

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082720\
 Data File : VD066437.D
 Acq On : 27 Aug 2020 15:24
 Operator : VA/SY
 Sample : L3498-01
 Misc : 6.68G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-06-082620

Quant Time: Aug 28 02:05:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

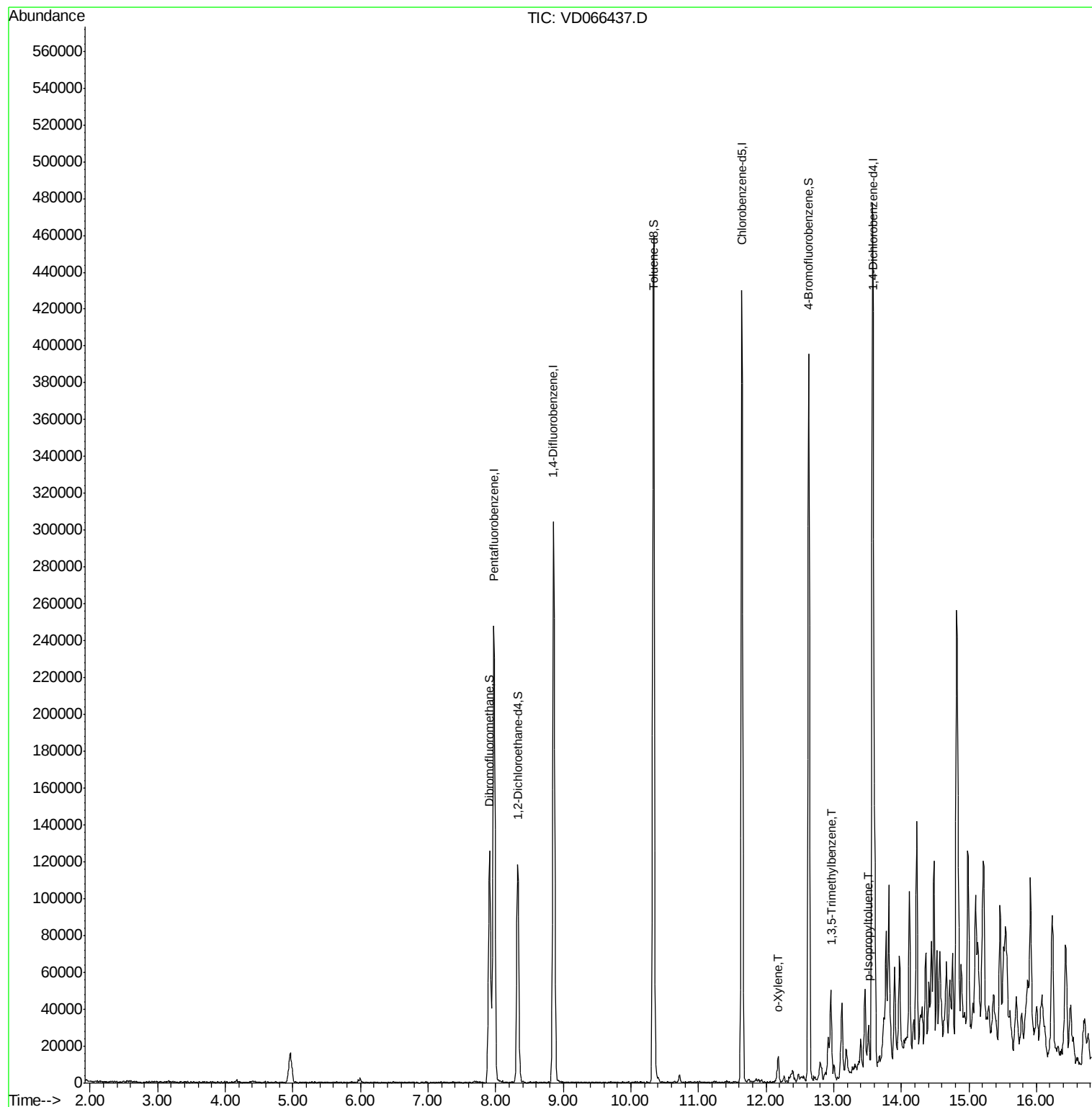
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	182766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	262896	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	238727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	126232	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	107230	59.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.68%	
35) Dibromofluoromethane	7.91	113	82406	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
50) Toluene-d8	10.34	98	306878	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.63	95	110637	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
Target Compounds						
69) o-Xylene	12.18	106	3996	1.348	ug/l	85
80) 1,3,5-Trimethylbenzene	12.96	105	17084	2.340	ug/l	94
86) p-Isopropyltoluene	13.52	119	10329	1.289	ug/l	93

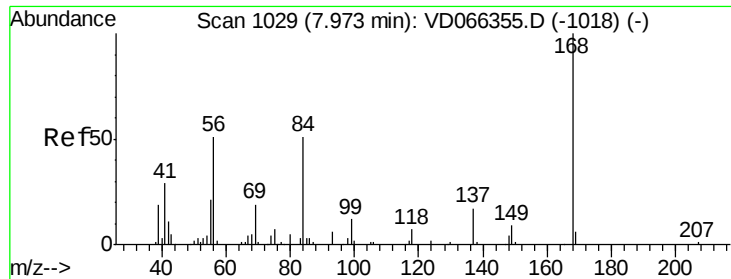
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082720\
Data File : VD066437.D
Acq On : 27 Aug 2020 15:24
Operator : VA/SY
Sample : L3498-01
Misc : 6.68G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-06-082620

Quant Time: Aug 28 02:05:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066437.D

Acq: 27 Aug 2020 15:24

Instrument :

MSVOA_D

ClientSampleId :

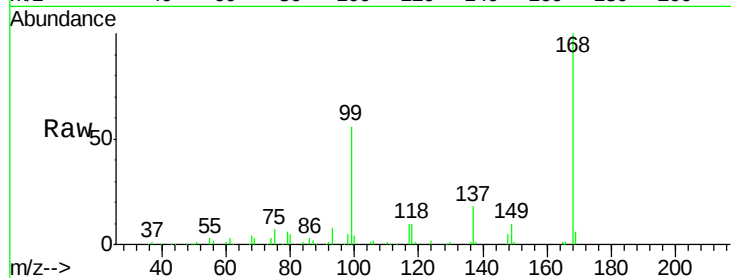
HR-06-082620

Tot Ion:168 Resp: 182766

Ion Ratio Lower Upper

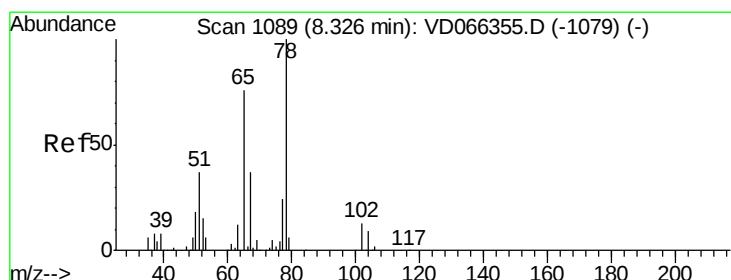
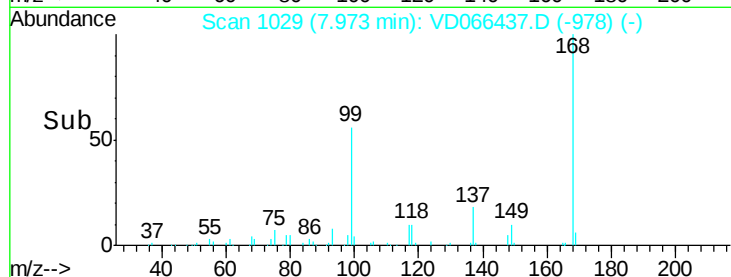
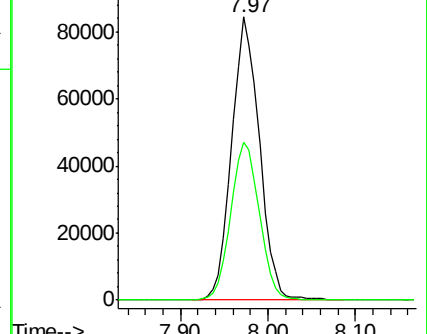
168 100

99 55.6 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 59.844 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066437.D

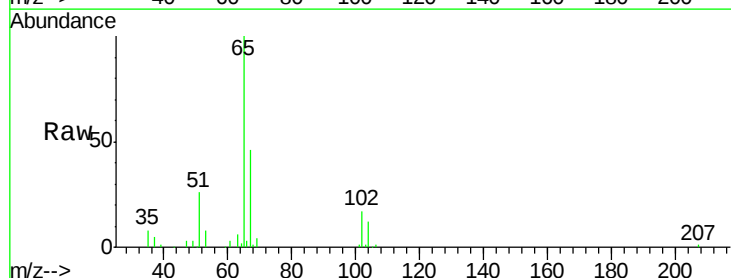
Acq: 27 Aug 2020 15:24

Tgt Ion: 65 Resp: 107230

Ion Ratio Lower Upper

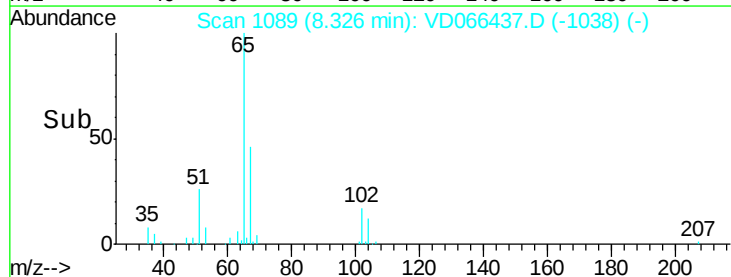
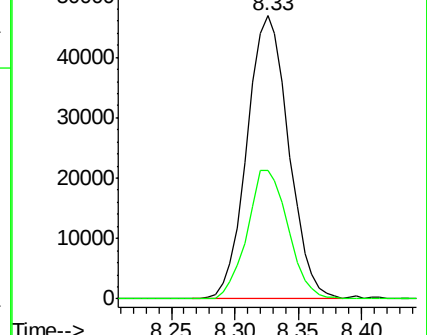
65 100

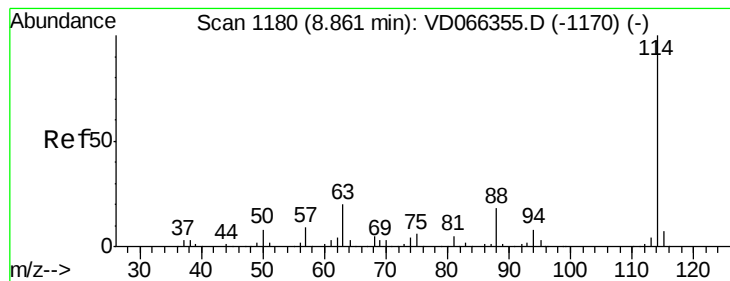
67 44.5 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066437.D

Acq: 27 Aug 2020 15:24

Instrument :

MSVOA_D

ClientSampleId :

HR-06-082620

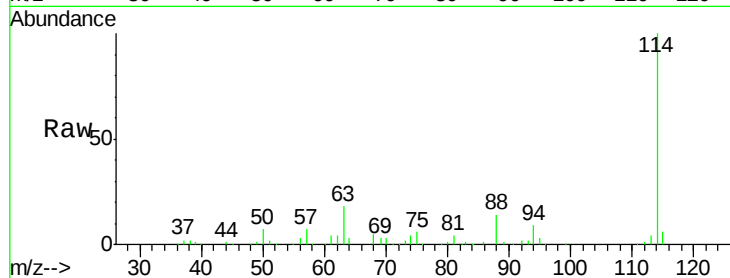
Tot Ion:114 Resp: 262896

Ion Ratio Lower Upper

114 100

63 17.8 0.0 40.8

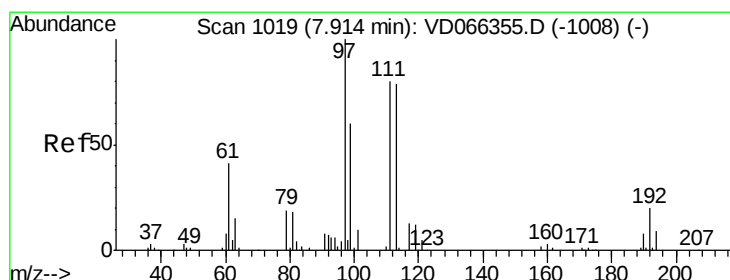
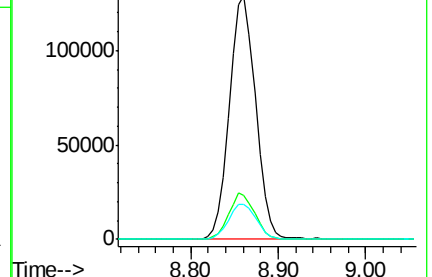
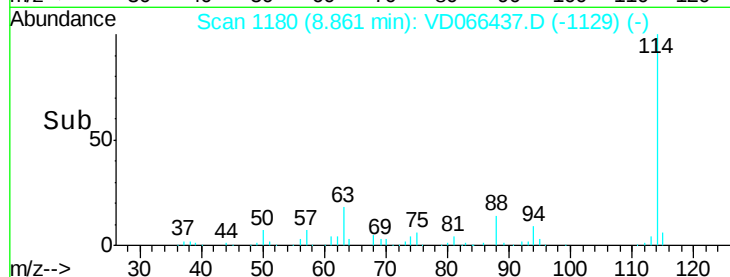
88 14.2 0.0 35.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.128 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066437.D

Acq: 27 Aug 2020 15:24

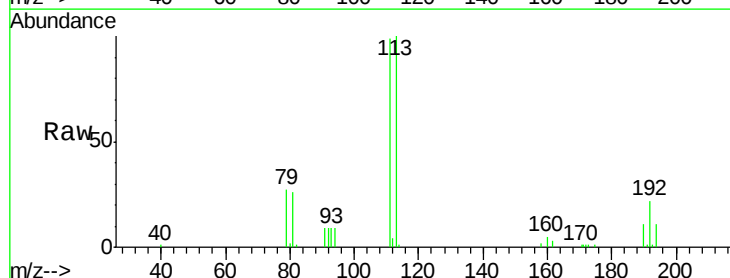
Tgt Ion:113 Resp: 82406

Ion Ratio Lower Upper

113 100

111 101.2 80.3 120.5

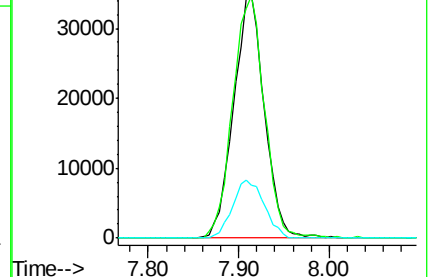
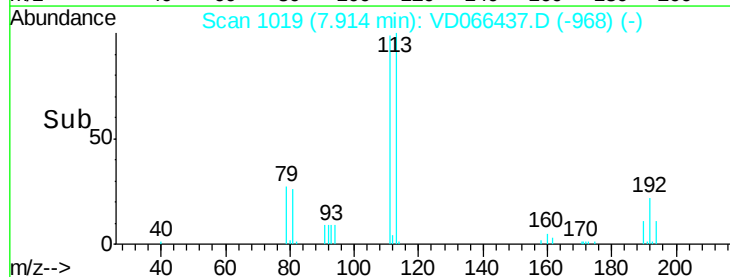
192 24.3 19.0 28.6

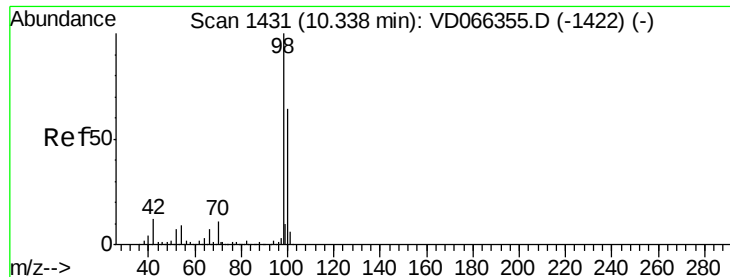


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.020 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066437.D

Acq: 27 Aug 2020 15:24

Instrument :

MSVOA_D

ClientSampleId :

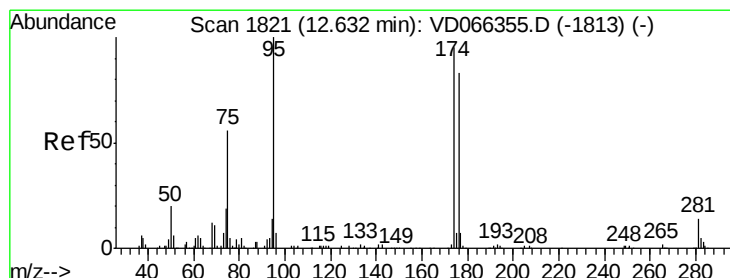
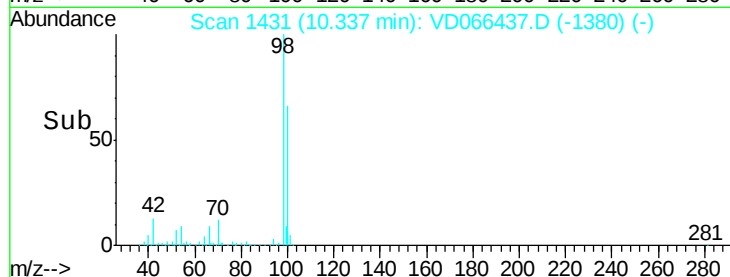
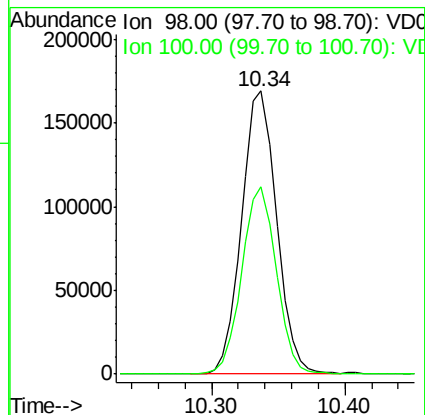
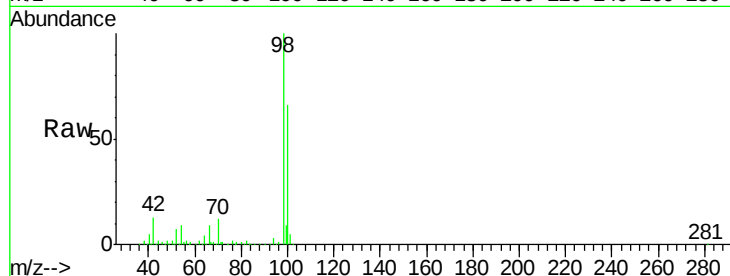
HR-06-082620

Tot Ion: 98 Resp: 306878

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 51.837 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066437.D

Acq: 27 Aug 2020 15:24

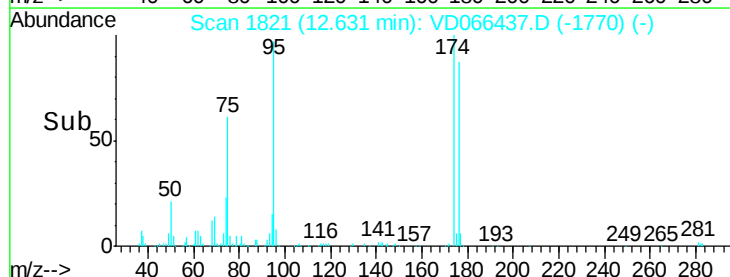
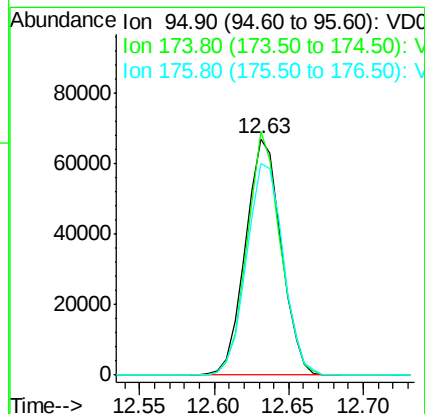
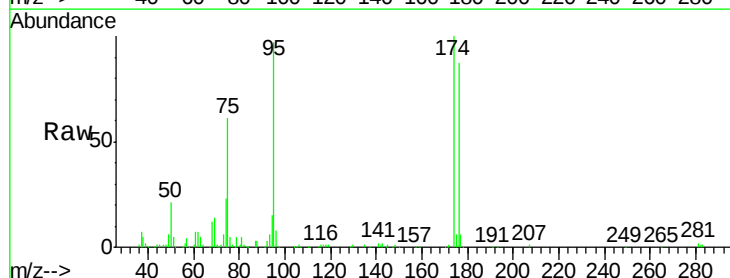
Tgt Ion: 95 Resp: 110637

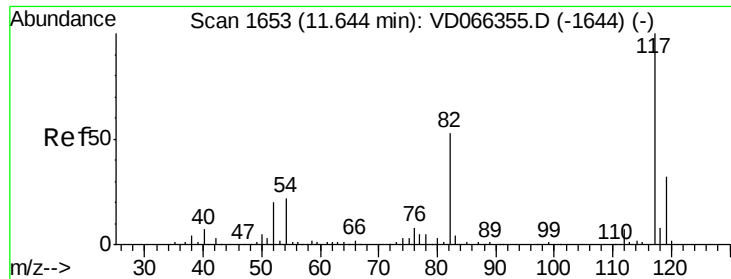
Ion Ratio Lower Upper

95 100

174 96.3 0.0 183.4

176 91.8 0.0 173.8

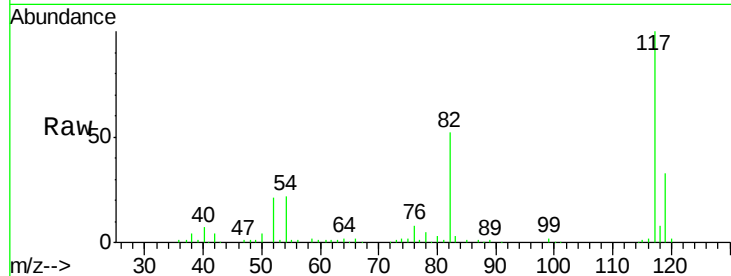




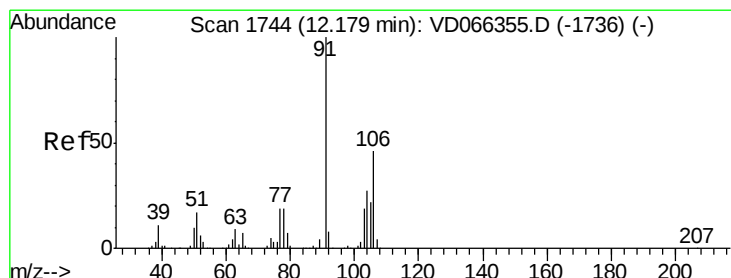
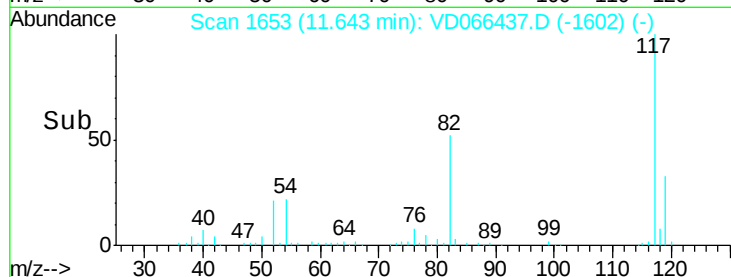
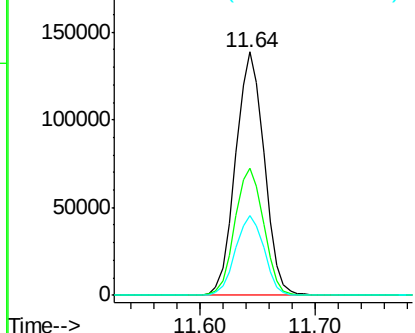
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066437.D
Acq: 27 Aug 2020 15:24

Instrument :
MSVOA_D
ClientSampleId :
HR-06-082620

Tot Ion:117 Resp: 238727
Ion Ratio Lower Upper
117 100
82 52.3 42.8 64.2
119 32.6 25.8 38.8

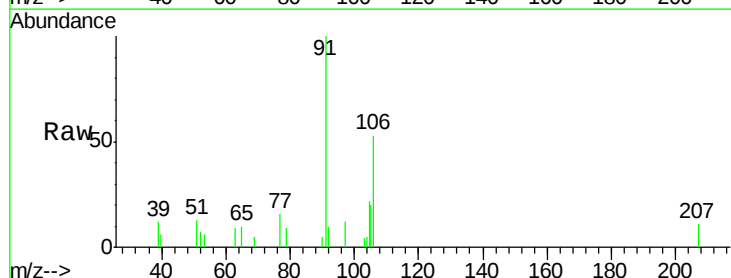


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

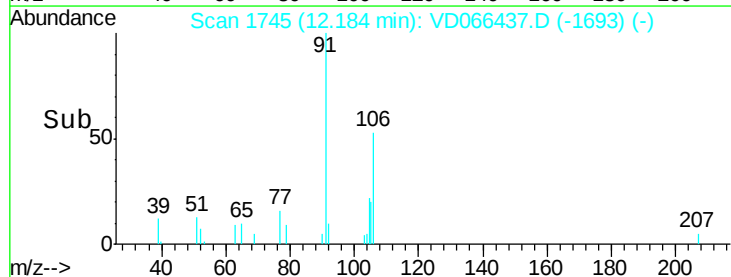
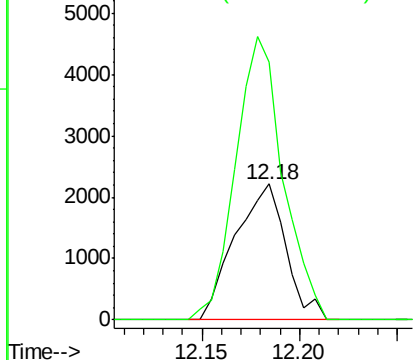


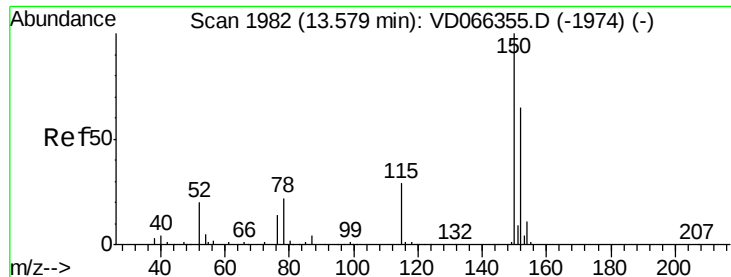
#69
o-Xylene
Concen: 1.348 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066437.D
Acq: 27 Aug 2020 15:24

Tgt Ion:106 Resp: 3996
Ion Ratio Lower Upper
106 100
91 194.9 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066437.D

Acq: 27 Aug 2020 15:24

Instrument :

MSVOA_D

ClientSampleId :

HR-06-082620

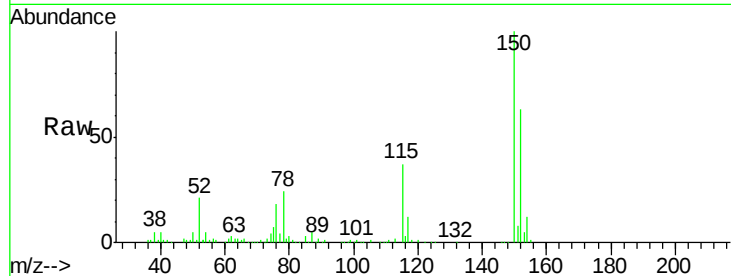
Tot Ion:152 Resp: 126232

Ion Ratio Lower Upper

152 100

115 60.4 28.3 85.0

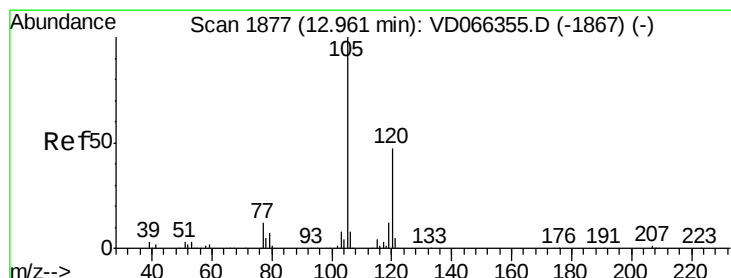
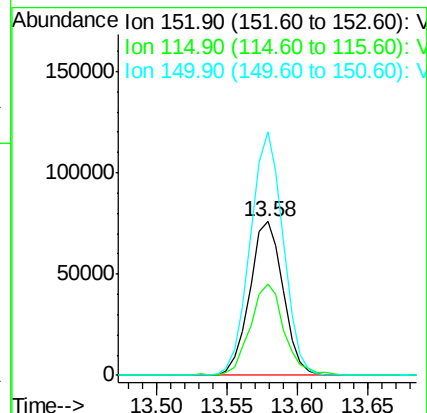
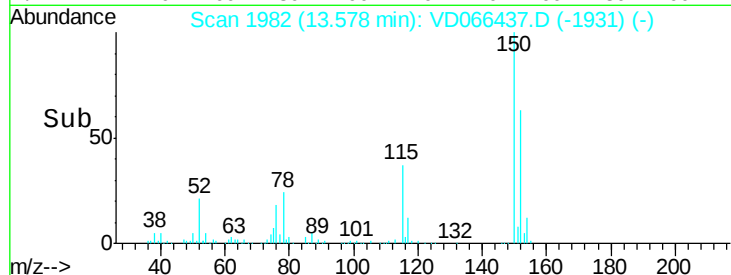
150 155.9 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#80

1,3,5-Trimethylbenzene

Concen: 2.340 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066437.D

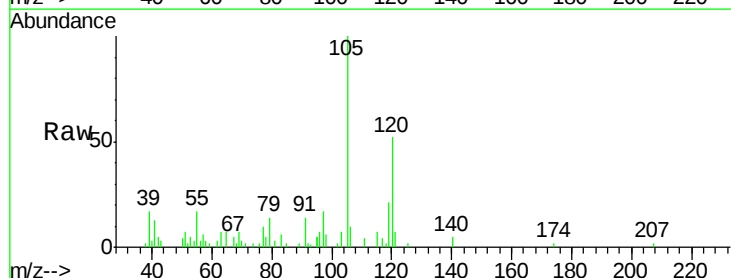
Acq: 27 Aug 2020 15:24

Tgt Ion:105 Resp: 17084

Ion Ratio Lower Upper

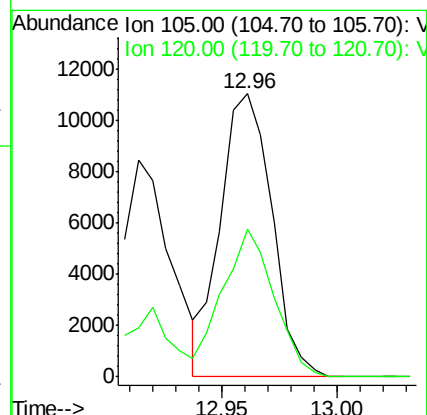
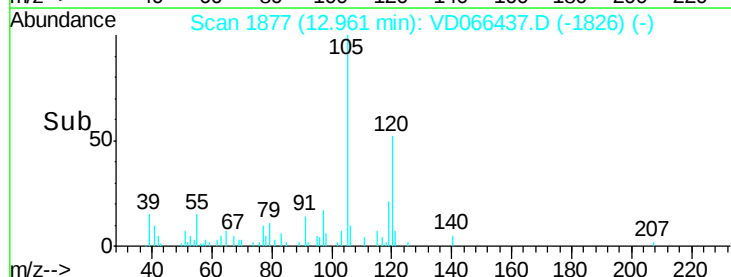
105 100

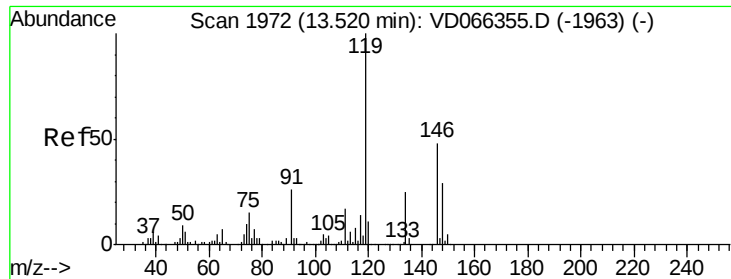
120 52.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#86

p-Isopropyltoluene

Concen: 1.289 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066437.D

Acq: 27 Aug 2020 15:24

Instrument :

MSVOA_D

ClientSampleId :

HR-06-082620

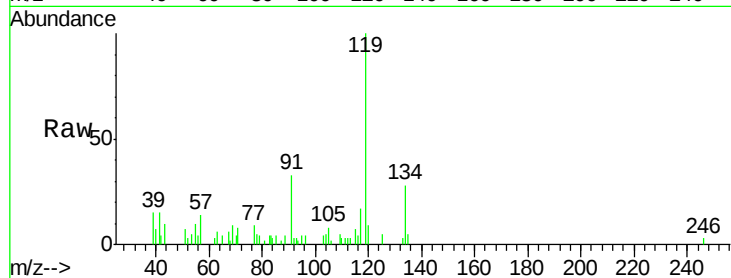
Tot Ion:119 Resp: 10329

Ion Ratio Lower Upper

119 100

134 28.4 12.8 38.3

91 29.4 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

