

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066281.D
 Acq On : 18 Aug 2020 16:42
 Operator : VA/SY
 Sample : L3717-01
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB179-GW-738-740

Quant Time: Aug 19 07:05:34 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

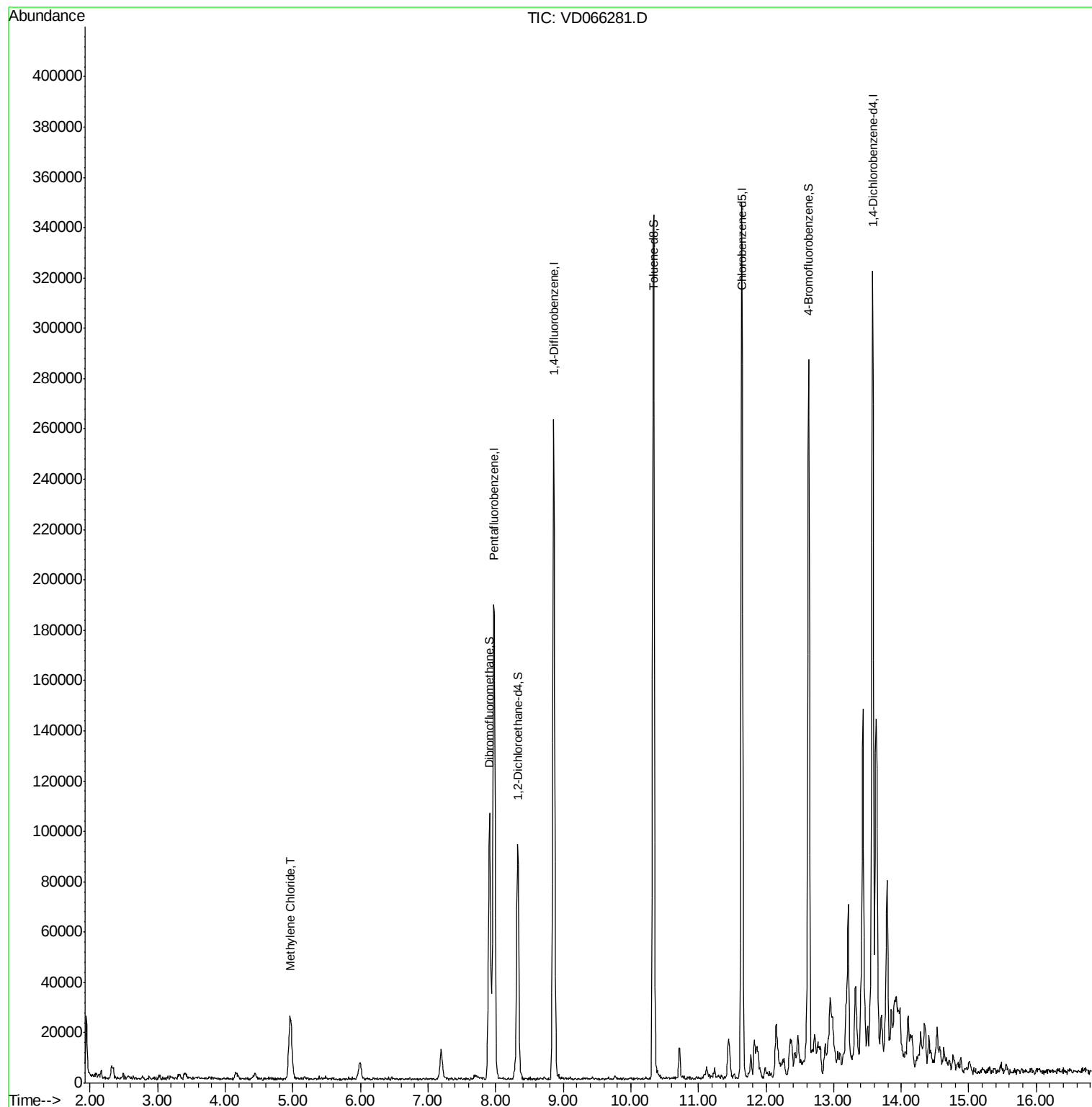
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	149543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	229863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	203917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	84500	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	78493	58.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.66%	
35) Dibromofluoromethane	7.91	113	76253	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
50) Toluene-d8	10.34	98	238000	44.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.58%	
62) 4-Bromofluorobenzene	12.63	95	80510	41.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.14%	
Target Compounds						
20) Methylene Chloride	4.96	84	19536	9.676	ug/l	Qvalue 95

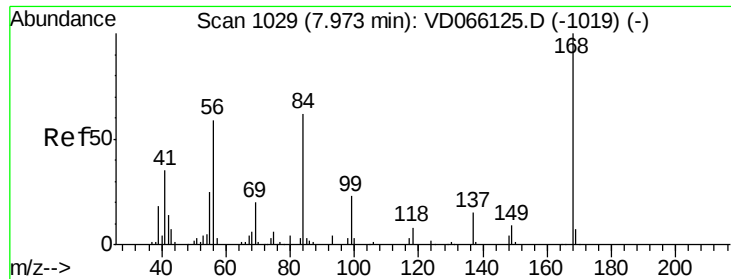
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

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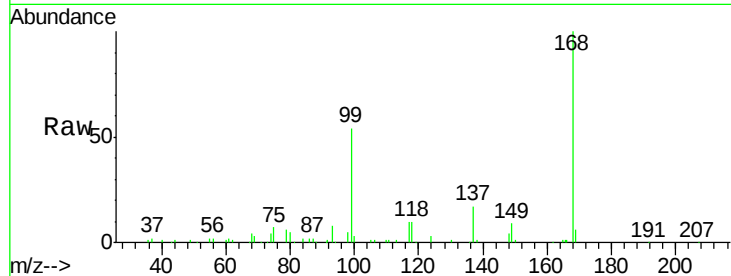
BP-VPB179-GW-738-740

Tot Ion:168 Resp: 149543

Ion Ratio Lower Upper

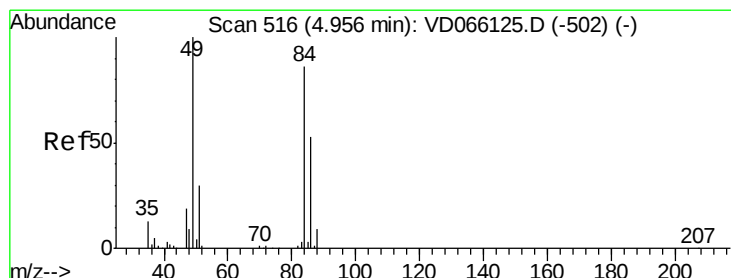
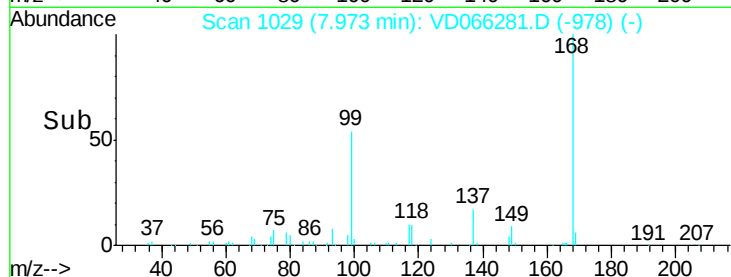
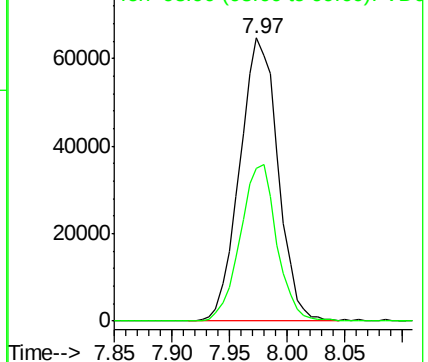
168 100

99 53.8 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 9.676 ug/l

RT: 4.96 min Scan# 516

Delta R.T. 0.00 min

Lab File: VD066281.D

Acq: 18 Aug 2020 16:42

Tgt Ion: 84 Resp: 19536

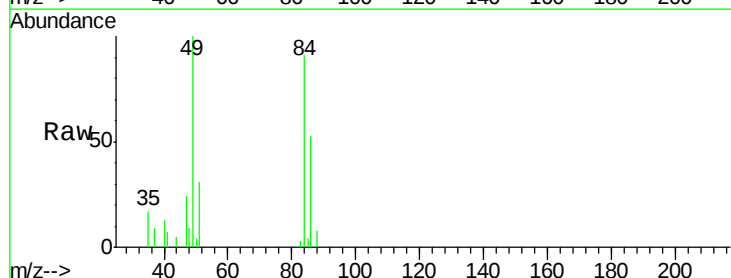
Ion Ratio Lower Upper

84 100

49 109.7 93.5 140.3

51 34.1 28.2 42.4

86 58.2 49.5 74.3

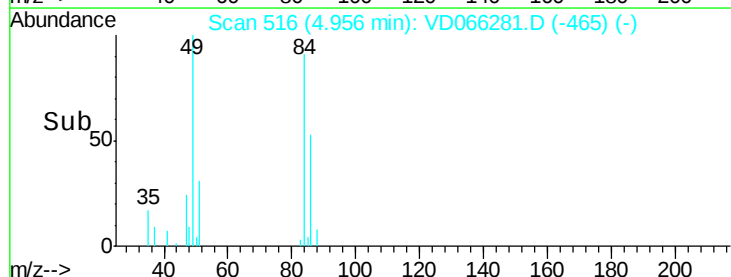
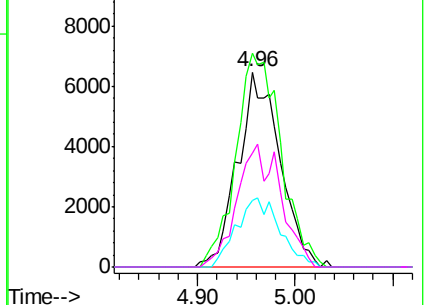


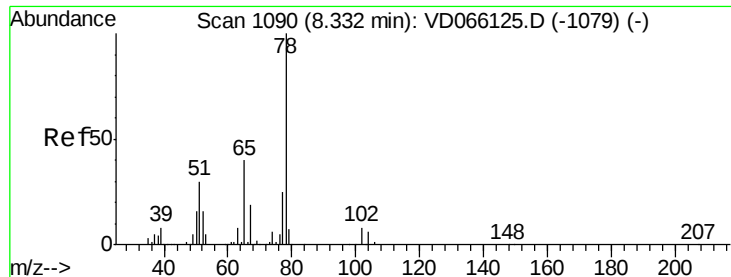
Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 58.834 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066281.D

Acq: 18 Aug 2020 16:42

Instrument :

MSVOA_D

ClientSampleId :

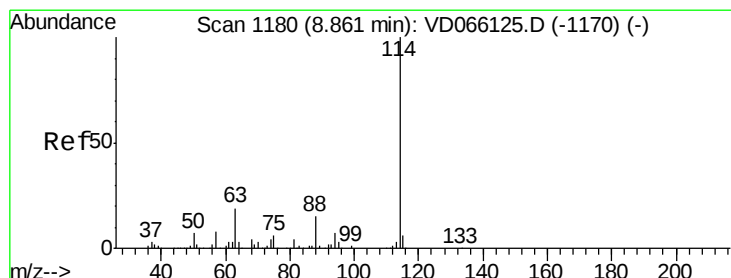
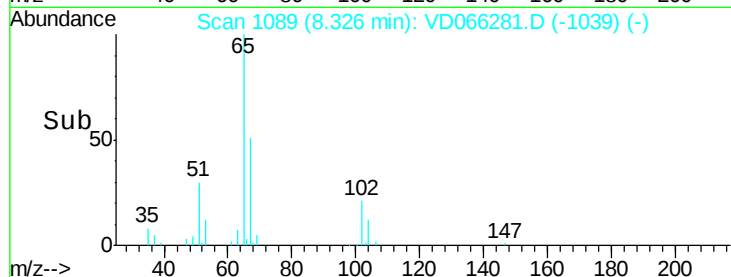
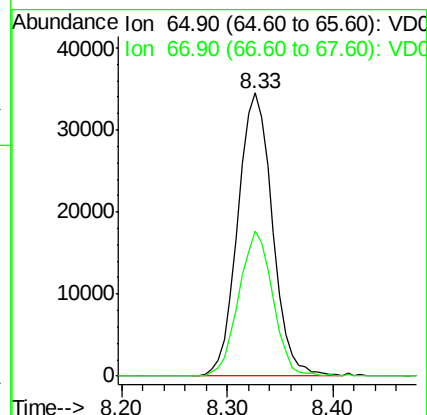
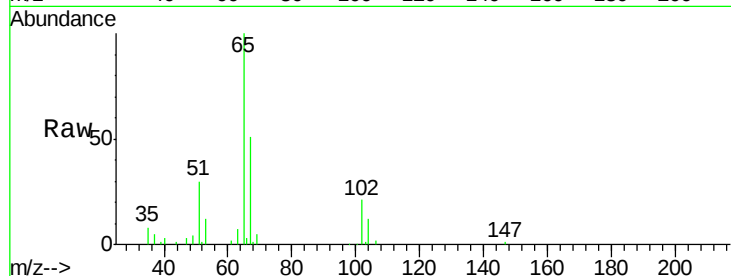
BP-VPB179-GW-738-740

Tot Ion: 65 Resp: 78493

Ion Ratio Lower Upper

65 100

67 50.2 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066281.D

Acq: 18 Aug 2020 16:42

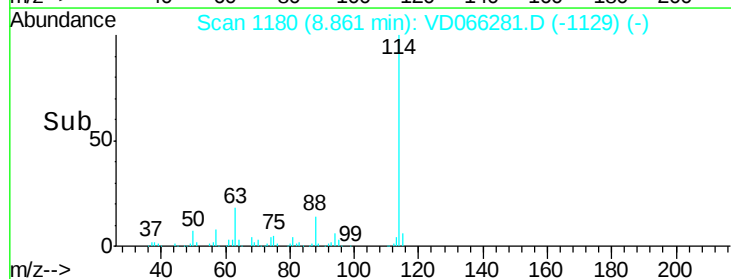
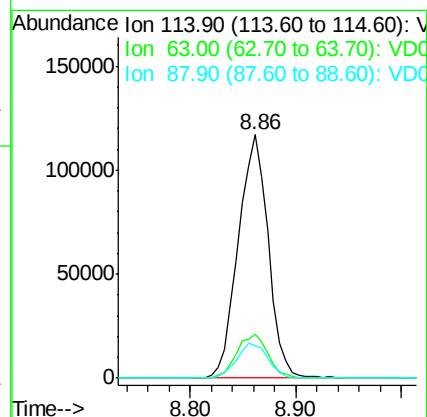
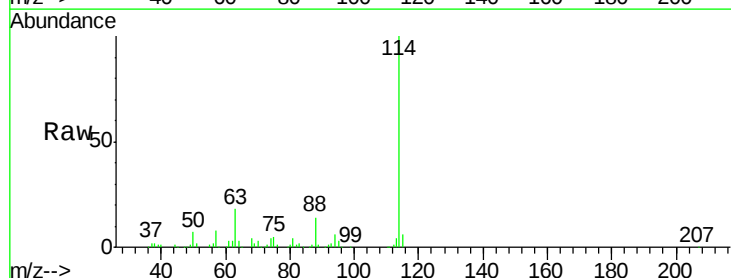
Tgt Ion: 114 Resp: 229863

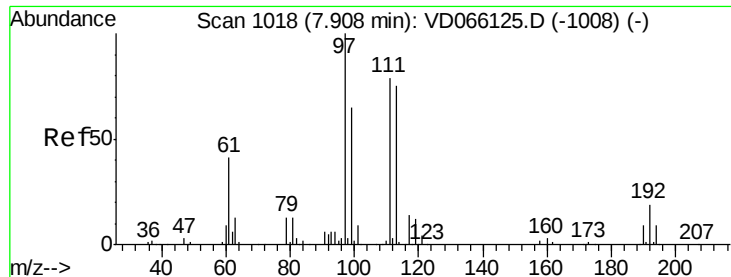
Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.6

88 13.6 0.0 30.0

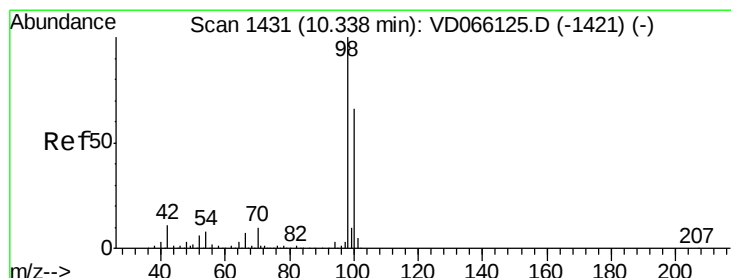
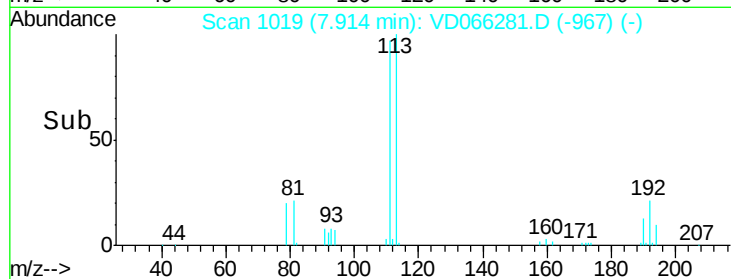
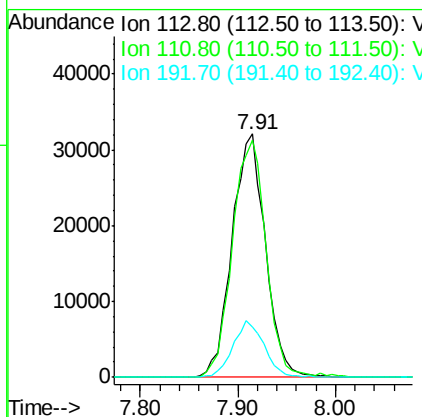
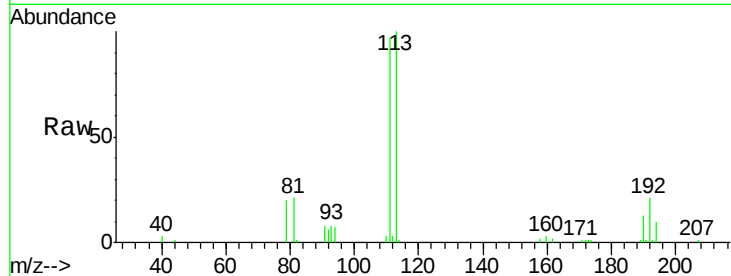




#35
 Dibromofluoromethane
 Concen: 52.366 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066281.D
 Acq: 18 Aug 2020 16:42

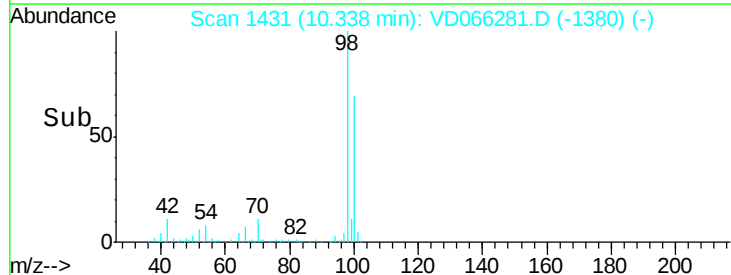
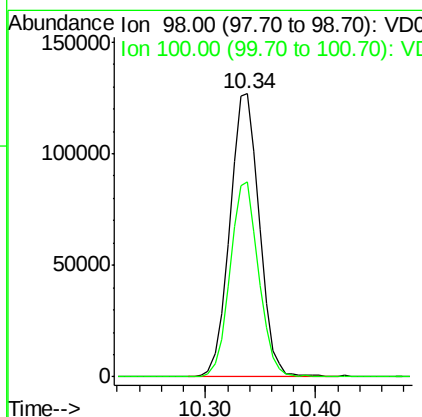
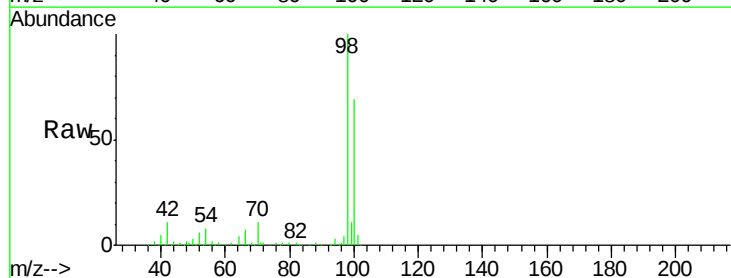
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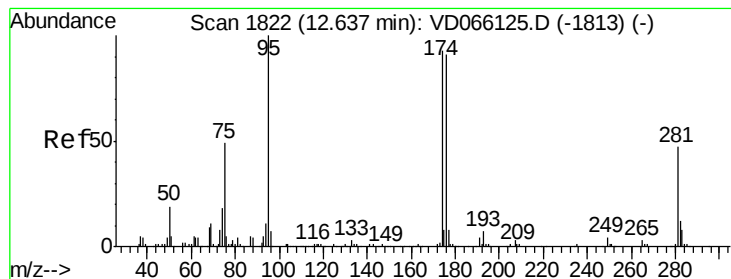
Tot Ion:	113	Resp:	76253
Ion	Ratio	Lower	Upper
113	100		
111	98.3	80.7	121.1
192	21.9	18.4	27.6



#50
 Toluene-d8
 Concen: 44.291 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066281.D
 Acq: 18 Aug 2020 16:42

Tgt Ion:	98	Resp:	238000
Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.6	78.8





#62

4-Bromofluorobenzene

Concen: 41.565 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066281.D

Acq: 18 Aug 2020 16:42

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB179-GW-738-740

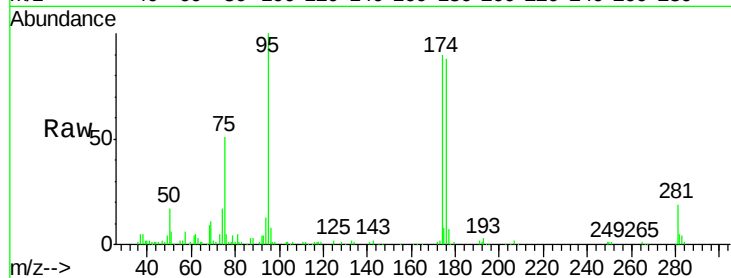
Tot Ion: 95 Resp: 80510

Ion Ratio Lower Upper

95 100

174 90.6 0.0 180.8

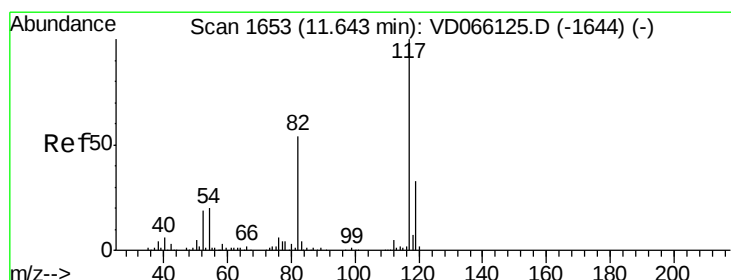
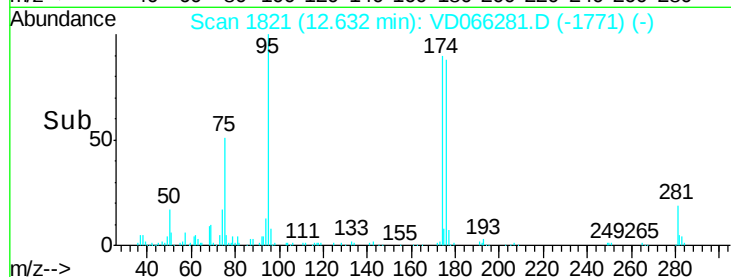
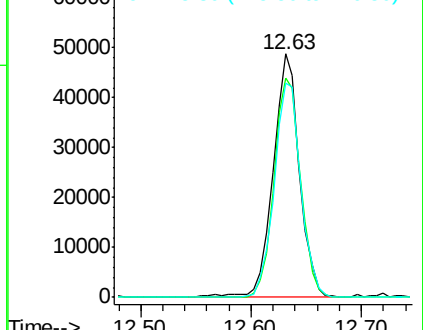
176 89.0 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066281.D

Acq: 18 Aug 2020 16:42

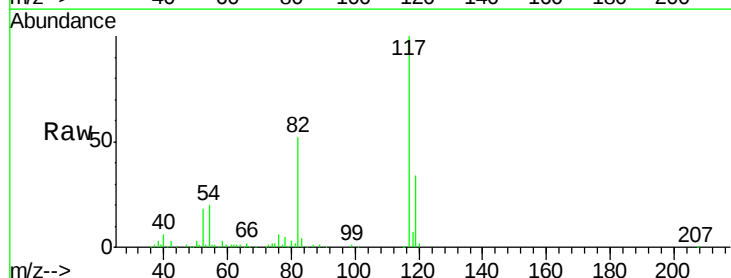
Tgt Ion: 117 Resp: 203917

Ion Ratio Lower Upper

117 100

82 51.8 43.0 64.4

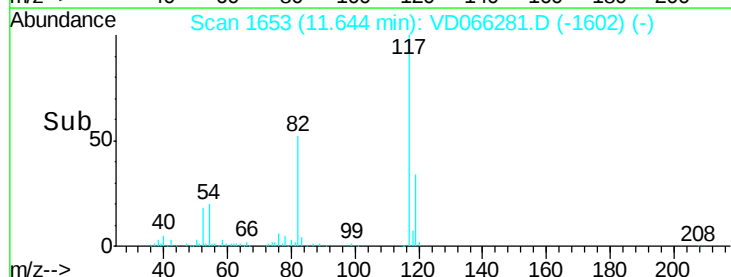
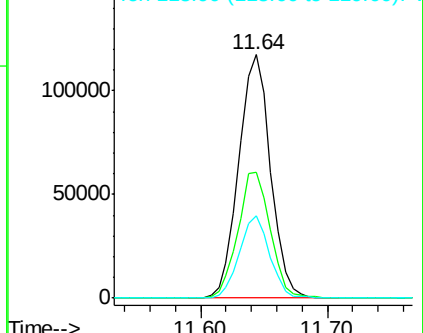
119 34.0 26.1 39.1

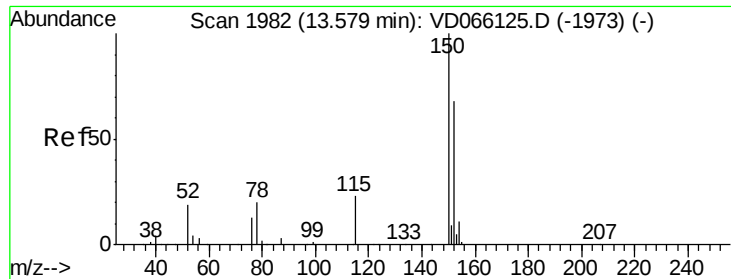


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066281.D

Acq: 18 Aug 2020 16:42

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB179-GW-738-740

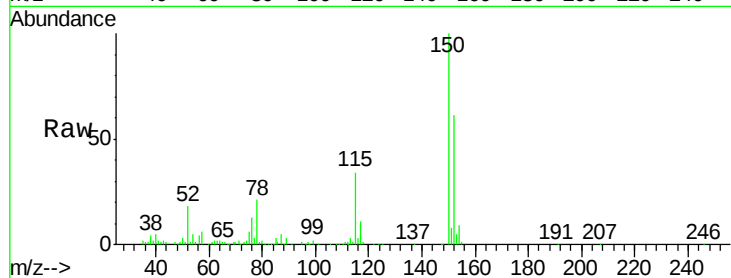
Tot Ion:152 Resp: 84500

Ion Ratio Lower Upper

152 100

115 56.6 28.0 83.9

150 161.4 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

