

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081720\
 Data File : VD066256.D
 Acq On : 17 Aug 2020 14:28
 Operator : VA/SY
 Sample : L3662-09
 Misc : 6.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 N48765

Quant Time: Aug 17 14:56:53 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

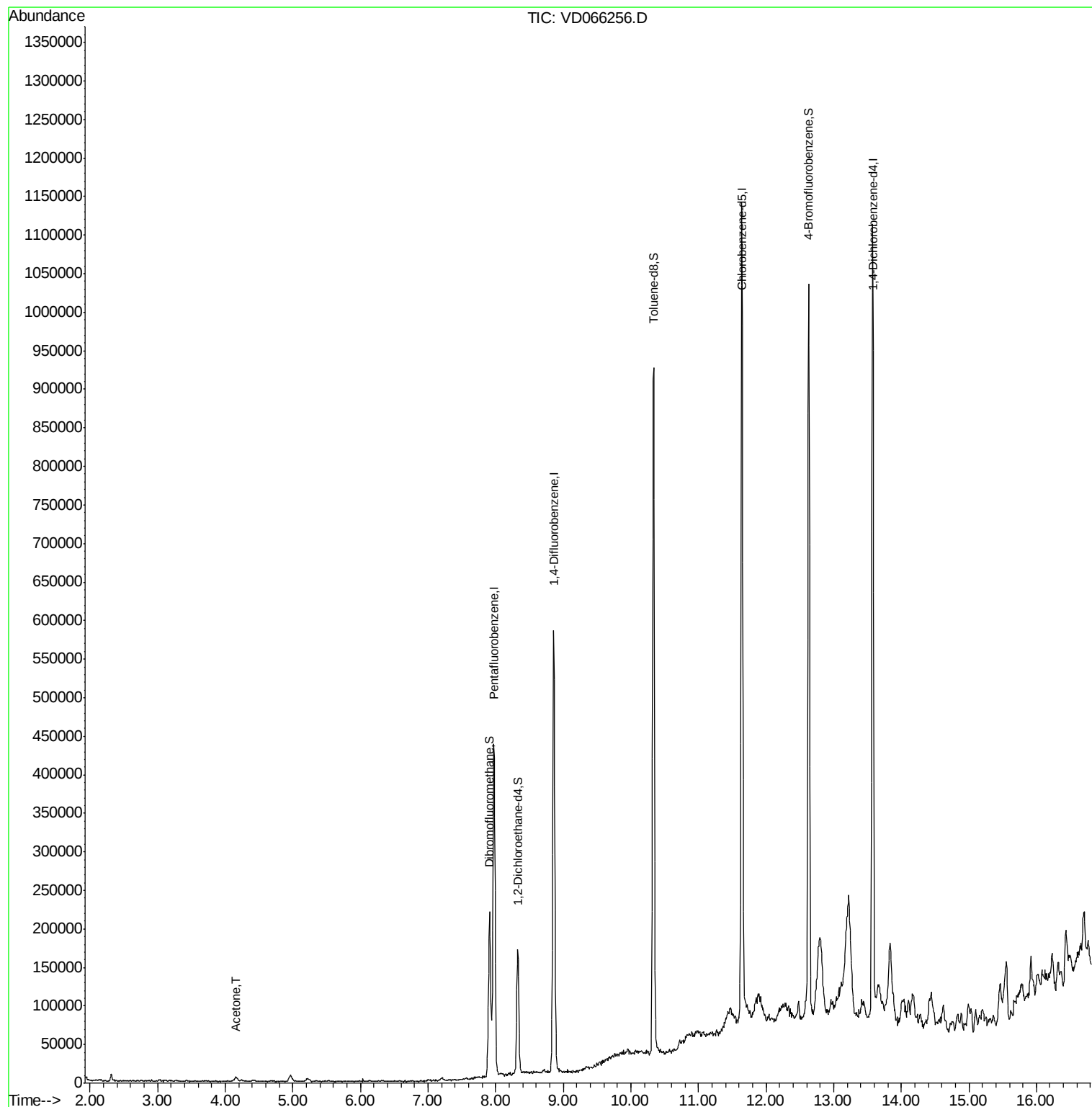
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	340476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	528143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	623199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	295250	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	127810	42.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.16%	
35) Dibromofluoromethane	7.91	113	150494	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.96%	
50) Toluene-d8	10.34	98	623528	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	12.63	95	297557	66.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.72%	
Target Compounds						
16) Acetone	4.16	43	9571	16.606	ug/l #	Qvalue 85

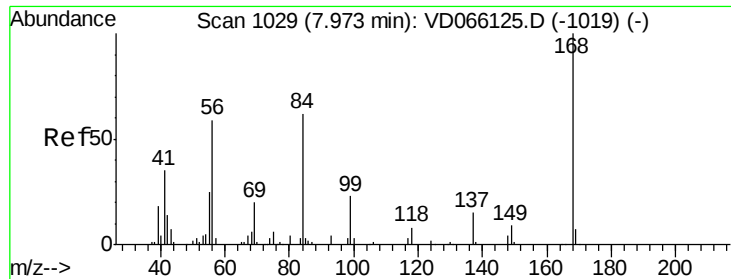
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066256.D

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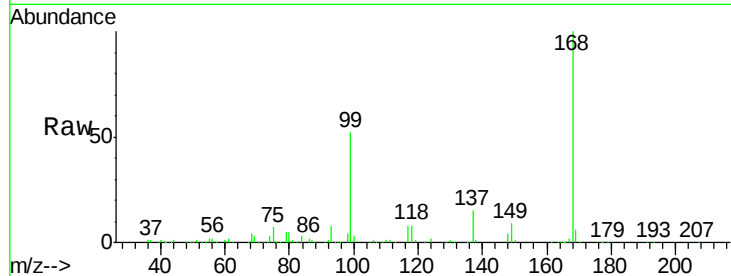
N48765

Tot Ion:168 Resp: 340476

Ion Ratio Lower Upper

168 100

99 52.0 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

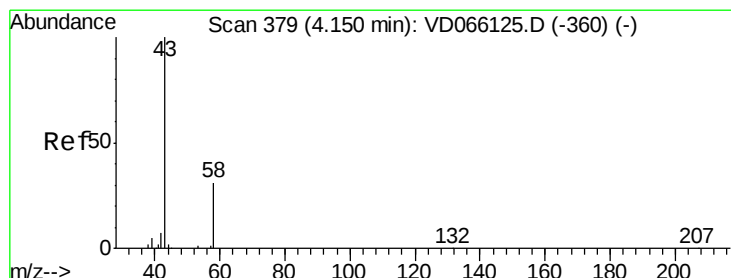
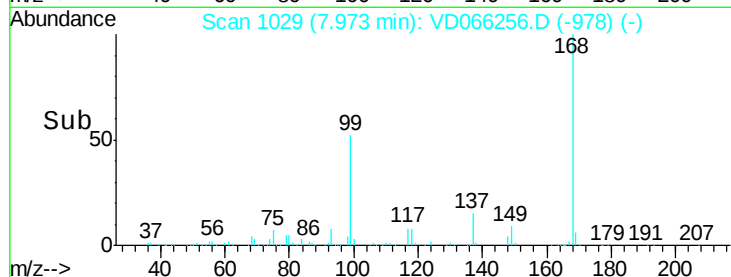
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 16.606 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066256.D

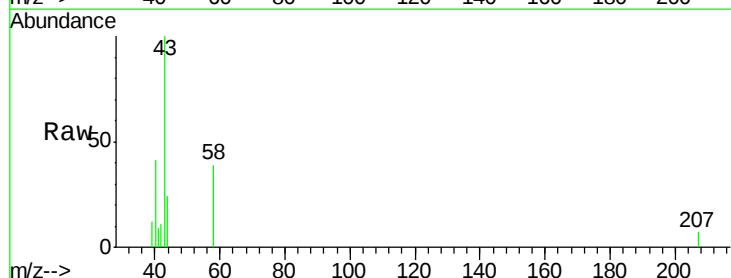
Acq: 17 Aug 2020 14:28

Tgt Ion: 43 Resp: 9571

Ion Ratio Lower Upper

43 100

58 39.2 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

4000

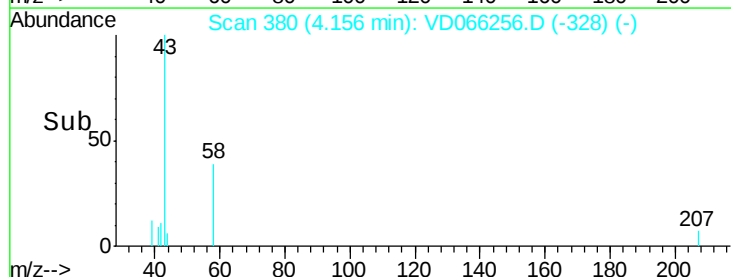
3000

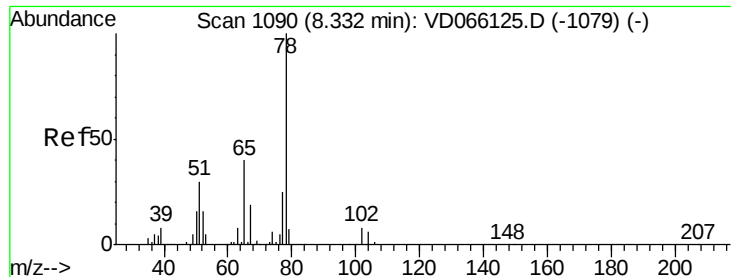
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 42.077 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066256.D

Acq: 17 Aug 2020 14:28

Instrument :

MSVOA_D

ClientSampleId :

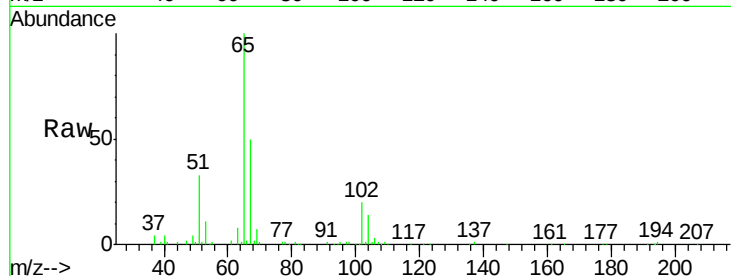
N48765

Tot Ion: 65 Resp: 127810

Ion Ratio Lower Upper

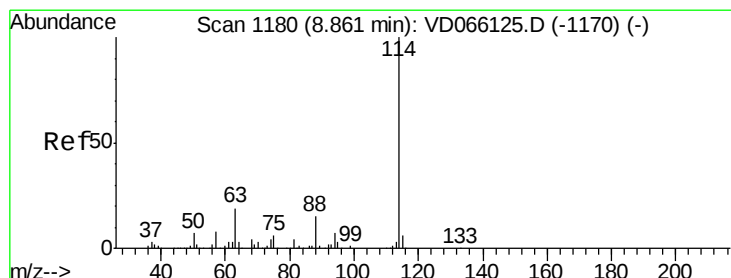
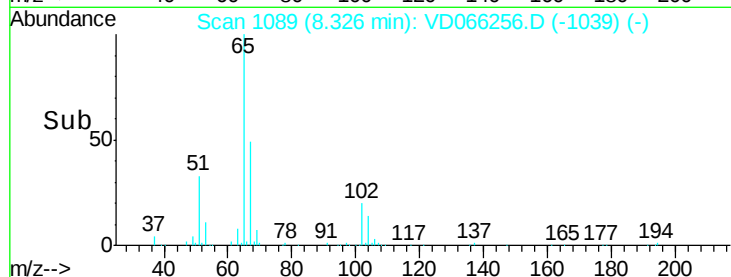
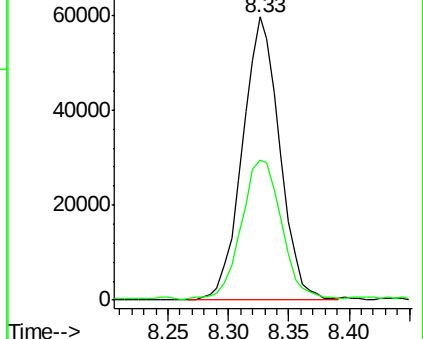
65 100

67 53.1 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: VD066256.D

Acq: 17 Aug 2020 14:28

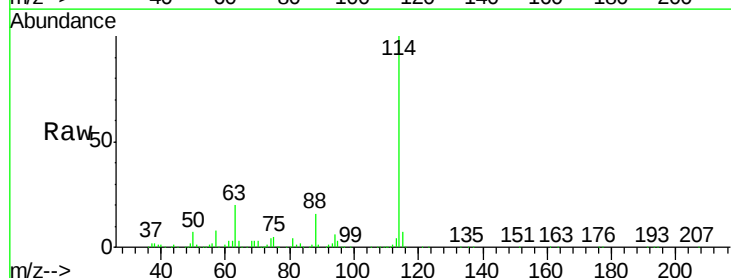
Tgt Ion: 114 Resp: 528143

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.6

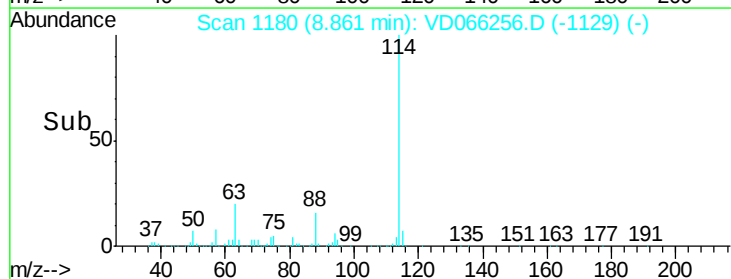
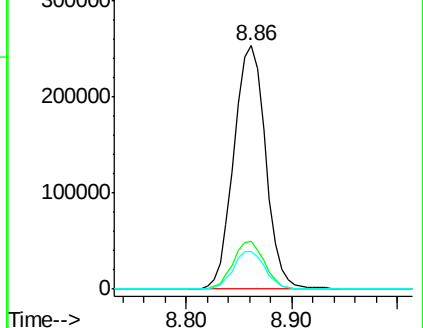
88 15.5 0.0 30.0

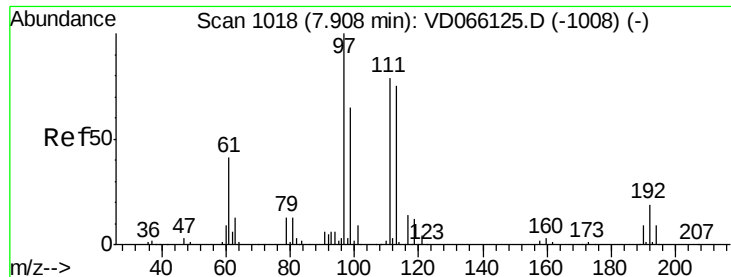


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

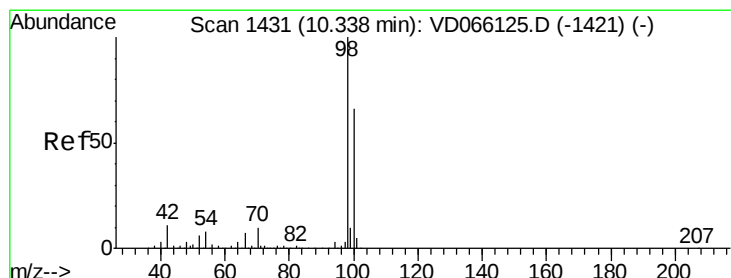
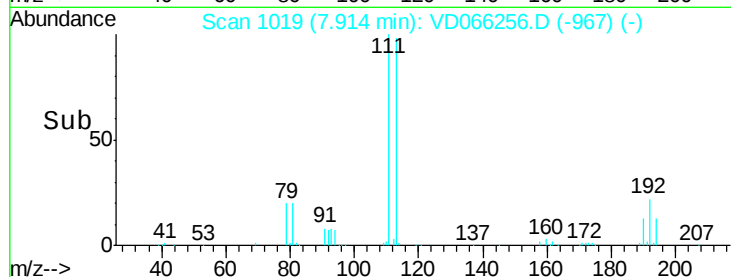
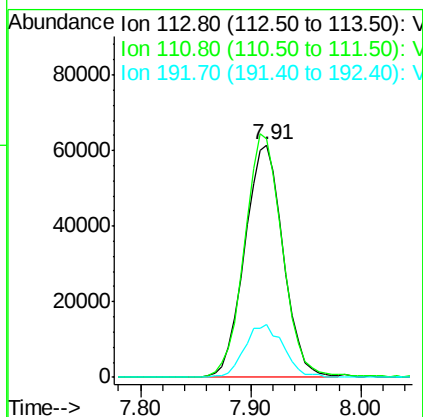
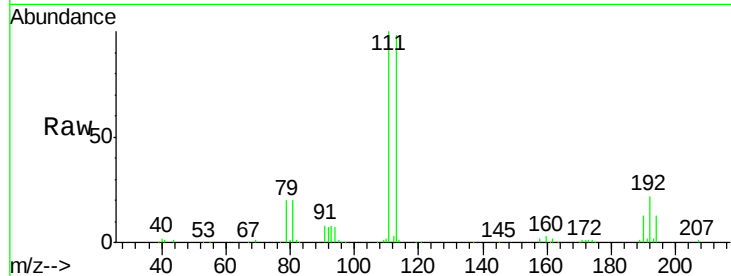




#35
 Dibromofluoromethane
 Concen: 44.981 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066256.D
 Acq: 17 Aug 2020 14:28

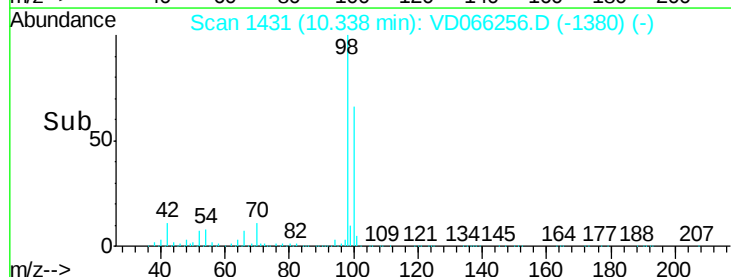
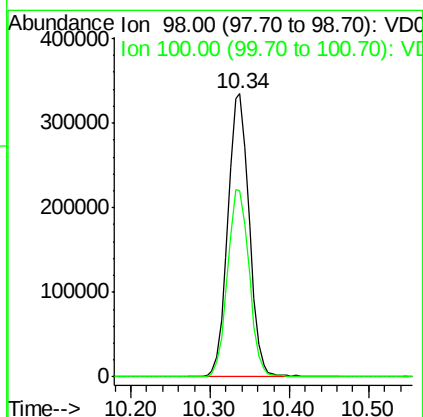
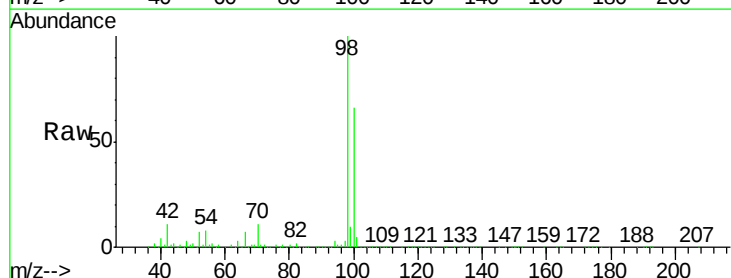
Instrument :
 MSVOA_D
 ClientSampleId :
 N48765

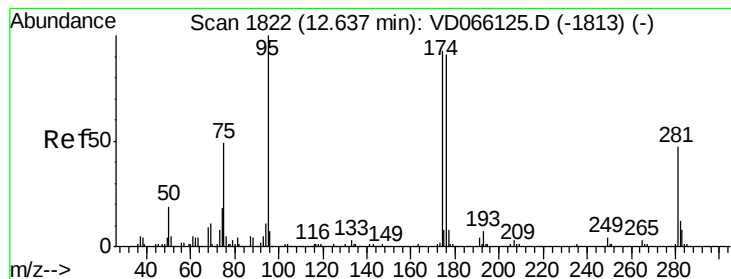
Tot Ion:113 Resp: 150494
 Ion Ratio Lower Upper
 113 100
 111 103.3 80.7 121.1
 192 22.9 18.4 27.6



#50
 Toluene-d8
 Concen: 50.502 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066256.D
 Acq: 17 Aug 2020 14:28

Tgt Ion: 98 Resp: 623528
 Ion Ratio Lower Upper
 98 100
 100 66.9 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 66.860 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066256.D

Acq: 17 Aug 2020 14:28

Instrument :

MSVOA_D

ClientSampleId :

N48765

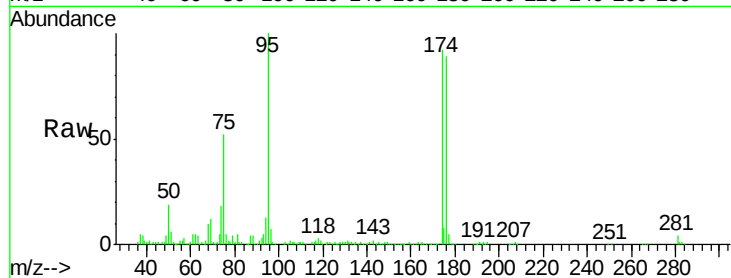
Tot Ion: 95 Resp: 297557

Ion Ratio Lower Upper

95 100

174 95.5 0.0 180.8

176 87.9 0.0 181.2



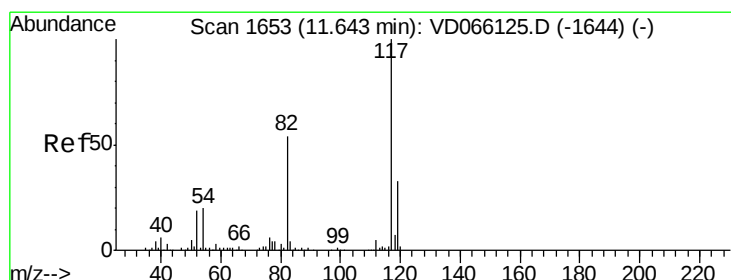
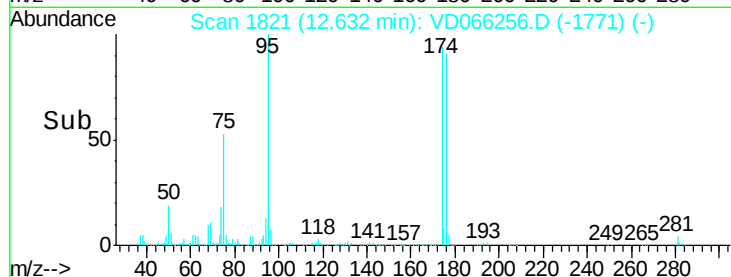
Abundance Ion 94.90 (94.60 to 95.60): VD066125.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD066125.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD066125.D (-1813) (-)

12.63

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066256.D

Acq: 17 Aug 2020 14:28

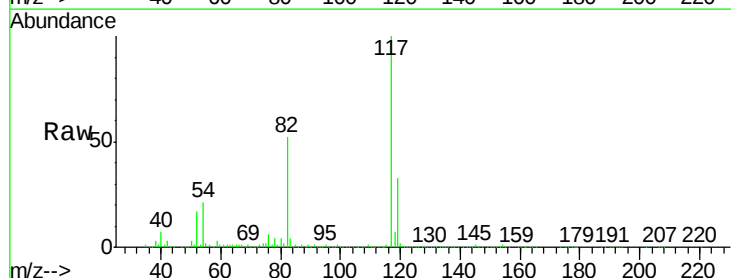
Tgt Ion: 117 Resp: 623199

Ion Ratio Lower Upper

117 100

82 52.3 43.0 64.4

119 32.8 26.1 39.1



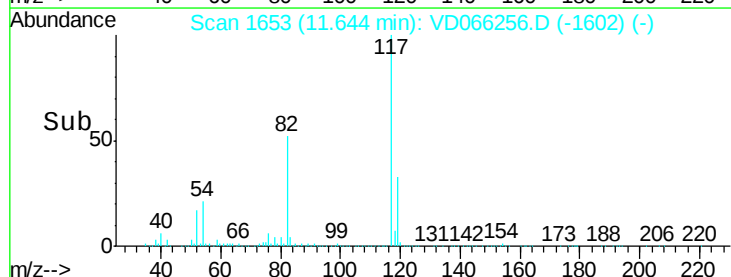
Abundance Ion 116.90 (116.60 to 117.60): VD066125.D (-1644) (-)

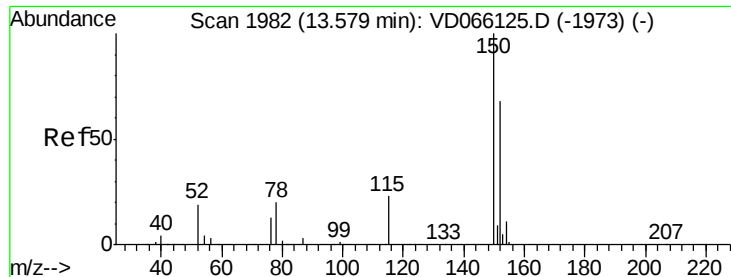
Ion 82.00 (81.70 to 82.70): VD066125.D (-1644) (-)

Ion 118.90 (118.60 to 119.60): VD066125.D (-1644) (-)

11.64

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066256.D

Acq: 17 Aug 2020 14:28

Instrument :

MSVOA_D

ClientSampleId :

N48765

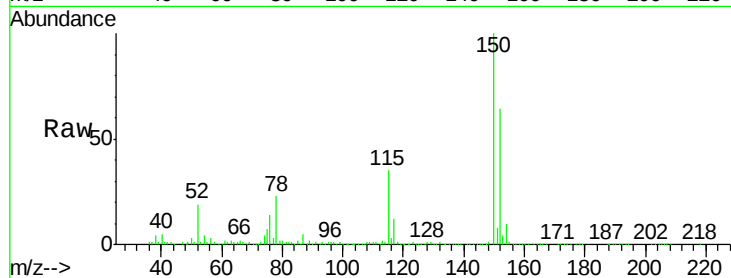
Tot Ion:152 Resp: 295250

Ion Ratio Lower Upper

152 100

115 56.2 28.0 83.9

150 156.2 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

