

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066337.D
 Acq On : 20 Aug 2020 01:52
 Operator : VA/SY
 Sample : L3712-06RE
 Misc : 7.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VB-25203RE

Quant Time: Aug 20 08:07:25 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

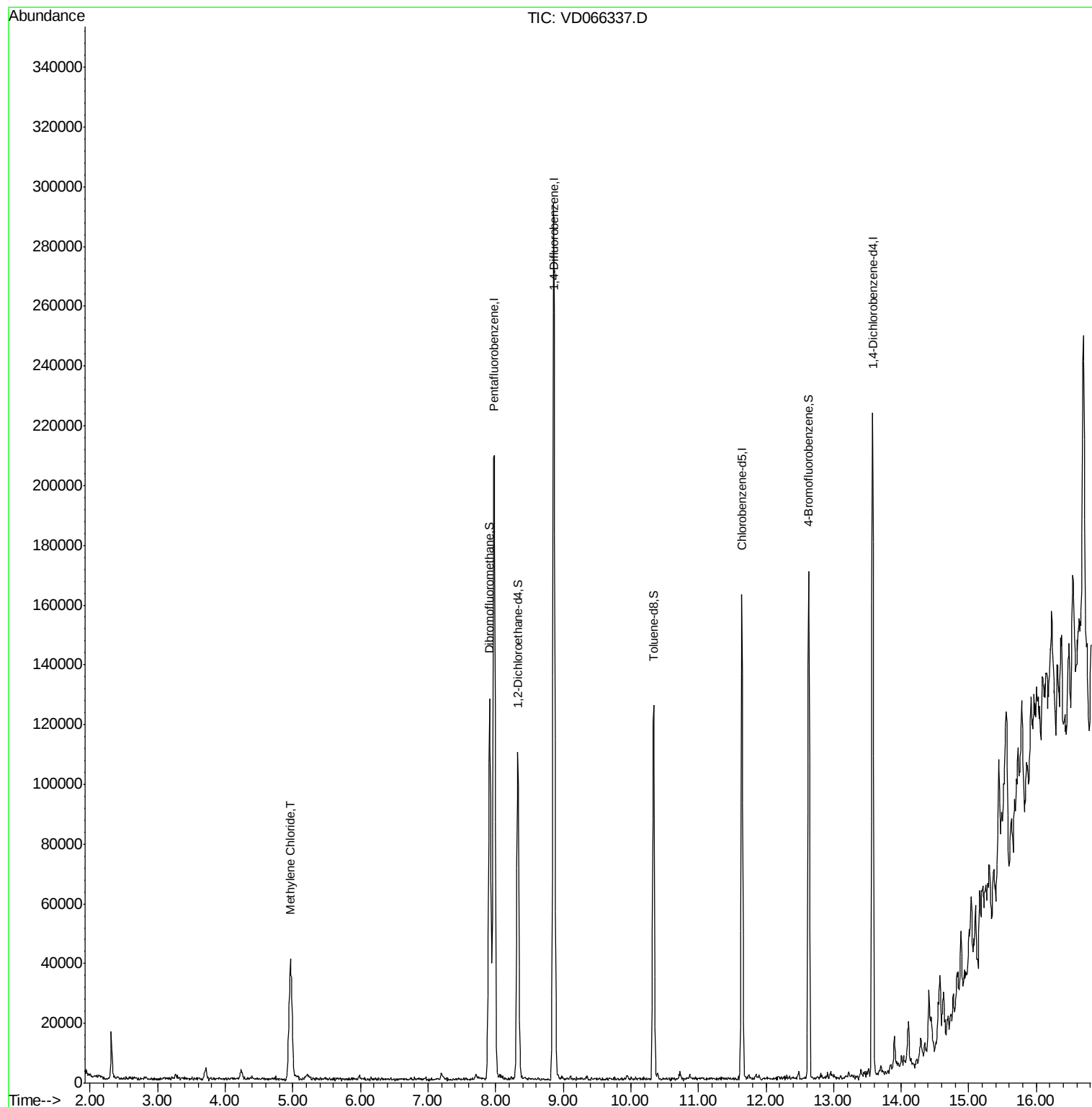
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	162148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	255813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	91281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	63463	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	90415	62.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.00%	
35) Dibromofluoromethane	7.91	113	89141	55.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.02%	
50) Toluene-d8	10.34	98	88349	14.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	29.54%	
62) 4-Bromofluorobenzene	12.63	95	48383	22.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	44.88%	
Target Compounds						
20) Methylene Chloride	4.96	84	32661	17.707	ug/l	Qvalue 95

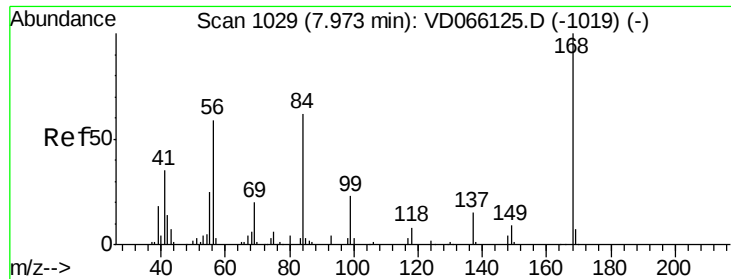
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066337.D

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ClientSampleId :

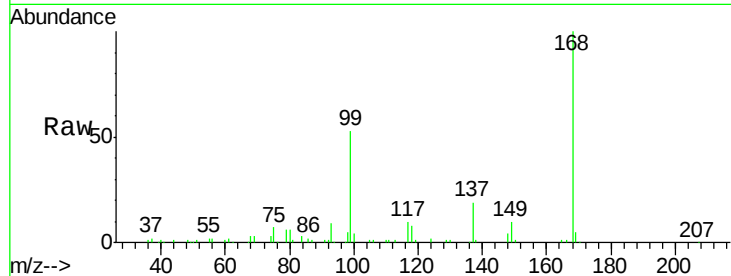
VB-25203RE

Tot Ion:168 Resp: 162148

Ion Ratio Lower Upper

168 100

99 52.6 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

80000

60000

40000

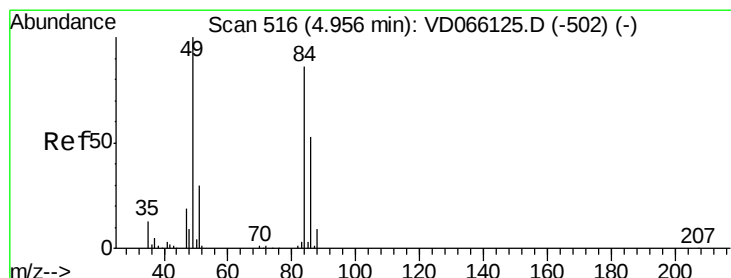
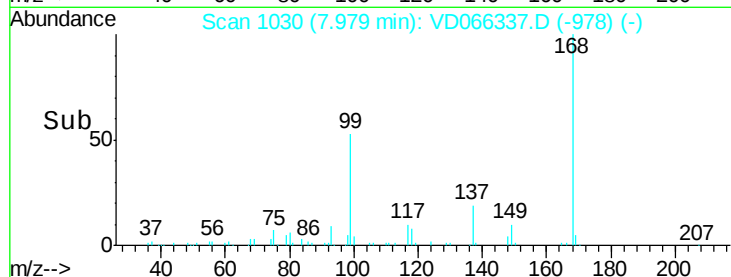
20000

0

Time-->

7.90

8.00



#20

Methylene Chloride

Concen: 17.707 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.01 min

Lab File: VD066337.D

Acq: 20 Aug 2020 01:52

Tgt Ion: 84 Resp: 32661

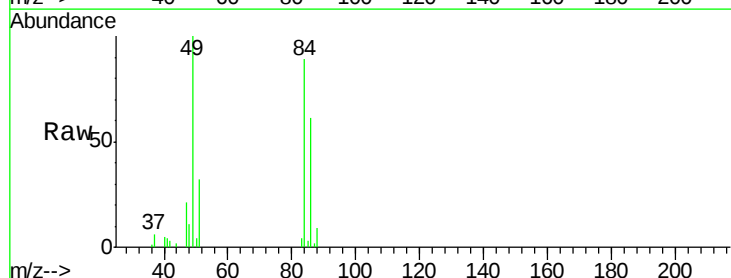
Ion Ratio Lower Upper

84 100

49 112.6 93.5 140.3

51 35.9 28.2 42.4

86 69.0 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

15000

10000

5000

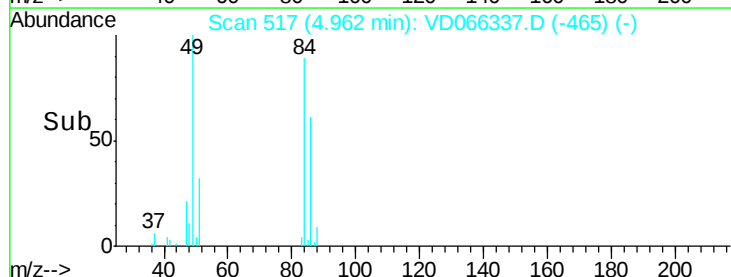
0

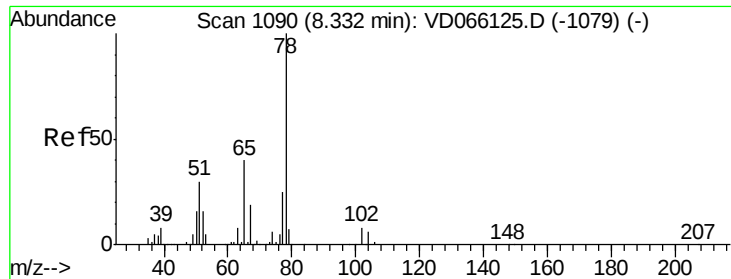
Time-->

4.90

5.00

5.10

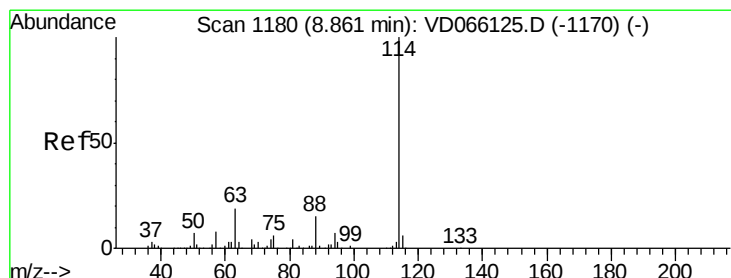
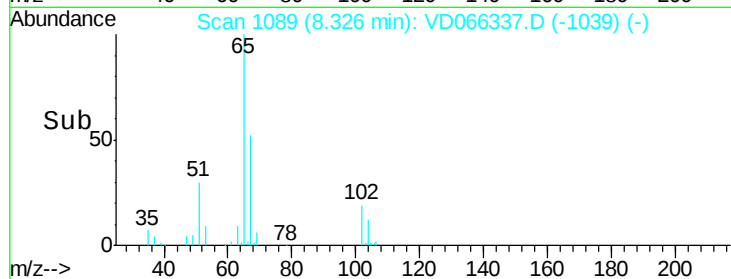
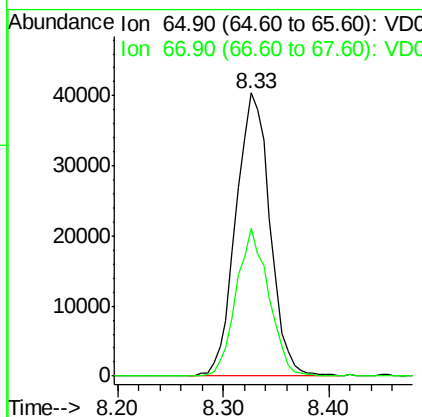
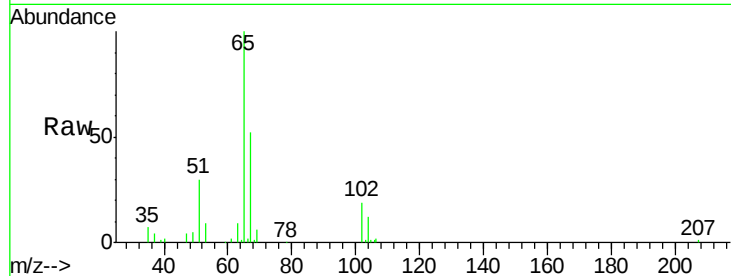




#33
 1,2-Dichloroethane-d4
 Concen: 62.501 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066337.D
 Acq: 20 Aug 2020 01:52

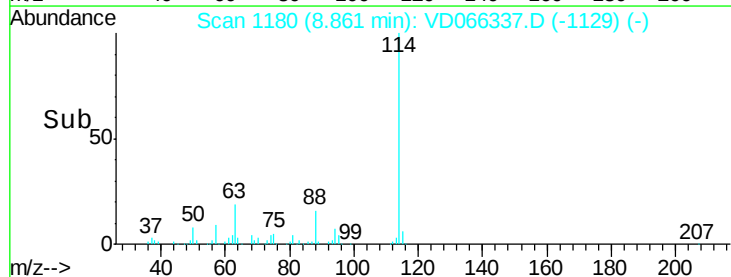
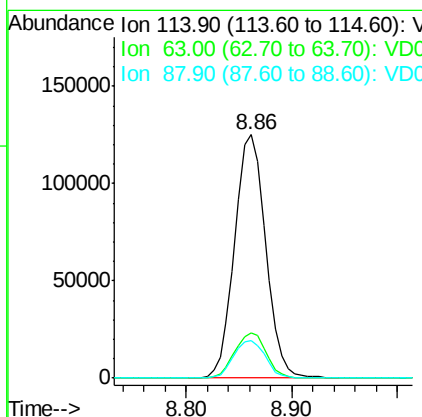
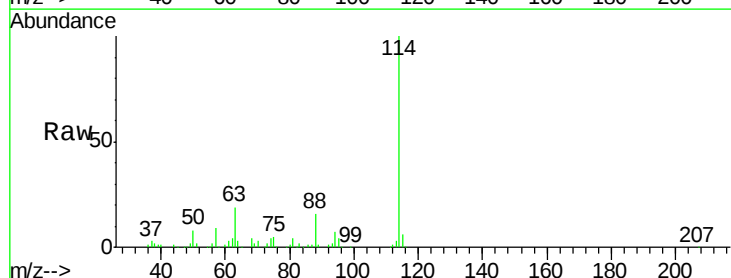
Instrument :
 MSVOA_D
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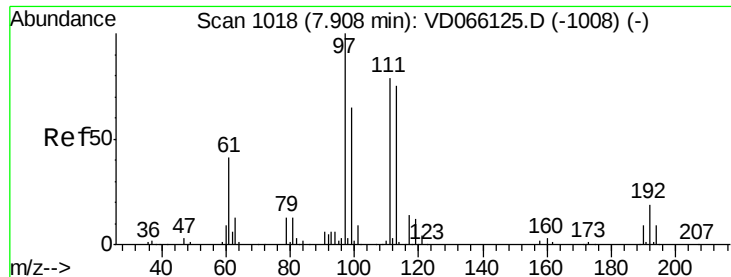
Tot Ion: 65 Resp: 90415
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066337.D
 Acq: 20 Aug 2020 01:52

Tgt Ion: 114 Resp: 255813
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.6
 88 15.5 0.0 30.0

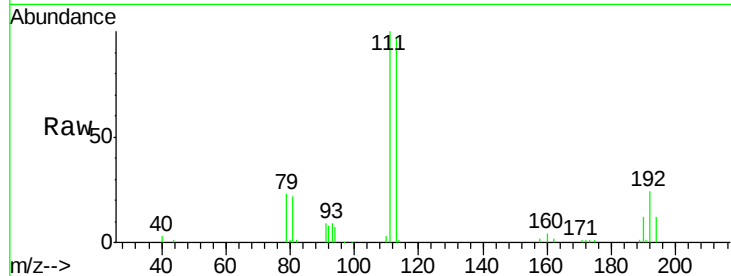




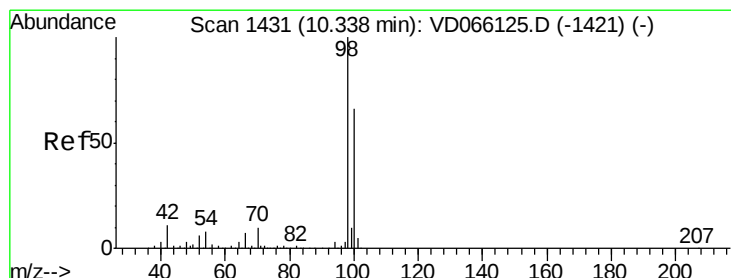
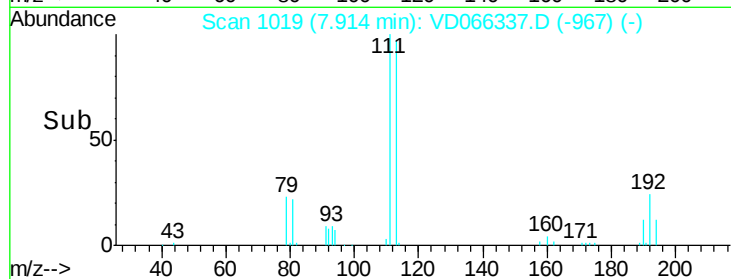
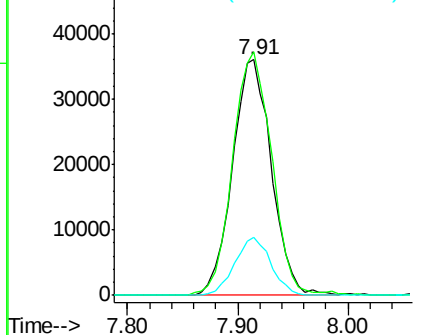
#35
 Dibromofluoromethane
 Concen: 55.007 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066337.D
 Acq: 20 Aug 2020 01:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VB-25203RE

Tot Ion:113 Resp: 89141
 Ion Ratio Lower Upper
 113 100
 111 103.9 80.7 121.1
 192 22.9 18.4 27.6

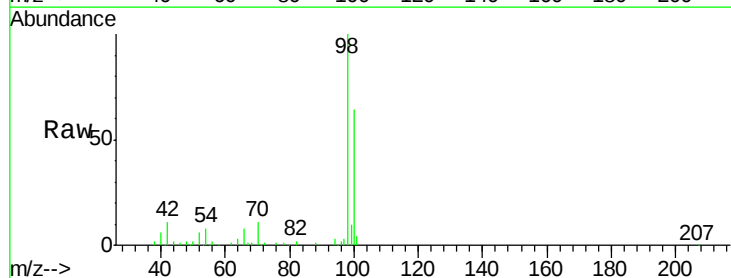


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

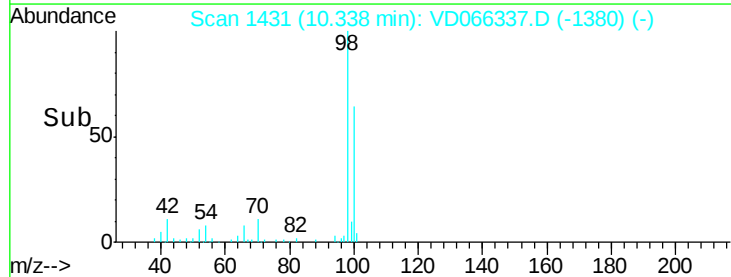
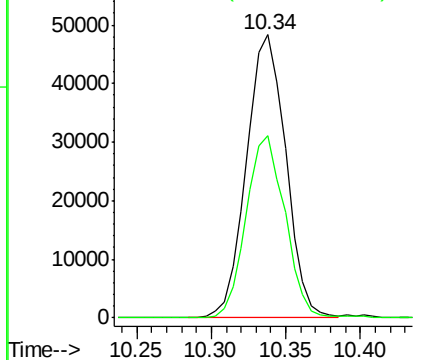


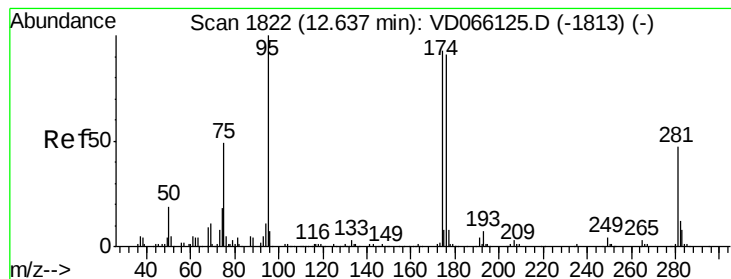
#50
 Toluene-d8
 Concen: 14.774 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066337.D
 Acq: 20 Aug 2020 01:52

Tgt Ion: 98 Resp: 88349
 Ion Ratio Lower Upper
 98 100
 100 63.4 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC





#62

4-Bromofluorobenzene

Concen: 22.445 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066337.D

Acq: 20 Aug 2020 01:52

Instrument :

MSVOA_D

ClientSampleId :

VB-25203RE

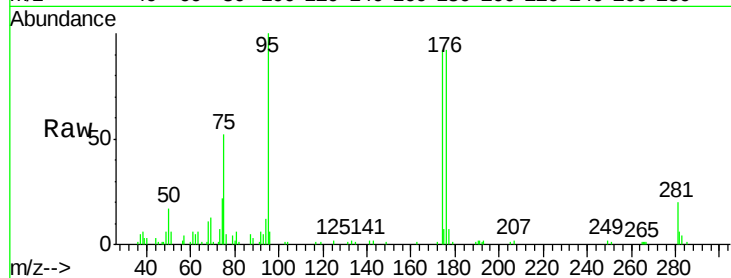
Tot Ion: 95 Resp: 48383

Ion Ratio Lower Upper

95 100

174 94.8 0.0 180.8

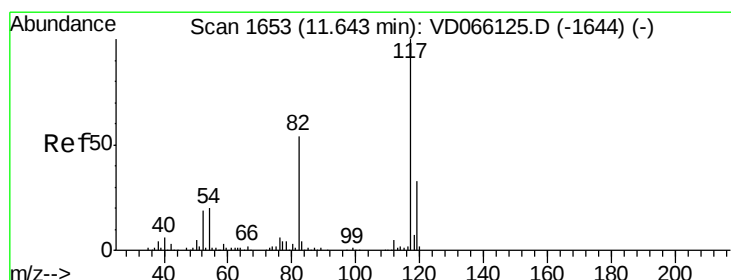
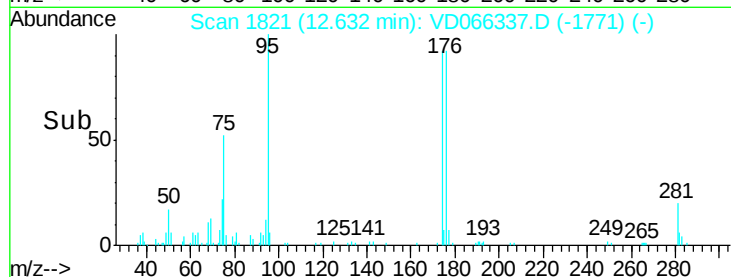
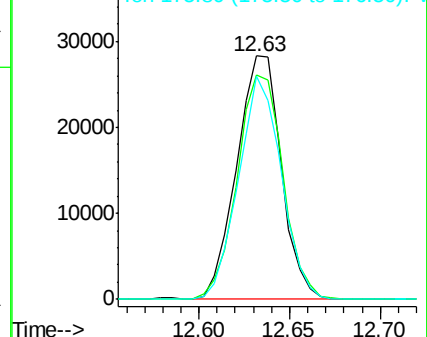
176 88.1 0.0 181.2



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: VD066337.D

Acq: 20 Aug 2020 01:52

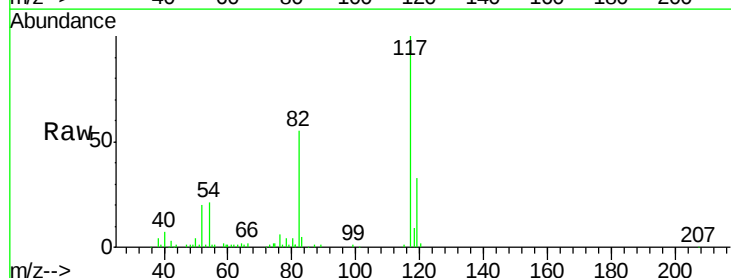
Tgt Ion: 117 Resp: 91281

Ion Ratio Lower Upper

117 100

82 55.4 43.0 64.4

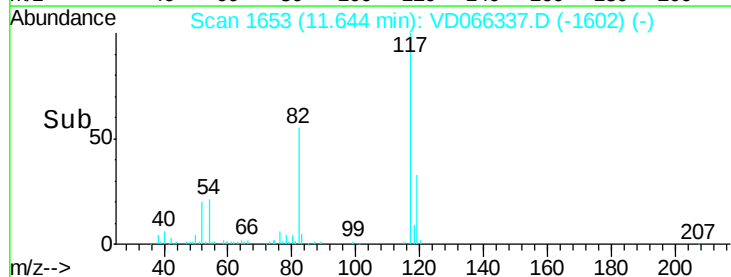
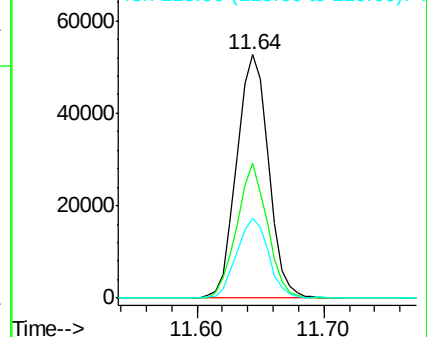
119 32.7 26.1 39.1

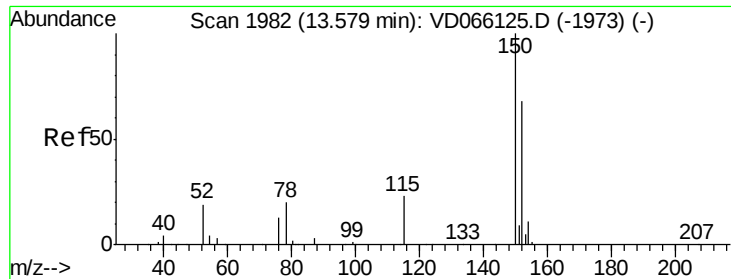


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD066337.D

Acq: 20 Aug 2020 01:52

Instrument :

MSVOA_D

ClientSampleId :

VB-25203RE

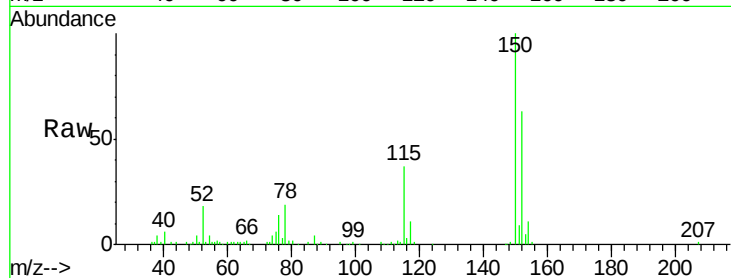
Tot Ion:152 Resp: 63463

Ion Ratio Lower Upper

152 100

115 59.4 28.0 83.9

150 158.9 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

