

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091620\
 Data File : VD066730.D
 Acq On : 16 Sep 2020 20:06
 Operator : VA/SY
 Sample : L4038-01
 Misc : 7.15G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B36-091620-0-1

Quant Time: Sep 17 01:36:47 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

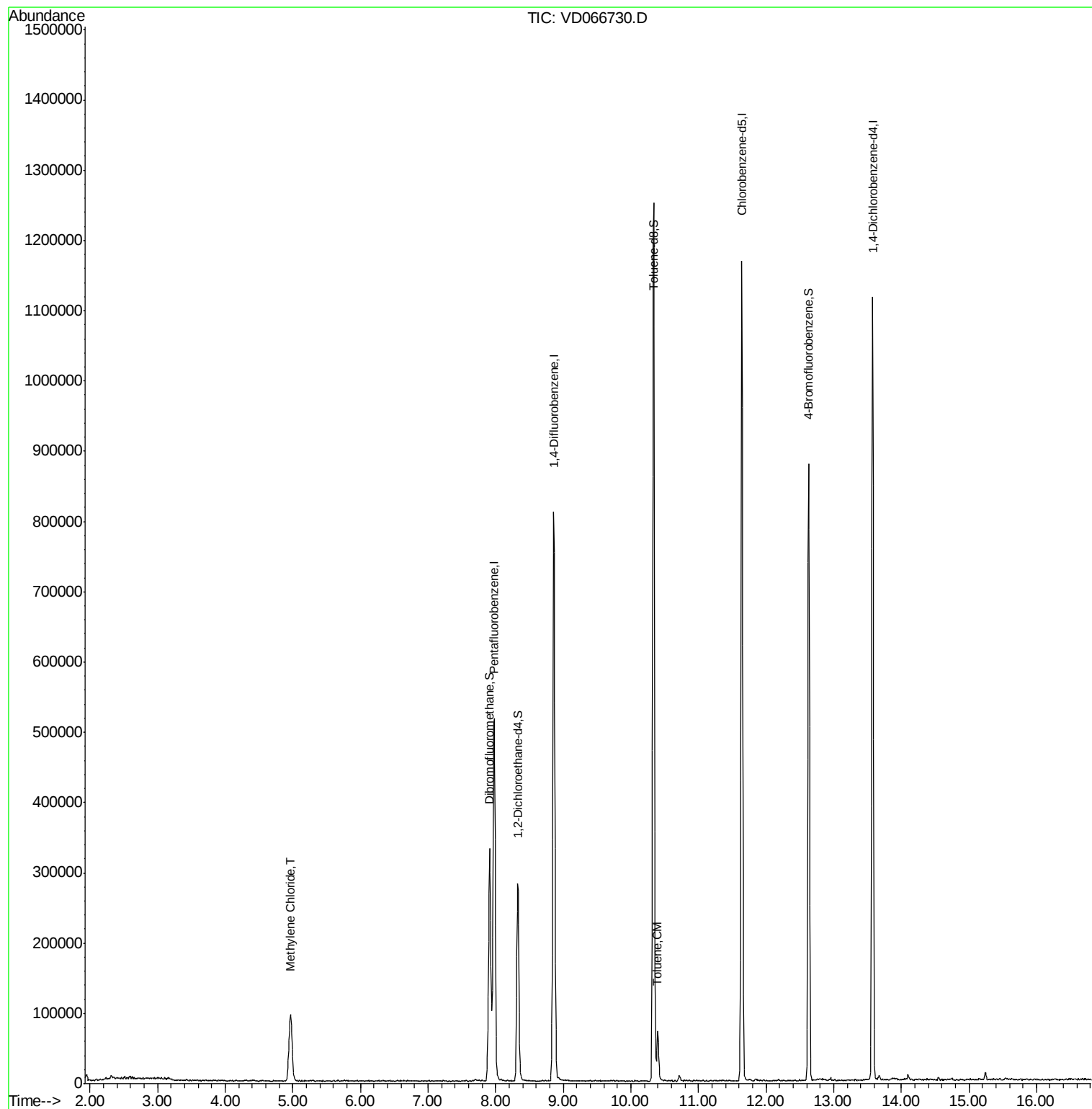
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	368279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	685185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	648935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	282089	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	223925	56.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.98%	
35) Dibromofluoromethane	7.91	113	230074	54.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.54%	
50) Toluene-d8	10.34	98	838299	56.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.02%	
62) 4-Bromofluorobenzene	12.63	95	279795	54.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.32%	
Target Compounds						
20) Methylene Chloride	4.97	84	73381	11.373	ug/l	95
52) Toluene	10.40	92	29317	2.401	ug/l	95

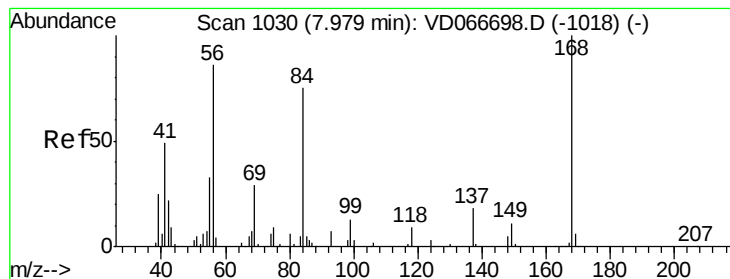
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066730.D

Acq: 16 Sep 2020 20:06

Instrument :

MSVOA_D

ClientSampleId :

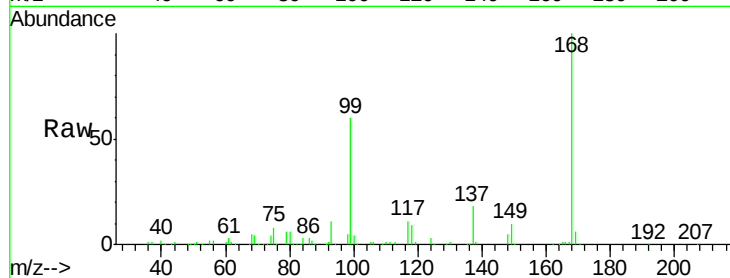
PAV-B36-091620-0-1

Tot Ion:168 Resp: 368279

Ion Ratio Lower Upper

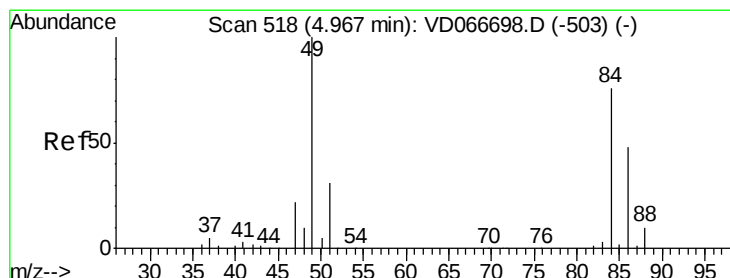
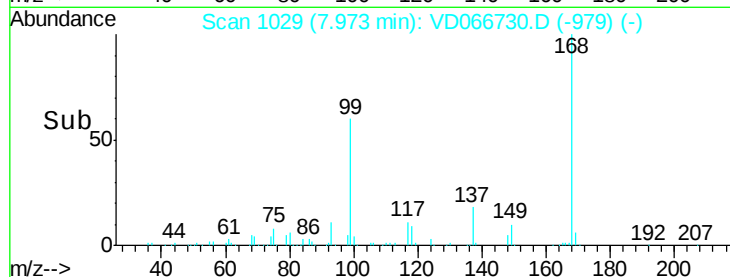
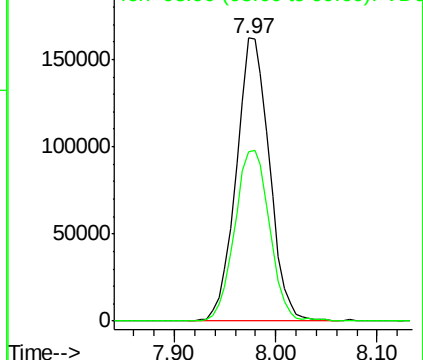
168 100

99 59.7 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 11.373 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD066730.D

Acq: 16 Sep 2020 20:06

Tgt Ion: 84 Resp: 73381

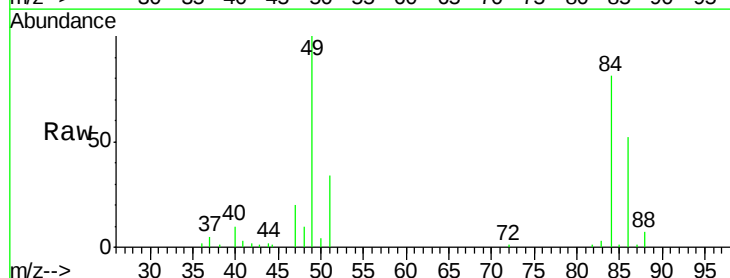
Ion Ratio Lower Upper

84 100

49 123.7 105.0 157.6

51 42.4 32.2 48.4

86 64.1 50.4 75.6

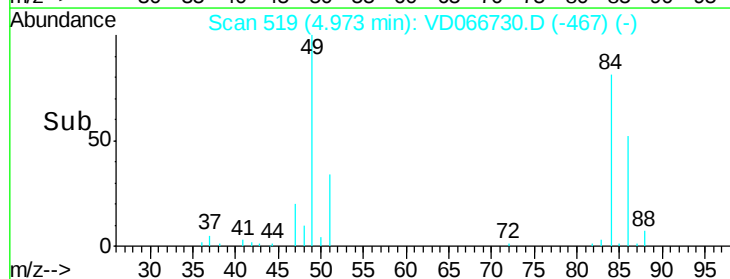
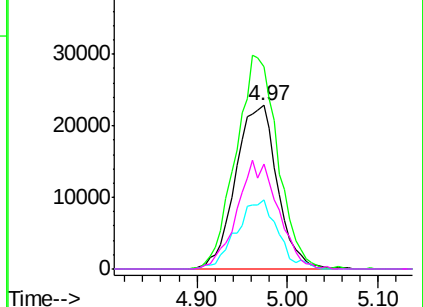


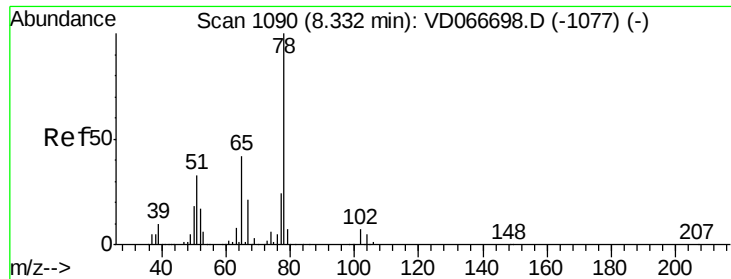
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

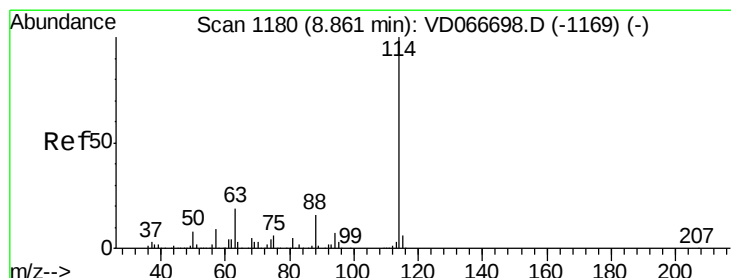
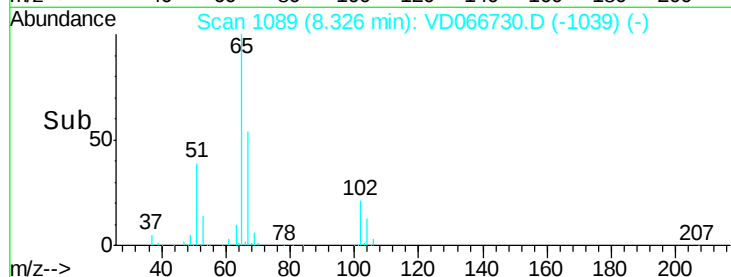
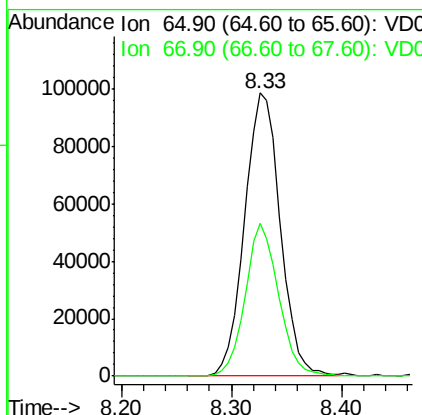
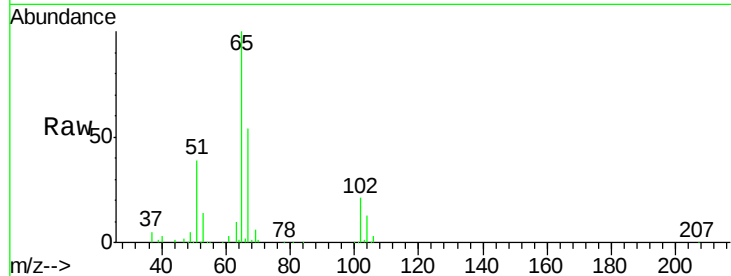




#33
 1,2-Dichloroethane-d4
 Concen: 56.988 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066730.D
 Acq: 16 Sep 2020 20:06

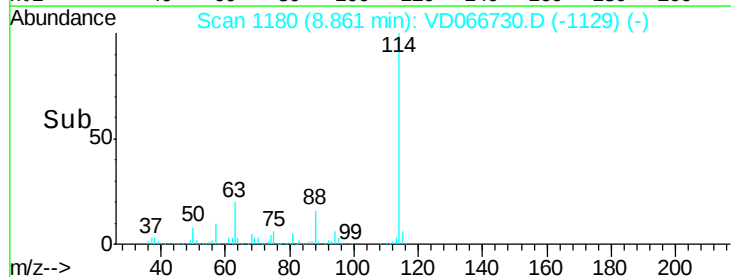
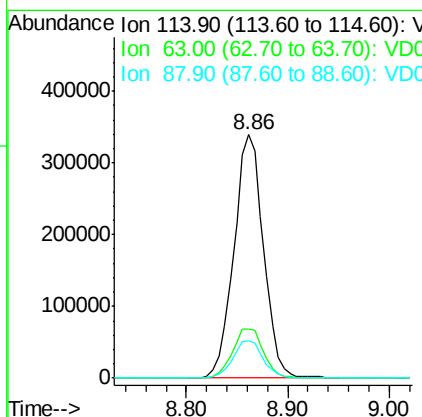
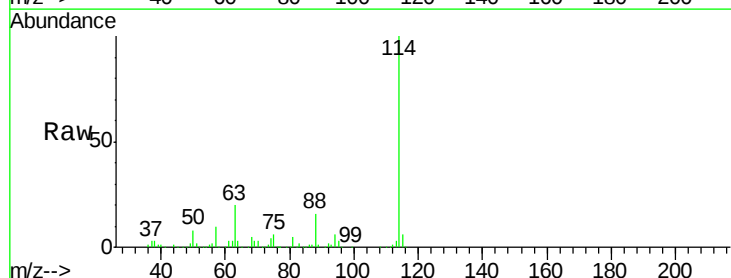
Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B36-091620-0-1

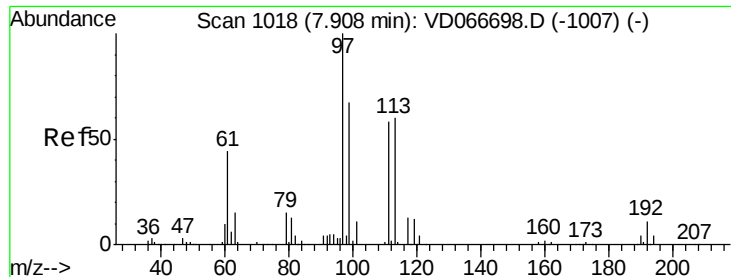
Tot Ion: 65 Resp: 223925
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066730.D
 Acq: 16 Sep 2020 20:06

Tgt Ion: 114 Resp: 685185
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 37.6
 88 15.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 54.769 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066730.D

Acq: 16 Sep 2020 20:06

Instrument :

MSVOA_D

ClientSampleId :

PAV-B36-091620-0-1

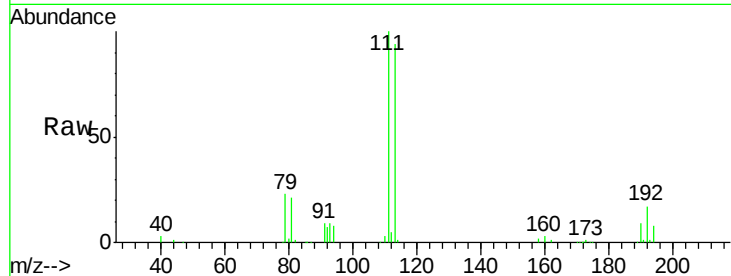
Tot Ion:113 Resp: 230074

Ion Ratio Lower Upper

113 100

111 104.4 83.2 124.8

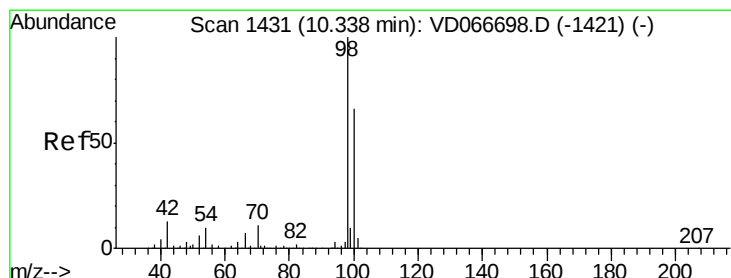
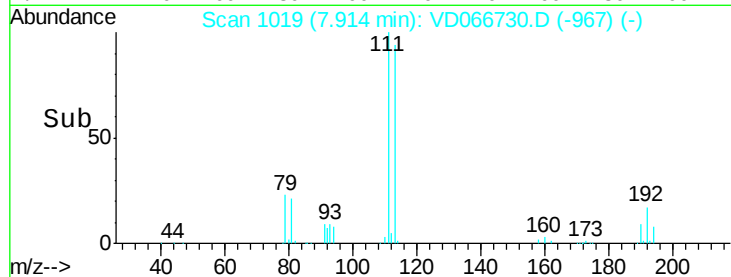
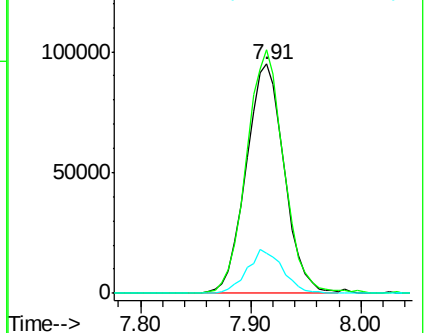
192 18.0 14.8 22.2



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: 56.011 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066730.D

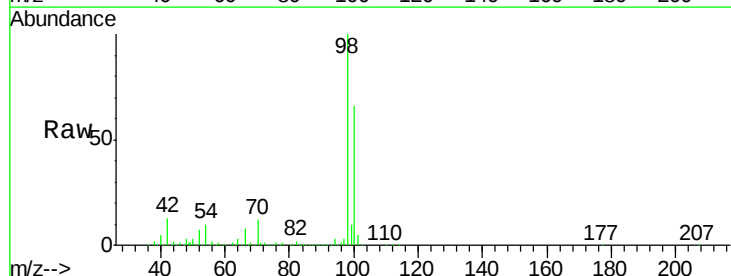
Acq: 16 Sep 2020 20:06

Tgt Ion: 98 Resp: 838299

Ion Ratio Lower Upper

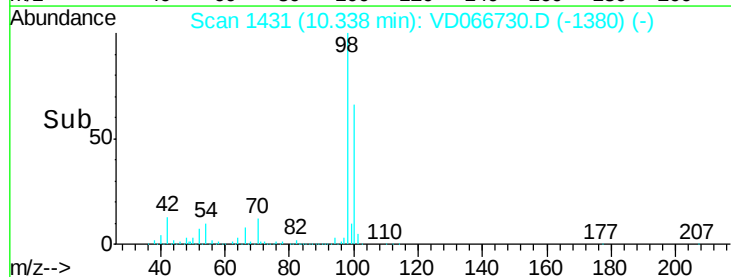
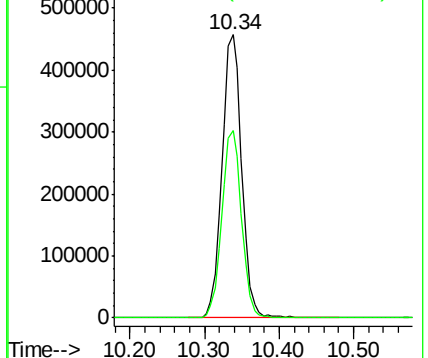
98 100

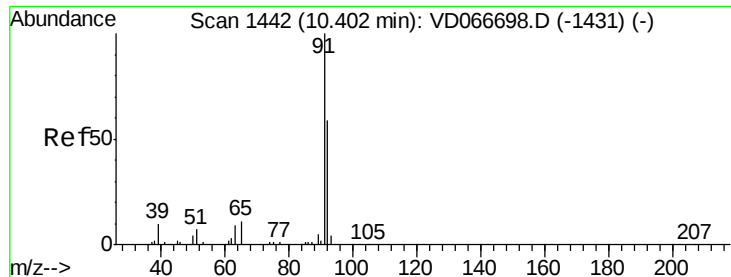
100 66.1 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 2.401 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066730.D

Acq: 16 Sep 2020 20:06

Instrument :

MSVOA_D

ClientSampleId :

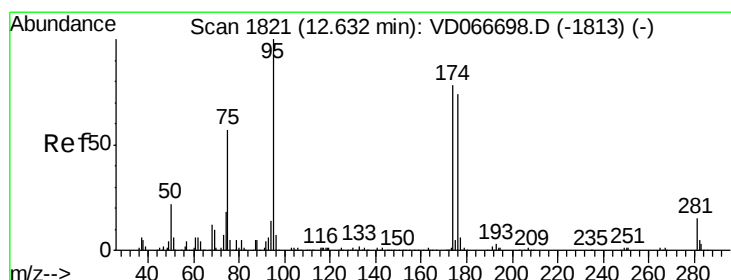
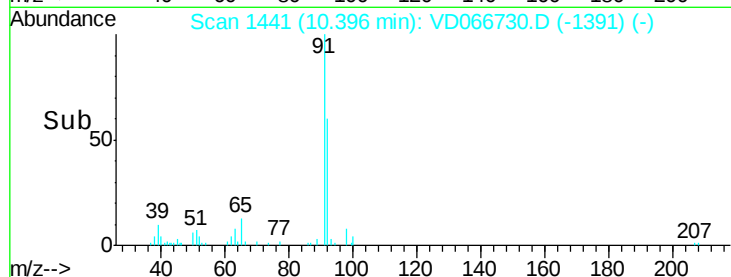
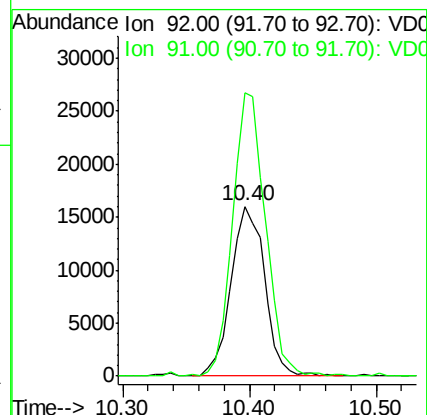
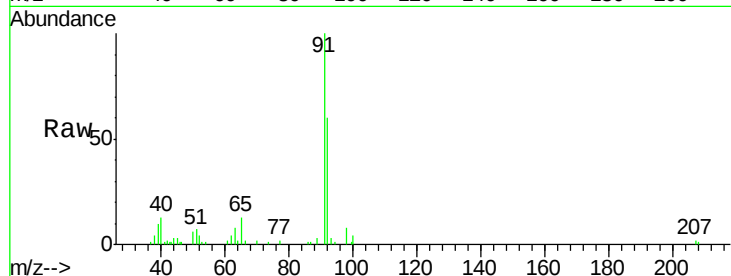
PAV-B36-091620-0-1

Tot Ion: 92 Resp: 29317

Ion Ratio Lower Upper

92 100

91 163.0 135.8 203.8



#62

4-Bromofluorobenzene

Concen: 54.158 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066730.D

Acq: 16 Sep 2020 20:06

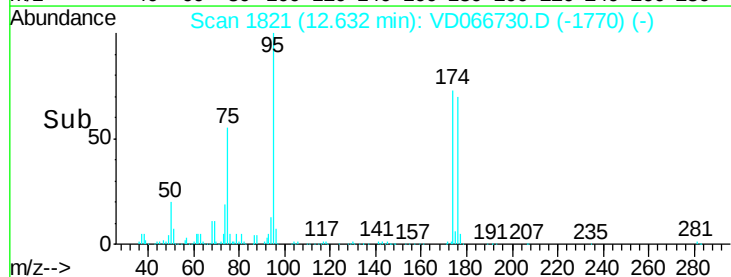
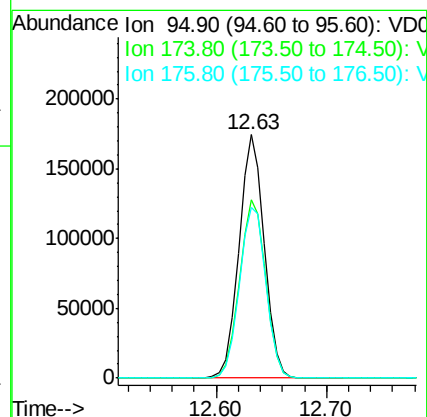
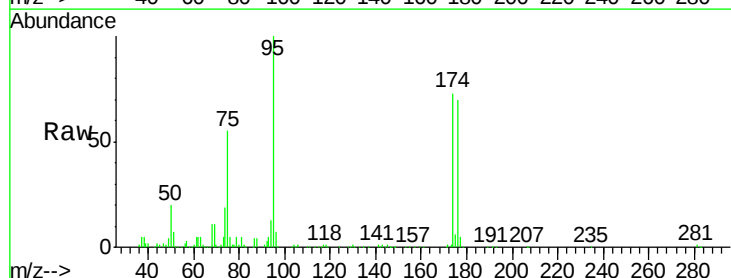
Tgt Ion: 95 Resp: 279795

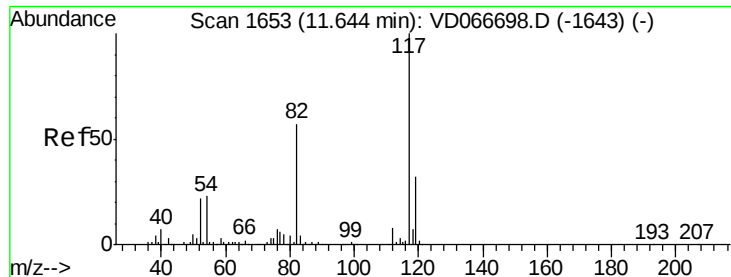
Ion Ratio Lower Upper

95 100

174 75.7 0.0 156.6

176 73.7 0.0 150.2

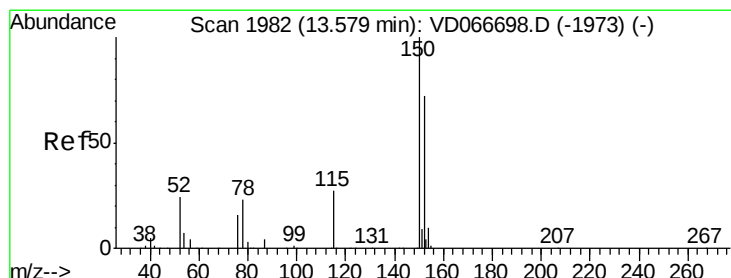
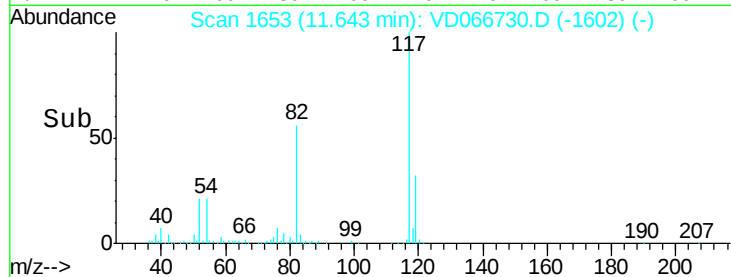
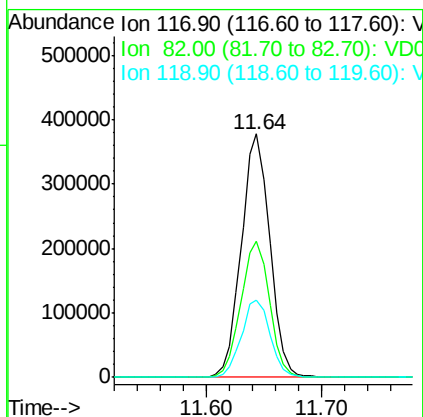
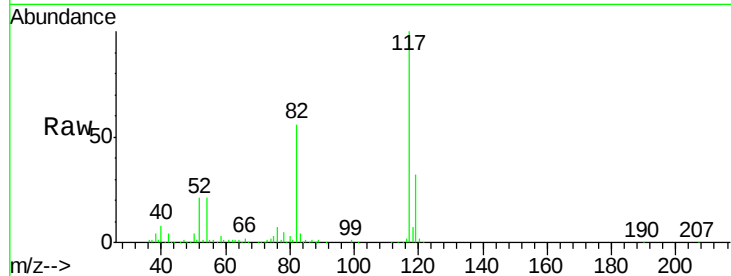




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066730.D
Acq: 16 Sep 2020 20:06

Instrument :
MSVOA_D
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Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	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: VD066730.D
Acq: 16 Sep 2020 20:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.5	91.5
150	156.8	0.0	344.6

