

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091620\
 Data File : VD066725.D
 Acq On : 16 Sep 2020 17:48
 Operator : VA/SY
 Sample : L4015-03
 Misc : 6.60G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 REACTOR-6E-(C-4)

Quant Time: Sep 17 01:24:36 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

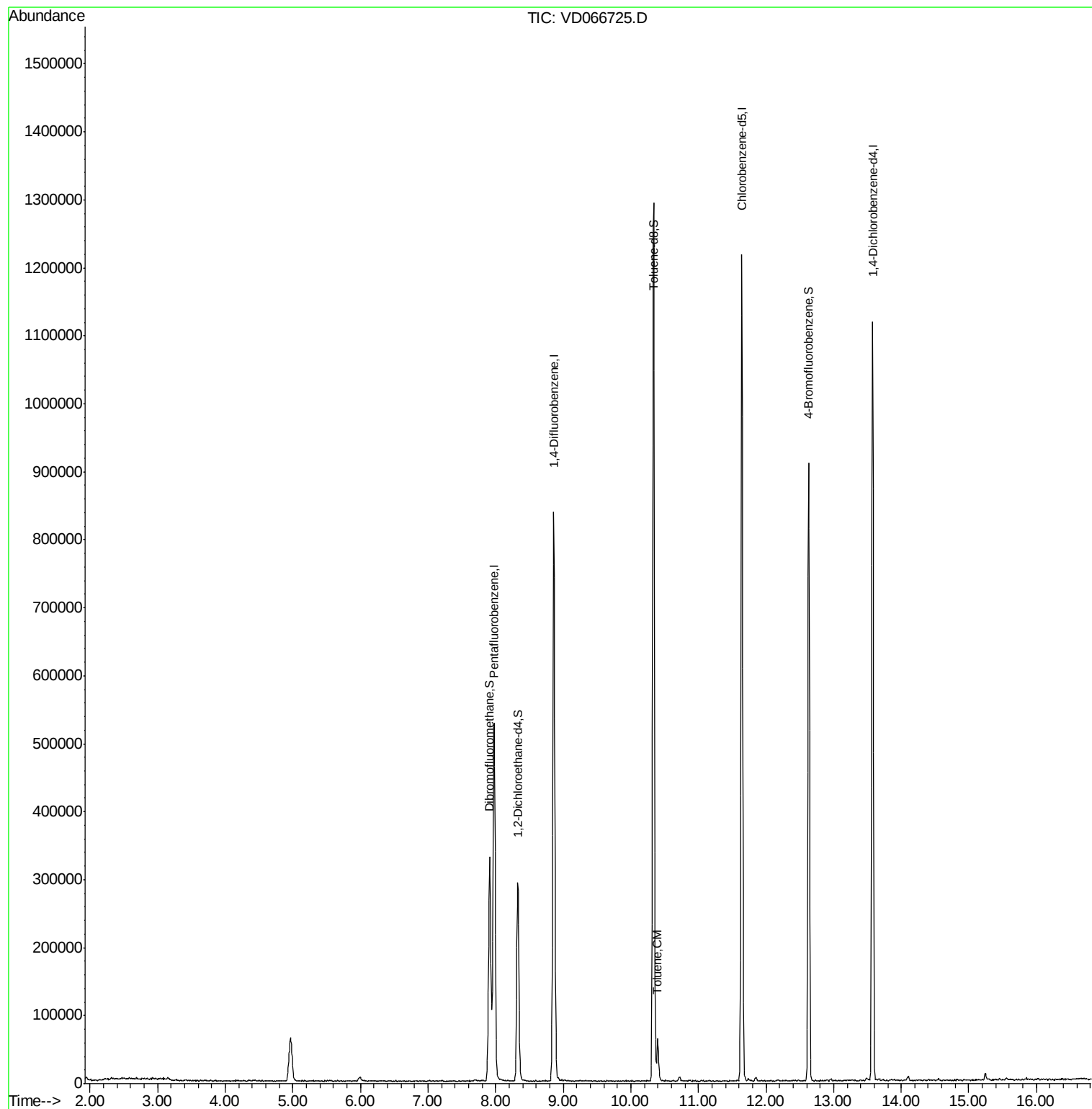
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	372865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	693653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	657458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	285531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	242037	60.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.68%	
35) Dibromofluoromethane	7.91	113	235754	55.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.88%	
50) Toluene-d8	10.34	98	857860	56.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.24%	
62) 4-Bromofluorobenzene	12.63	95	281861	53.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.78%	
Target Compounds						
52) Toluene	10.40	92	22855	1.849	ug/l	Qvalue 100

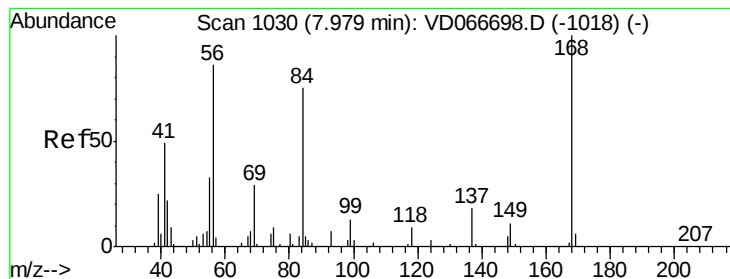
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

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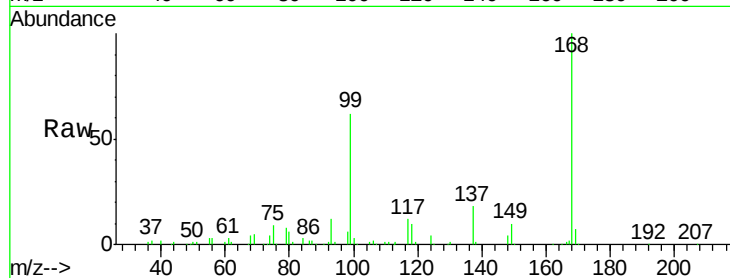
REACTOR-6E-(C-4)

Tot Ion:168 Resp: 372865

Ion Ratio Lower Upper

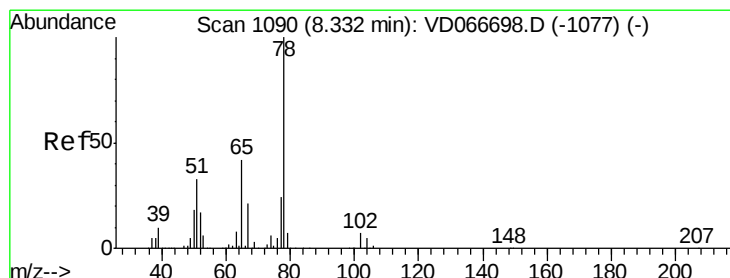
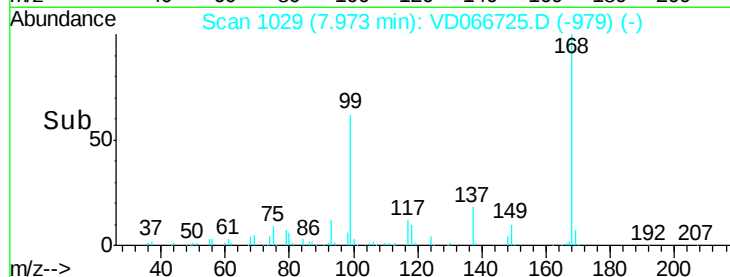
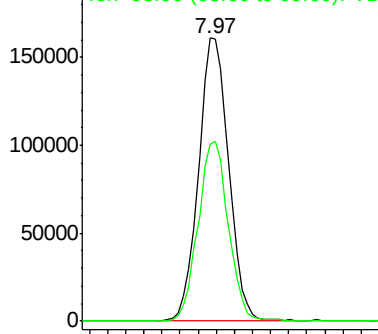
168 100

99 62.2 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 60.840 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066725.D

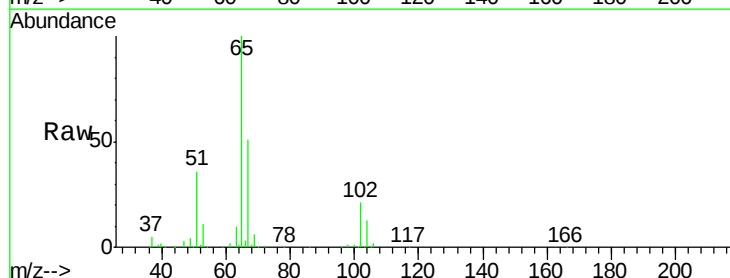
Acq: 16 Sep 2020 17:48

Tgt Ion: 65 Resp: 242037

Ion Ratio Lower Upper

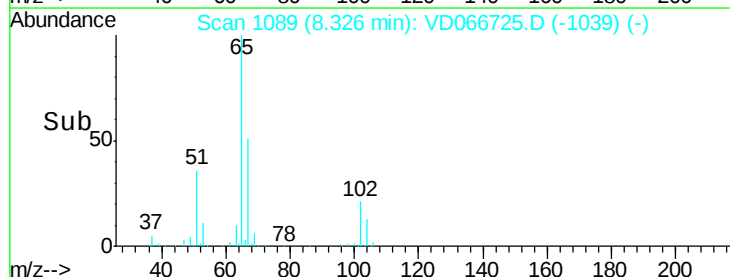
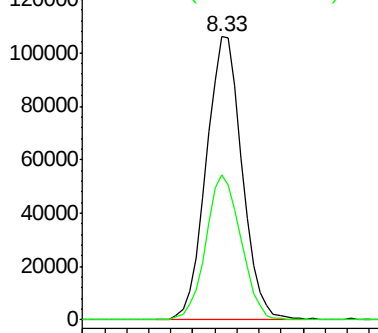
65 100

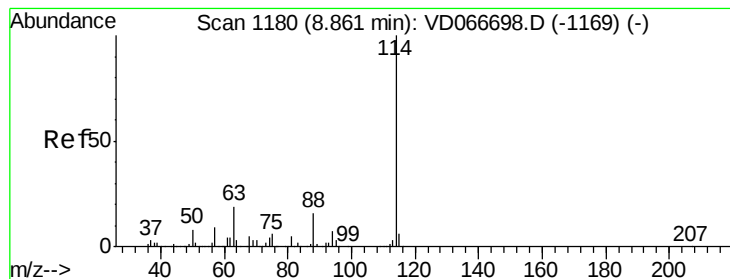
67 50.2 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066725.D

Acq: 16 Sep 2020 17:48

Instrument :

MSVOA_D

ClientSampleId :

REACTOR-6E-(C-4)

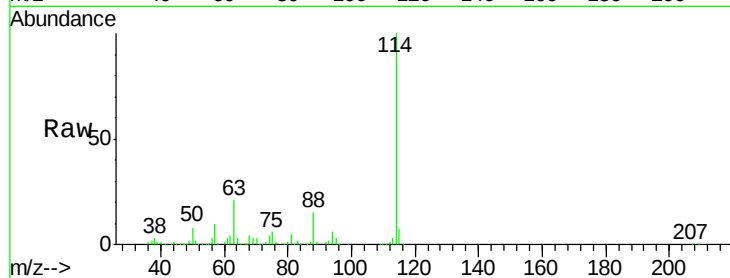
Tot Ion:114 Resp: 693653

Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.6

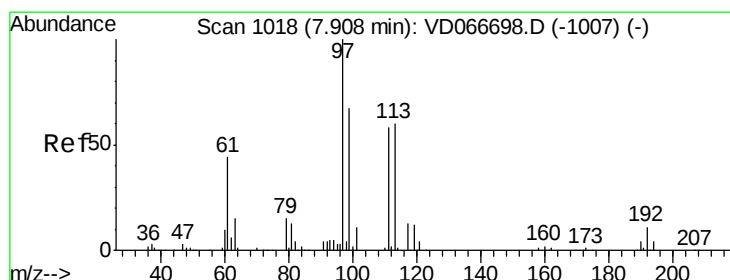
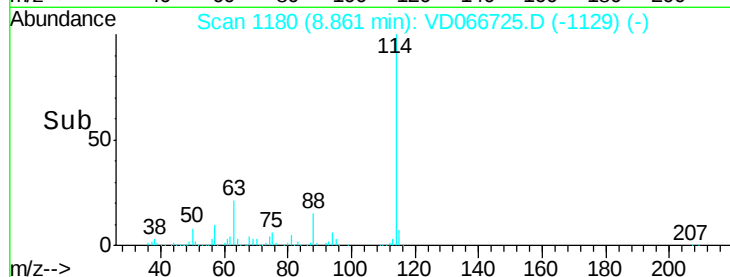
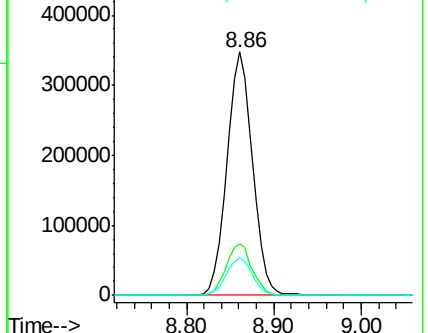
88 15.4 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 55.436 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066725.D

Acq: 16 Sep 2020 17:48

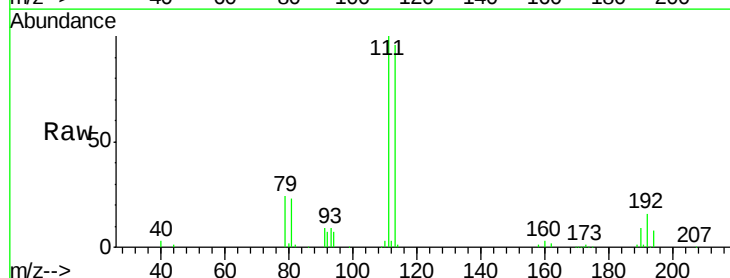
Tgt Ion:113 Resp: 235754

Ion Ratio Lower Upper

113 100

111 102.7 83.2 124.8

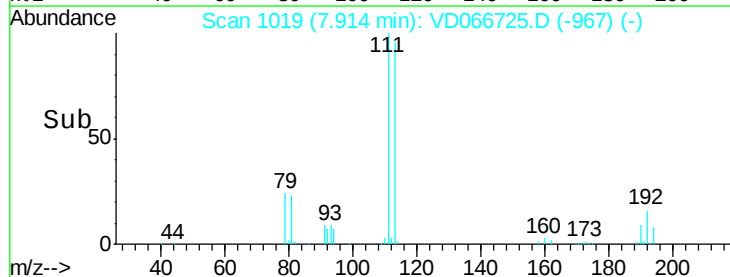
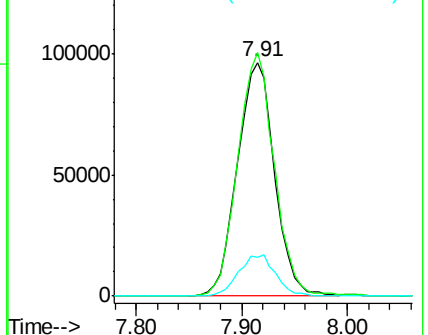
192 17.5 14.8 22.2

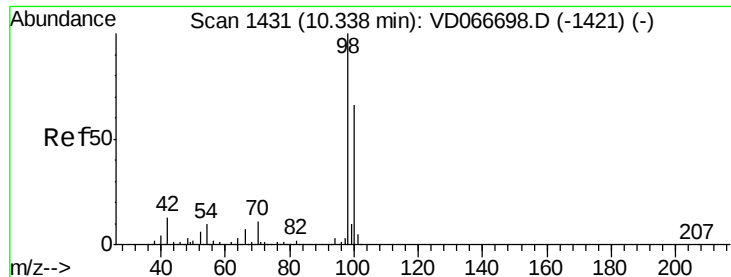


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

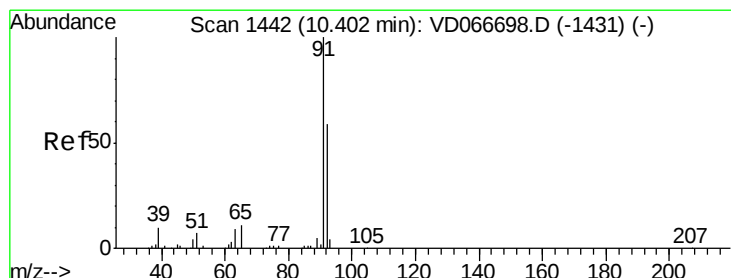
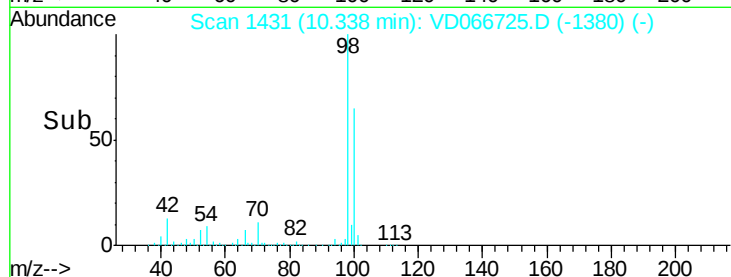
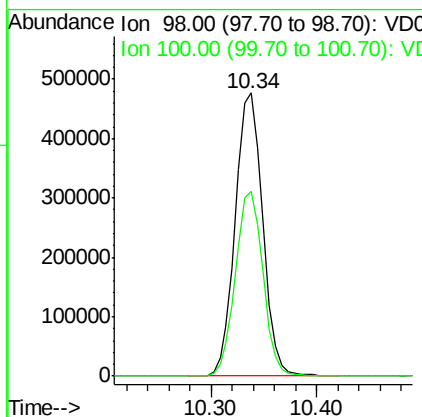
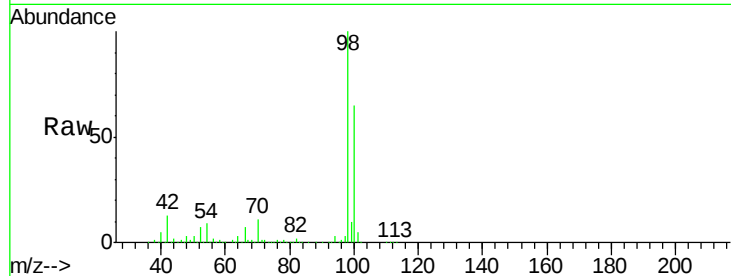




#50
Toluene-d8
Concen: 56.619 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066725.D
Acq: 16 Sep 2020 17:48

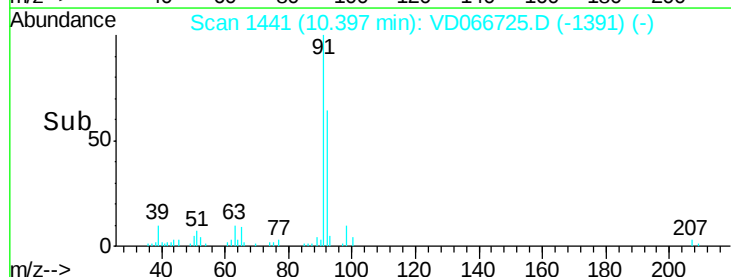
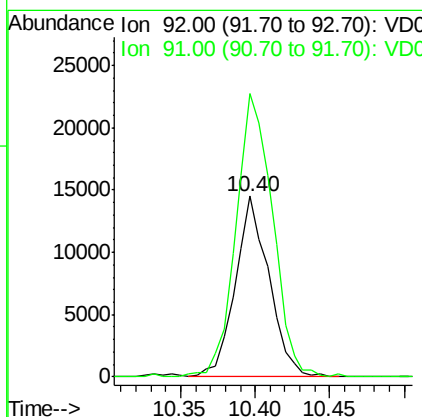
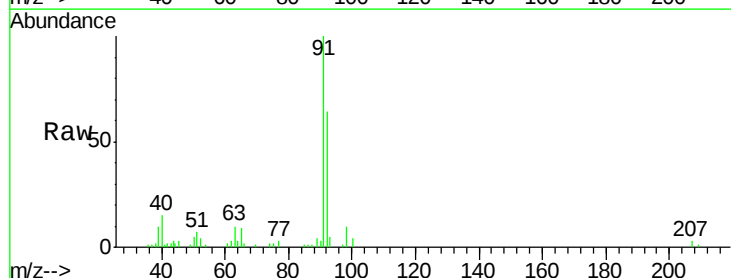
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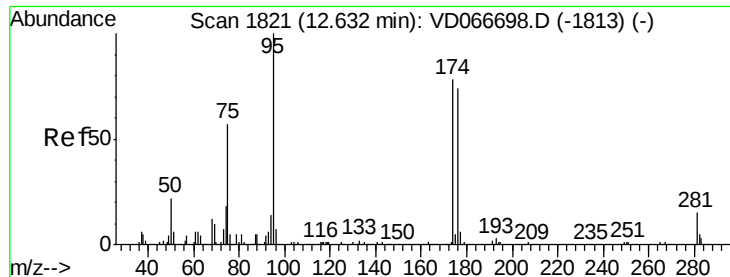
Tot Ion: 98 Resp: 857860
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#52
Toluene
Concen: 1.849 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066725.D
Acq: 16 Sep 2020 17:48

Tgt Ion: 92 Resp: 22855
Ion Ratio Lower Upper
92 100
91 169.7 135.8 203.8

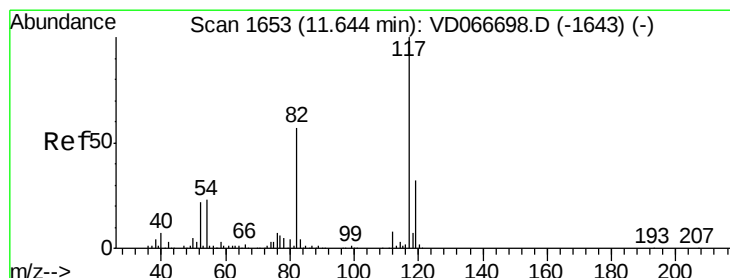
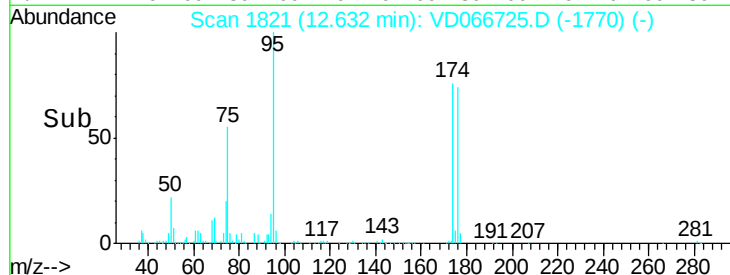
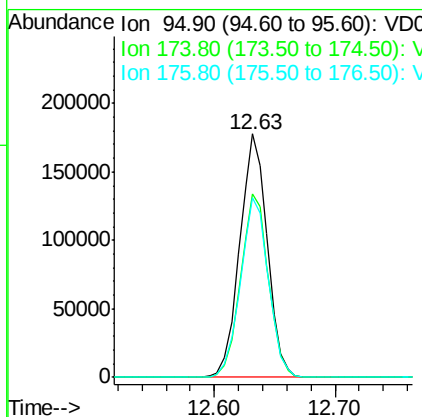
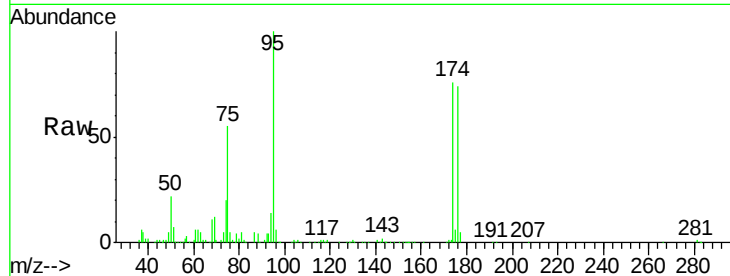




#62
4-Bromofluorobenzene
Concen: 53.892 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066725.D
Acq: 16 Sep 2020 17:48

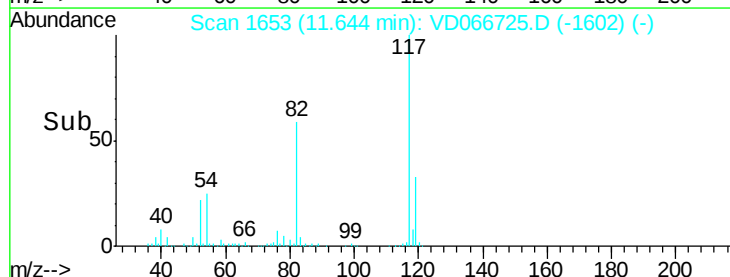
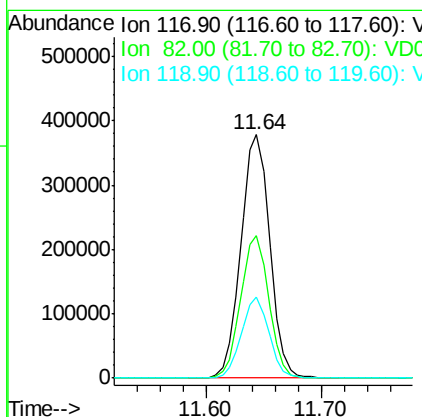
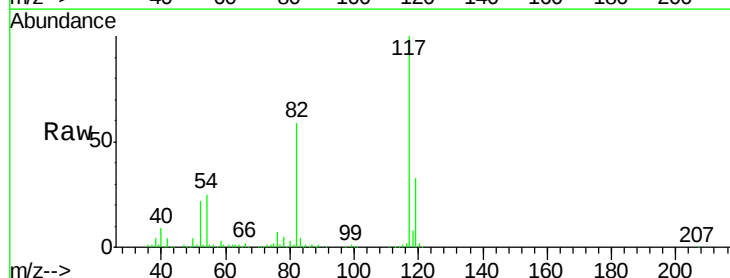
Instrument :
MSVOA_D
ClientSampleId :
REACTOR-6E-(C-4)

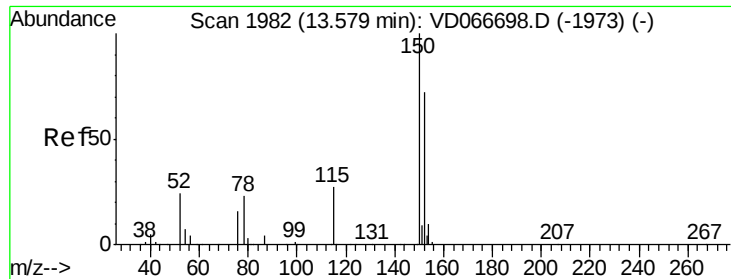
Tot Ion: 95 Resp: 281861
Ion Ratio Lower Upper
95 100
174 76.1 0.0 156.6
176 74.8 0.0 150.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066725.D
Acq: 16 Sep 2020 17:48

Tgt Ion: 117 Resp: 657458
Ion Ratio Lower Upper
117 100
82 58.6 45.4 68.0
119 33.4 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066725.D

Acq: 16 Sep 2020 17:48

Instrument :

MSVOA_D

ClientSampleId :

REACTOR-6E-(C-4)

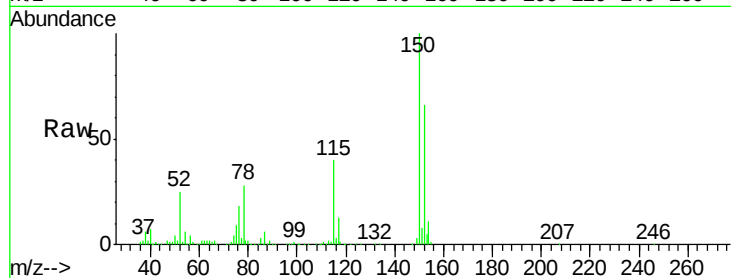
Tot Ion:152 Resp: 285531

Ion Ratio Lower Upper

152 100

115 61.1 30.5 91.5

150 157.9 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

