

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066344.D
 Acq On : 20 Aug 2020 05:00
 Operator : VA/SY
 Sample : L3678-01
 Misc : 9.86G/5.00ml/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BR-1

Quant Time: Aug 20 08:18:54 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

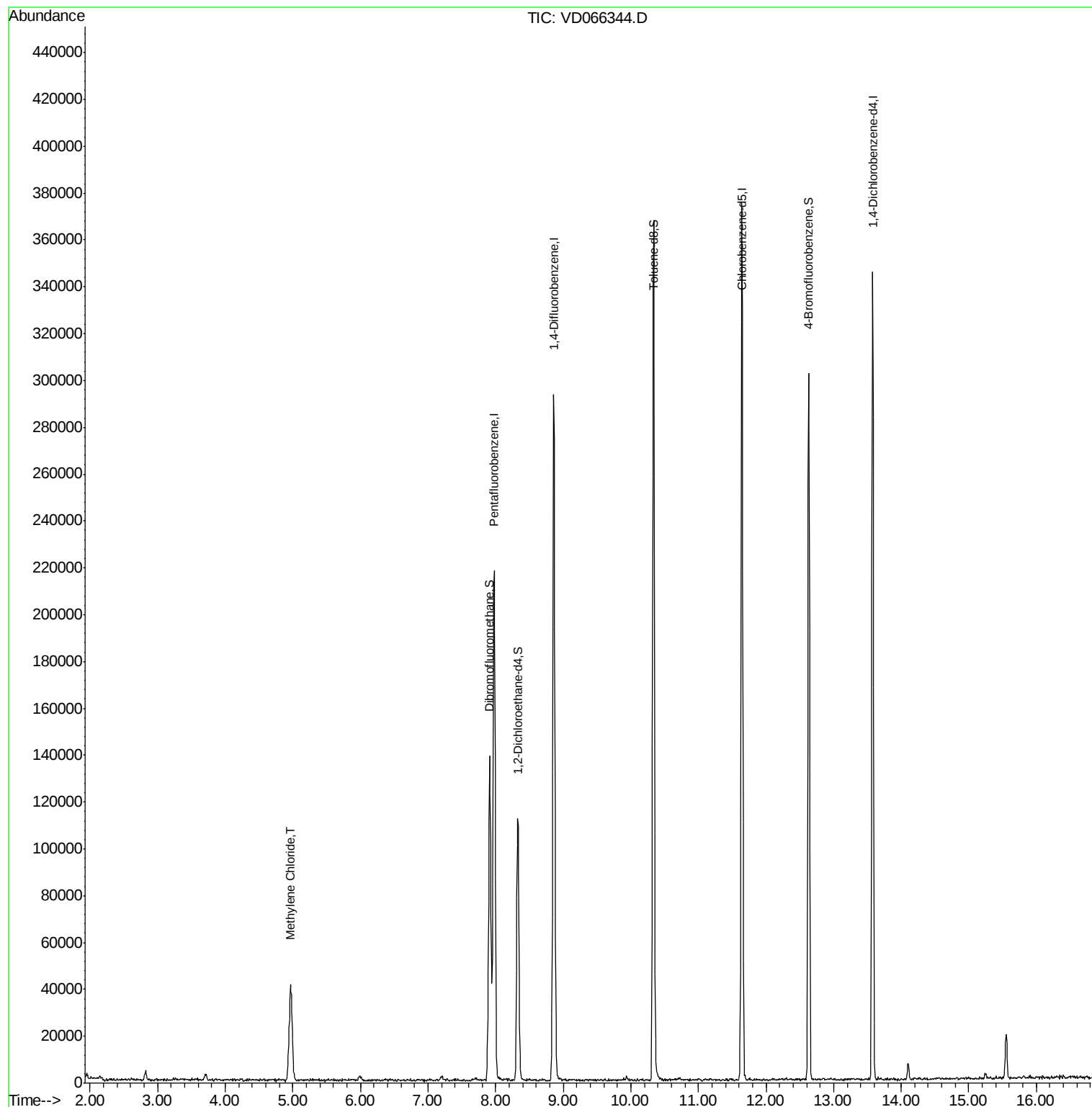
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	167565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	256935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	217275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	95309	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	97888	65.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.96%	
35) Dibromofluoromethane	7.91	113	95170	58.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.94%	
50) Toluene-d8	10.34	98	251518	41.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.74%	
62) 4-Bromofluorobenzene	12.63	95	93661	43.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.52%	
Target Compounds						
20) Methylene Chloride	4.97	84	30367	15.415	ug/l	Qvalue 94

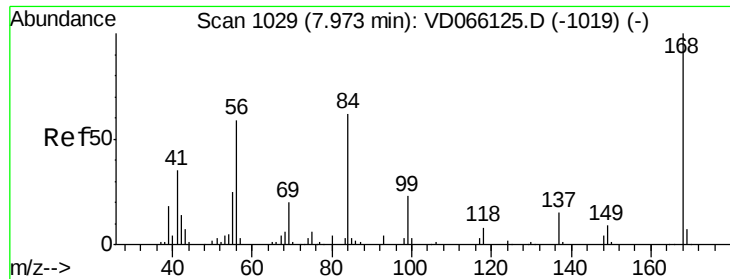
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066344.D

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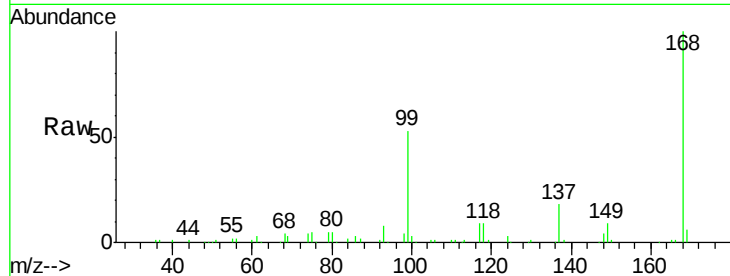
BR-1

Tot Ion:168 Resp: 167565

Ion Ratio Lower Upper

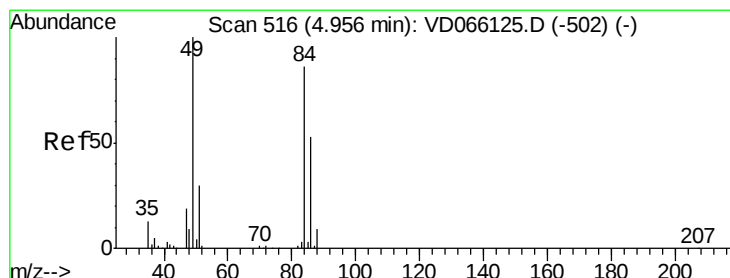
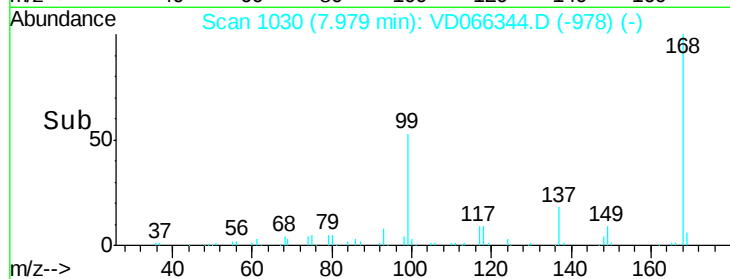
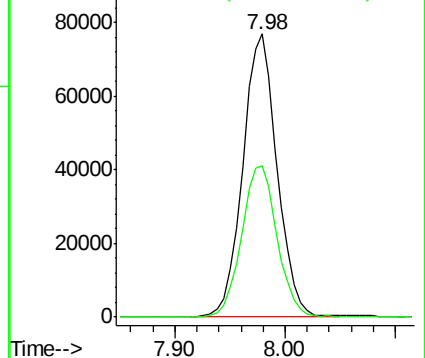
168 100

99 53.3 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: 15.415 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066344.D

Acq: 20 Aug 2020 05:00

Tgt Ion: 84 Resp: 30367

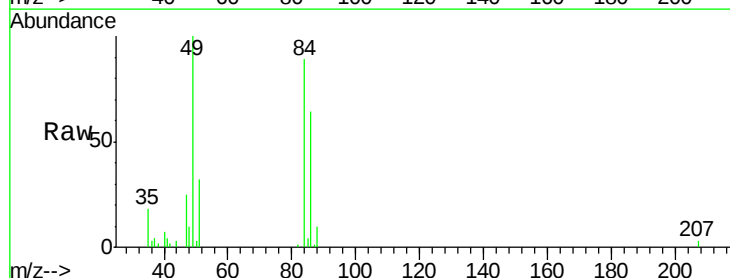
Ion Ratio Lower Upper

84 100

49 112.8 93.5 140.3

51 36.5 28.2 42.4

86 72.6 49.5 74.3

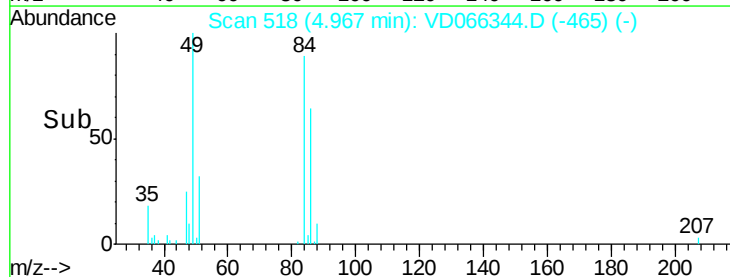
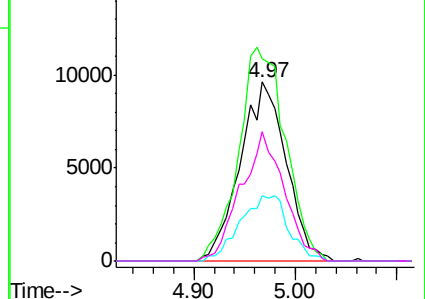


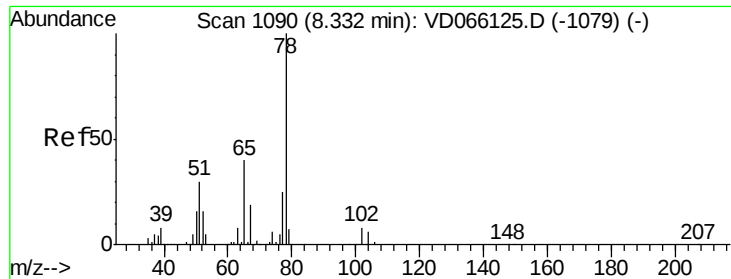
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

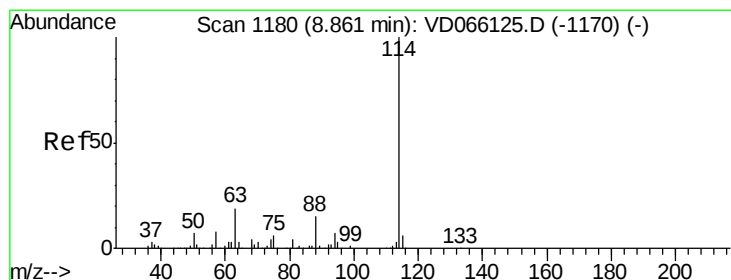
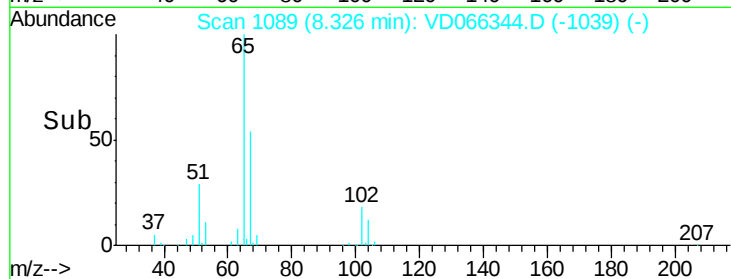
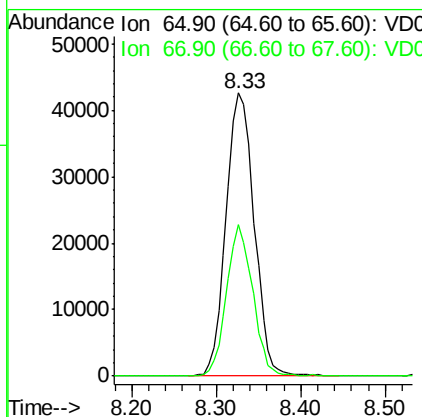
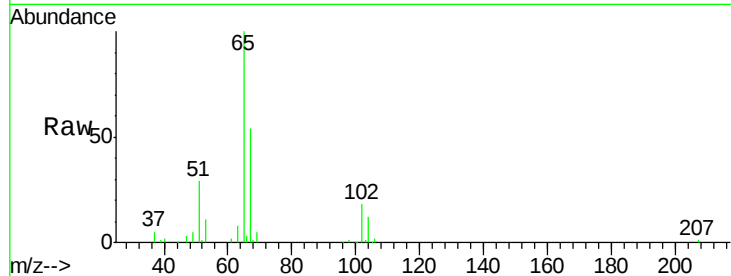




#33
 1,2-Dichloroethane-d4
 Concen: 65.480 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066344.D
 Acq: 20 Aug 2020 05:00

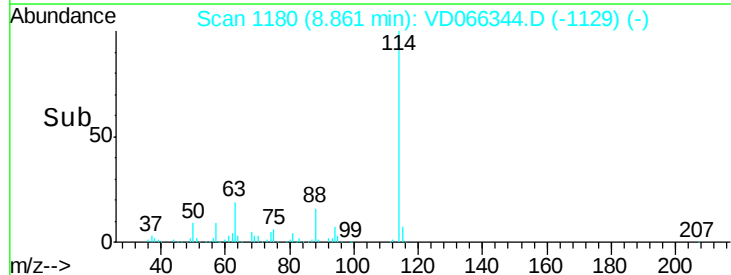
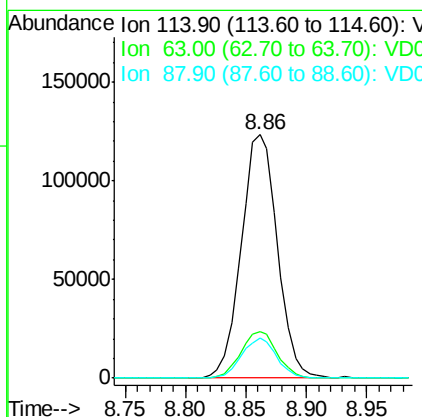
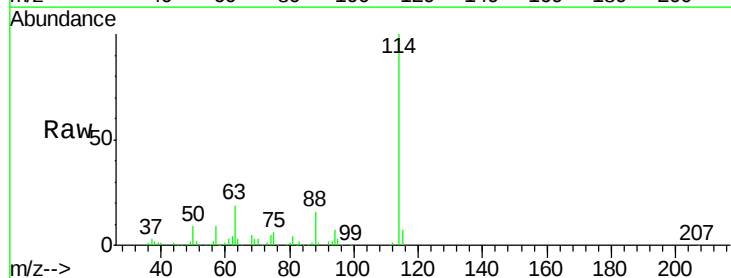
Instrument :
 MSVOA_D
 ClientSampleId :
 BR-1

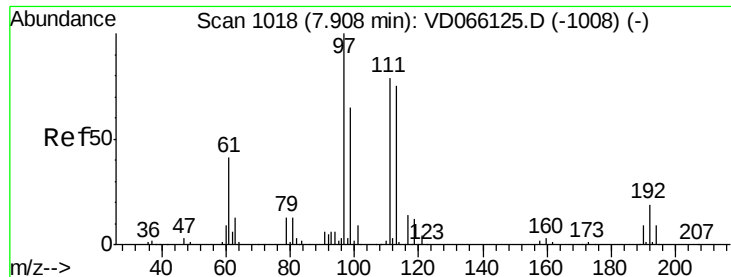
Tot Ion: 65 Resp: 97888
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066344.D
 Acq: 20 Aug 2020 05:00

Tgt Ion: 114 Resp: 256935
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 16.4 0.0 30.0

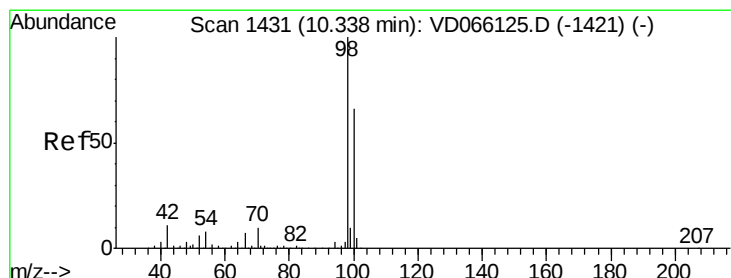
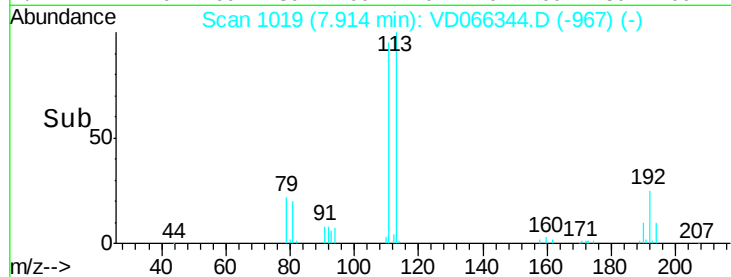
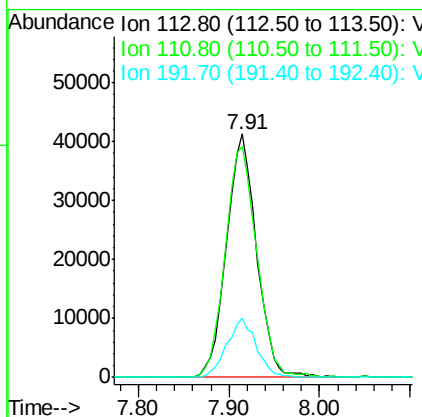
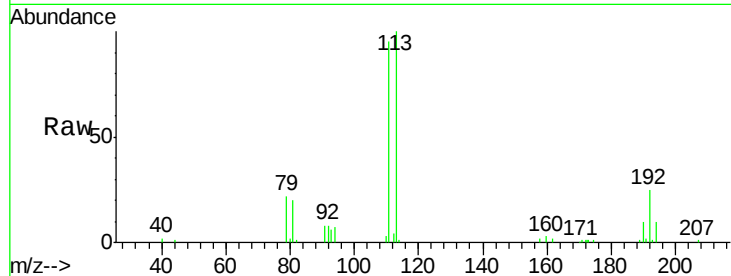




#35
 Dibromofluoromethane
 Concen: 58.471 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066344.D
 Acq: 20 Aug 2020 05:00

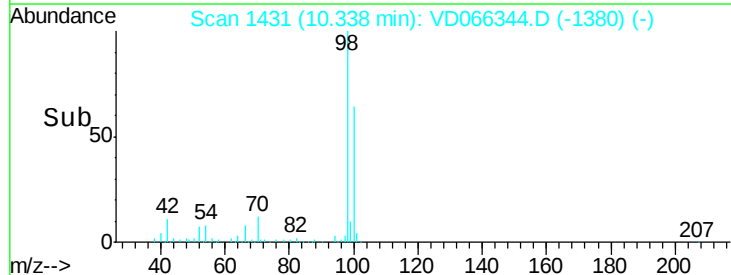
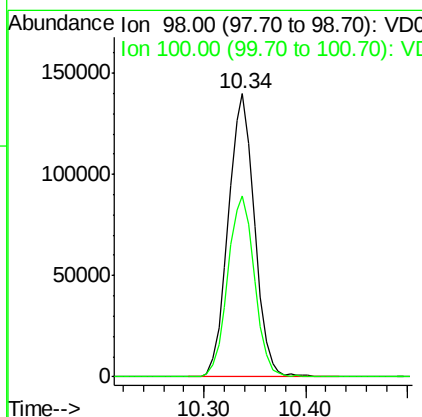
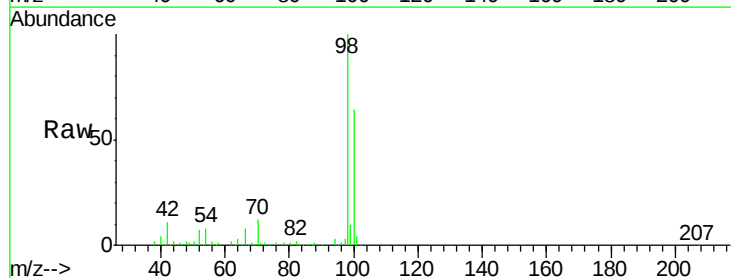
Instrument :
 MSVOA_D
 ClientSampleId :
 BR-1

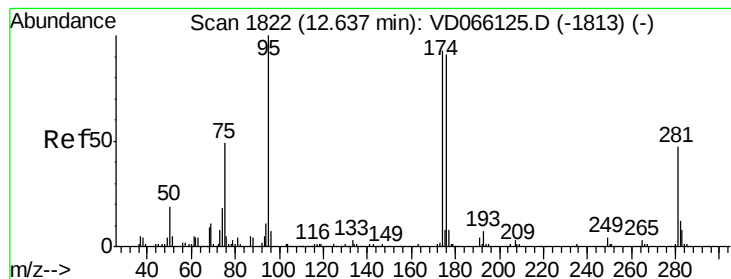
Tot Ion:113 Resp: 95170
 Ion Ratio Lower Upper
 113 100
 111 99.6 80.7 121.1
 192 23.7 18.4 27.6



#50
 Toluene-d8
 Concen: 41.875 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066344.D
 Acq: 20 Aug 2020 05:00

Tgt Ion: 98 Resp: 251518
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 43.260 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066344.D

Acq: 20 Aug 2020 05:00

Instrument :

MSVOA_D

ClientSampleId :

BR-1

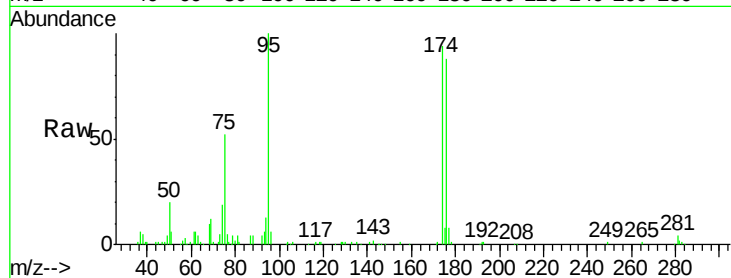
Tot Ion: 95 Resp: 93661

Ion Ratio Lower Upper

95 100

174 91.8 0.0 180.8

176 89.1 0.0 181.2

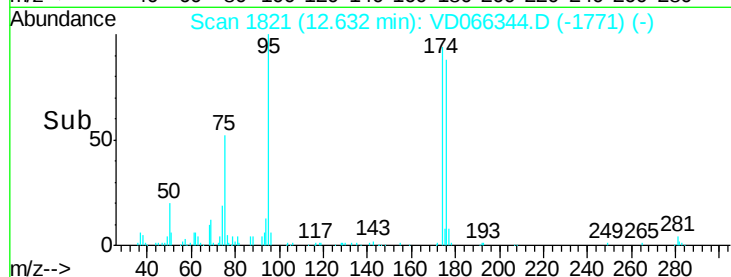


Abundance Ion 94.90 (94.60 to 95.60): VD066125.D (-1813) (-)

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

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

Time-->



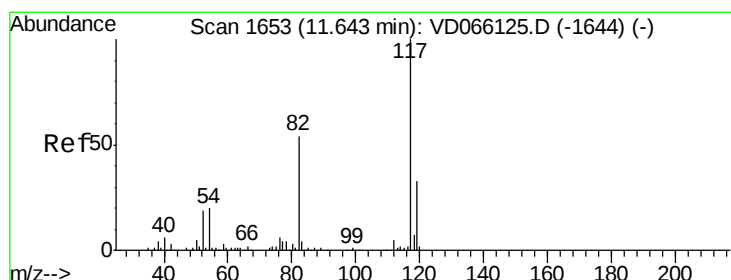
Abundance

Ion 94.90 (94.60 to 95.60): VD066344.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD066344.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD066344.D (-1771) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066344.D

Acq: 20 Aug 2020 05:00

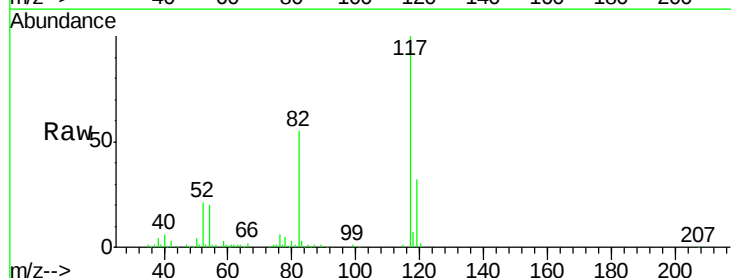
Tgt Ion: 117 Resp: 217275

Ion Ratio Lower Upper

117 100

82 55.2 43.0 64.4

119 31.8 26.1 39.1

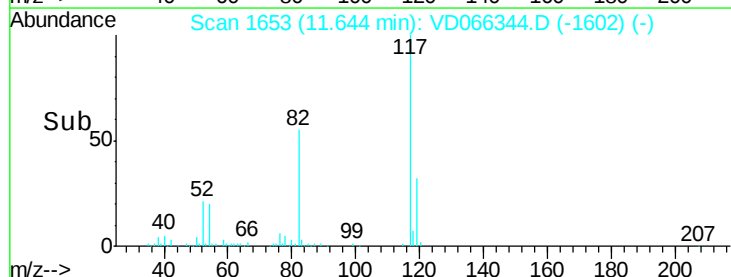


Abundance Ion 116.90 (116.60 to 117.60): VD066125.D (-1644) (-)

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

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

Time-->



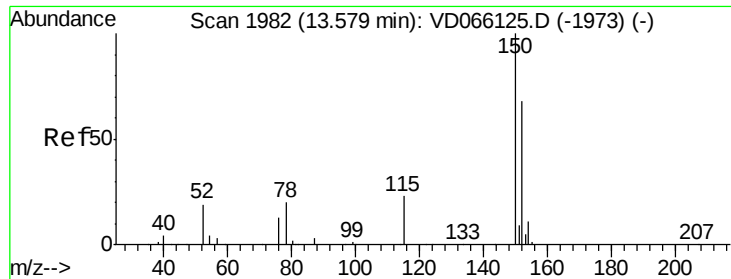
Abundance

Ion 116.90 (116.60 to 117.60): VD066344.D (-1602) (-)

Ion 82.00 (81.70 to 82.70): VD066344.D (-1602) (-)

Ion 118.90 (118.60 to 119.60): VD066344.D (-1602) (-)

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: VD066344.D

Acq: 20 Aug 2020 05:00

Instrument :

MSVOA_D

ClientSampleId :

BR-1

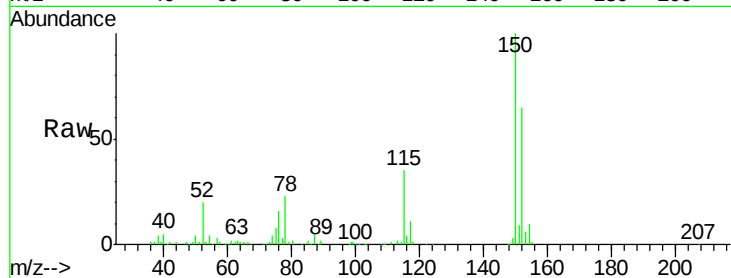
Tot Ion:152 Resp: 95309

Ion Ratio Lower Upper

152 100

115 55.4 28.0 83.9

150 153.1 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

