

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081720\
 Data File : VD066254.D
 Acq On : 17 Aug 2020 13:33
 Operator : VA/SY
 Sample : L3662-05
 Misc : 7.55G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-59

Quant Time: Aug 17 14:52:47 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

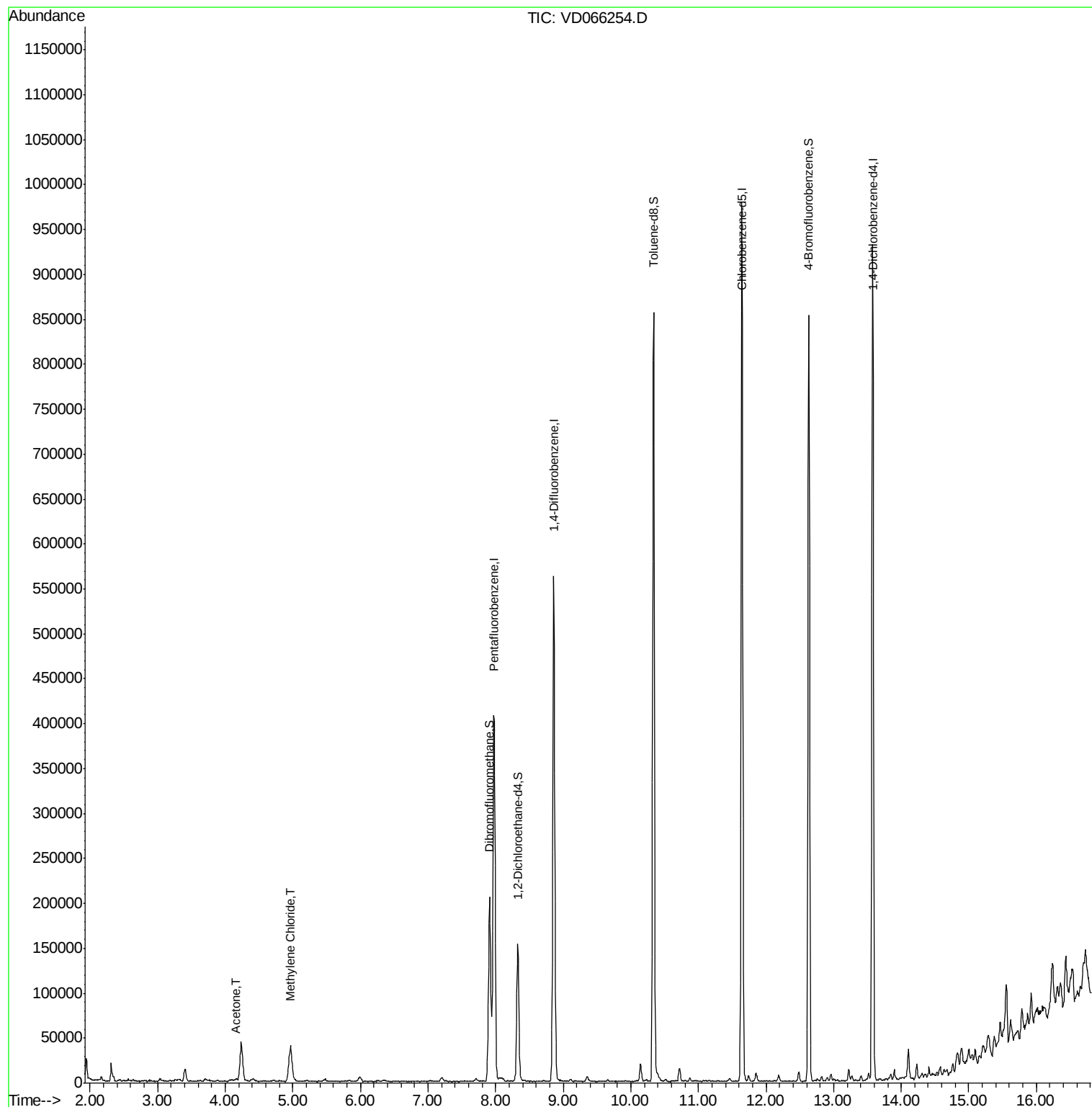
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	320051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	488885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	564646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	260499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	122096	42.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.52%	
35) Dibromofluoromethane	7.91	113	142347	45.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.92%	
50) Toluene-d8	10.34	98	586734	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.63	95	265032	64.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.66%	
Target Compounds						
16) Acetone	4.16	43	5355	9.884	ug/l #	85
20) Methylene Chloride	4.96	84	31785	6.122	ug/l	94

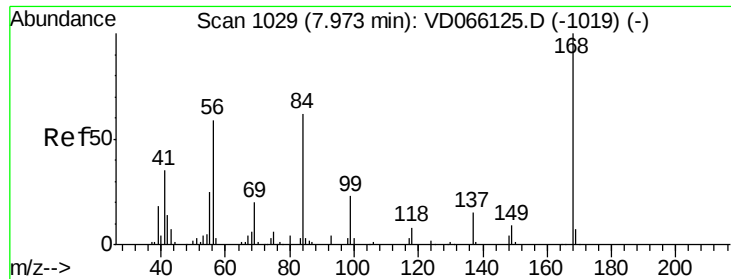
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066254.D

Acq: 17 Aug 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

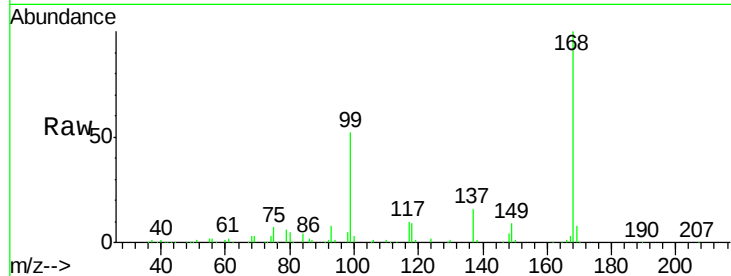
RBR-59

Tot Ion:168 Resp: 320051

Ion Ratio Lower Upper

168 100

99 51.6 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

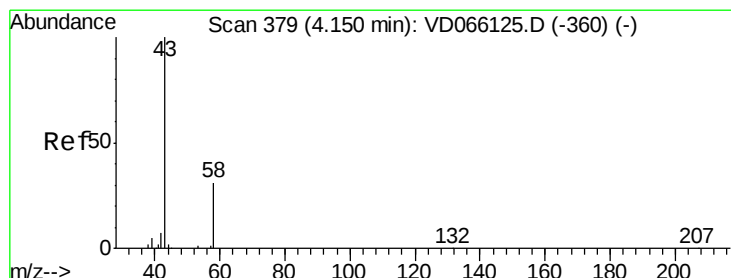
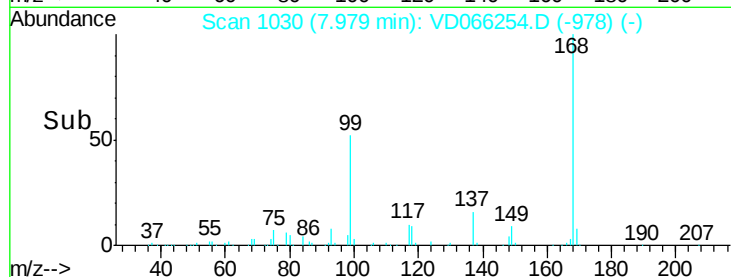
150000

100000

50000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 9.884 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066254.D

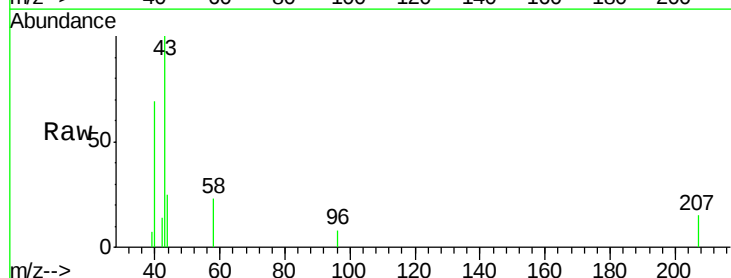
Acq: 17 Aug 2020 13:33

Tgt Ion: 43 Resp: 5355

Ion Ratio Lower Upper

43 100

58 22.5 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

2500

2000

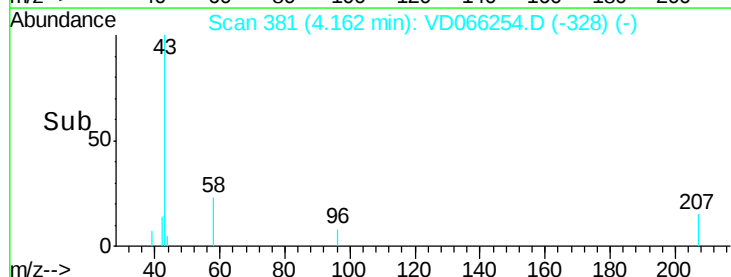
1500

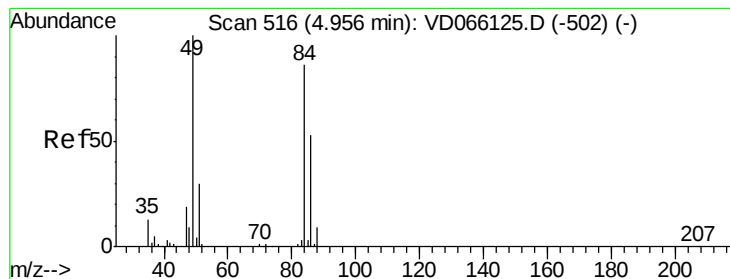
1000

500

0

Time--> 4.10 4.15 4.20





#20

Methvlene Chloride

Concen: 6.122 ug/l

RT: 4.96 min Scan# 516

Delta R.T. 0.00 min

Lab File: VD066254.D

Acq: 17 Aug 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

RBR-59

Tot Ion: 84 Resp: 31785

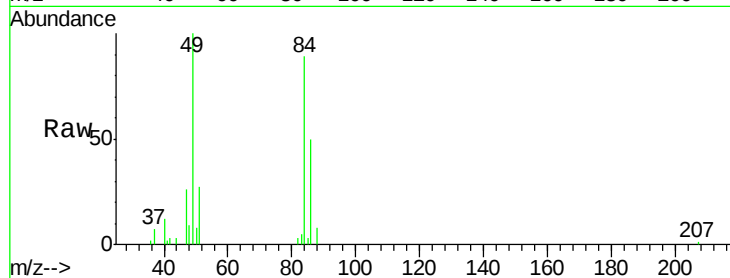
Ion Ratio Lower Upper

84 100

49 112.0 93.5 140.3

51 30.0 28.2 42.4

86 55.5 49.5 74.3

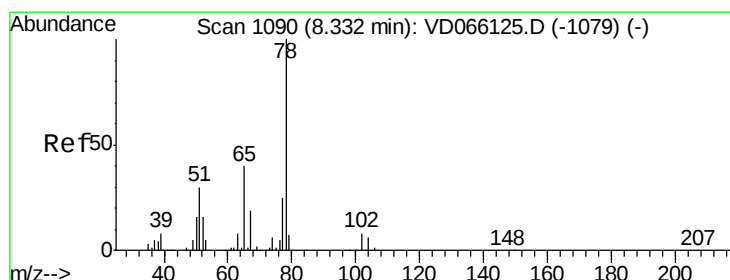
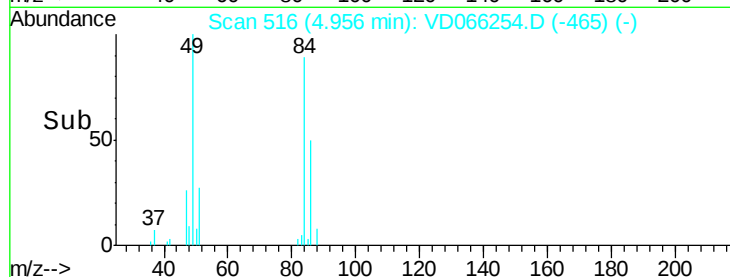
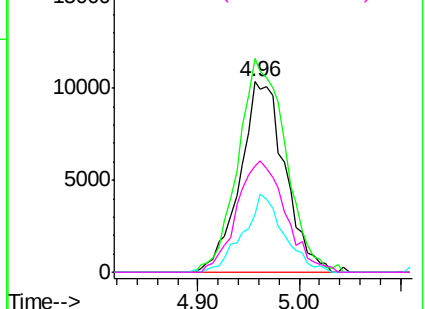


Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 42.761 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066254.D

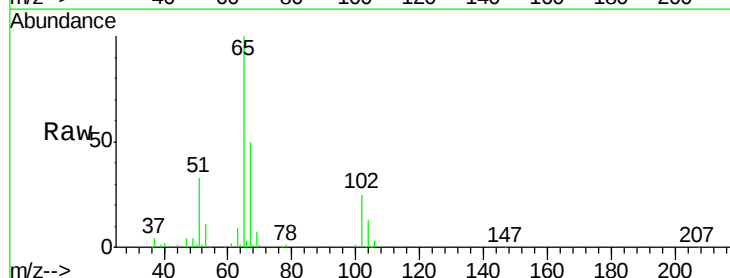
Acq: 17 Aug 2020 13:33

Tgt Ion: 65 Resp: 122096

Ion Ratio Lower Upper

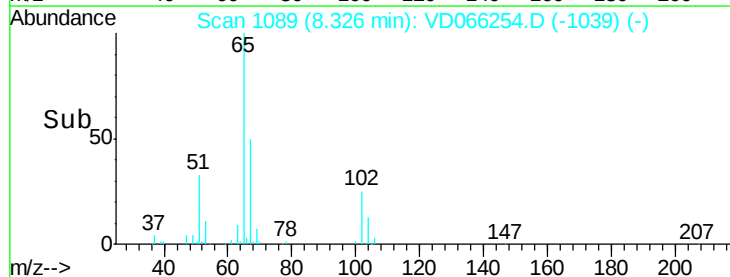
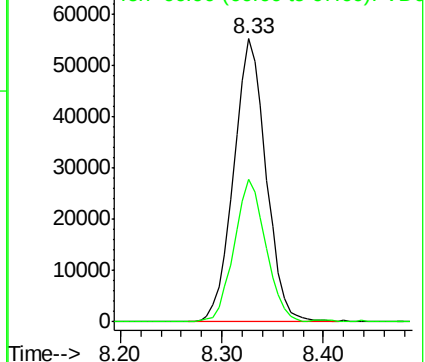
65 100

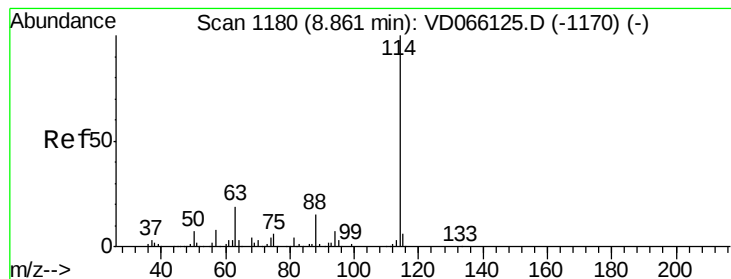
67 49.2 0.0 104.6



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: VD066254.D

Acq: 17 Aug 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

RBR-59

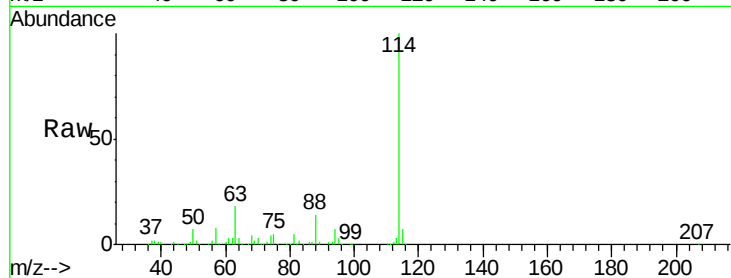
Tot Ion:114 Resp: 488885

Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.6

88 14.5 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

300000

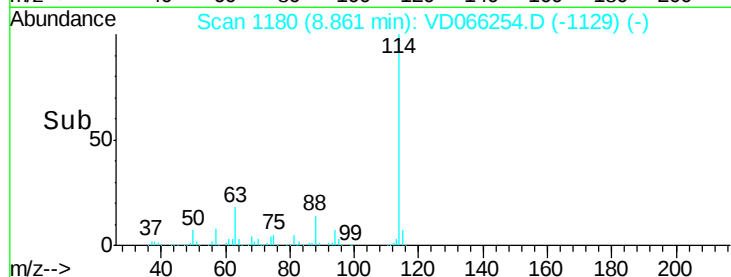
200000

100000

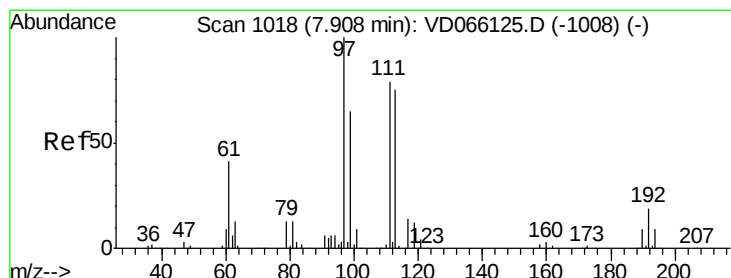
0

8.86

8.80 8.90 9.00



Time-->



#35

Dibromofluoromethane

Concen: 45.962 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066254.D

Acq: 17 Aug 2020 13:33

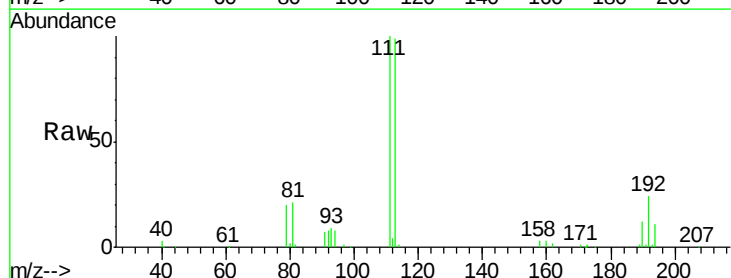
Tgt Ion:113 Resp: 142347

Ion Ratio Lower Upper

113 100

111 104.6 80.7 121.1

192 24.0 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

80000

60000

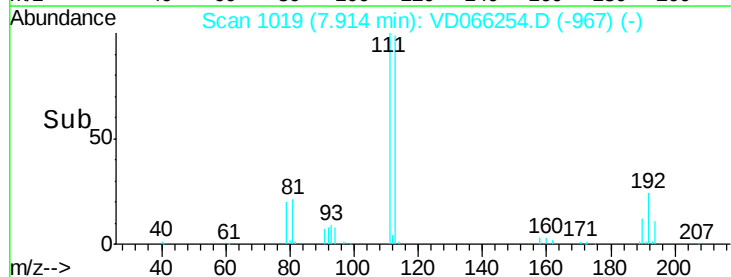
40000

20000

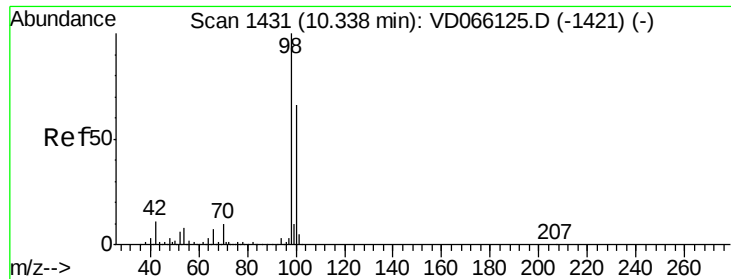
0

7.91

7.80 7.90 8.00



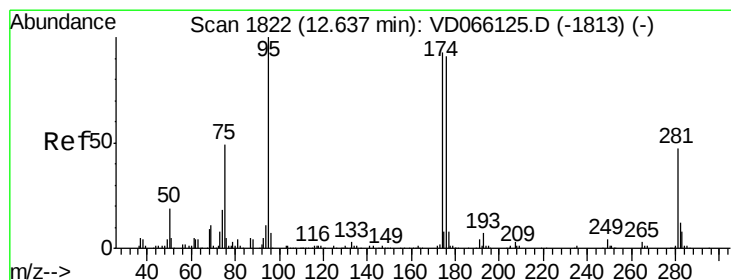
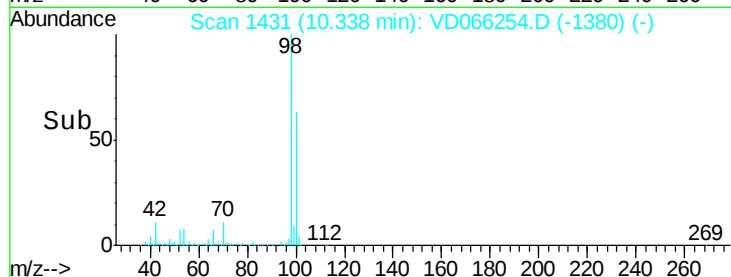
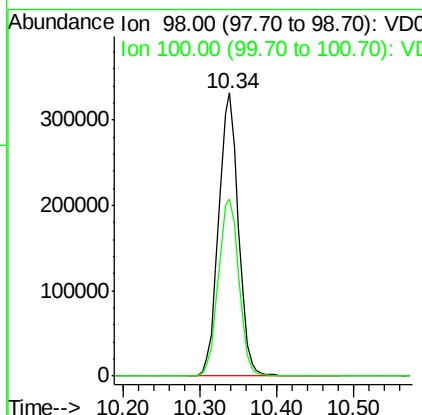
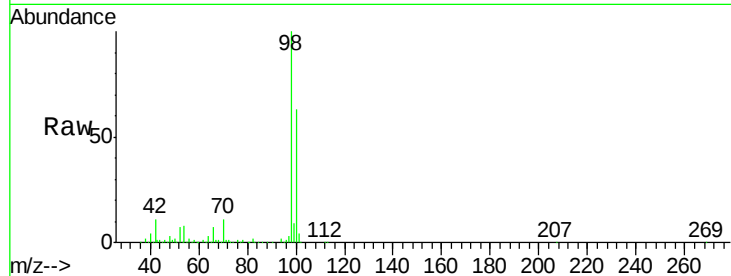
Time-->



#50
Toluene-d8
Concen: 51.338 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066254.D
Acq: 17 Aug 2020 13:33

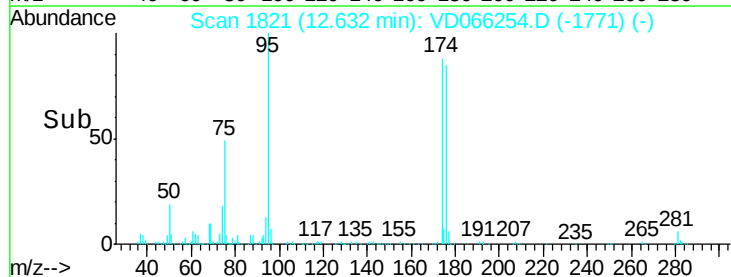
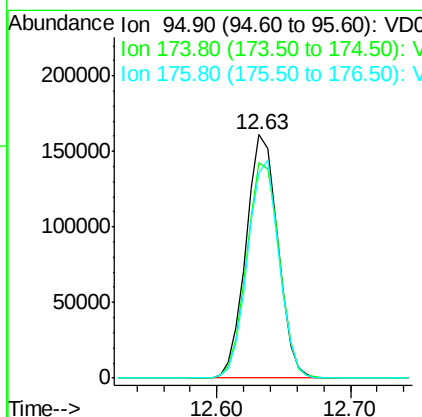
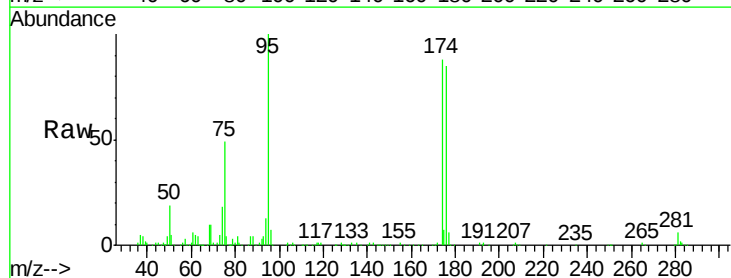
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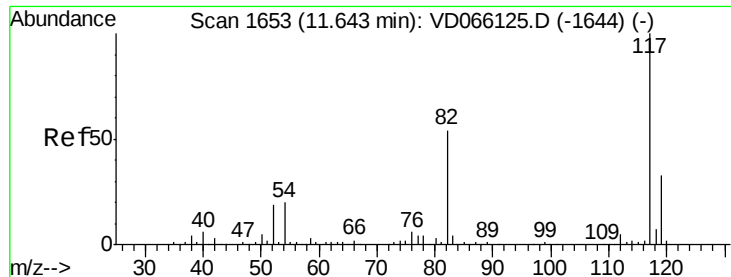
Tot Ion: 98 Resp: 586734
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 64.334 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066254.D
Acq: 17 Aug 2020 13:33

Tgt Ion: 95 Resp: 265032
Ion Ratio Lower Upper
95 100
174 91.0 0.0 180.8
176 88.1 0.0 181.2

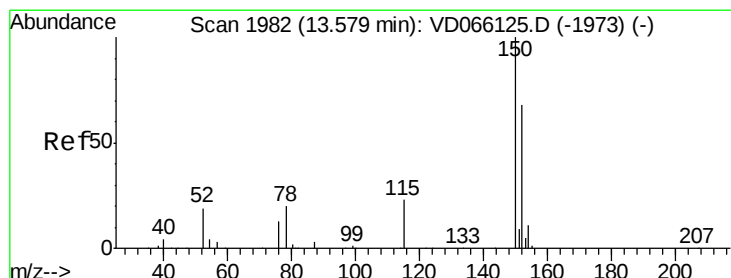
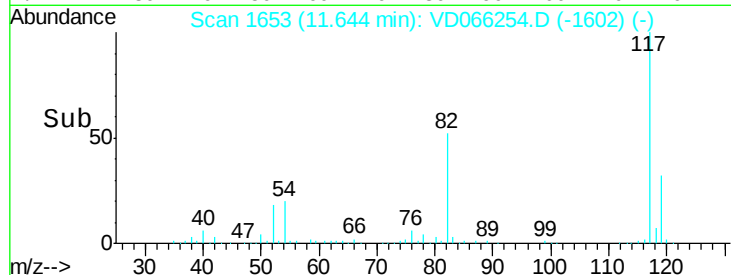
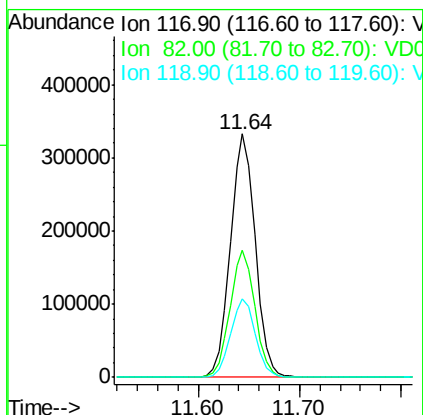
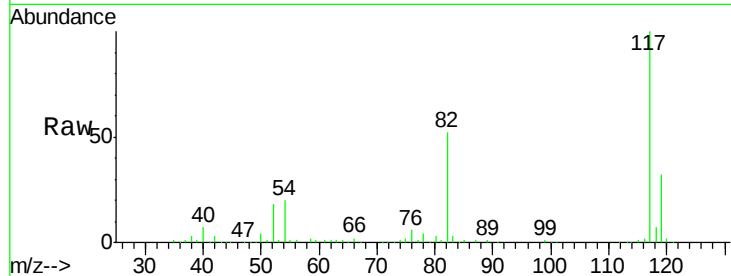




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066254.D
Acq: 17 Aug 2020 13:33

Instrument :
MSVOA_D
ClientSampled :
RBR-59

Tot Ion:117 Resp: 564646
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 32.2 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: VD066254.D
Acq: 17 Aug 2020 13:33

Tgt Ion:152 Resp: 260499
Ion Ratio Lower Upper
152 100
115 55.7 28.0 83.9
150 156.8 0.0 346.4

