

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081320\
 Data File : VD066213.D
 Acq On : 13 Aug 2020 16:33
 Operator : VA/SY
 Sample : L3671-04
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB181-GW-148-150

Quant Time: Aug 14 03:32:24 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

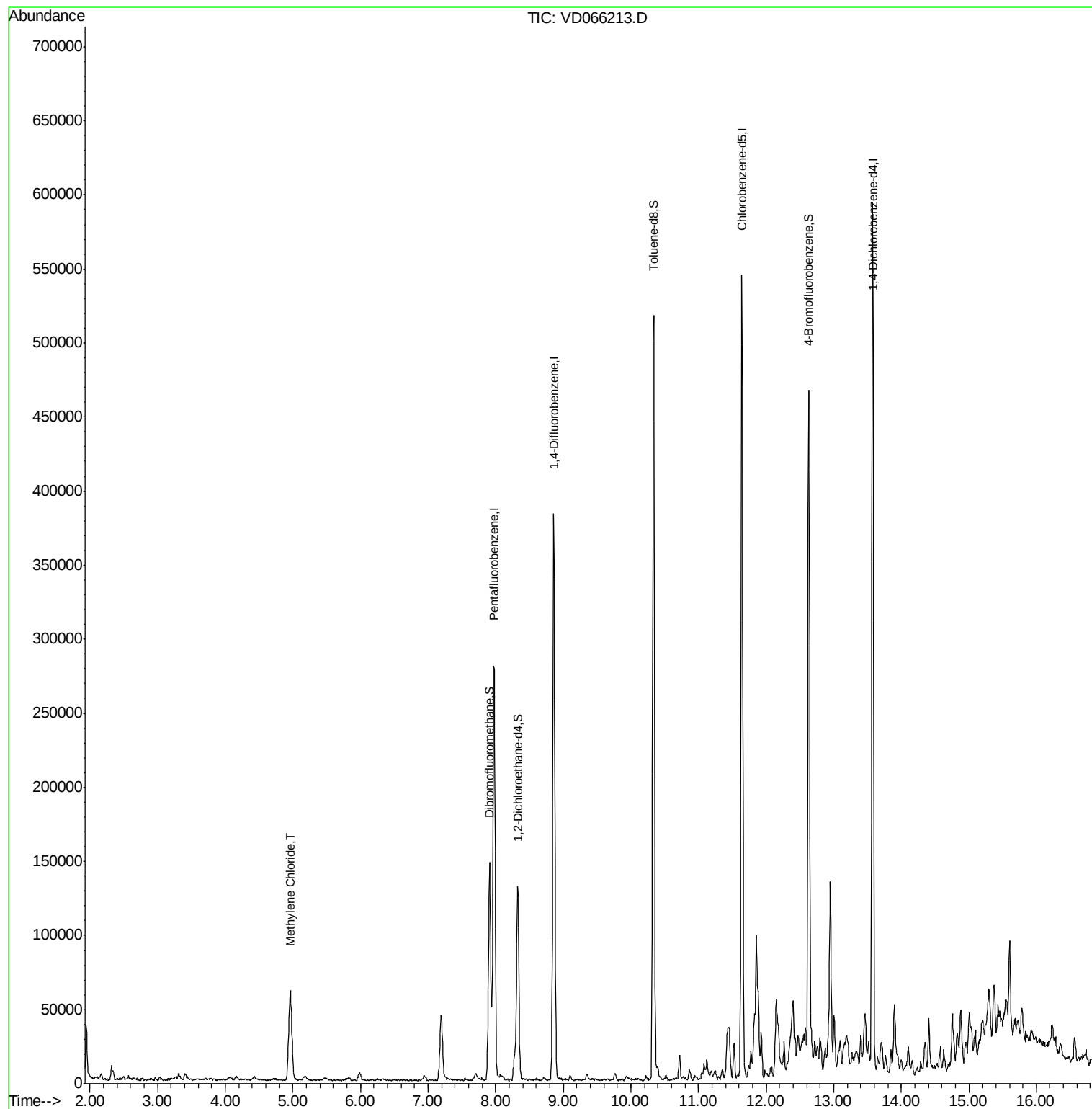
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	223037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	344126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	324055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	159867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	103376	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
35) Dibromofluoromethane	7.91	113	103429	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
50) Toluene-d8	10.34	98	360211	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.56%	
62) 4-Bromofluorobenzene	12.63	95	139250	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
Target Compounds						
20) Methylene Chloride	4.97	84	47098	18.812	ug/l	Qvalue 95

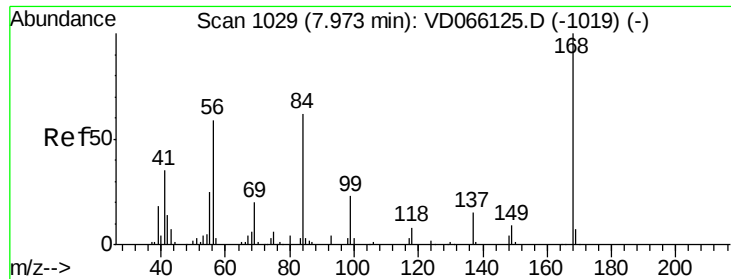
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066213.D

Acq: 13 Aug 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

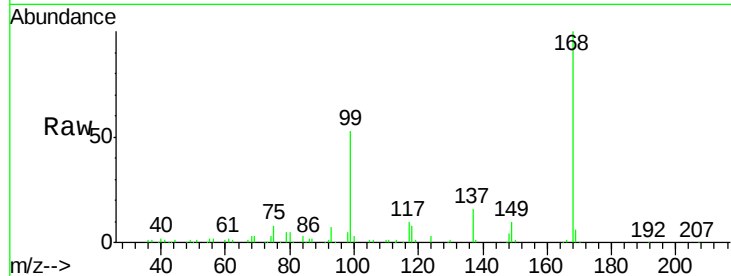
BP-VPB181-GW-148-150

Tot Ion:168 Resp: 223037

Ion Ratio Lower Upper

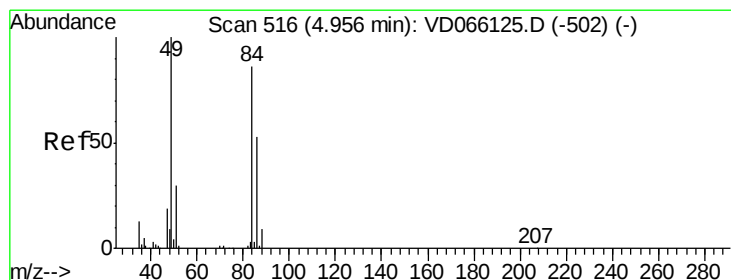
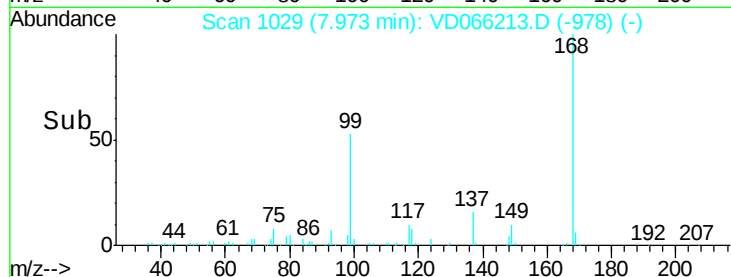
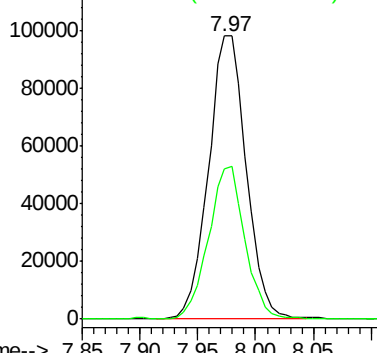
168 100

99 53.0 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: 18.812 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066213.D

Acq: 13 Aug 2020 16:33

Tgt Ion: 84 Resp: 47098

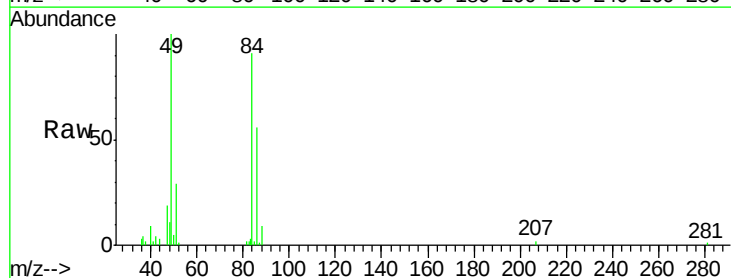
Ion Ratio Lower Upper

84 100

49 110.2 93.5 140.3

51 31.6 28.2 42.4

86 62.3 49.5 74.3

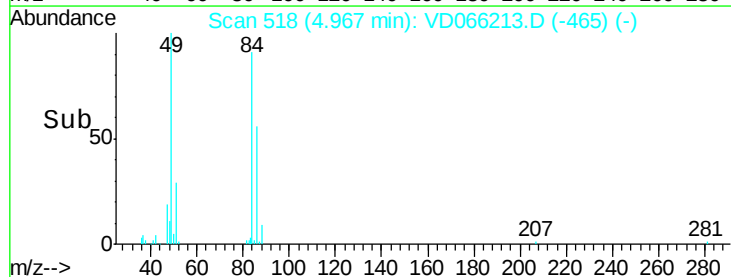
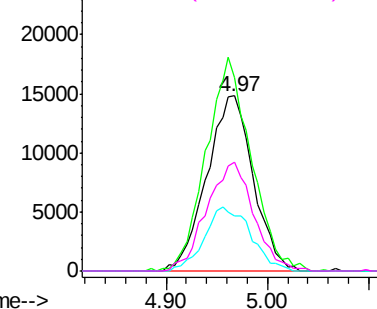


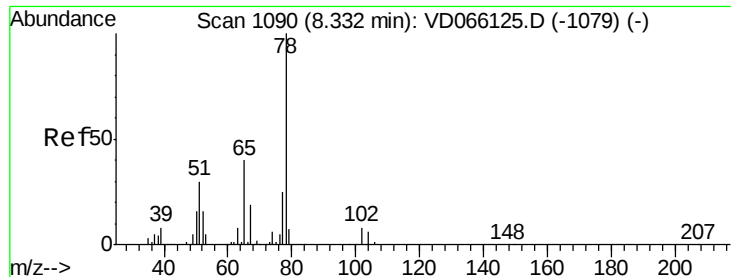
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

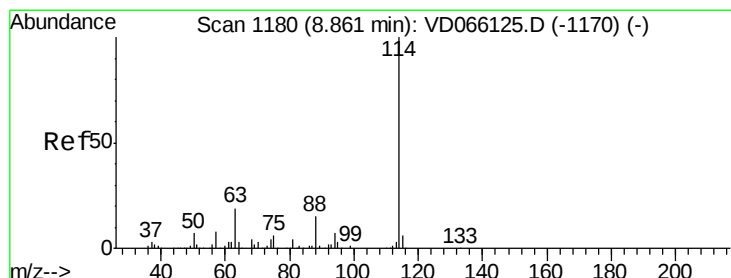
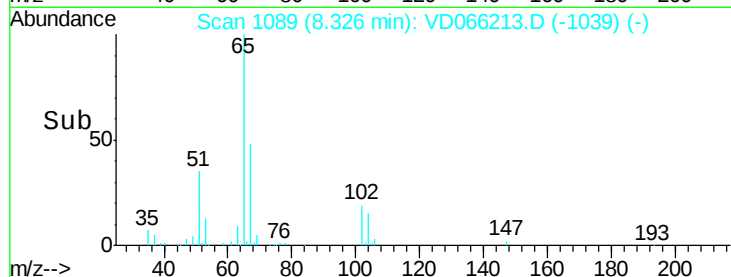
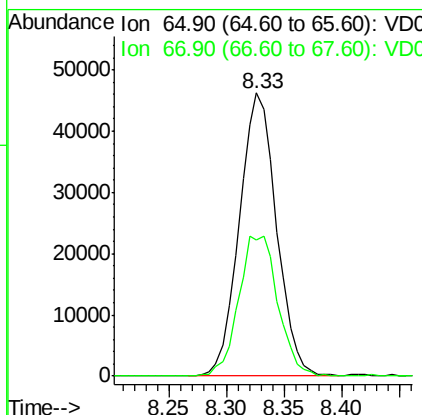
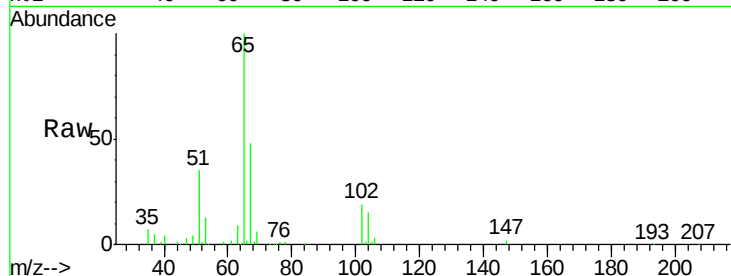




#33
 1,2-Dichloroethane-d4
 Concen: 51.952 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066213.D
 Acq: 13 Aug 2020 16:33

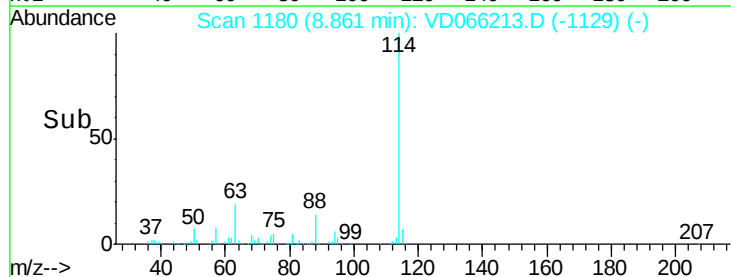
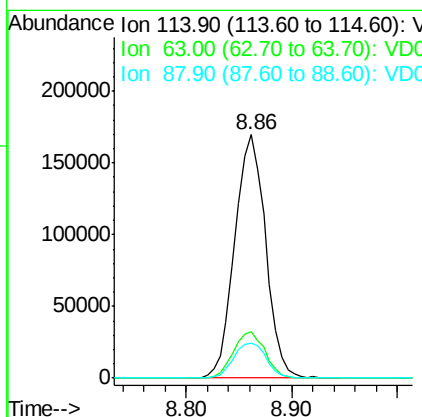
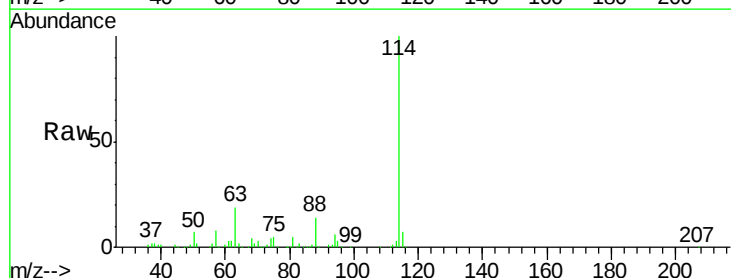
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB181-GW-148-150

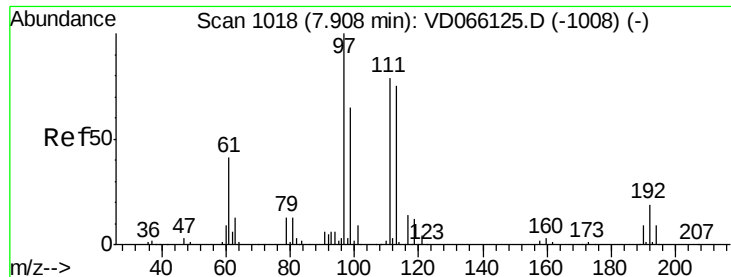
Tot Ion: 65 Resp: 103376
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066213.D
 Acq: 13 Aug 2020 16:33

Tgt Ion: 114 Resp: 344126
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 14.4 0.0 30.0

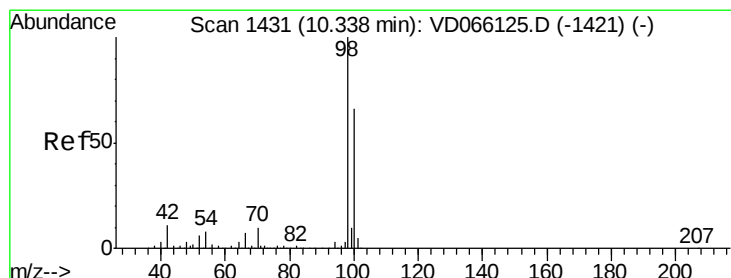
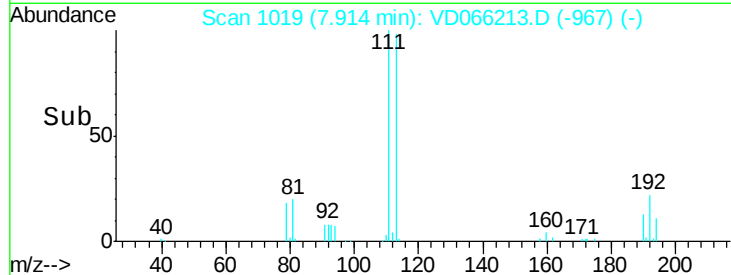
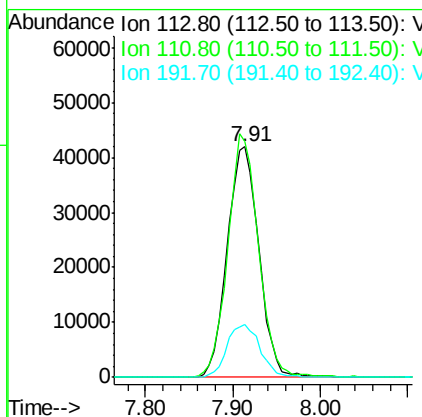
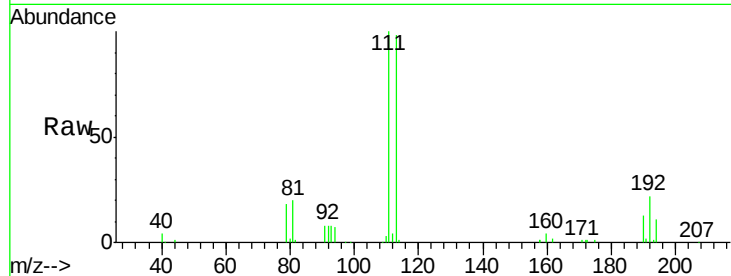




#35
 Dibromofluoromethane
 Concen: 47.444 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066213.D
 Acq: 13 Aug 2020 16:33

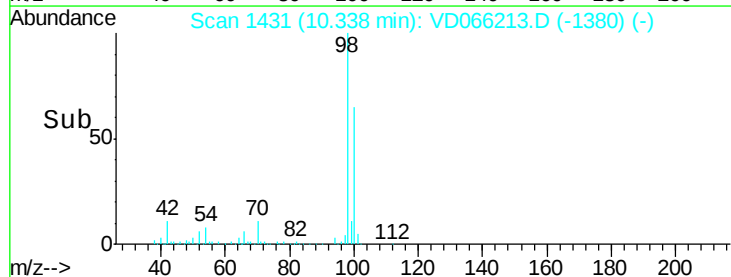
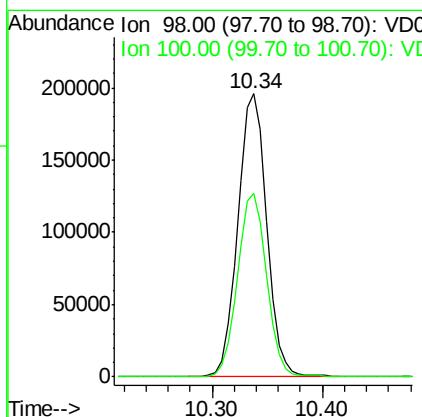
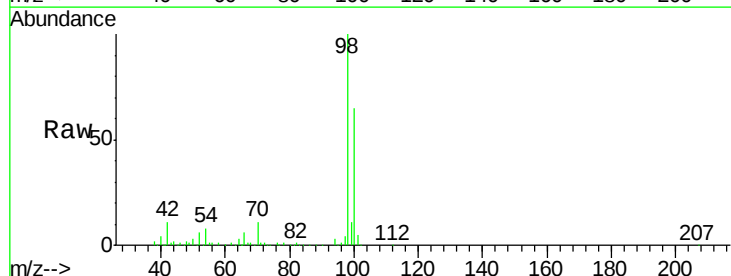
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB181-GW-148-150

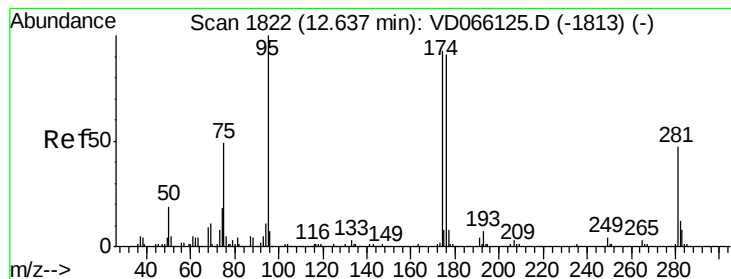
Tot Ion:	113	Resp:	103429
Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.7	121.1
192	23.7	18.4	27.6



#50
 Toluene-d8
 Concen: 44.776 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066213.D
 Acq: 13 Aug 2020 16:33

Tgt Ion:	98	Resp:	360211
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.6	78.8





#62

4-Bromofluorobenzene

Concen: 48.020 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066213.D

Acq: 13 Aug 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB181-GW-148-150

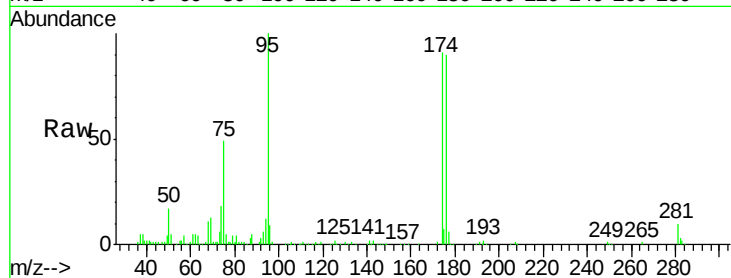
Tot Ion: 95 Resp: 139250

Ion Ratio Lower Upper

95 100

174 89.2 0.0 180.8

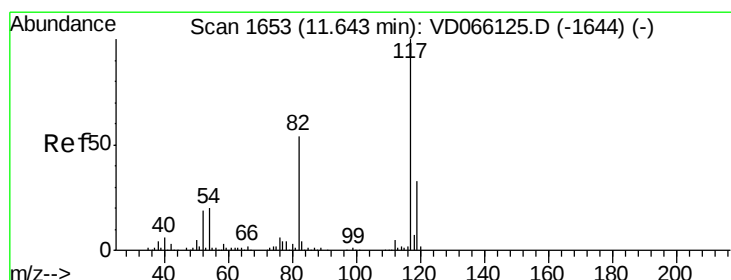
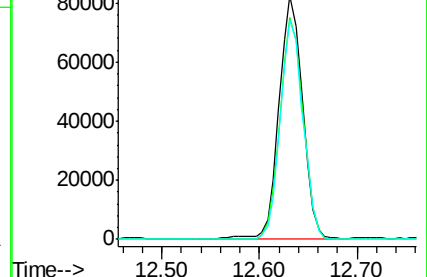
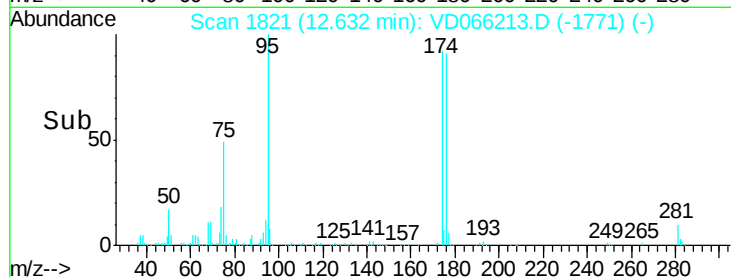
176 86.3 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VD066213.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD066213.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD066213.D (-1771) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066213.D

Acq: 13 Aug 2020 16:33

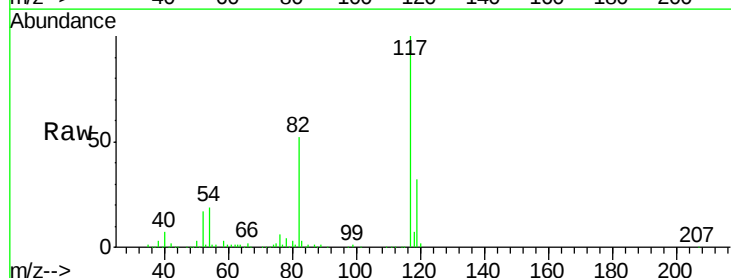
Tgt Ion: 117 Resp: 324055

Ion Ratio Lower Upper

117 100

82 51.9 43.0 64.4

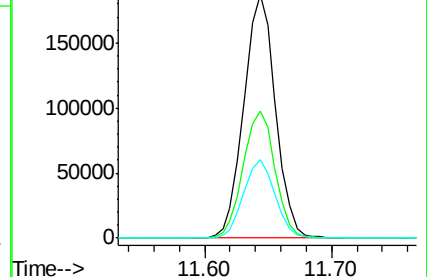
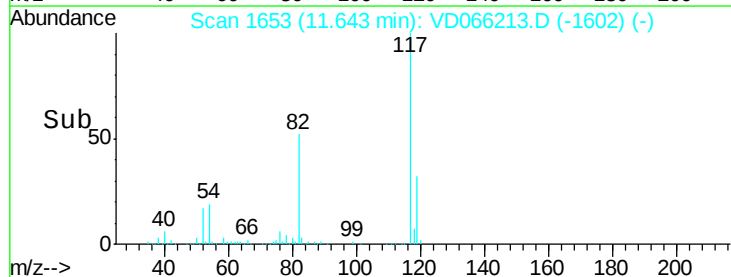
119 32.4 26.1 39.1

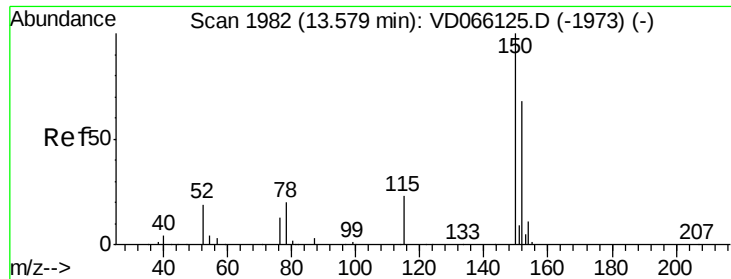


Abundance Ion 116.90 (116.60 to 117.60): VD066213.D (-1602) (-)

Ion 82.00 (81.70 to 82.70): VD066213.D (-1602) (-)

Ion 118.90 (118.60 to 119.60): VD066213.D (-1602) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066213.D

Acq: 13 Aug 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB181-GW-148-150

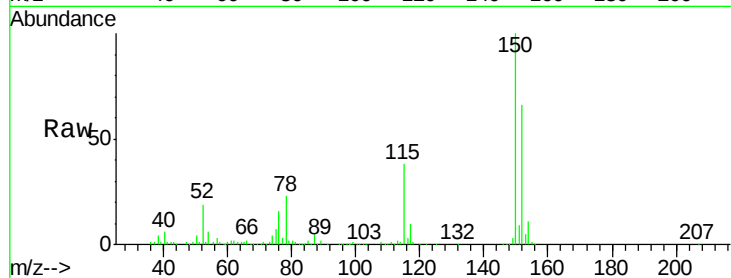
Tot Ion:152 Resp: 159867

Ion Ratio Lower Upper

152 100

115 57.0 28.0 83.9

150 156.4 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

