

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091620\
 Data File : VD066726.D
 Acq On : 16 Sep 2020 18:16
 Operator : VA/SY
 Sample : L4015-14
 Misc : 8.94G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 REACTOR-5W

Quant Time: Sep 17 01:26:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

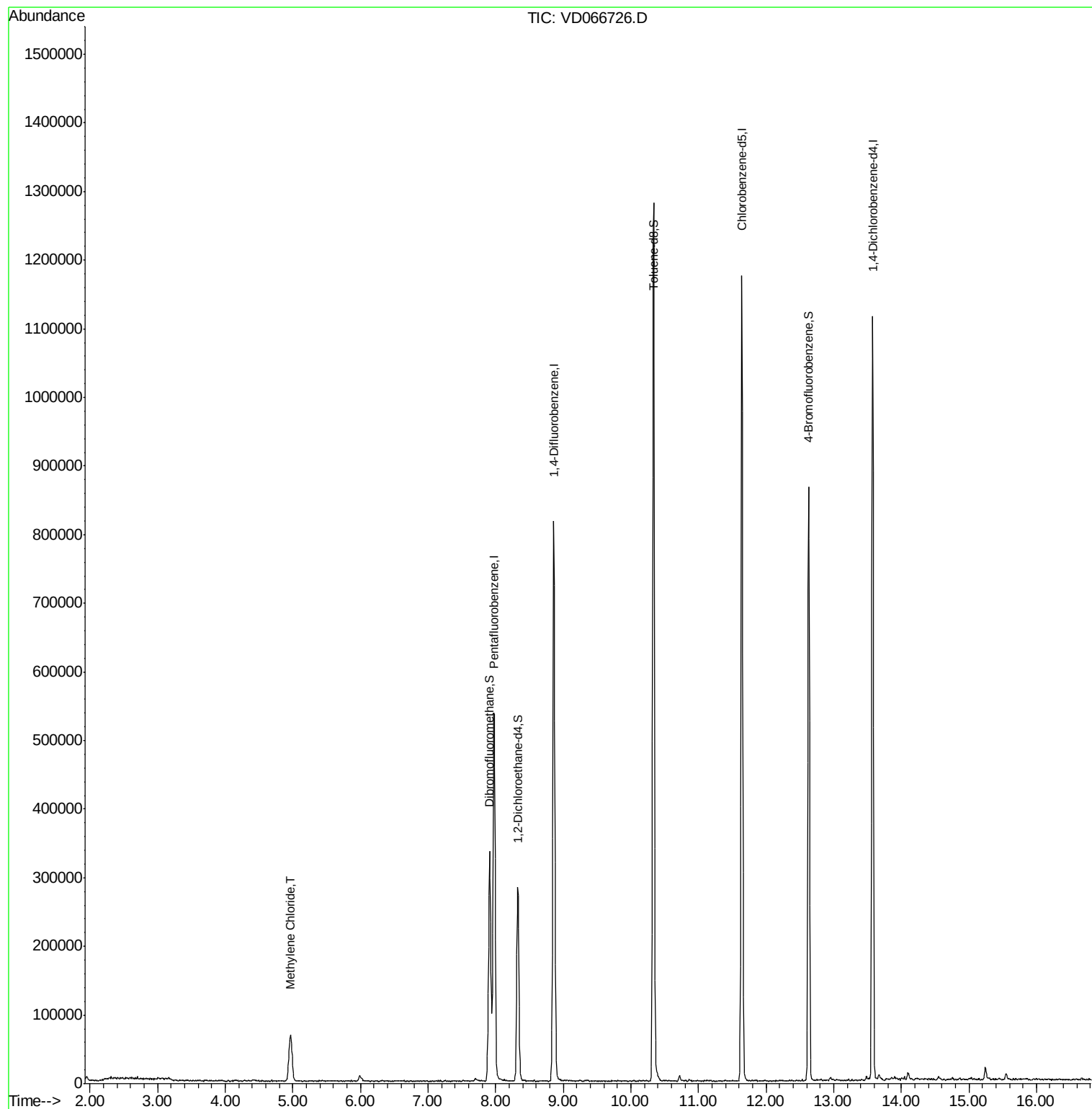
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	372788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	684017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	655351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279441	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	229392	57.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.34%	
35) Dibromofluoromethane	7.91	113	232915	55.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.08%	
50) Toluene-d8	10.34	98	847955	56.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.50%	
62) 4-Bromofluorobenzene	12.63	95	272630	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
Target Compounds						
20) Methylene Chloride	4.96	84	54093	5.936	ug/l #	91

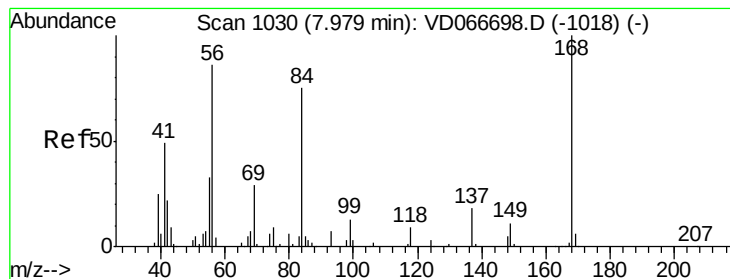
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066726.D

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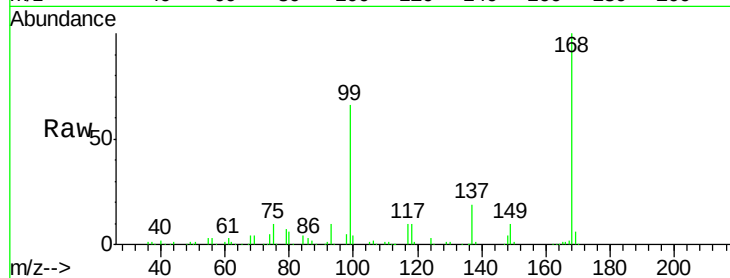
REACTOR-5W

Tot Ion:168 Resp: 372788

Ion Ratio Lower Upper

168 100

99 65.9 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

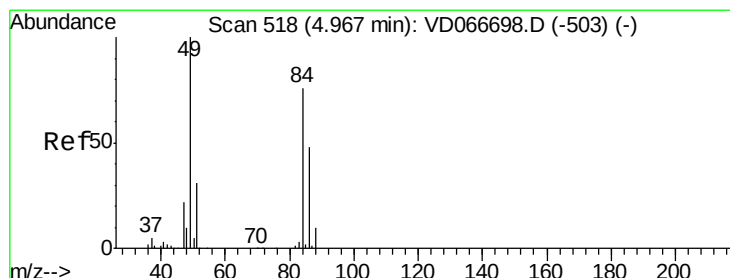
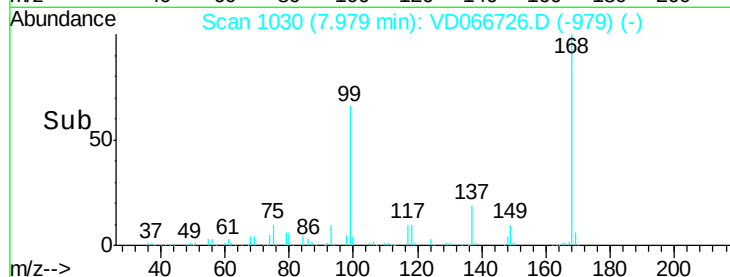
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 5.936 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066726.D

Acq: 16 Sep 2020 18:16

Tgt Ion: 84 Resp: 54093

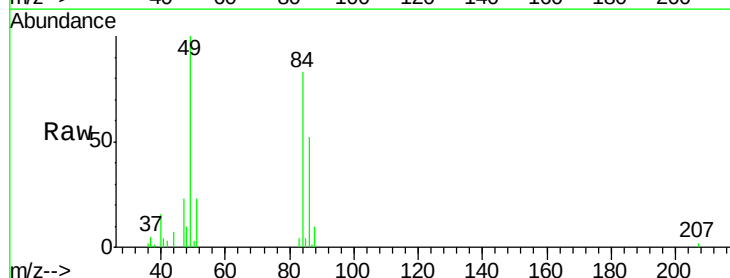
Ion Ratio Lower Upper

84 100

49 120.5 105.0 157.6

51 27.7 32.2 48.4#

86 62.5 50.4 75.6



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

4.96

30000

25000

20000

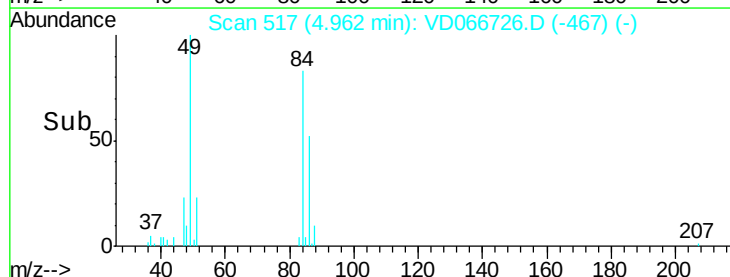
15000

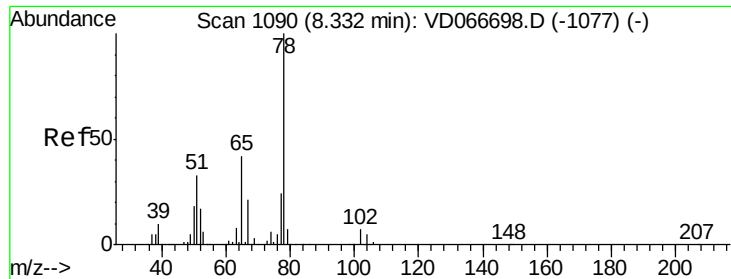
10000

5000

0

Time-->

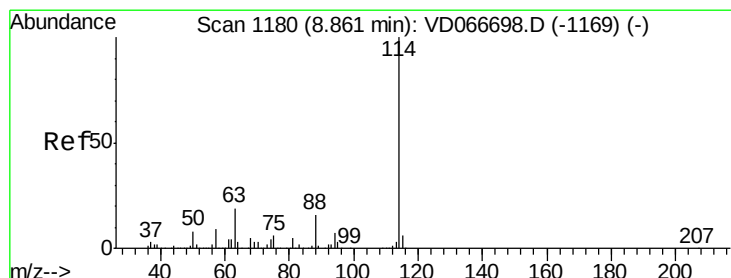
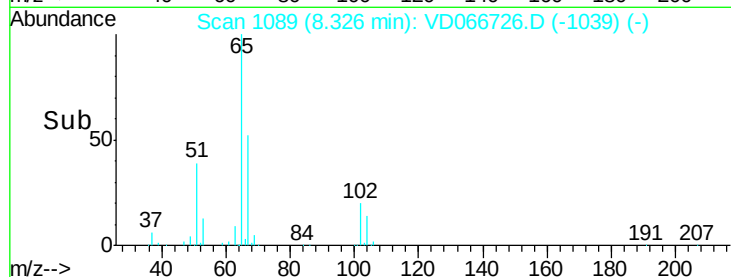
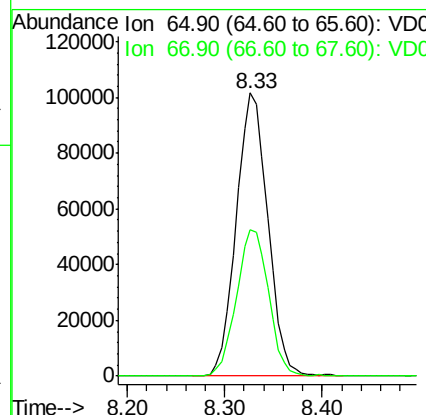
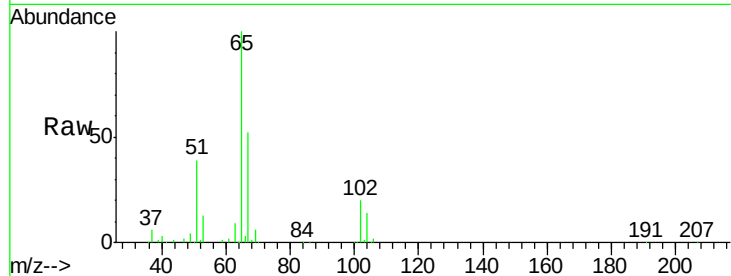




#33
 1,2-Dichloroethane-d4
 Concen: 57.674 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066726.D
 Acq: 16 Sep 2020 18:16

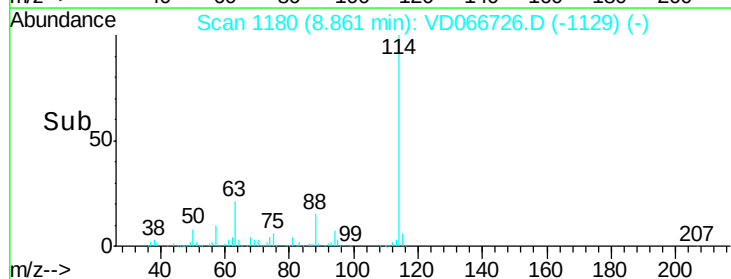
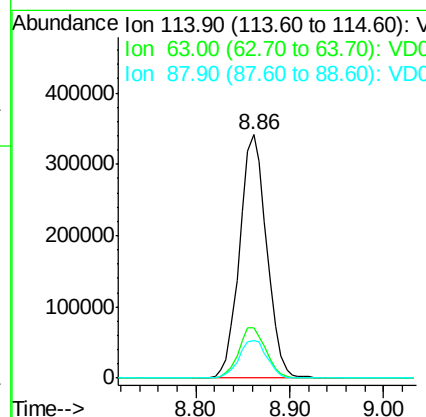
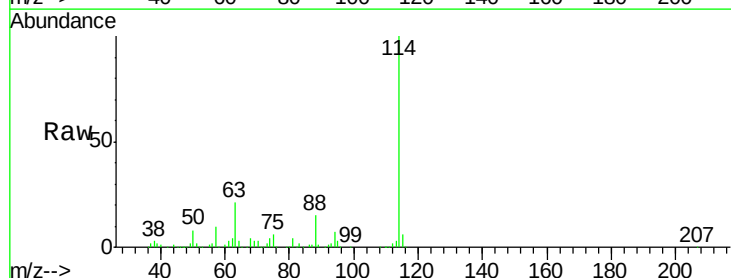
Instrument :
 MSVOA_D
 ClientSampleId :
 REACTOR-5W

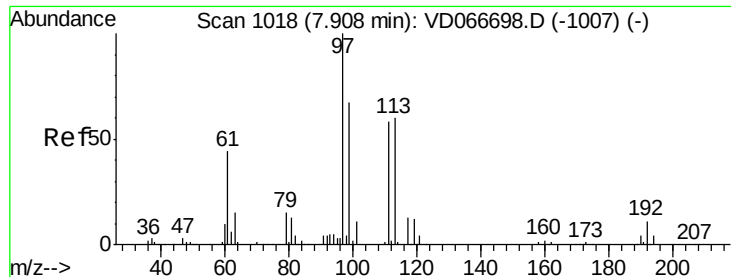
Tot Ion: 65 Resp: 229392
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066726.D
 Acq: 16 Sep 2020 18:16

Tgt Ion: 114 Resp: 684017
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 37.6
 88 15.3 0.0 32.2

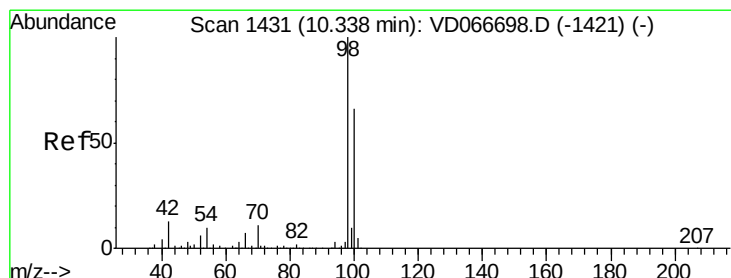
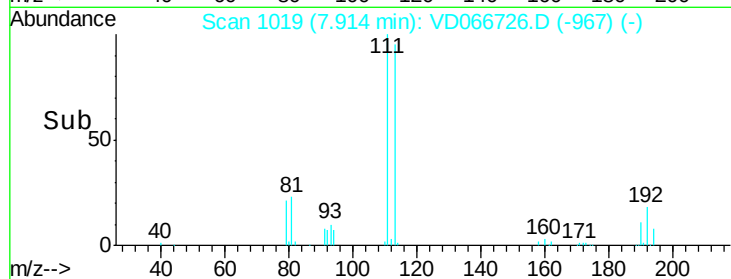
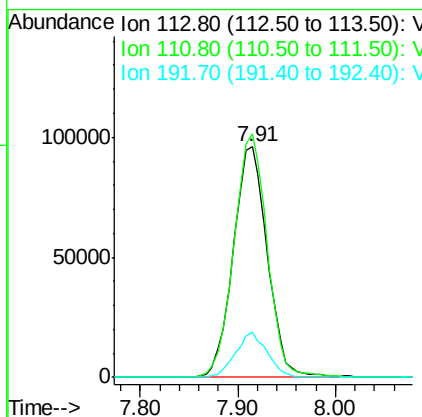
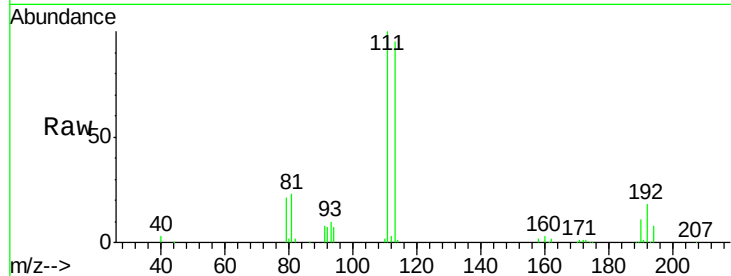




#35
 Dibromofluoromethane
 Concen: 55.540 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066726.D
 Acq: 16 Sep 2020 18:16

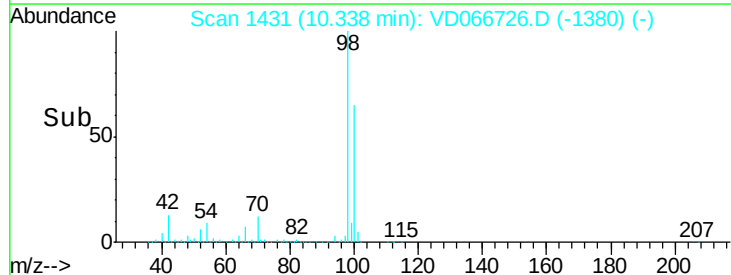
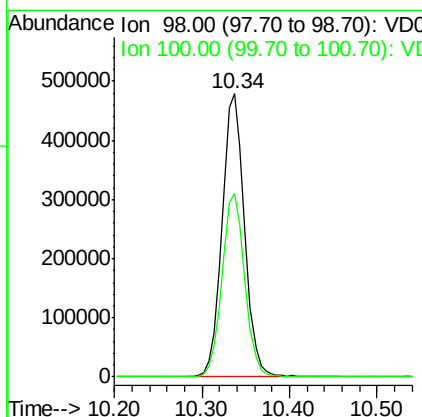
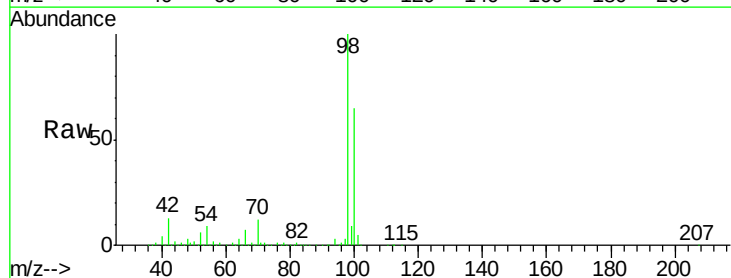
Instrument :
 MSVOA_D
 ClientSampleId :
 REACTOR-5W

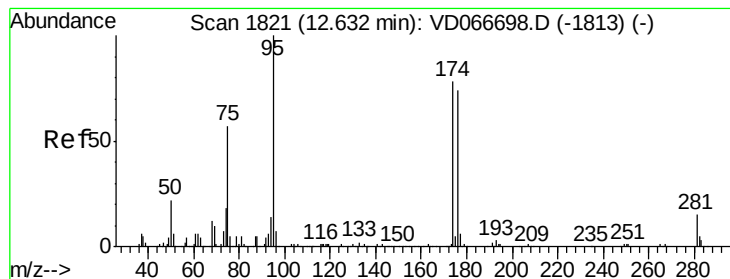
Tot Ion:113 Resp: 232915
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.2 124.8
 192 18.1 14.8 22.2



#50
 Toluene-d8
 Concen: 56.753 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066726.D
 Acq: 16 Sep 2020 18:16

Tgt Ion: 98 Resp: 847955
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 52.861 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066726.D

Acq: 16 Sep 2020 18:16

Instrument :

MSVOA_D

ClientSampleId :

REACTOR-5W

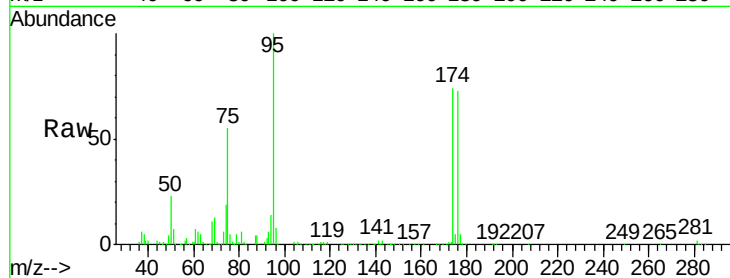
Tot Ion: 95 Resp: 272630

Ion Ratio Lower Upper

95 100

174 77.6 0.0 156.6

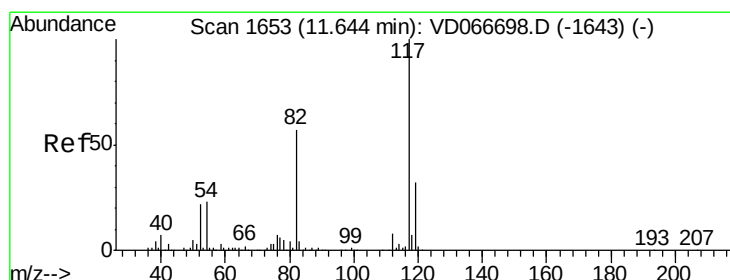
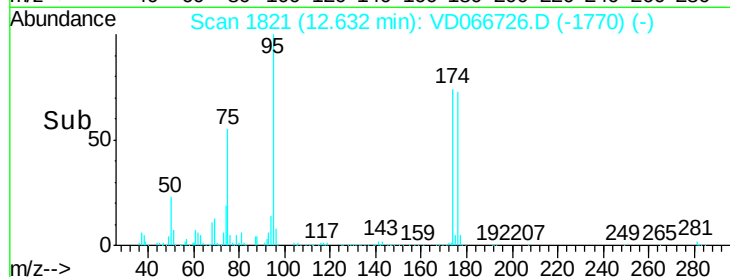
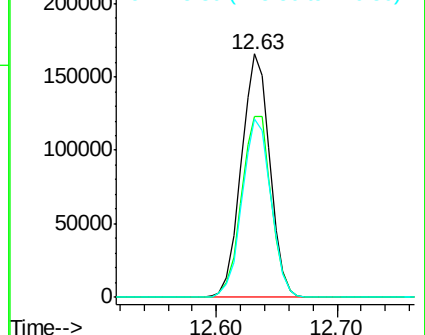
176 74.2 0.0 150.2



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: VD066726.D

Acq: 16 Sep 2020 18:16

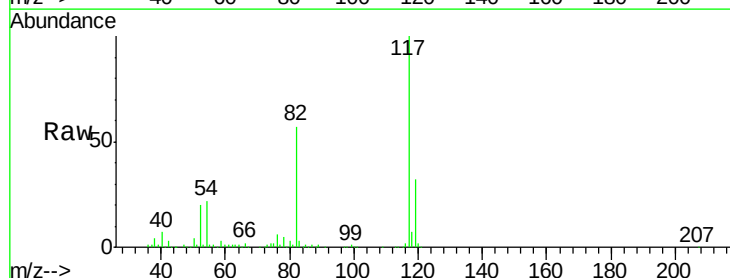
Tgt Ion: 117 Resp: 655351

Ion Ratio Lower Upper

117 100

82 56.6 45.4 68.0

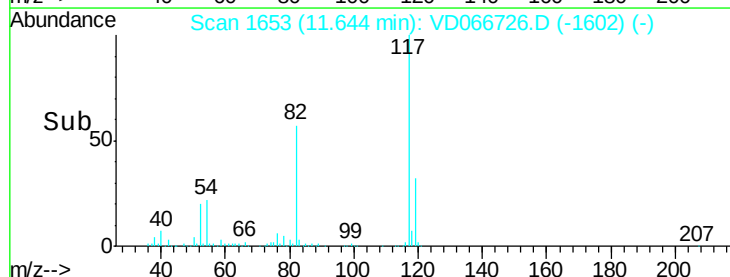
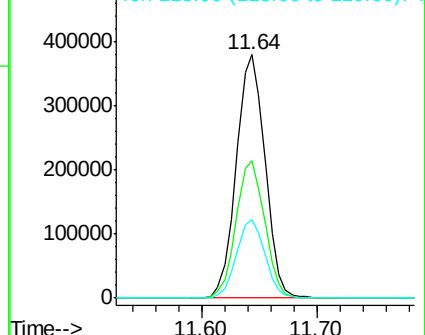
119 32.3 25.8 38.6

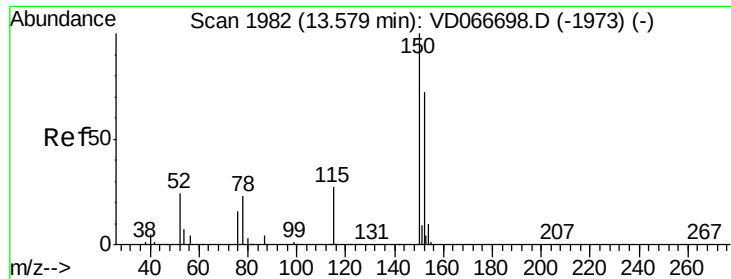


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD066726.D

Acq: 16 Sep 2020 18:16

Instrument :

MSVOA_D

ClientSampleId :

REACTOR-5W

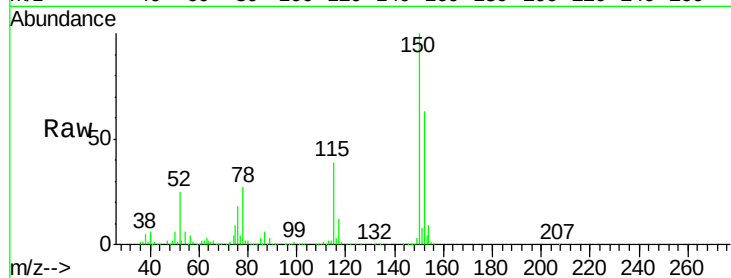
Tot Ion:152 Resp: 279441

Ion Ratio Lower Upper

152 100

115 61.7 30.5 91.5

150 158.7 0.0 344.6



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

