

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091820\
 Data File : VD066764.D
 Acq On : 18 Sep 2020 14:18
 Operator : VA/SY
 Sample : L3871-19
 Misc : 7.72G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-08-091720

Quant Time: Sep 19 03:56:07 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

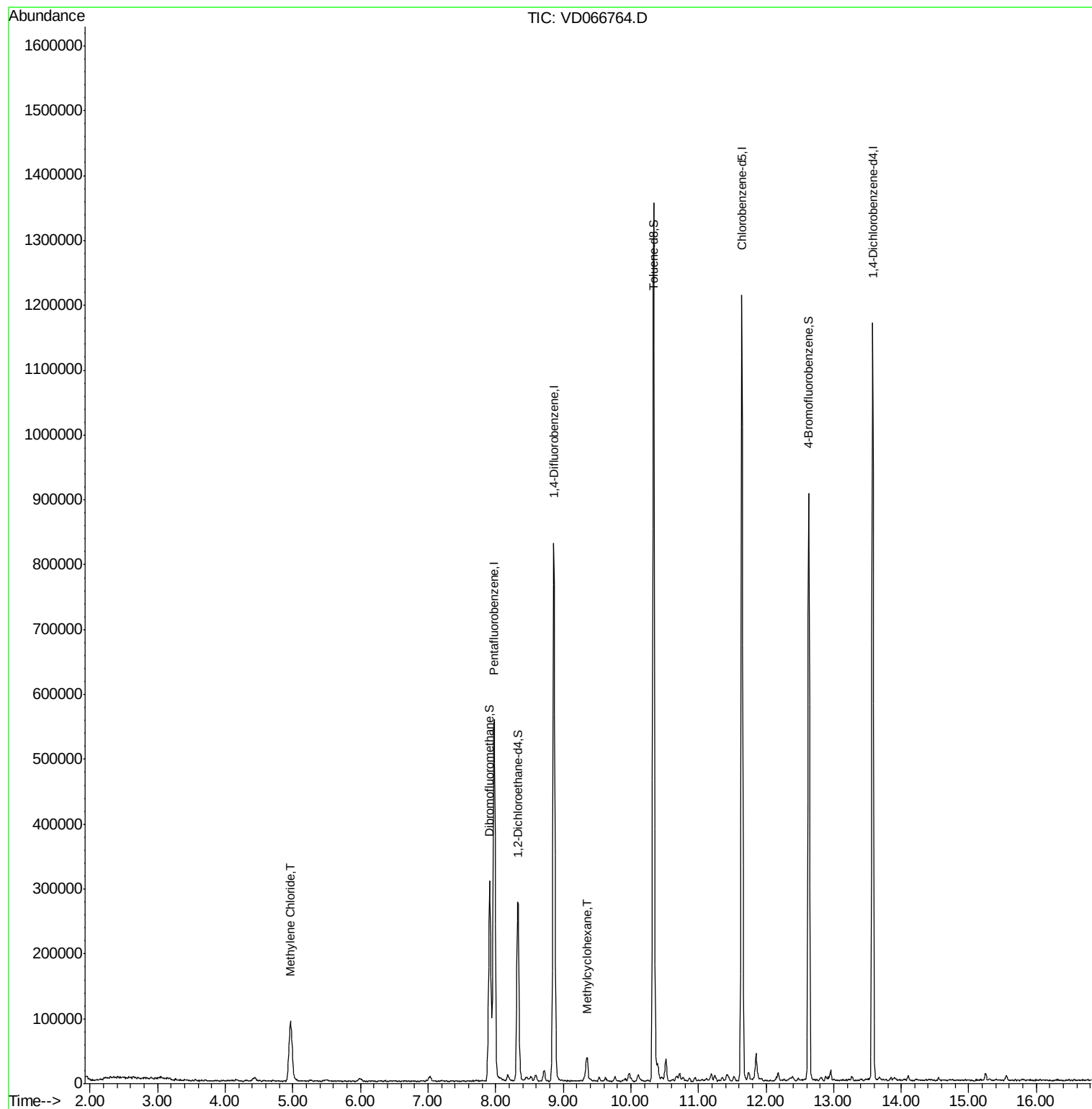
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	380654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	702004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	672102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	284516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	228327	56.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.44%	
35) Dibromofluoromethane	7.91	113	216161	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
50) Toluene-d8	10.34	98	857212	55.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.80%	
62) 4-Bromofluorobenzene	12.63	95	288004	54.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.82%	
Target Compounds						
20) Methylene Chloride	4.96	84	73950	10.873	ug/l	91
39) Methylcyclohexane	9.35	83	13295	1.610	ug/l #	84

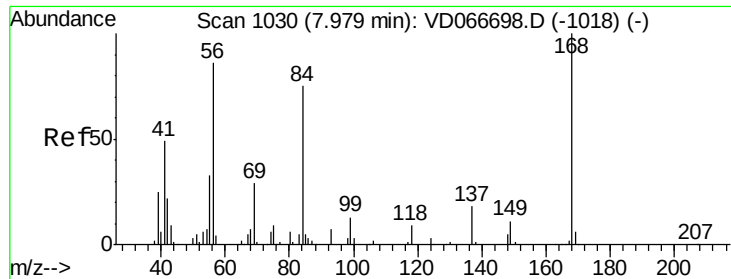
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066764.D

Acq: 18 Sep 2020 14:18

Instrument :

MSVOA_D

ClientSampleId :

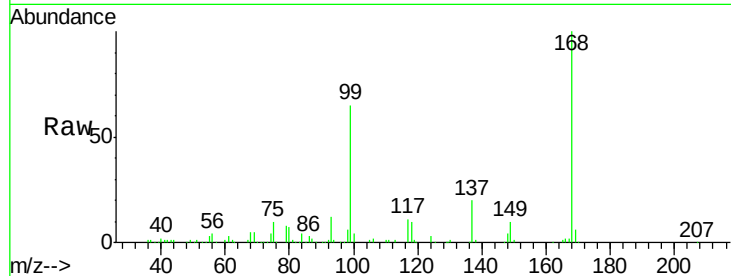
TR-08-091720

Tot Ion:168 Resp: 380654

Ion Ratio Lower Upper

168 100

99 64.7 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

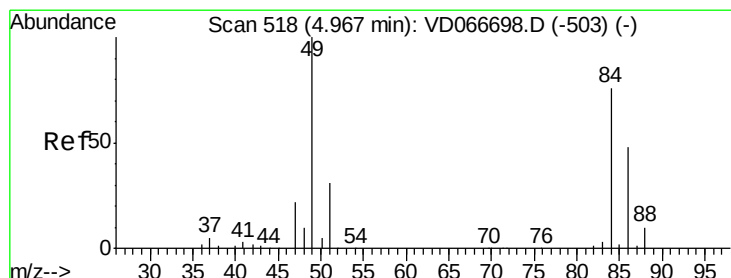
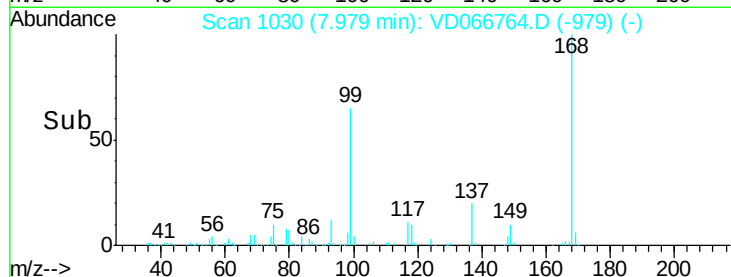
100000

50000

0

Time-->

7.90 8.00 8.10



#20

Methylene Chloride

Concen: 10.873 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066764.D

Acq: 18 Sep 2020 14:18

Tgt Ion: 84 Resp: 73950

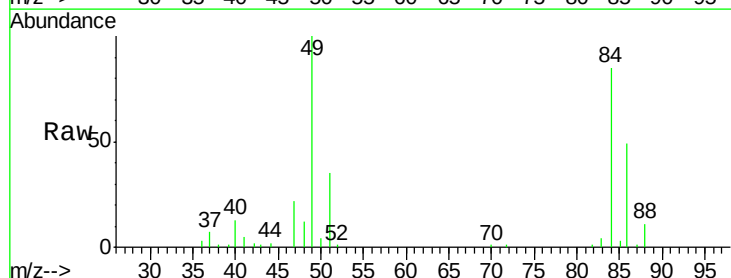
Ion Ratio Lower Upper

84 100

49 117.7 105.0 157.6

51 41.5 32.2 48.4

86 57.9 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

40000

30000

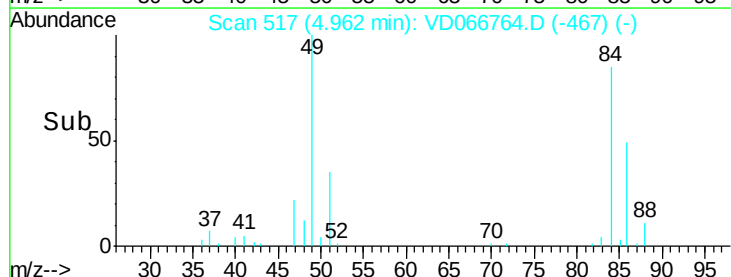
20000

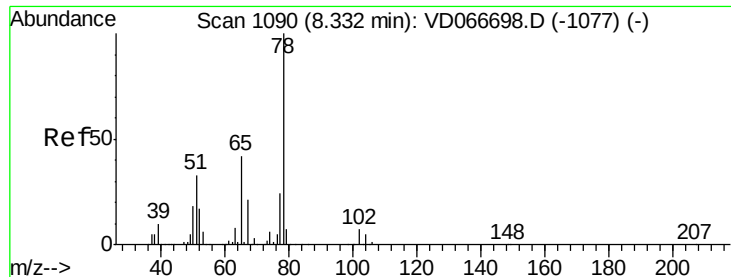
10000

0

Time-->

4.80 4.90 5.00 5.10

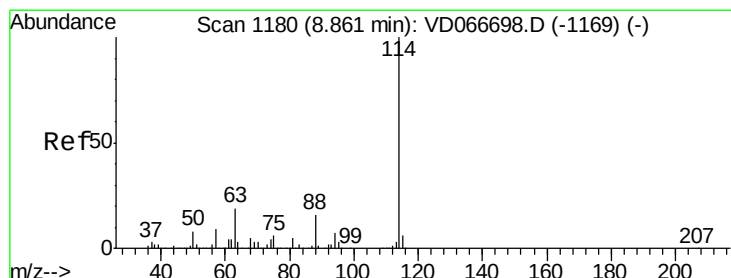
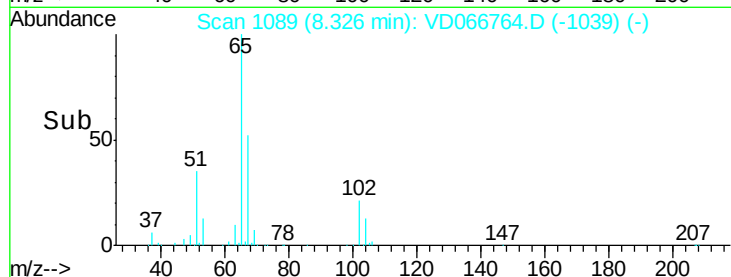
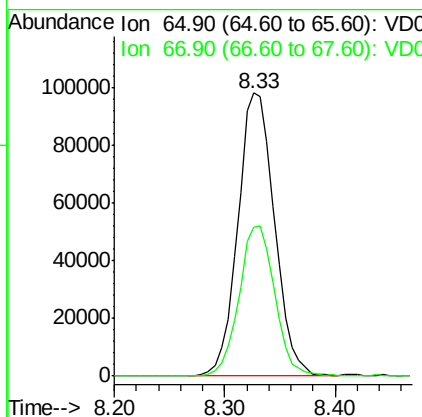
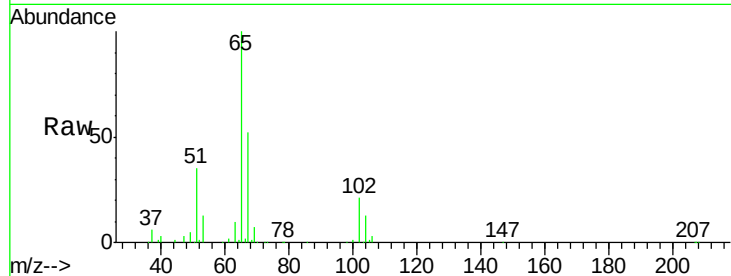




#33
 1,2-Dichloroethane-d4
 Concen: 56.220 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066764.D
 Acq: 18 Sep 2020 14:18

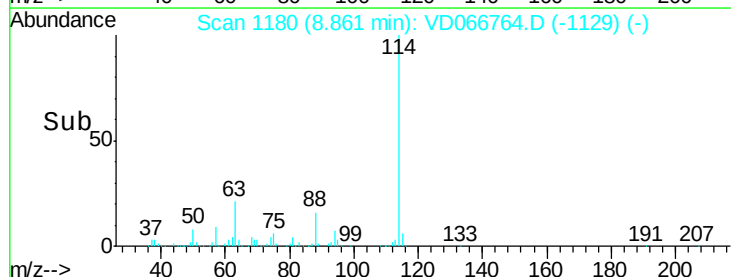
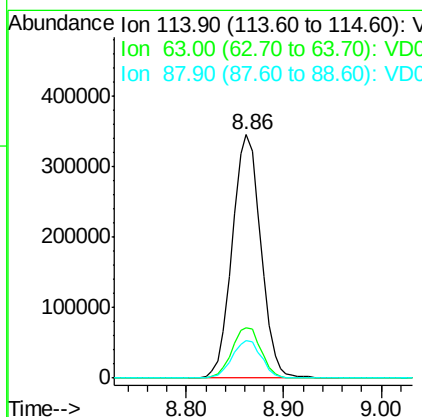
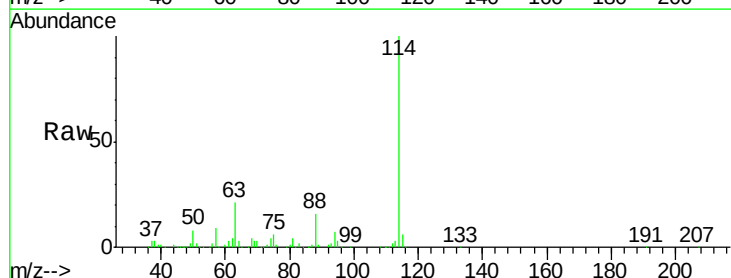
Instrument :
 MSVOA_D
 ClientSampleID :
 TR-08-091720

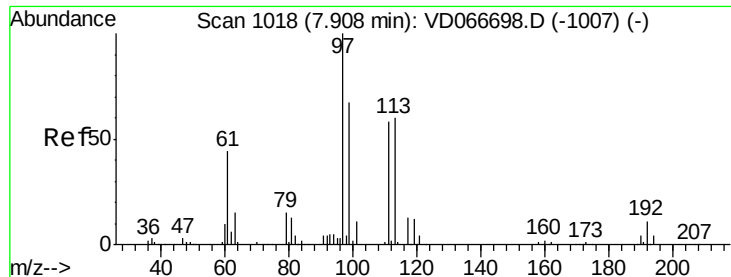
Tot Ion: 65 Resp: 228327
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066764.D
 Acq: 18 Sep 2020 14:18

Tgt Ion: 114 Resp: 702004
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 37.6
 88 15.6 0.0 32.2

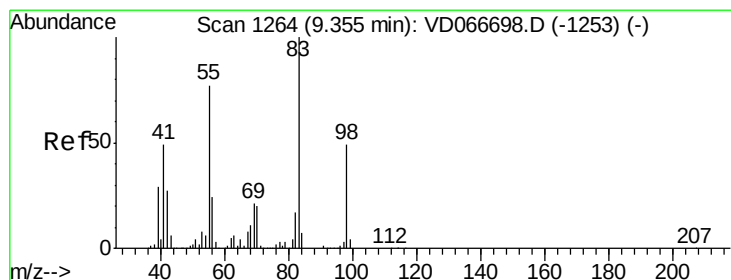
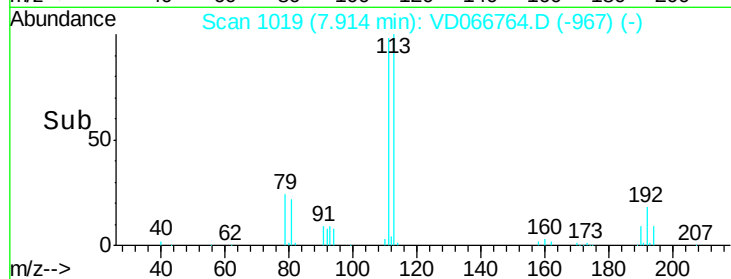
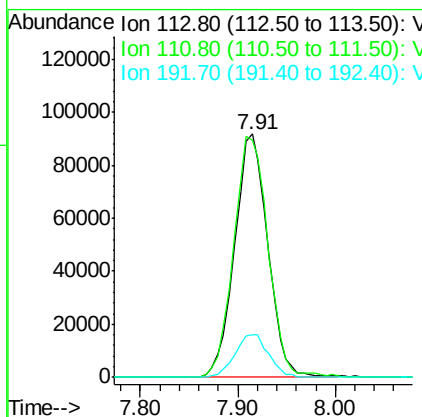
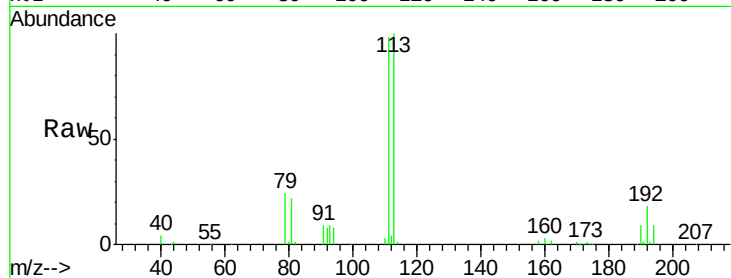




#35
Dibromofluoromethane
Concen: 50.224 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066764.D
Acq: 18 Sep 2020 14:18

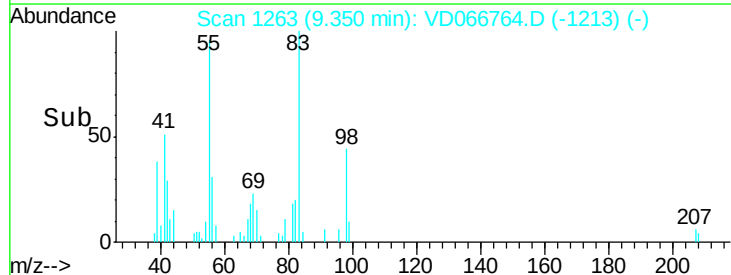
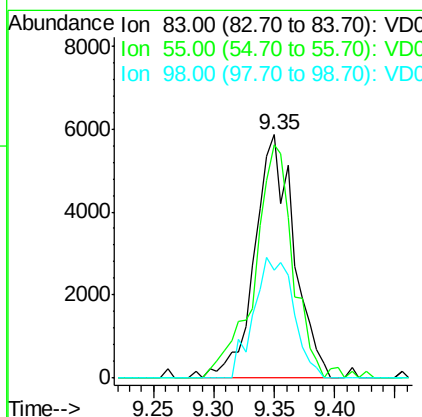
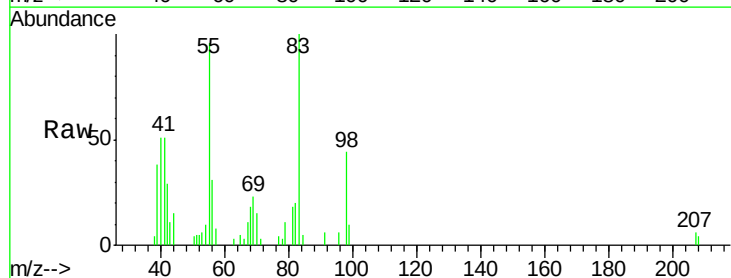
Instrument :
MSVOA_D
ClientSampleId :
TR-08-091720

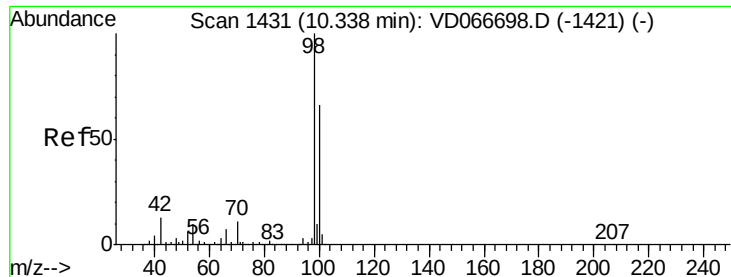
Tot Ion:113 Resp: 216161
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 17.8 14.8 22.2



#39
Methylcyclohexane
Concen: 1.610 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066764.D
Acq: 18 Sep 2020 14:18

Tgt Ion: 83 Resp: 13295
Ion Ratio Lower Upper
83 100
55 96.1 61.5 92.3#
98 44.2 39.3 58.9





#50

Toluene-d8

Concen: 55.903 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066764.D

Acq: 18 Sep 2020 14:18

Instrument :

MSVOA_D

ClientSampleId :

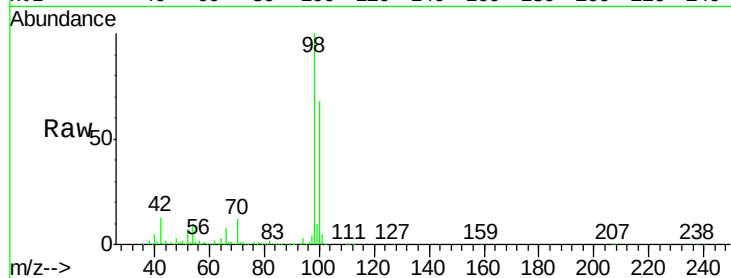
TR-08-091720

Tot Ion: 98 Resp: 857212

Ion Ratio Lower Upper

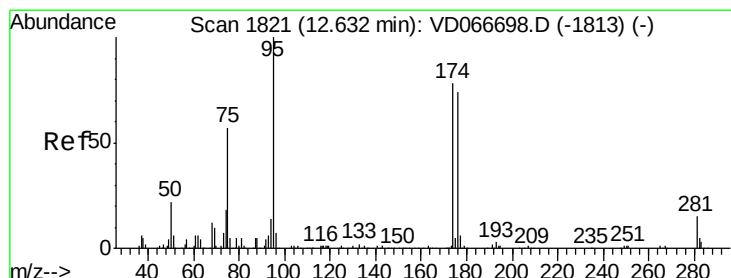
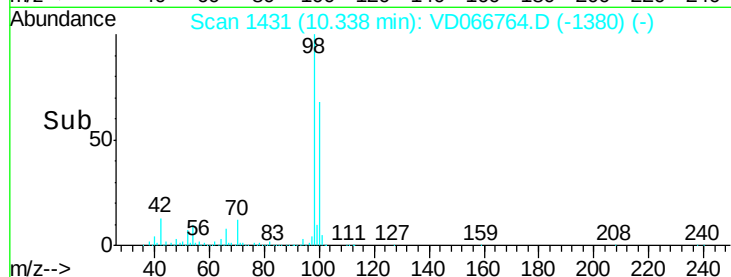
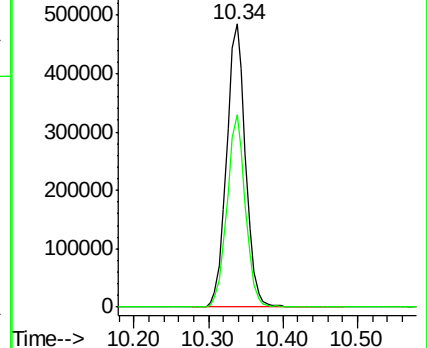
98 100

100 66.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 54.411 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066764.D

Acq: 18 Sep 2020 14:18

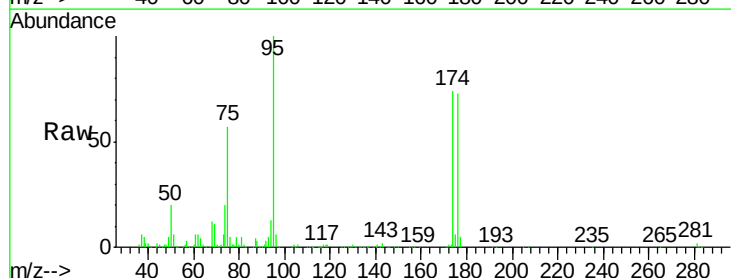
Tgt Ion: 95 Resp: 288004

Ion Ratio Lower Upper

95 100

174 77.0 0.0 156.6

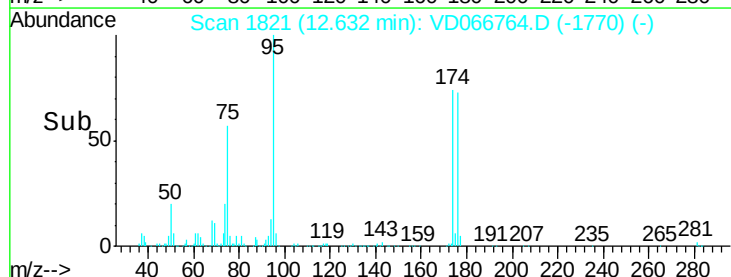
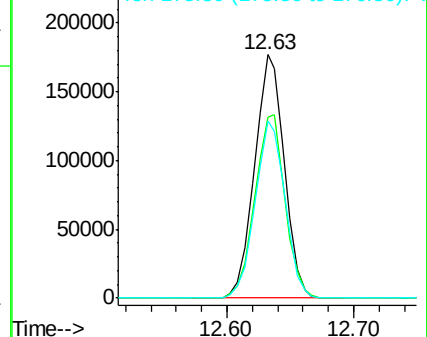
176 73.5 0.0 150.2

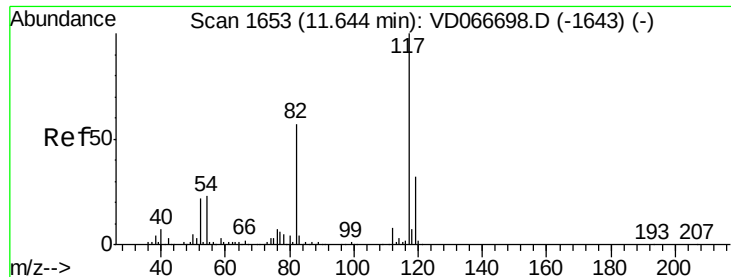


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

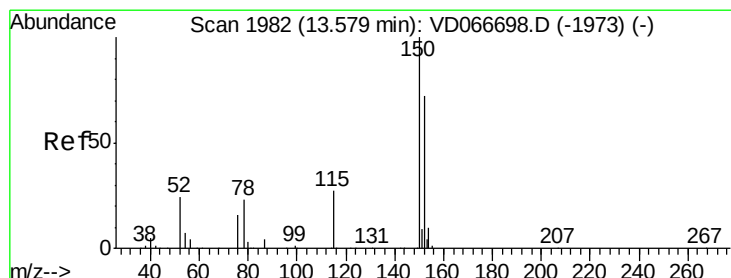
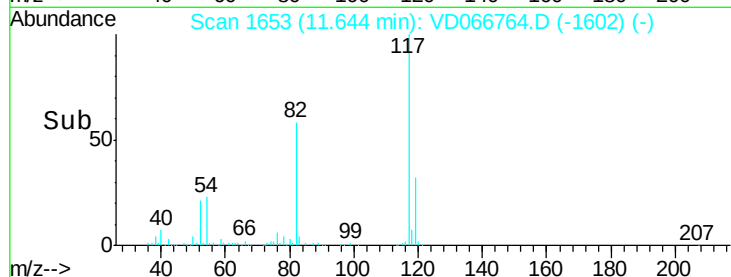
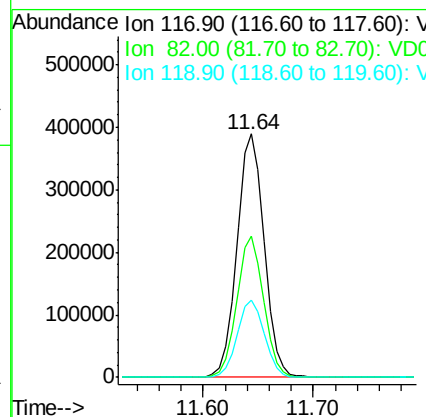
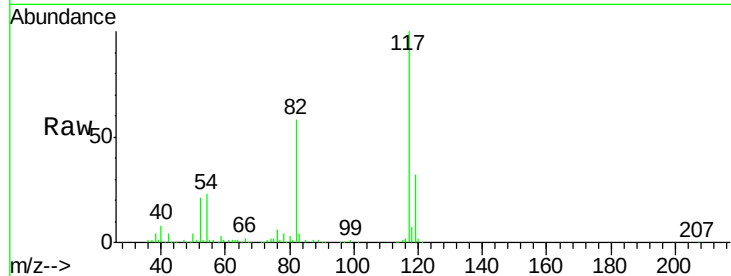




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066764.D
Acq: 18 Sep 2020 14:18

Instrument :
MSVOA_D
ClientSampleId :
TR-08-091720

Tot Ion:117 Resp: 672102
Ion Ratio Lower Upper
117 100
82 57.7 45.4 68.0
119 31.8 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: VD066764.D
Acq: 18 Sep 2020 14:18

Tgt Ion:152 Resp: 284516
Ion Ratio Lower Upper
152 100
115 62.7 30.5 91.5
150 159.7 0.0 344.6

