

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066796.D
 Acq On : 21 Sep 2020 21:22
 Operator : VA/SY
 Sample : L4104-05
 Misc : 5.21G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-092120-DP

Quant Time: Sep 22 01:45:50 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

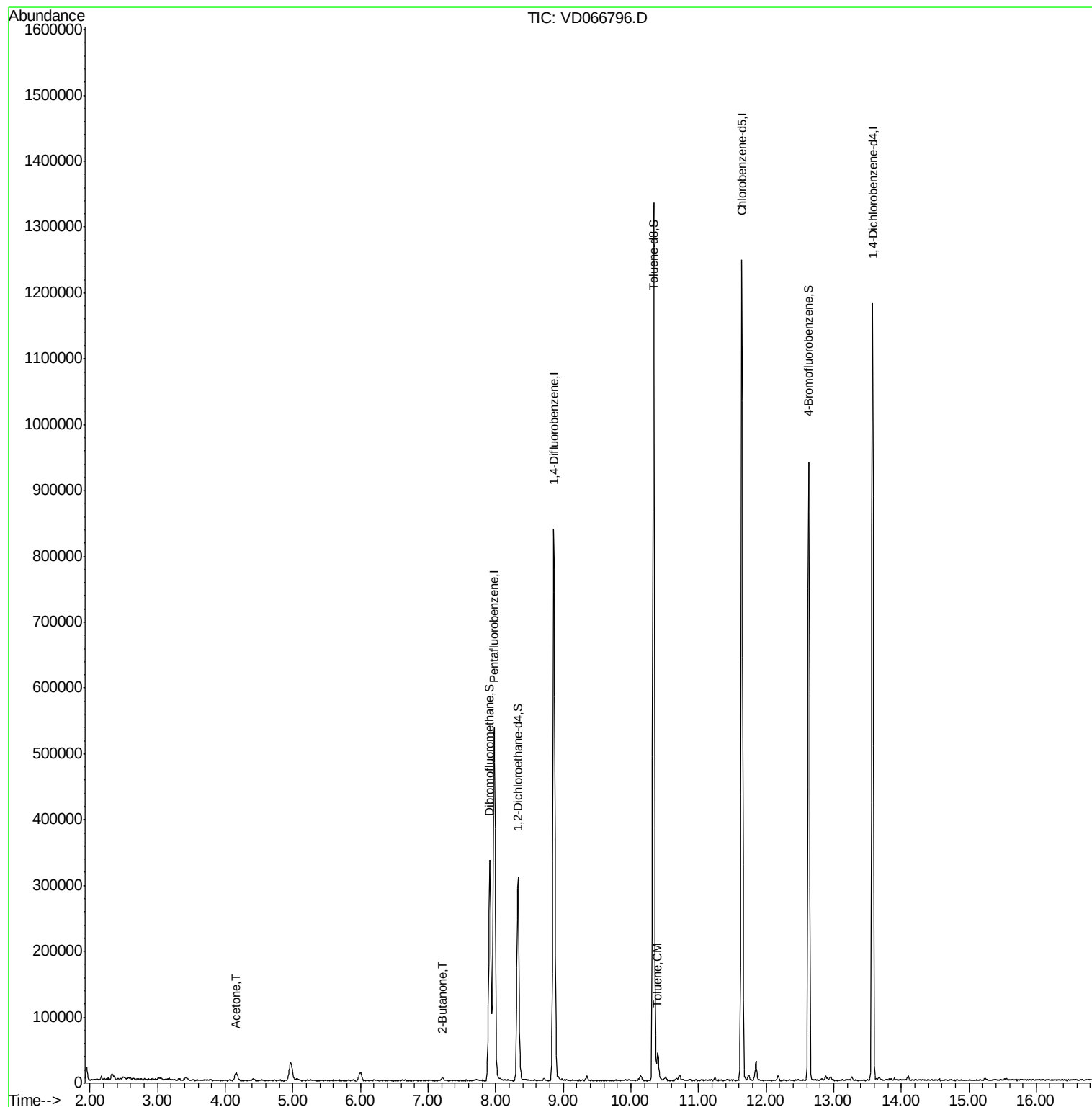
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	383820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	724538	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	712215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	307985	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	243367	59.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.86%	
35) Dibromofluoromethane	7.91	113	244525	55.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.10%	
50) Toluene-d8	10.34	98	884847	55.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.82%	
62) 4-Bromofluorobenzene	12.63	95	300043	54.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.84%	
Target Compounds						
16) Acetone	4.16	43	23111	27.713	ug/l	97
25) 2-Butanone	7.21	43	6788	6.251	ug/l	96
52) Toluene	10.40	92	16174	1.253	ug/l	98

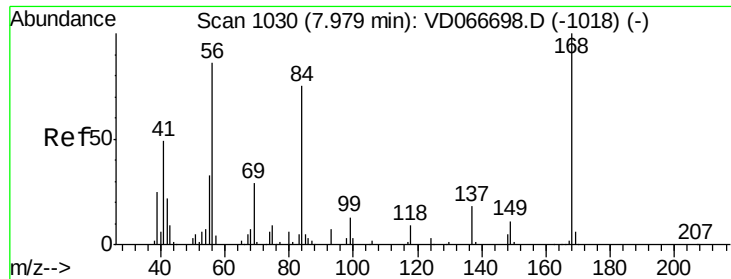
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

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ClientSampleId :

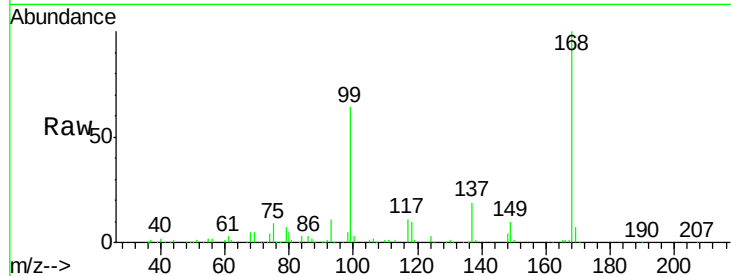
PAV-092120-DP

Tot Ion:168 Resp: 383820

Ion Ratio Lower Upper

168 100

99 63.8 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

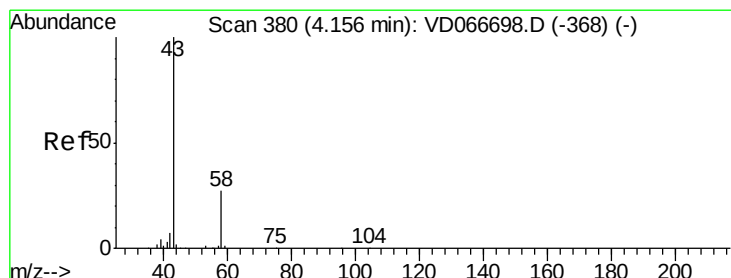
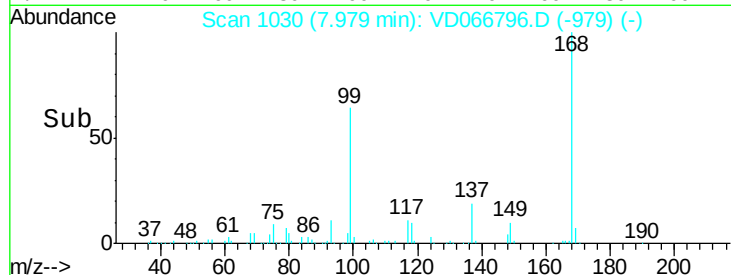
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 27.713 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066796.D

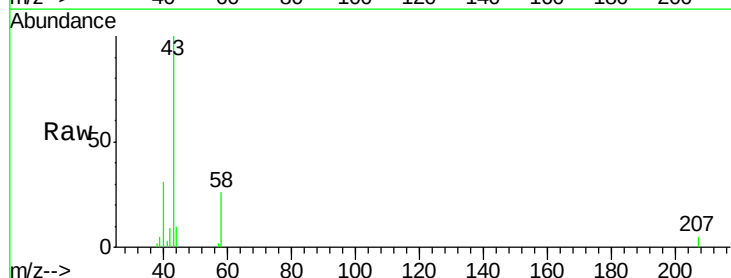
Acq: 21 Sep 2020 21:22

Tgt Ion: 43 Resp: 23111

Ion Ratio Lower Upper

43 100

58 25.7 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

8000

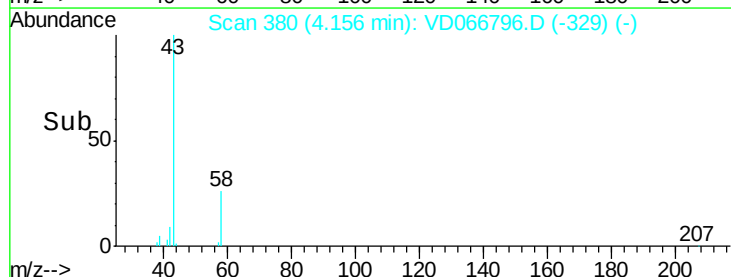
6000

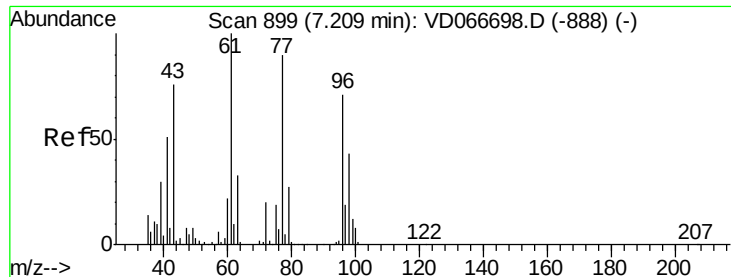
4000

2000

0

Time-->

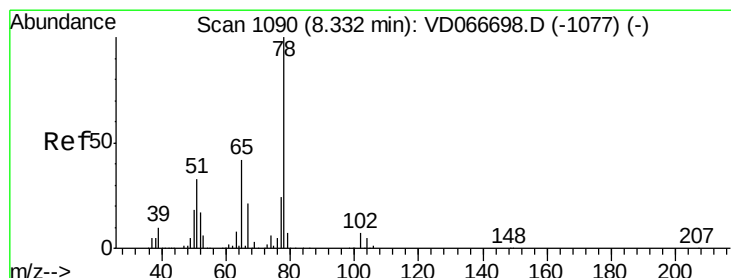
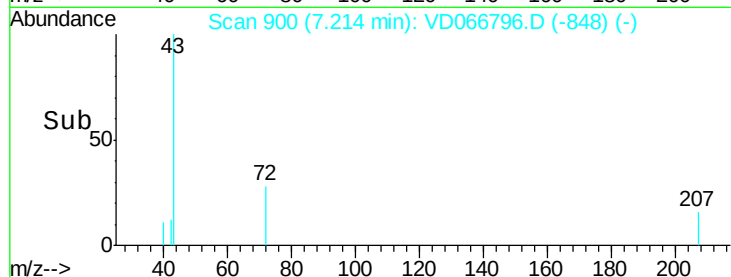
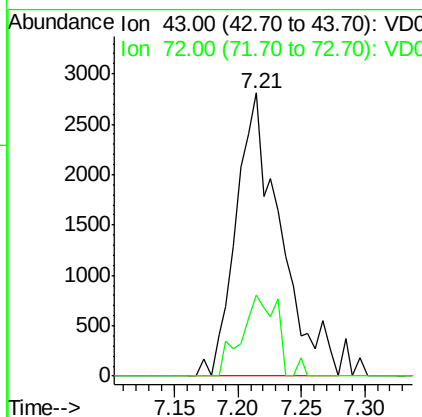
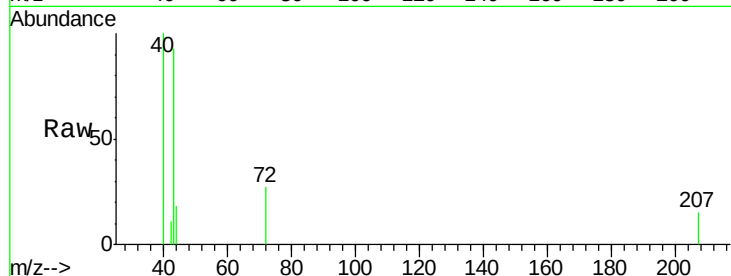




#25
2-Butanone
Concen: 6.251 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066796.D
Acq: 21 Sep 2020 21:22

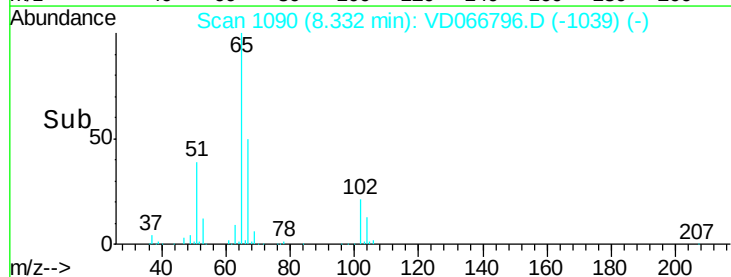
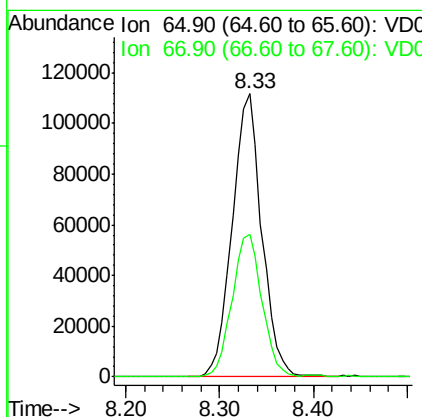
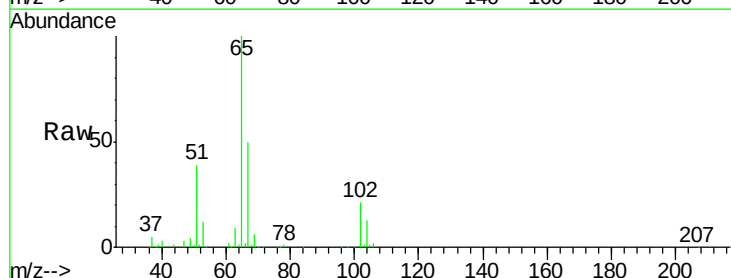
Instrument :
MSVOA_D
ClientSampleId :
PAV-092120-DP

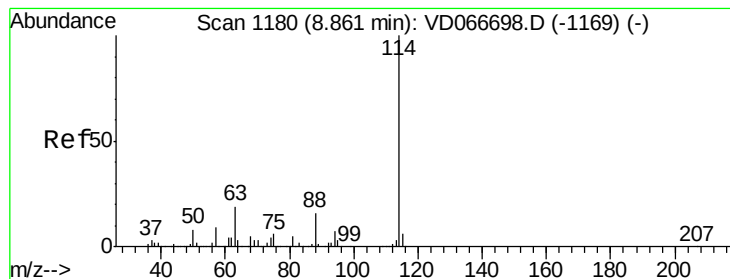
Tot Ion: 43 Resp: 6788
Ion Ratio Lower Upper
43 100
72 28.5 21.0 31.4



#33
1,2-Dichloroethane-d4
Concen: 59.428 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD066796.D
Acq: 21 Sep 2020 21:22

Tgt Ion: 65 Resp: 243367
Ion Ratio Lower Upper
65 100
67 50.9 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: VD066796.D

Acq: 21 Sep 2020 21:22

Instrument :

MSVOA_D

ClientSampleId :

PAV-092120-DP

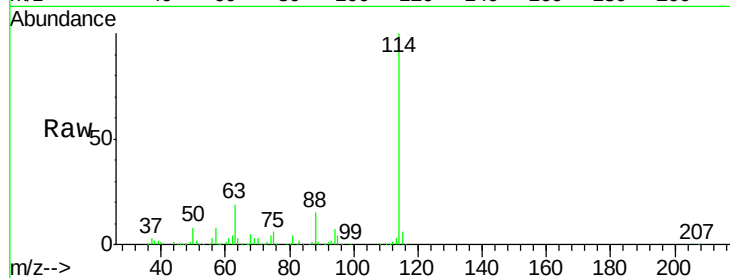
Tot Ion:114 Resp: 724538

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.6

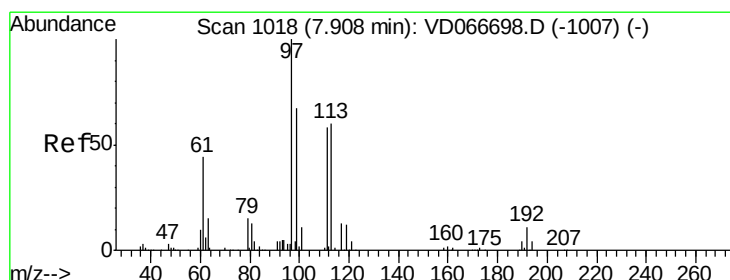
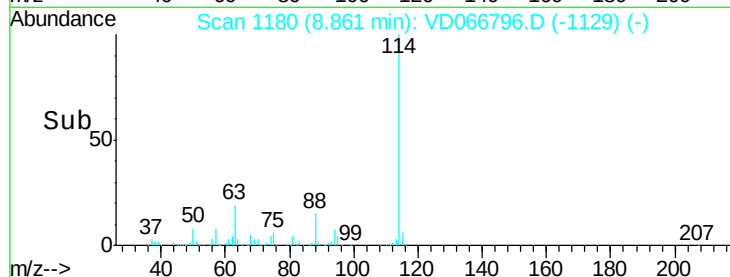
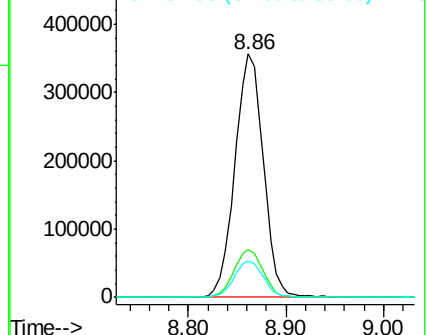
88 14.9 0.0 32.2



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: 55.047 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066796.D

Acq: 21 Sep 2020 21:22

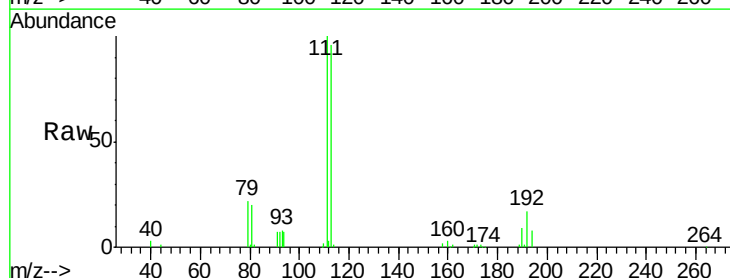
Tgt Ion:113 Resp: 244525

Ion Ratio Lower Upper

113 100

111 102.8 83.2 124.8

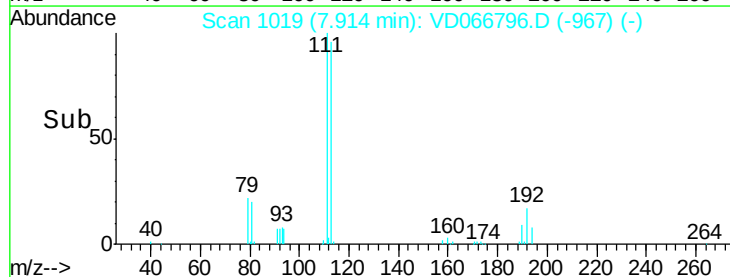
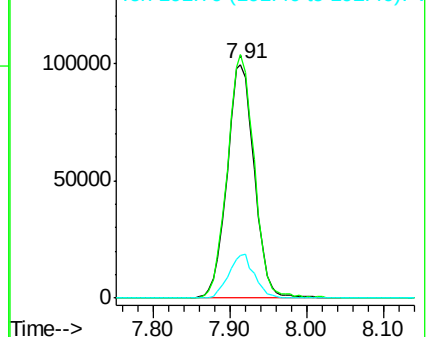
192 17.7 14.8 22.2

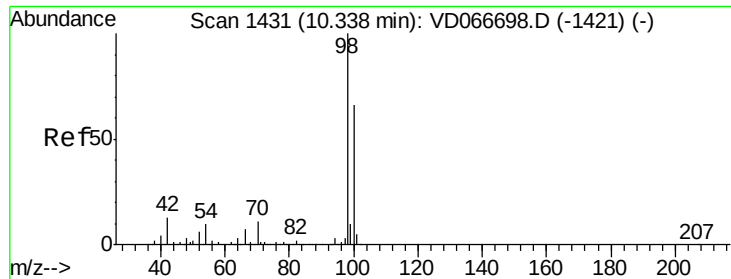


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

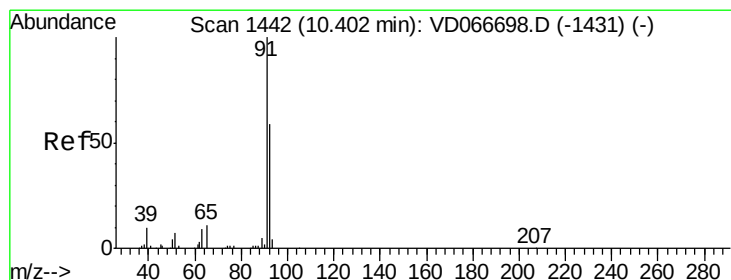
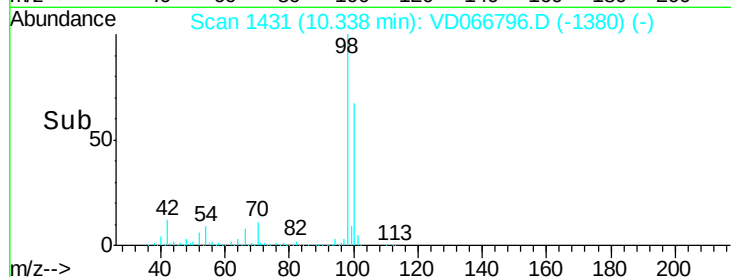
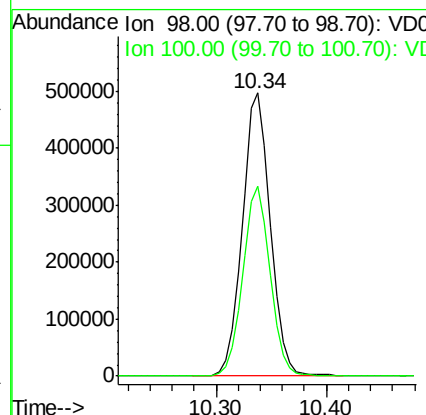
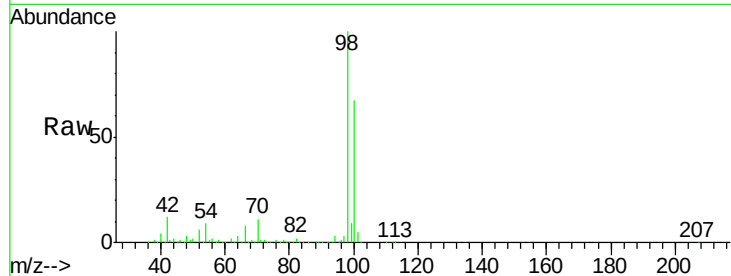




#50
Toluene-d8
Concen: 55.910 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066796.D
Acq: 21 Sep 2020 21:22

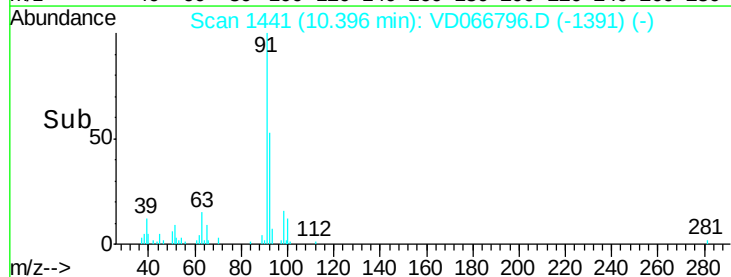
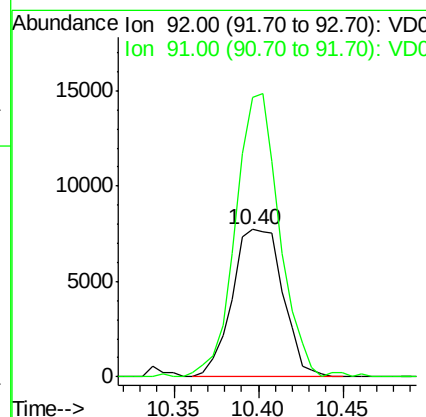
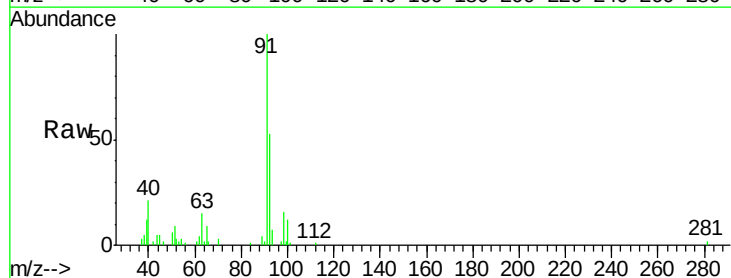
Instrument :
MSVOA_D
ClientSampleId :
PAV-092120-DP

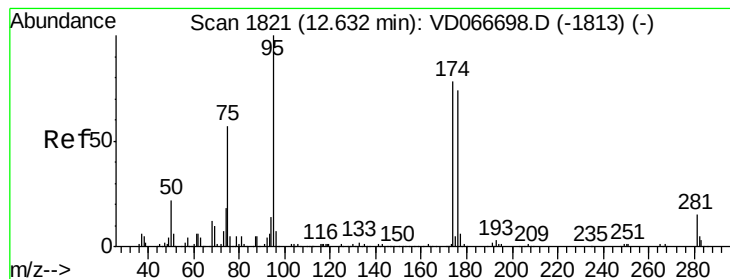
Tot Ion: 98 Resp: 884847
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1



#52
Toluene
Concen: 1.253 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066796.D
Acq: 21 Sep 2020 21:22

Tgt Ion: 92 Resp: 16174
Ion Ratio Lower Upper
92 100
91 167.1 135.8 203.8





#62

4-Bromofluorobenzene

Concen: 54.923 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066796.D

Acq: 21 Sep 2020 21:22

Instrument :

MSVOA_D

ClientSampleId :

PAV-092120-DP

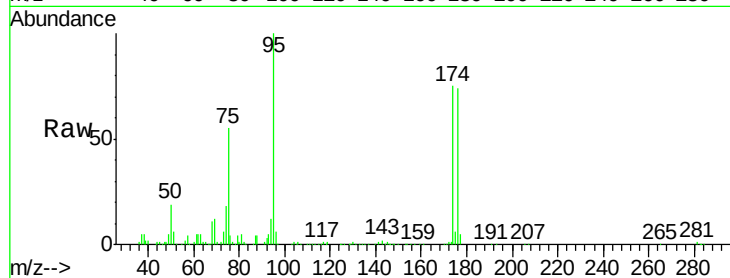
Tot Ion: 95 Resp: 300043

Ion Ratio Lower Upper

95 100

174 78.3 0.0 156.6

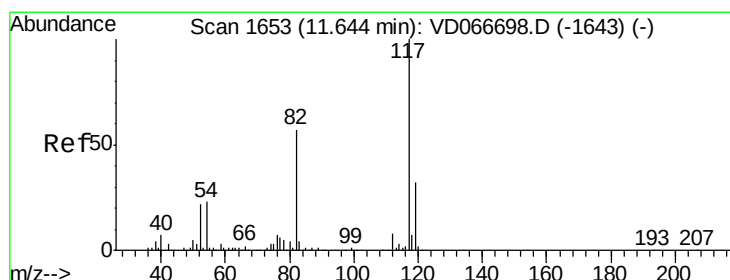
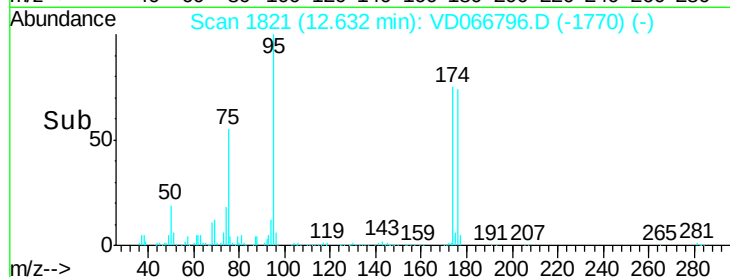
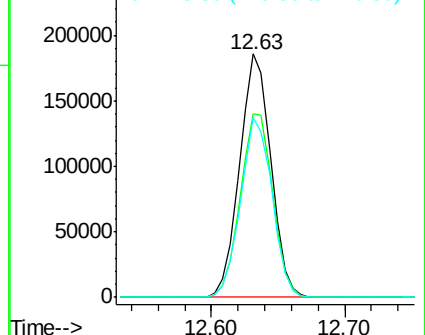
176 74.2 0.0 150.2



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: VD066796.D

Acq: 21 Sep 2020 21:22

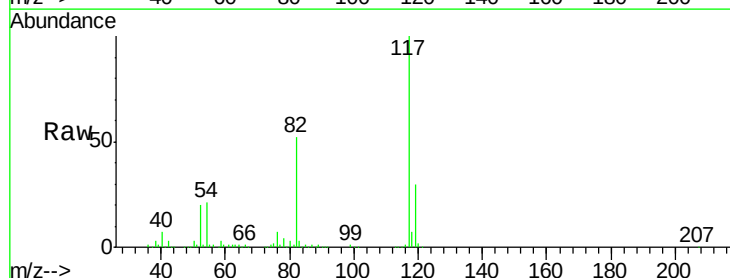
Tgt Ion: 117 Resp: 712215

Ion Ratio Lower Upper

117 100

82 52.2 45.4 68.0

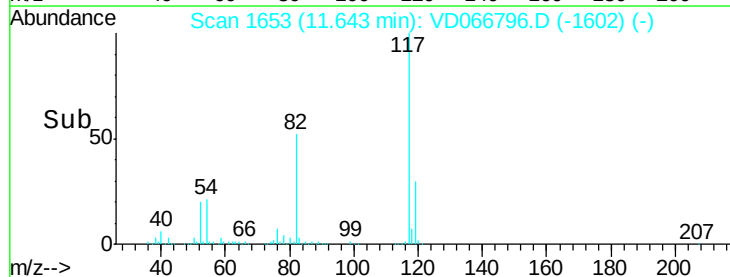
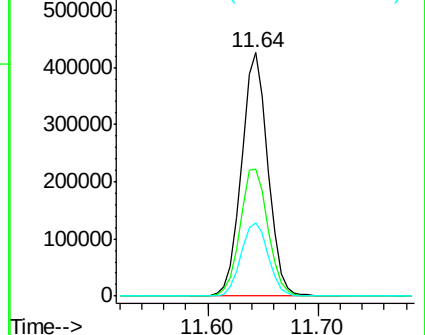
119 29.9 25.8 38.6

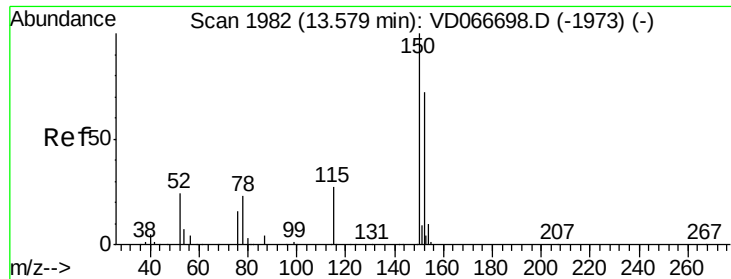


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD066796.D

Acq: 21 Sep 2020 21:22

Instrument :

MSVOA_D

ClientSampleId :

PAV-092120-DP

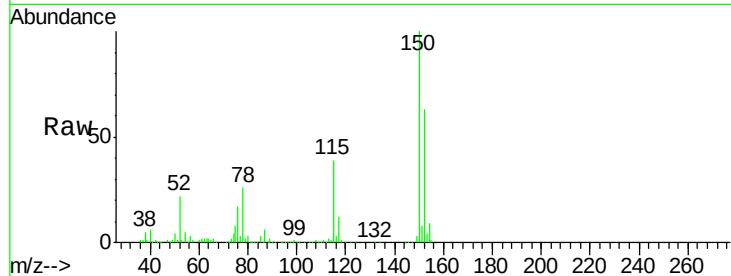
Tot Ion:152 Resp: 307985

Ion Ratio Lower Upper

152 100

115 61.6 30.5 91.5

150 156.8 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

