

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081320\
 Data File : VD066225.D
 Acq On : 13 Aug 2020 22:04
 Operator : VA/SY
 Sample : L3662-03
 Misc : 7.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-374

Quant Time: Aug 14 04:29:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

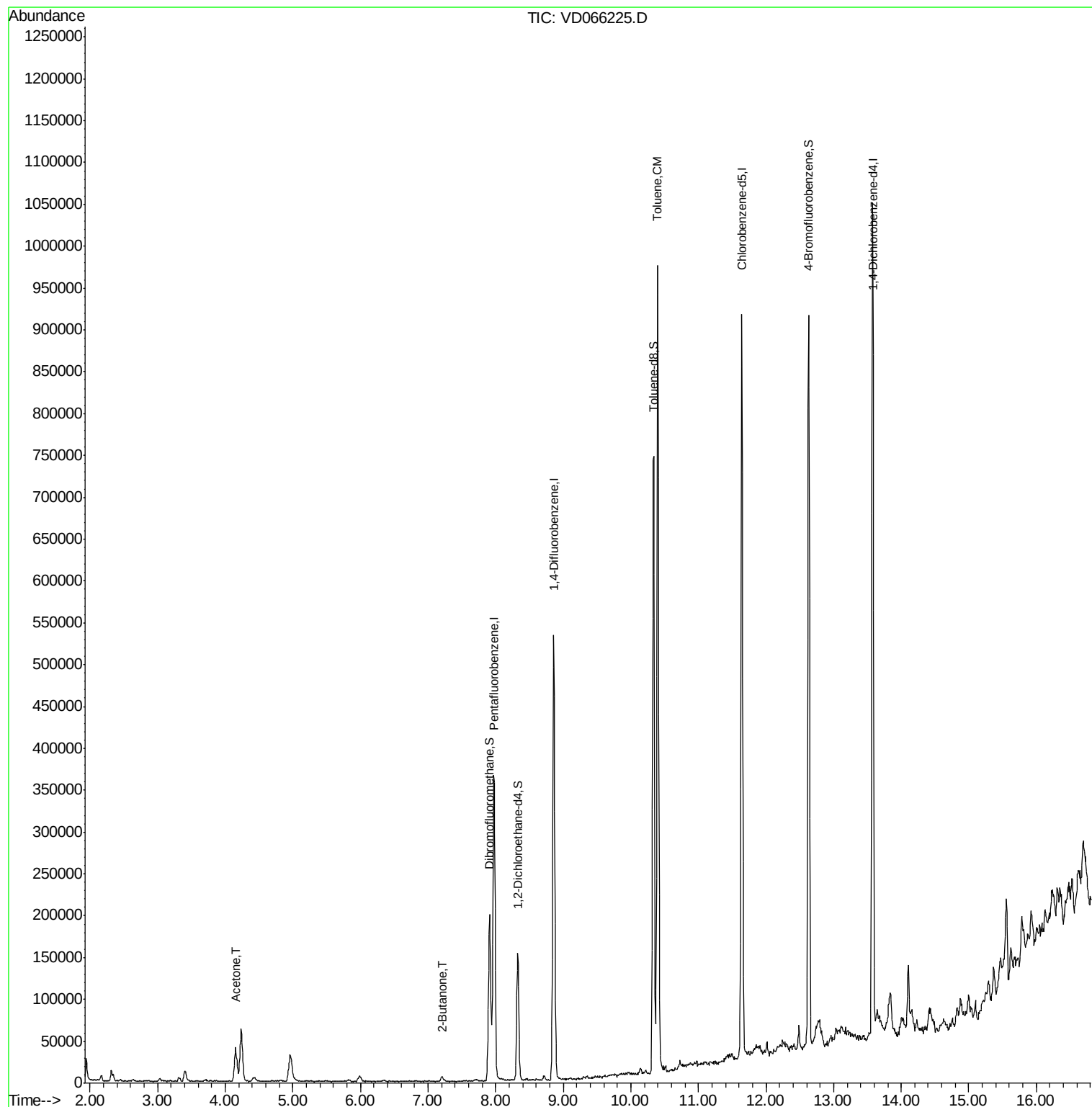
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	286579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	465460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	517907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	282828	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	121867	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
35) Dibromofluoromethane	7.91	113	142526	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
50) Toluene-d8	10.34	98	507113	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
62) 4-Bromofluorobenzene	12.63	95	275532	70.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	140.50%	
Target Compounds						
16) Acetone	4.16	43	70431	145.183	ug/l	91
25) 2-Butanone	7.20	43	6771	9.490	ug/l #	81
52) Toluene	10.40	92	419952	52.598	ug/l	97

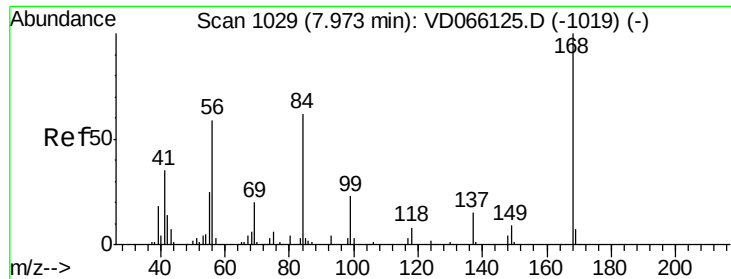
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066225.D

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MSVOA_D

ClientSampleId :

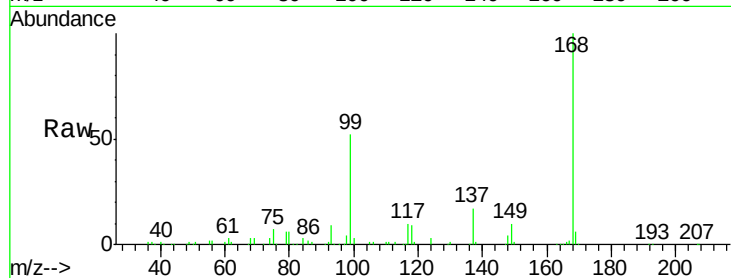
RBR-374

Tot Ion:168 Resp: 286579

Ion Ratio Lower Upper

168 100

99 52.2 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

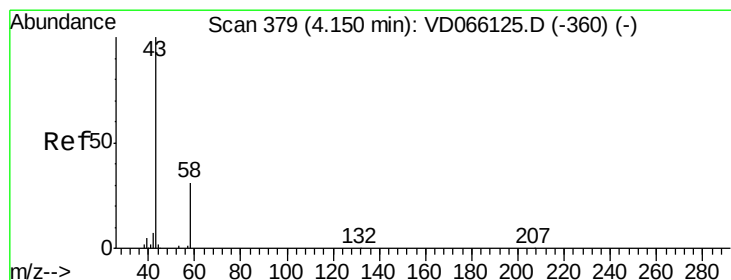
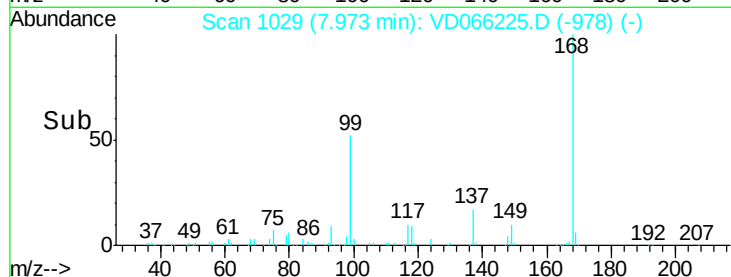
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 145.183 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066225.D

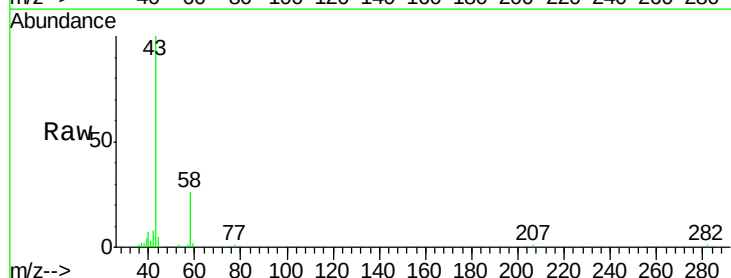
Acq: 13 Aug 2020 22:04

Tgt Ion: 43 Resp: 70431

Ion Ratio Lower Upper

43 100

58 25.7 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

30000

25000

20000

15000

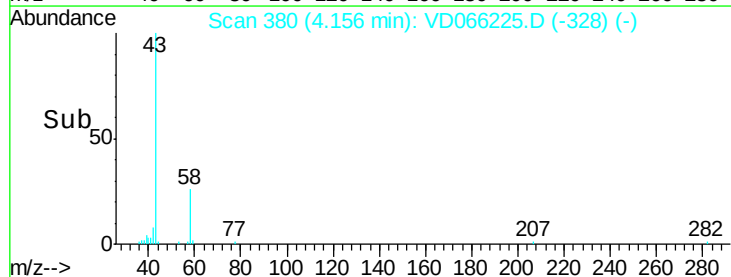
10000

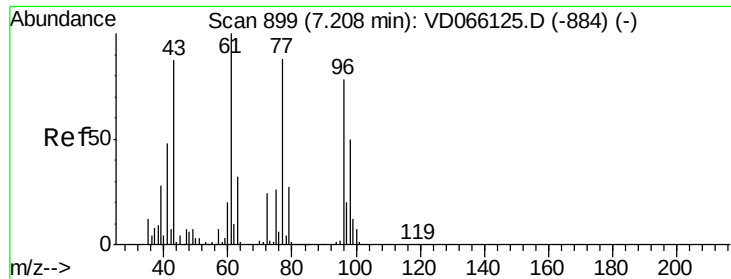
5000

0

Time-->

4.10 4.20





#25

2-Butanone

Concen: 9.490 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066225.D

Acq: 13 Aug 2020 22:04

Instrument :

MSVOA_D

ClientSampleId :

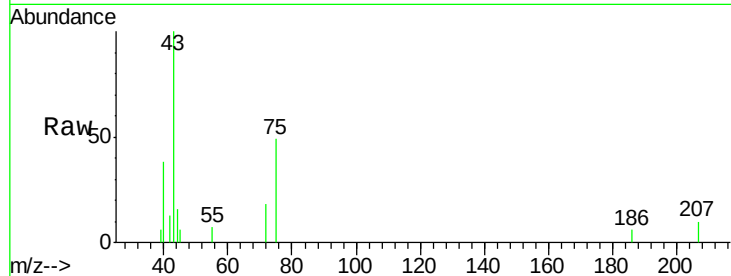
RBR-374

Tot Ion: 43 Resp: 6771

Ion Ratio Lower Upper

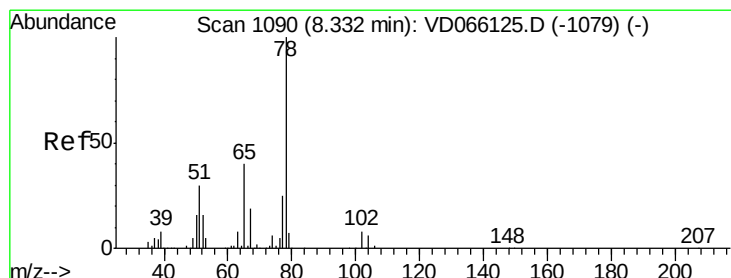
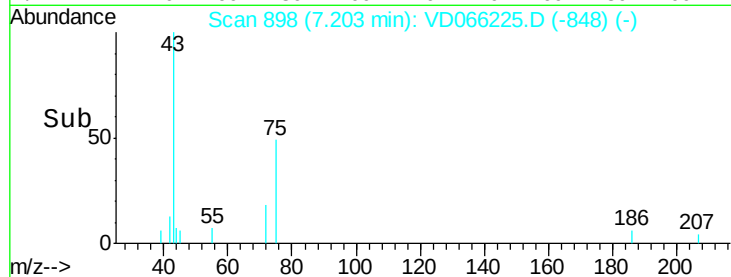
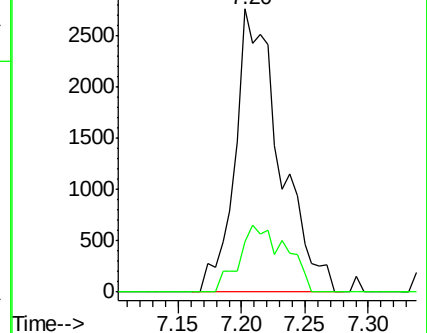
43 100

72 17.6 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 47.665 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066225.D

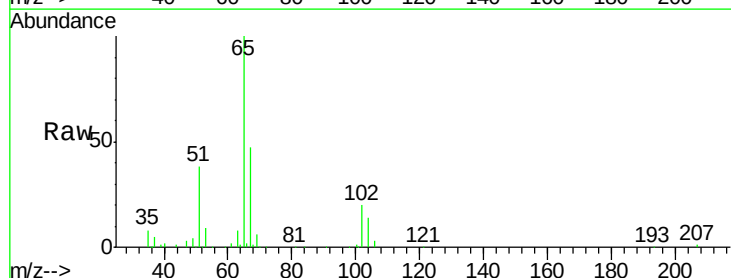
Acq: 13 Aug 2020 22:04

Tgt Ion: 65 Resp: 121867

Ion Ratio Lower Upper

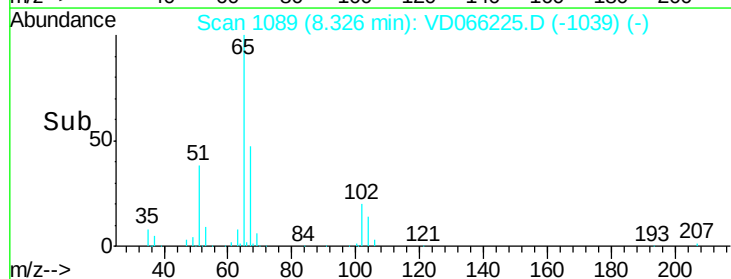
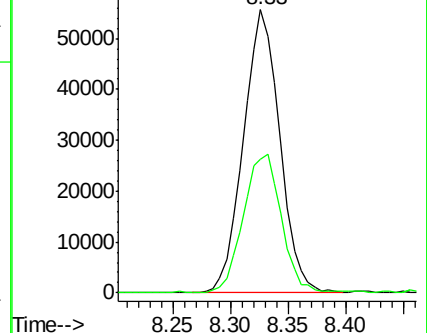
65 100

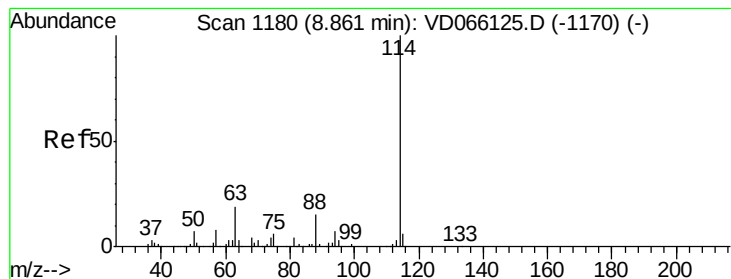
67 51.1 0.0 104.6



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: VD066225.D

Acq: 13 Aug 2020 22:04

Instrument :

MSVOA_D

ClientSampleId :

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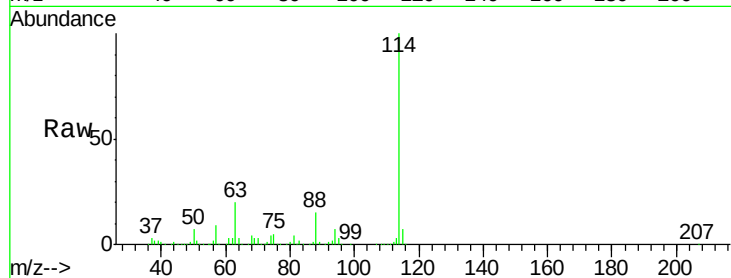
Tot Ion:114 Resp: 465460

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.6

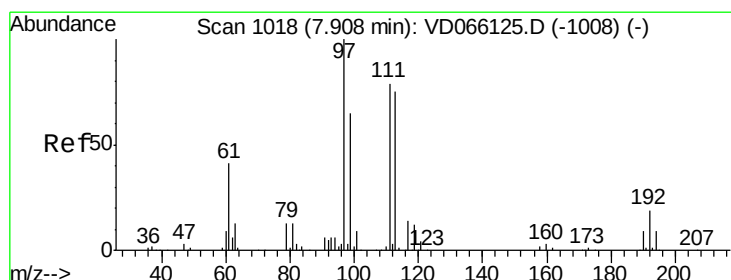
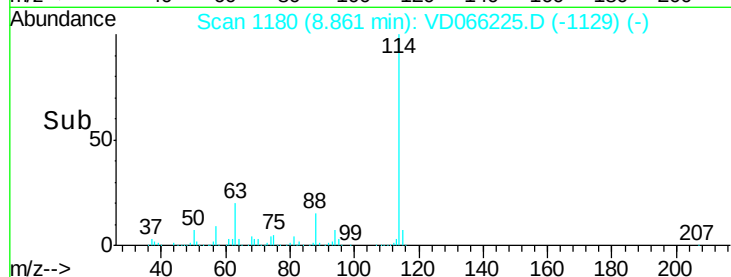
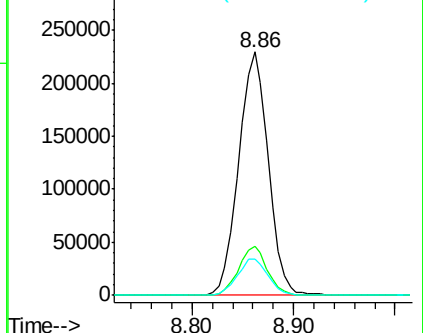
88 14.8 0.0 30.0



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: 48.336 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066225.D

Acq: 13 Aug 2020 22:04

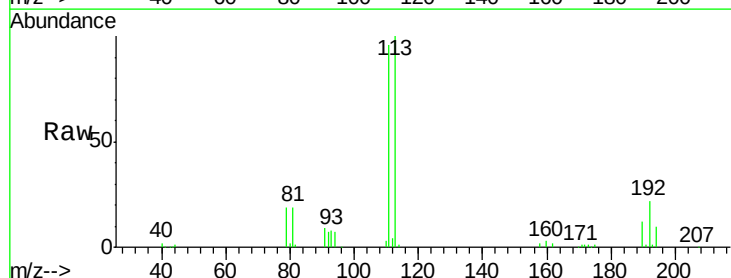
Tgt Ion:113 Resp: 142526

Ion Ratio Lower Upper

113 100

111 102.2 80.7 121.1

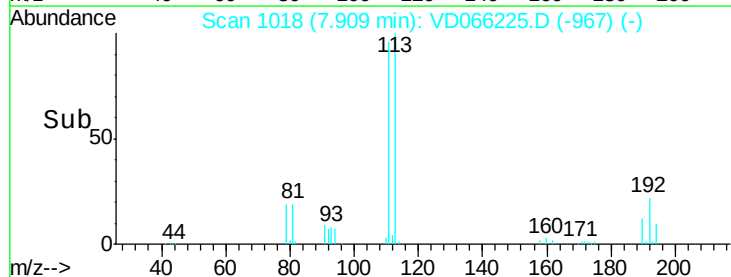
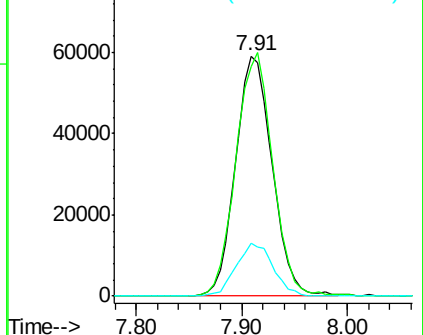
192 22.0 18.4 27.6

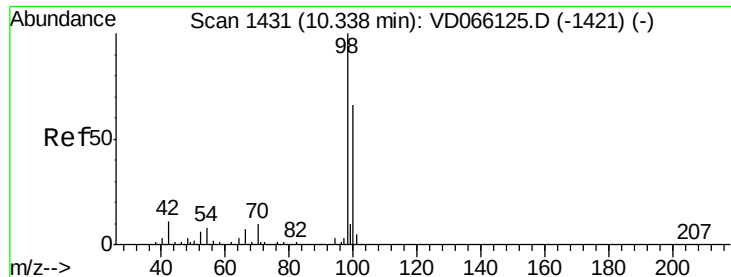


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

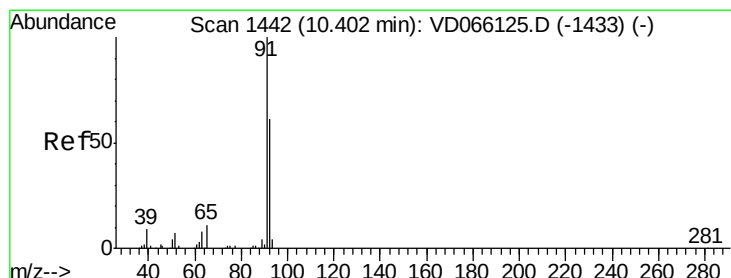
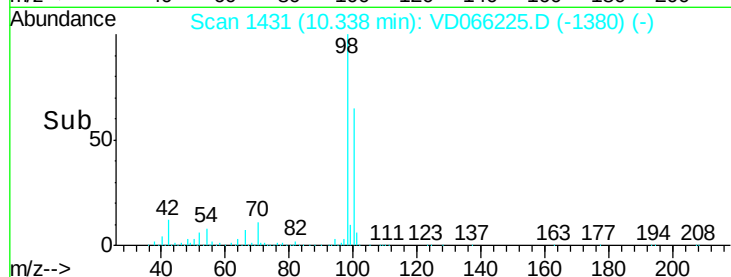
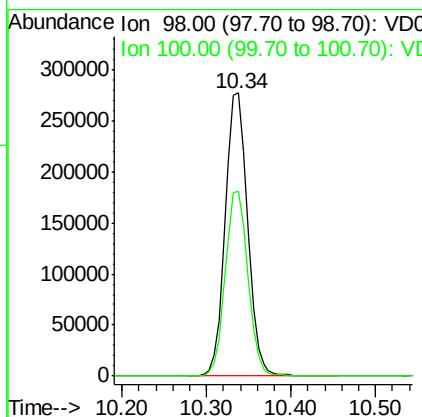
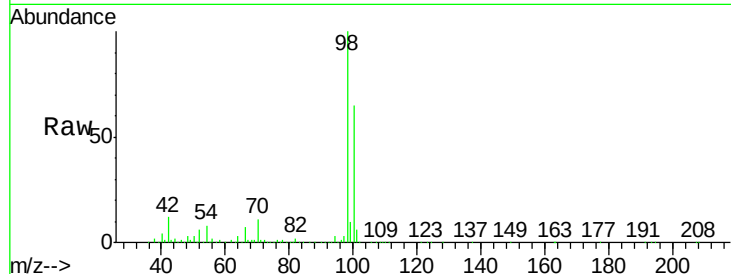




#50
Toluene-d8
Concen: 46.604 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066225.D
Acq: 13 Aug 2020 22:04

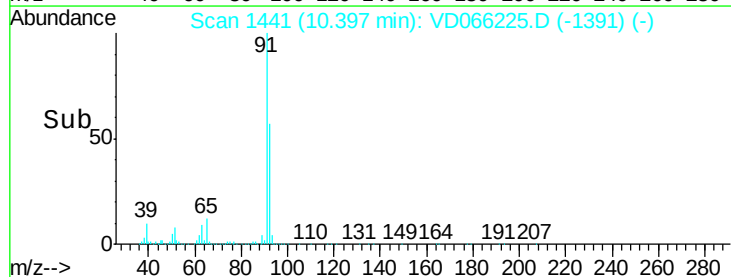
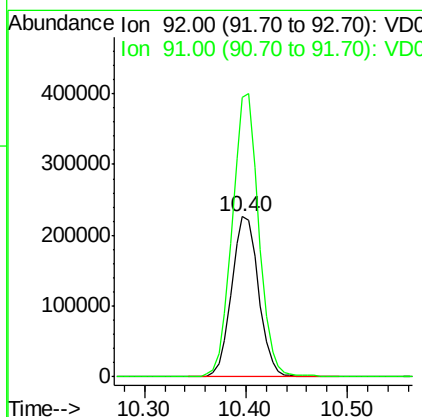
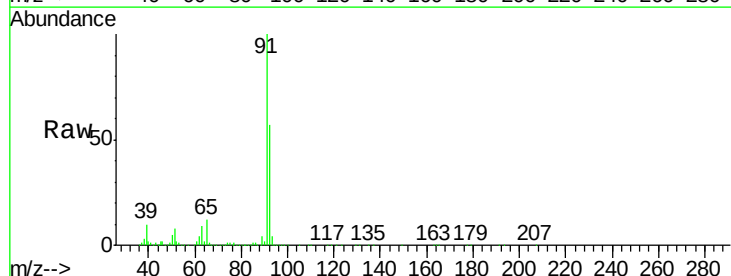
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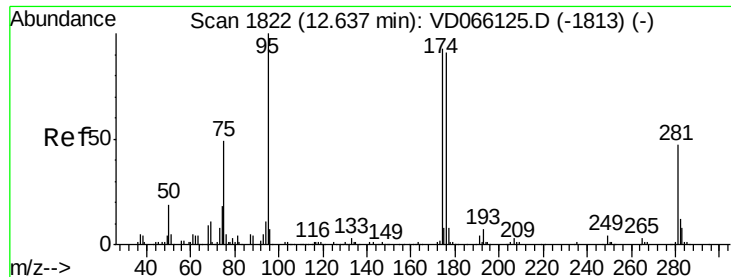
Tot Ion: 98 Resp: 507113
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#52
Toluene
Concen: 52.598 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066225.D
Acq: 13 Aug 2020 22:04

Tgt Ion: 92 Resp: 419952
Ion Ratio Lower Upper
92 100
91 172.7 135.2 202.8

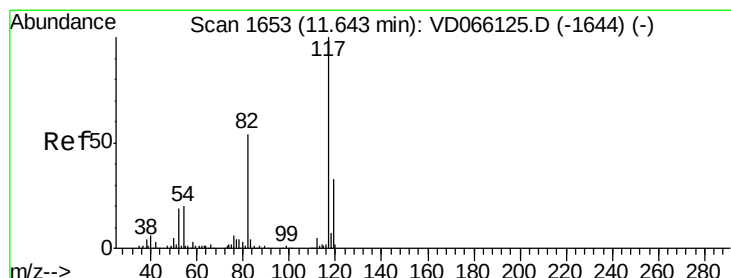
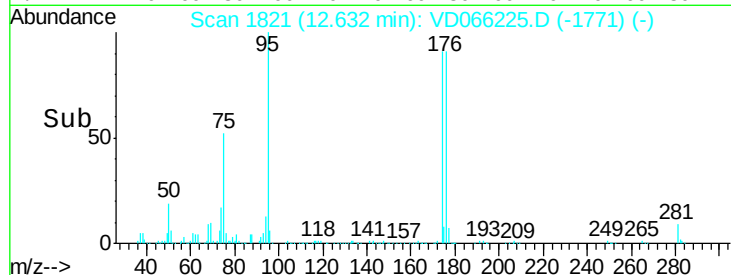
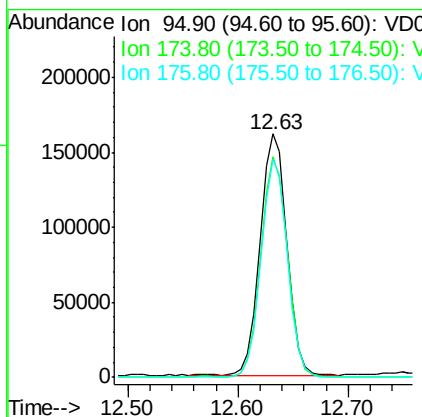
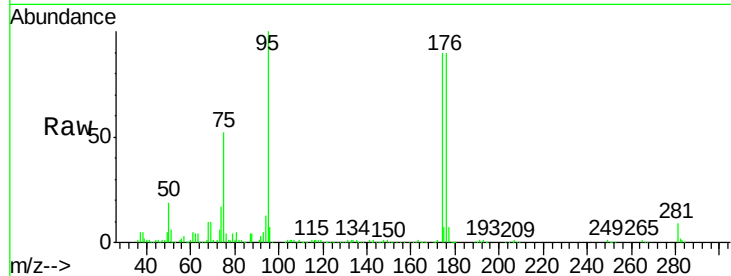




#62
4-Bromofluorobenzene
Concen: 70.248 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066225.D
Acq: 13 Aug 2020 22:04

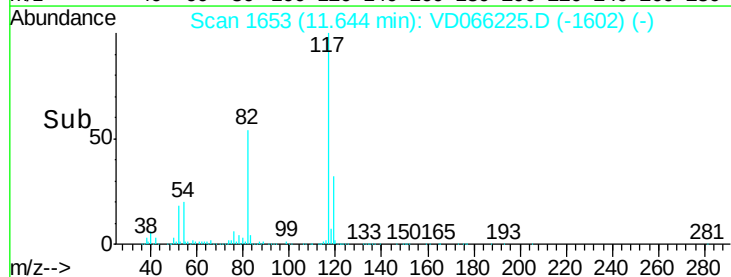
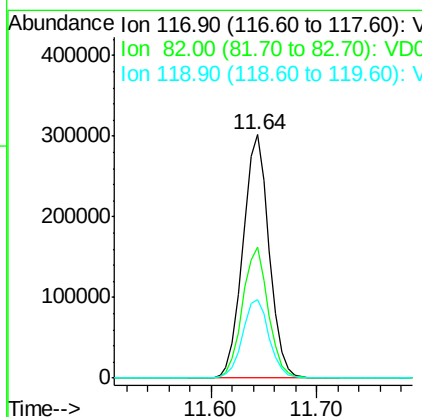
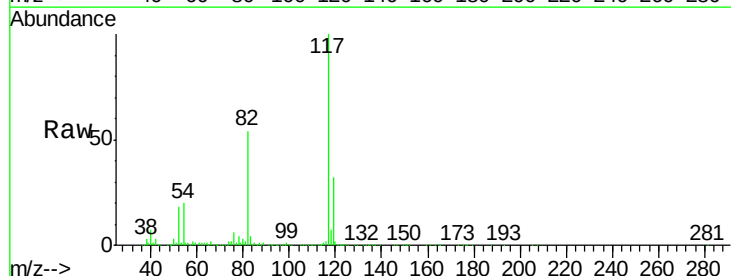
Instrument :
MSVOA_D
ClientSampleId :
RBR-374

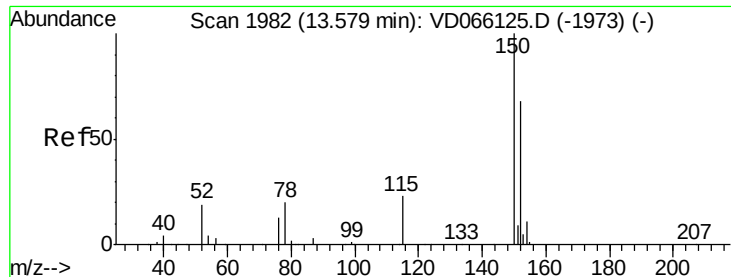
Tot Ion: 95 Resp: 275532
Ion Ratio Lower Upper
95 100
174 90.9 0.0 180.8
176 88.0 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066225.D
Acq: 13 Aug 2020 22:04

Tgt Ion: 117 Resp: 517907
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.4 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066225.D

Acq: 13 Aug 2020 22:04

Instrument :

MSVOA_D

ClientSampleId :

RBR-374

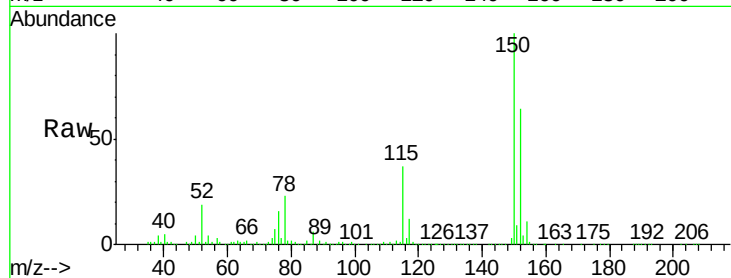
Tot Ion:152 Resp: 282828

Ion Ratio Lower Upper

152 100

115 56.6 28.0 83.9

150 154.9 0.0 346.4



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

