

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066793.D
 Acq On : 21 Sep 2020 20:00
 Operator : VA/SY
 Sample : L4059-01
 Misc : 6.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B33-091720-0-1

Quant Time: Sep 22 01:39:13 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

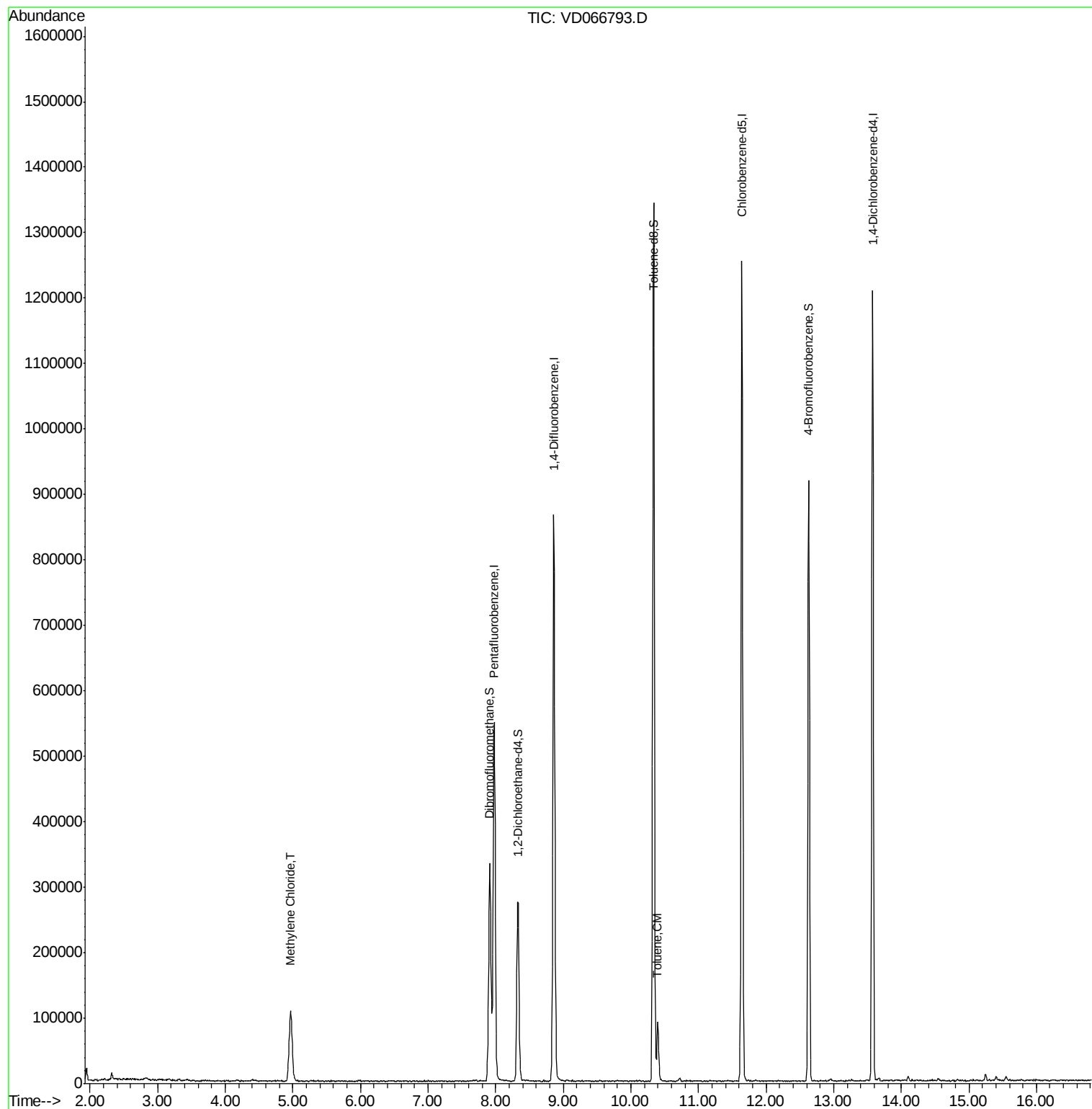
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	388522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	729367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	705946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	303241	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	224543	54.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.34%	
35) Dibromofluoromethane	7.91	113	239798	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.26%	
50) Toluene-d8	10.34	98	887260	55.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.38%	
62) 4-Bromofluorobenzene	12.63	95	297482	54.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.18%	
Target Compounds						
20) Methylene Chloride	4.97	84	84854	13.295	ug/l	84
52) Toluene	10.40	92	35591	2.738	ug/l	98

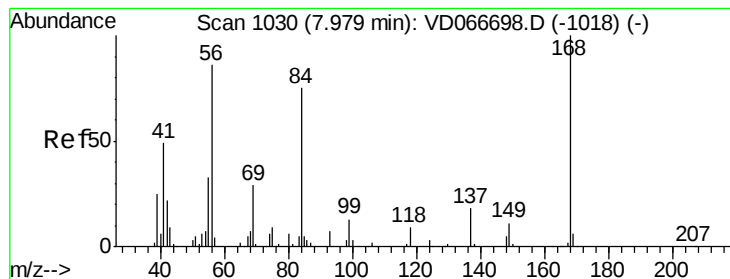
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066793.D

Acq: 21 Sep 2020 20:00

Instrument :

MSVOA_D

ClientSampleId :

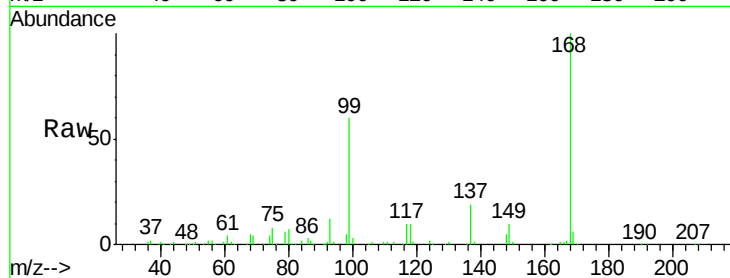
PAV-B33-091720-0-1

Tot Ion:168 Resp: 388522

Ion Ratio Lower Upper

168 100

99 59.5 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

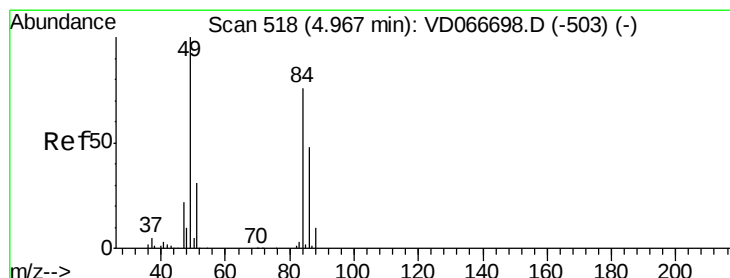
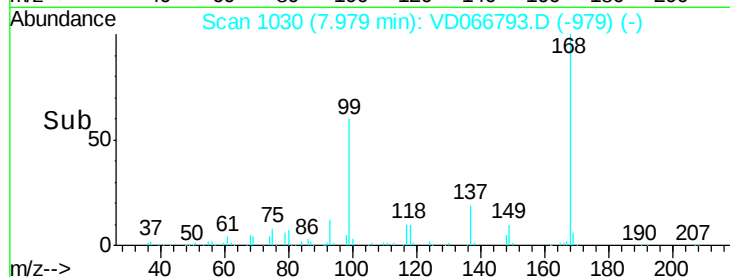
100000

50000

0

7.90 8.00 8.10

Time-->



#20

Methylene Chloride

Concen: 13.295 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD066793.D

Acq: 21 Sep 2020 20:00

Tgt Ion: 84 Resp: 84854

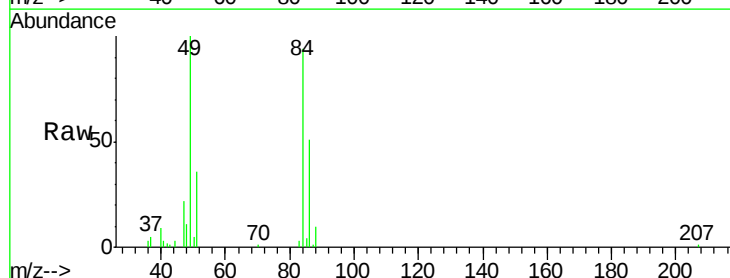
Ion Ratio Lower Upper

84 100

49 106.2 105.0 157.6

51 38.2 32.2 48.4

86 54.0 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

50000

40000

30000

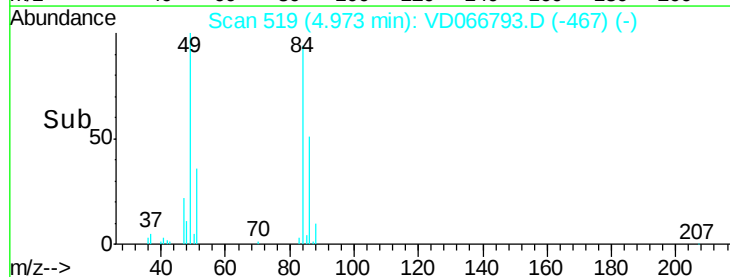
20000

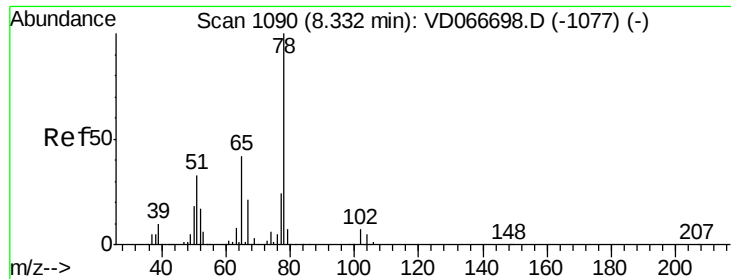
10000

0

4.90 5.00 5.10

Time-->

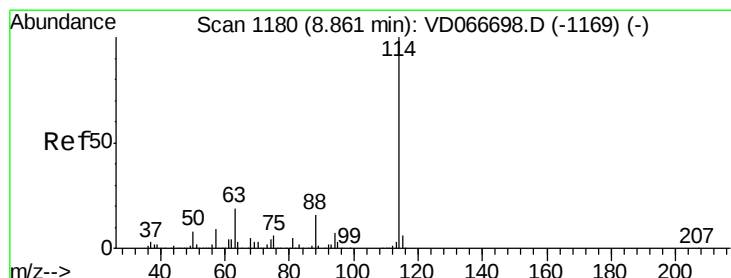
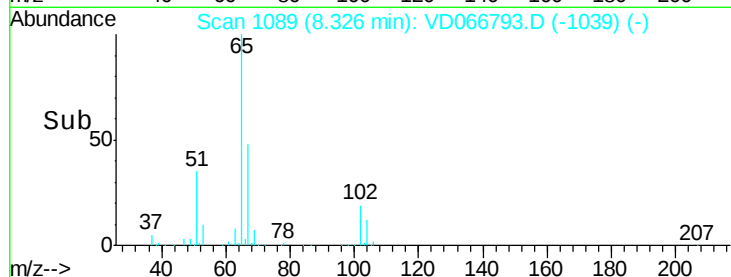
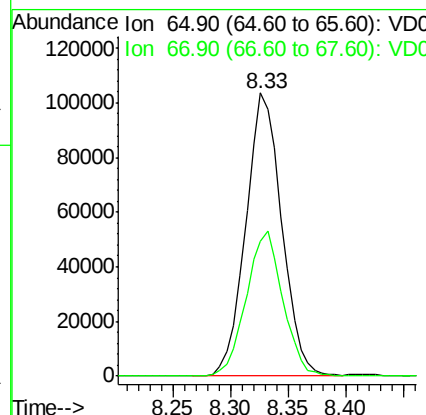
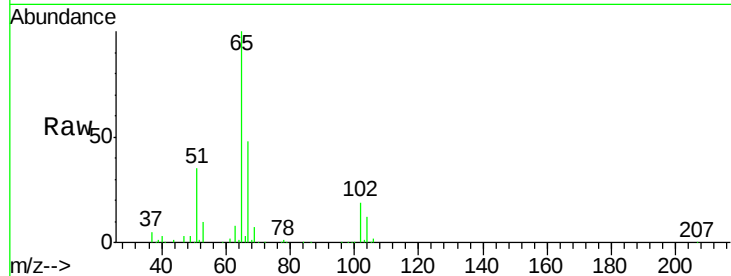




#33
 1,2-Dichloroethane-d4
 Concen: 54.168 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066793.D
 Acq: 21 Sep 2020 20:00

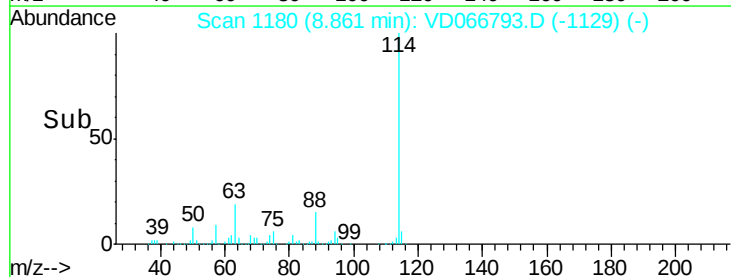
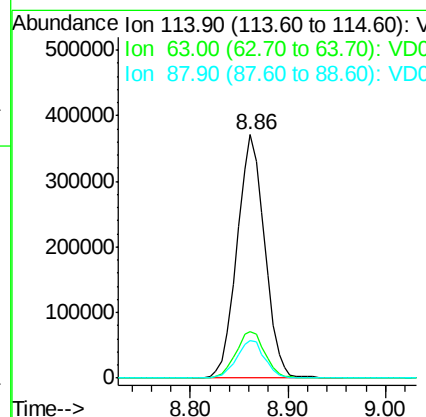
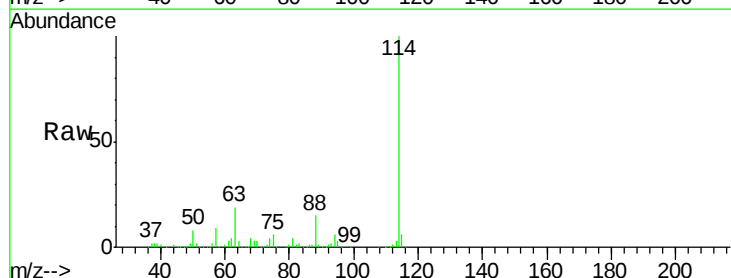
Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B33-091720-0-1

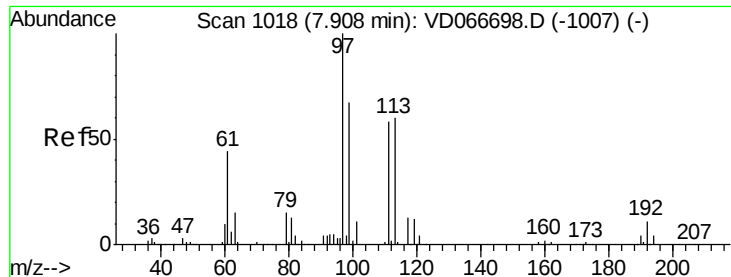
Tot Ion: 65 Resp: 224543
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066793.D
 Acq: 21 Sep 2020 20:00

Tgt Ion: 114 Resp: 729367
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.6
 88 15.5 0.0 32.2

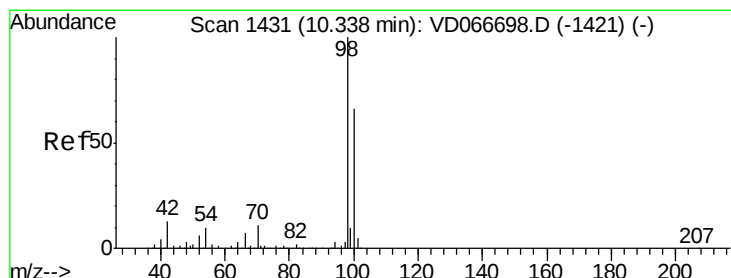
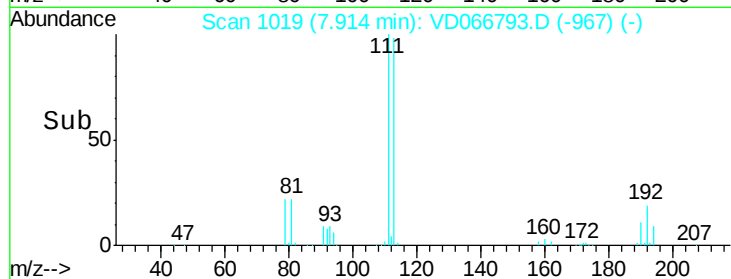
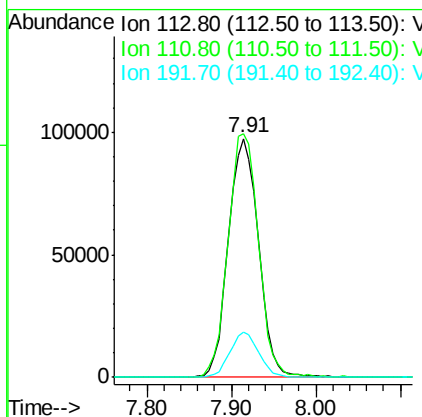
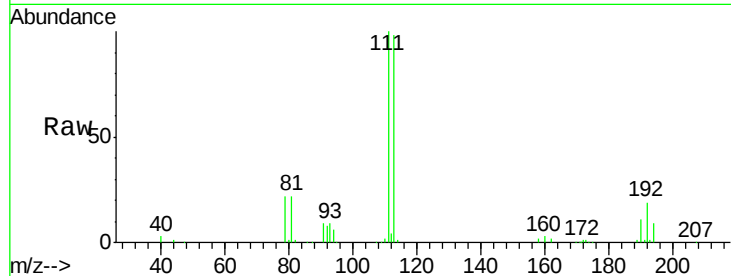




#35
Dibromofluoromethane
Concen: 53.625 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066793.D
Acq: 21 Sep 2020 20:00

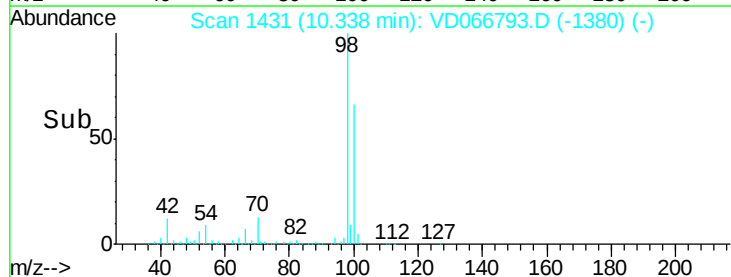
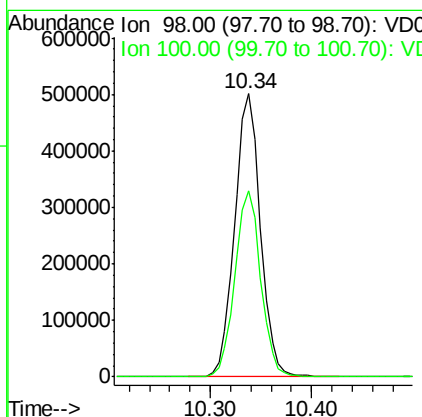
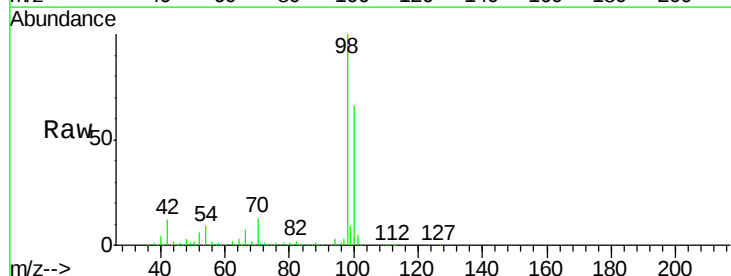
Instrument :
MSVOA_D
ClientSampleId :
PAV-B33-091720-0-1

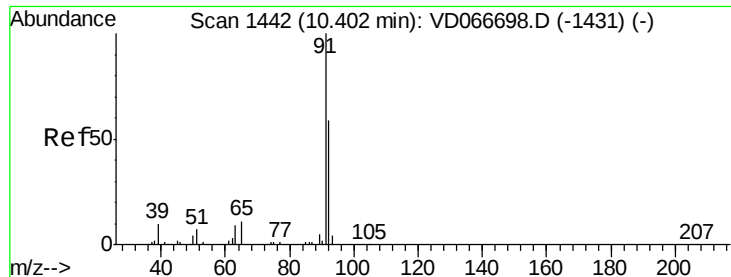
Tot Ion:113 Resp: 239798
Ion Ratio Lower Upper
113 100
111 102.9 83.2 124.8
192 18.0 14.8 22.2



#50
Toluene-d8
Concen: 55.692 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066793.D
Acq: 21 Sep 2020 20:00

Tgt Ion: 98 Resp: 887260
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1





#52

Toluene

Concen: 2.738 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066793.D

Acq: 21 Sep 2020 20:00

Instrument :

MSVOA_D

ClientSampleId :

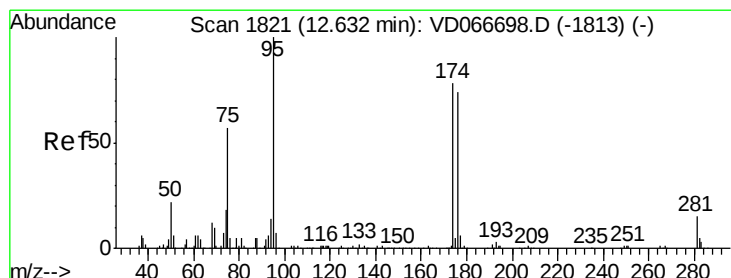
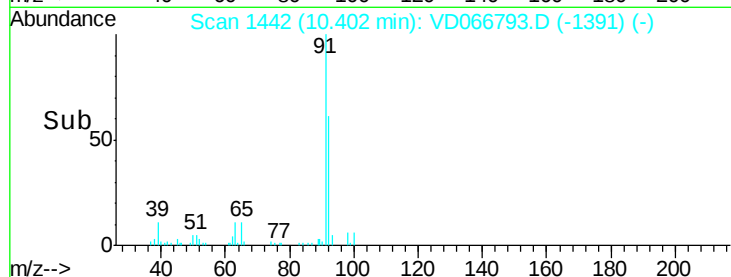
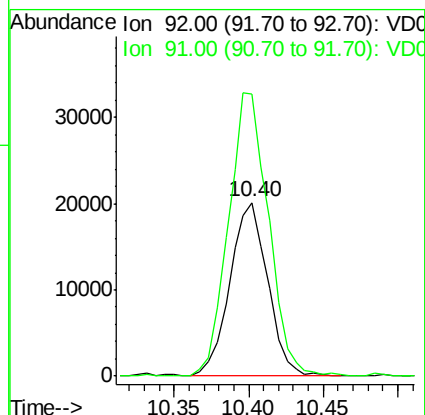
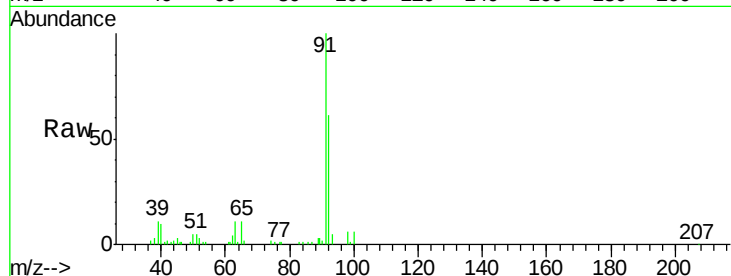
PAV-B33-091720-0-1

Tot Ion: 92 Resp: 35591

Ion Ratio Lower Upper

92 100

91 172.2 135.8 203.8



#62

4-Bromofluorobenzene

Concen: 54.094 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066793.D

Acq: 21 Sep 2020 20:00

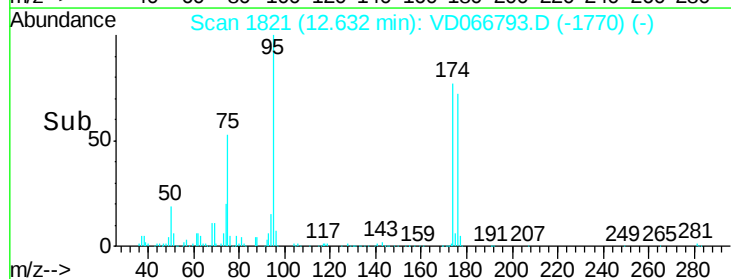
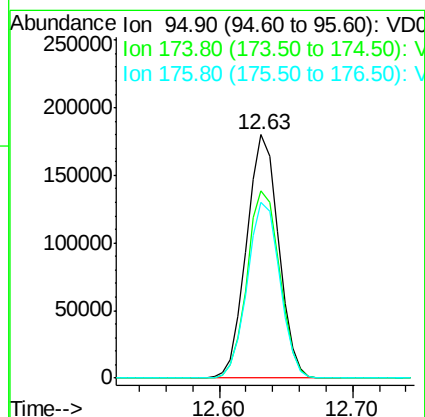
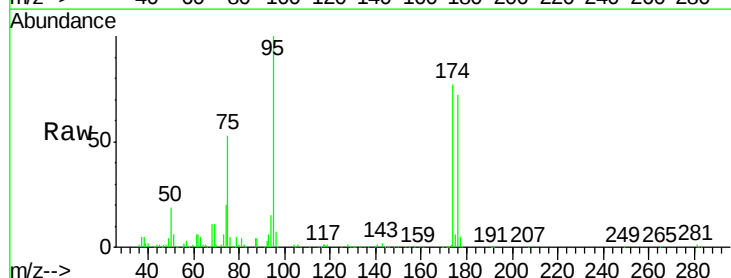
Tgt Ion: 95 Resp: 297482

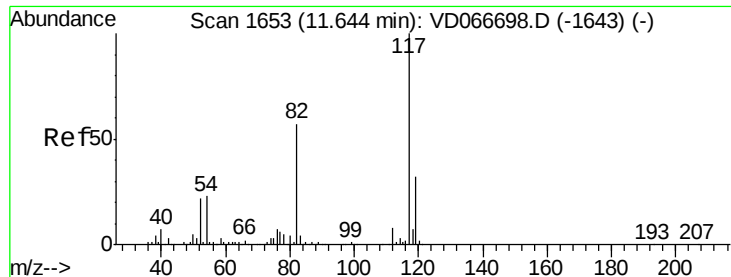
Ion Ratio Lower Upper

95 100

174 78.3 0.0 156.6

176 73.4 0.0 150.2

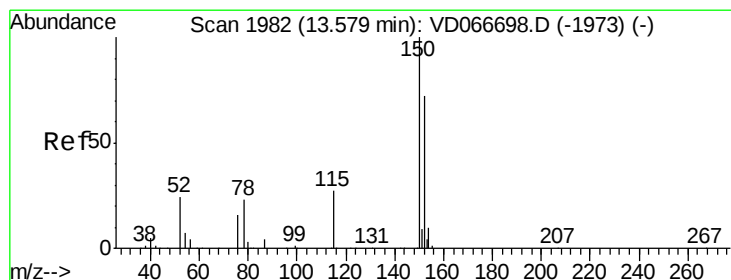
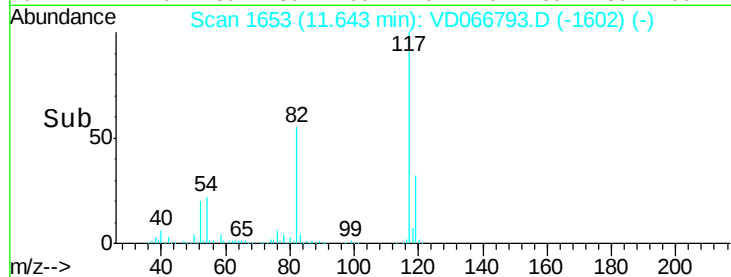
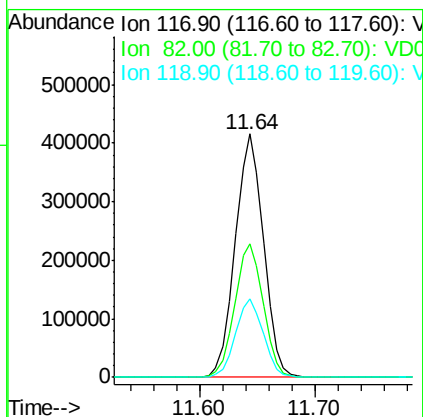
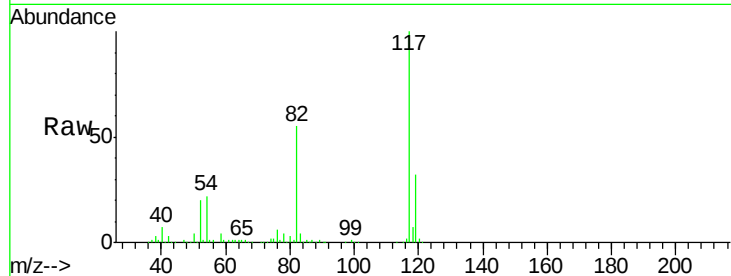




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066793.D
Acq: 21 Sep 2020 20:00

Instrument :
MSVOA_D
ClientSampleId :
PAV-B33-091720-0-1

Tot Ion:117 Resp: 705946
Ion Ratio Lower Upper
117 100
82 54.8 45.4 68.0
119 32.5 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: VD066793.D
Acq: 21 Sep 2020 20:00

Tgt Ion:152 Resp: 303241
Ion Ratio Lower Upper
152 100
115 61.1 30.5 91.5
150 158.5 0.0 344.6

