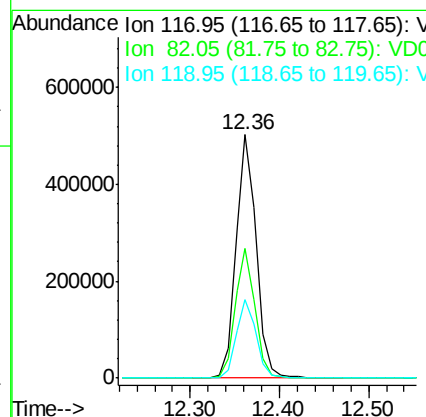
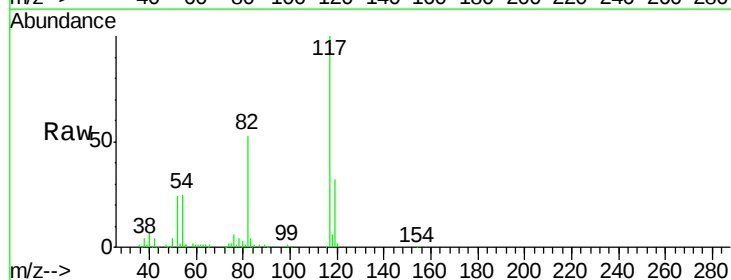
Instrument :
MSVOA_D
ClientSampleId :
T4-D-(2)

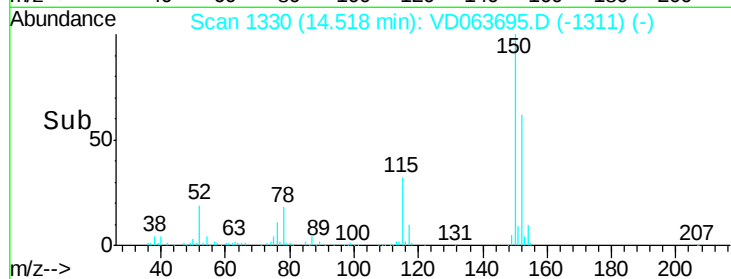
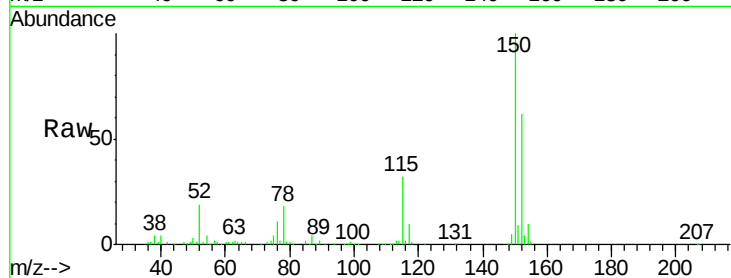
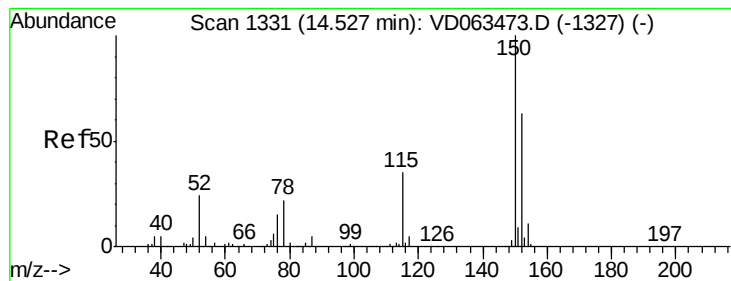
Tot Ion: 95 Resp: 311647
Ion Ratio Lower Upper
95 100
174 92.5 0.0 155.4
176 91.3 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063695.D
Acq: 20 Aug 2019 20:01

Tgt Ion: 117 Resp: 802921
Ion Ratio Lower Upper
117 100
82 53.1 42.0 63.0
119 32.3 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: VD063695.D

Acq: 20 Aug 2019 20:01

Instrument :

MSVOA_D

ClientSampleId :

T4-D-(2)

Tot Ion:152 Resp: 231052

Ion Ratio Lower Upper

152 100

115 51.8 30.9 92.7

150 160.4 0.0 318.6

