

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091520\
 Data File : VD066702.D
 Acq On : 15 Sep 2020 17:59
 Operator : VA/SY
 Sample : VD0915SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBL01

Quant Time: Sep 16 01:53:09 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	366466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	647147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	601609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	252548	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	231239	59.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.28%	
35) Dibromofluoromethane	7.91	113	211638	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	
50) Toluene-d8	10.34	98	711067	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.63	95	229511	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	

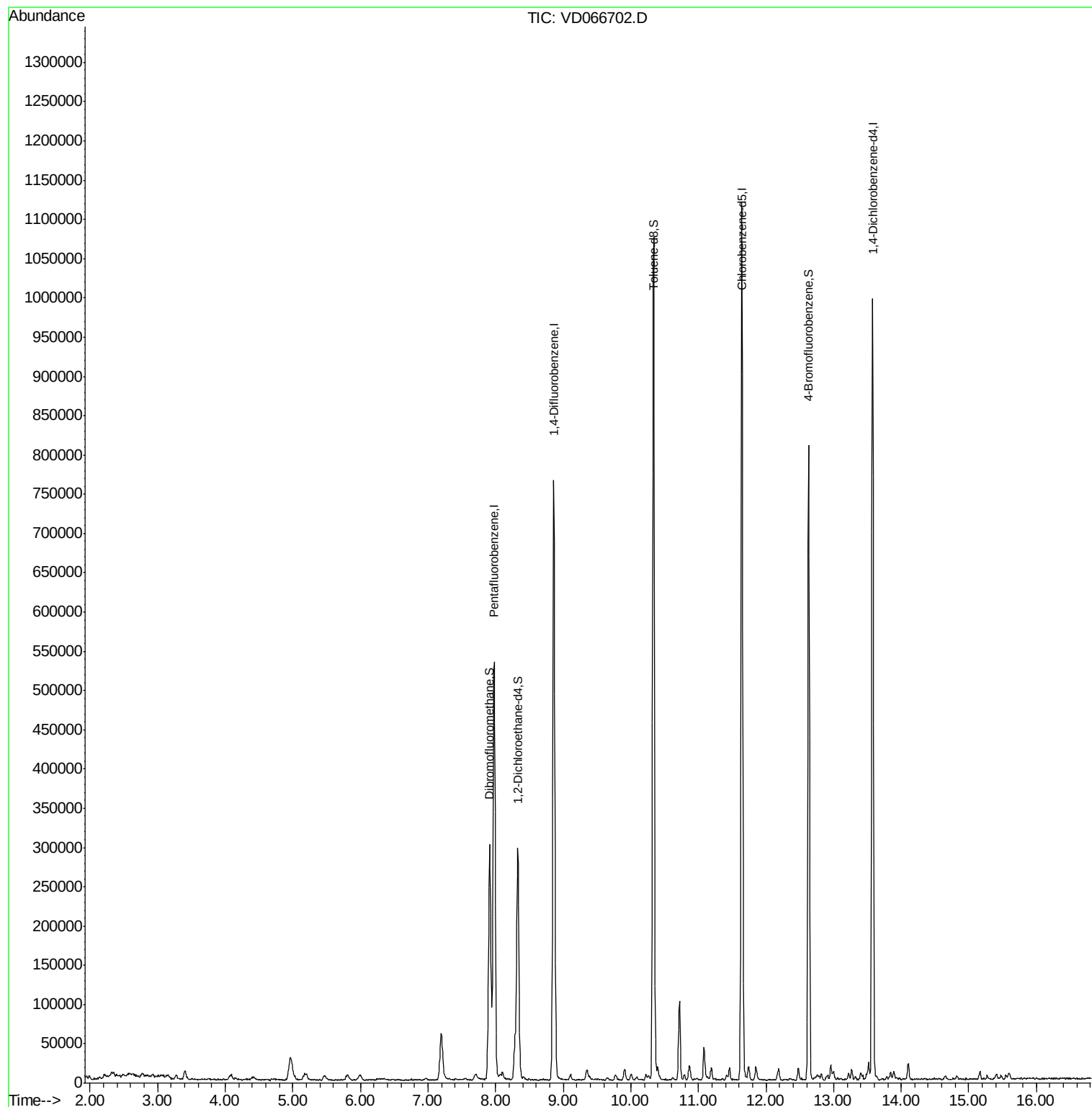
Target Compounds	Qvalue
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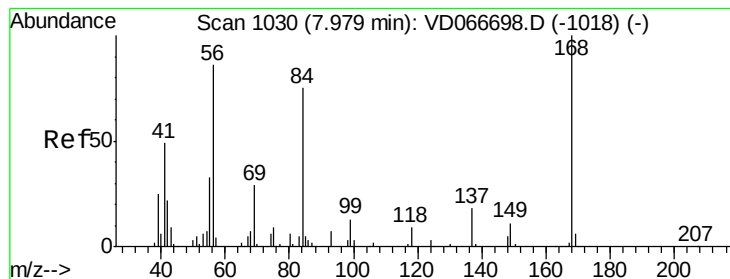
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Instrument :

MSVOA_D

ClientSampleId :

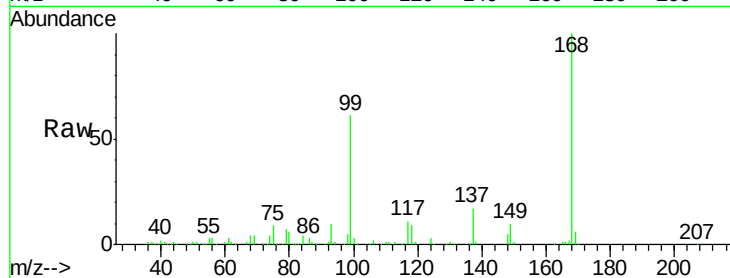
VD0915SBL01

Tot Ion:168 Resp: 366466

Ion Ratio Lower Upper

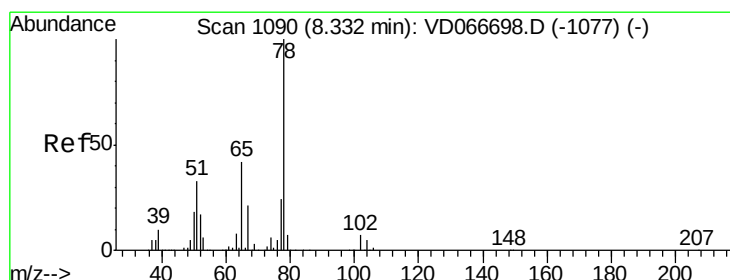
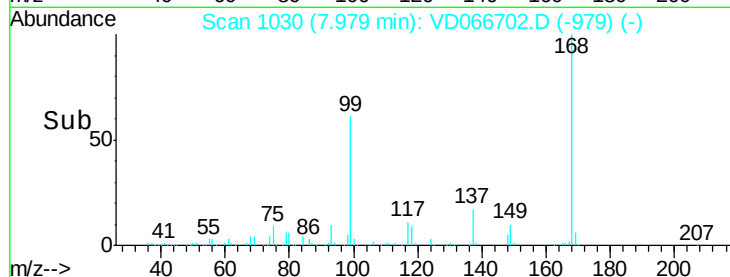
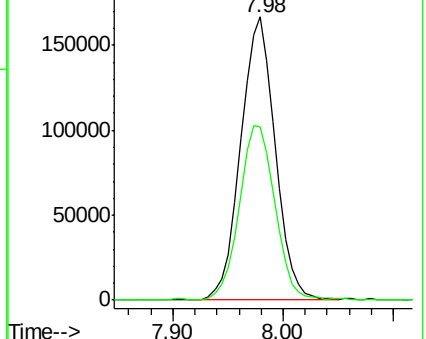
168 100

99 60.8 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: 59.141 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066702.D

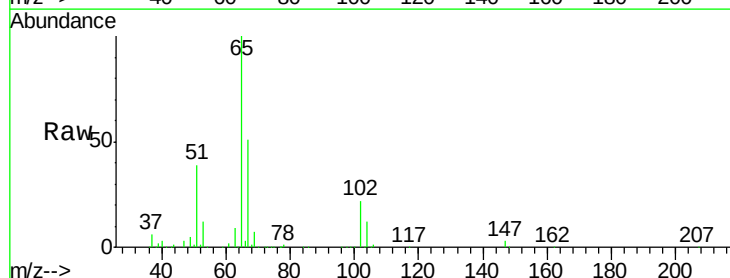
Acq: 15 Sep 2020 17:59

Tgt Ion: 65 Resp: 231239

Ion Ratio Lower Upper

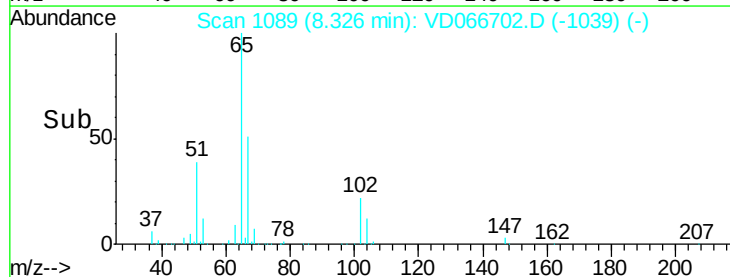
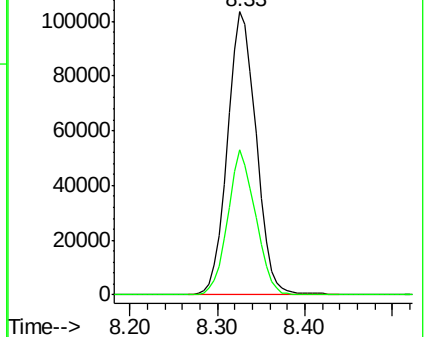
65 100

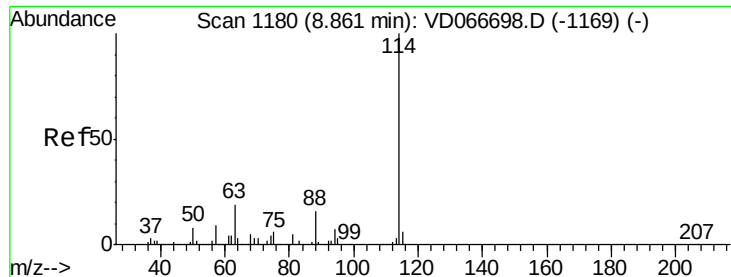
67 49.5 0.0 102.2



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: VD066702.D

Acq: 15 Sep 2020 17:59

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBL01

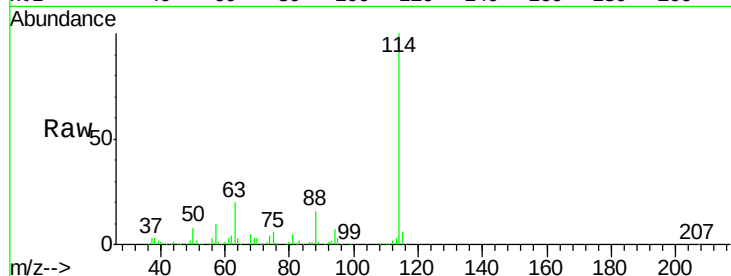
Tot Ion:114 Resp: 647147

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.6

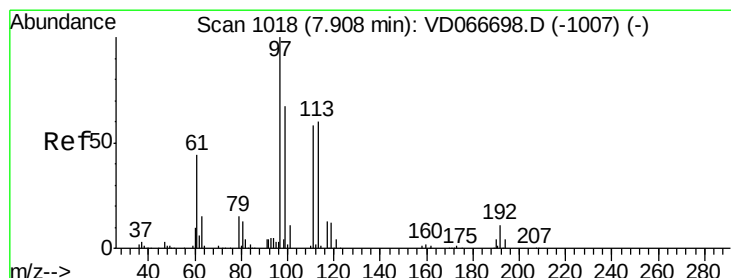
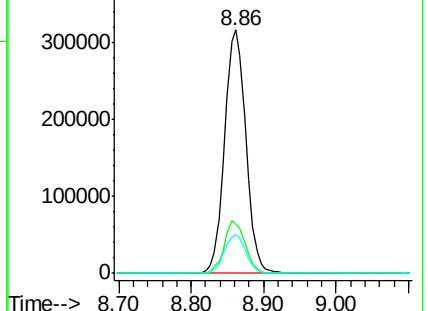
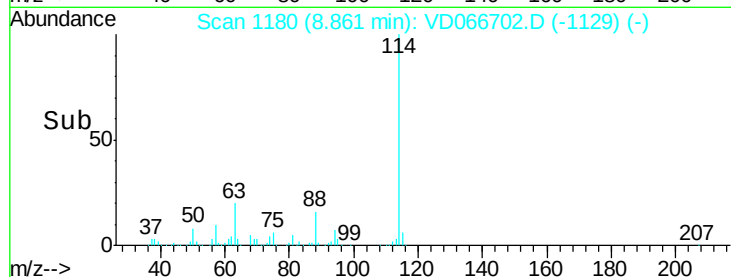
88 15.8 0.0 32.2



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: 53.341 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066702.D

Acq: 15 Sep 2020 17:59

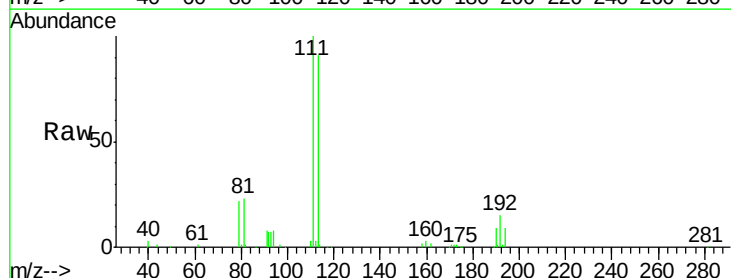
Tgt Ion:113 Resp: 211638

Ion Ratio Lower Upper

113 100

111 102.8 83.2 124.8

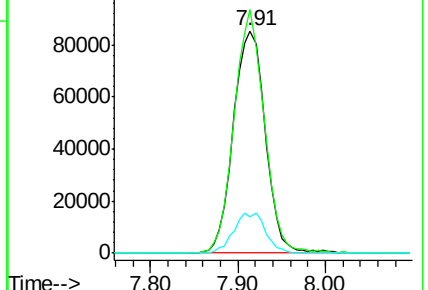
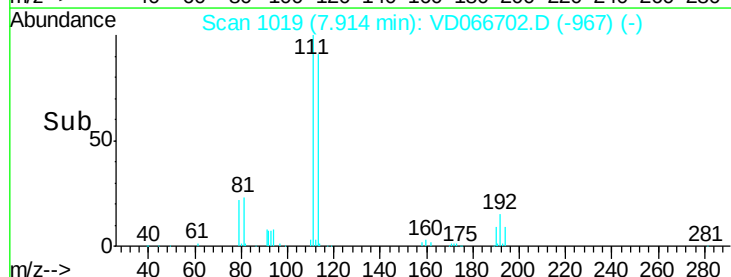
192 18.0 14.8 22.2

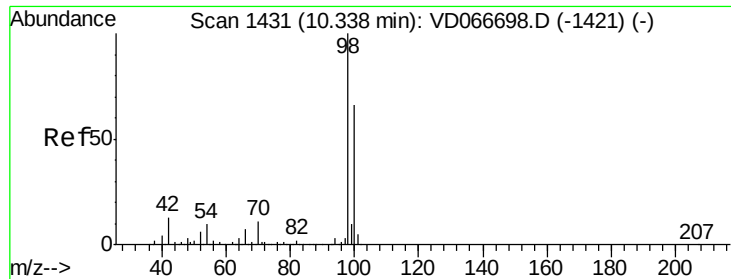


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

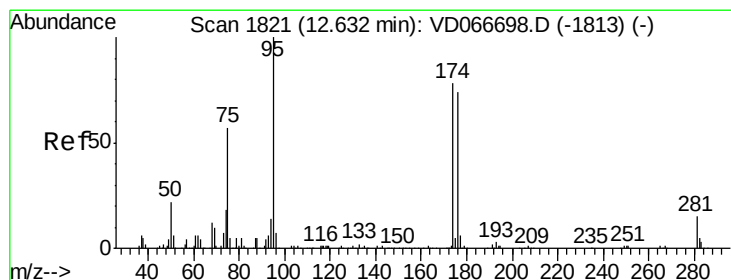
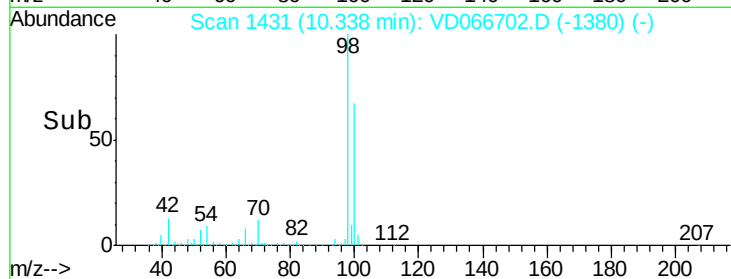
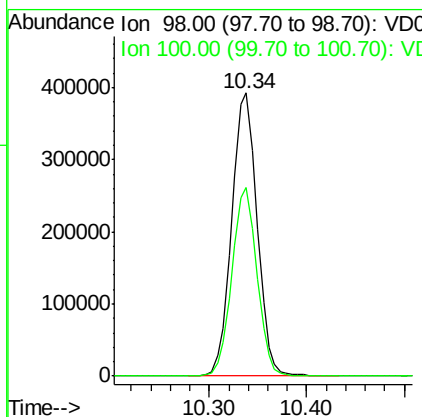
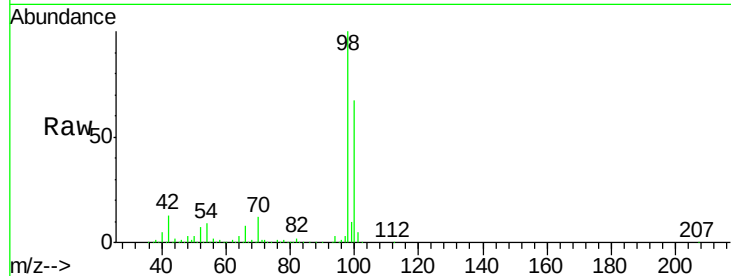




#50
Toluene-d8
Concen: 50.303 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066702.D
Acq: 15 Sep 2020 17:59

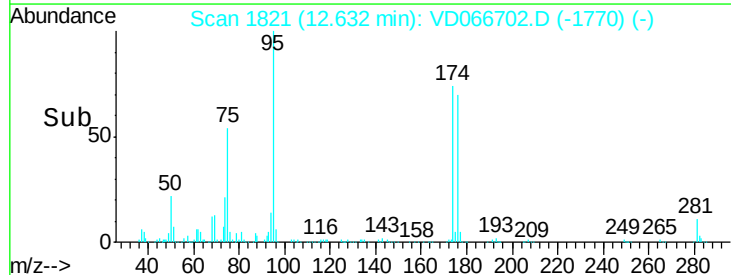
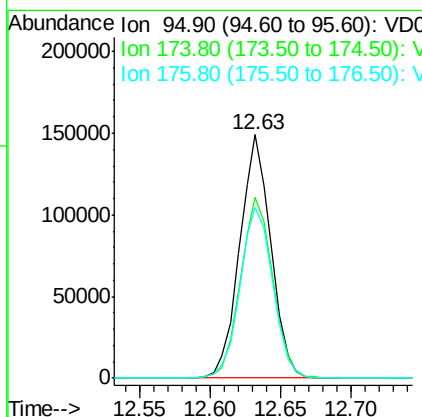
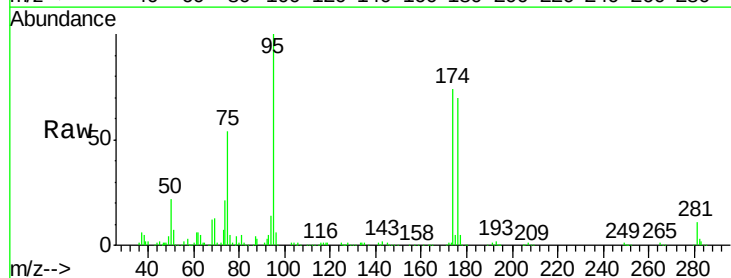
Instrument :
MSVOA_D
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VD0915SBL01

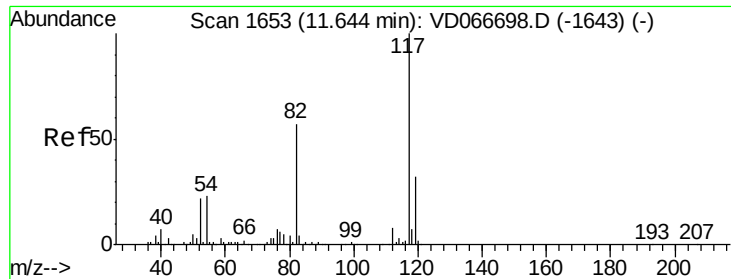
Tot Ion: 98 Resp: 711067
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.036 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066702.D
Acq: 15 Sep 2020 17:59

Tgt Ion: 95 Resp: 229511
Ion Ratio Lower Upper
95 100
174 77.2 0.0 156.6
176 73.8 0.0 150.2

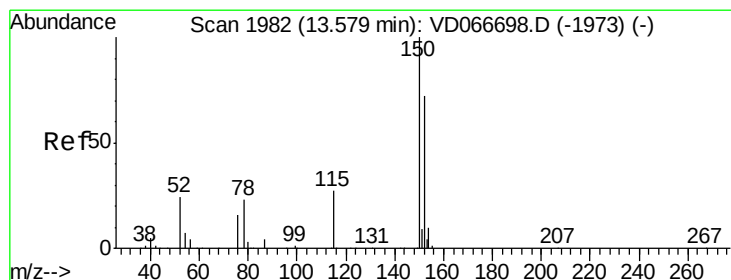
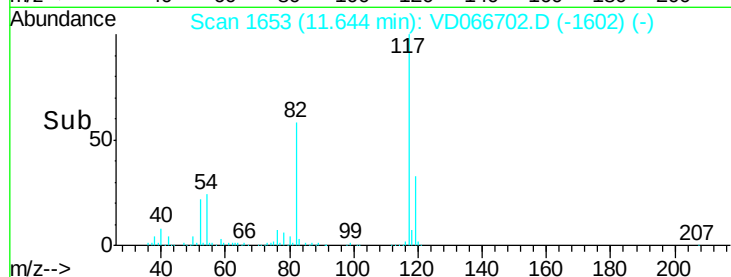
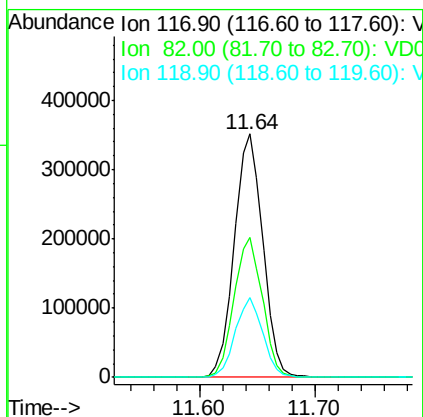
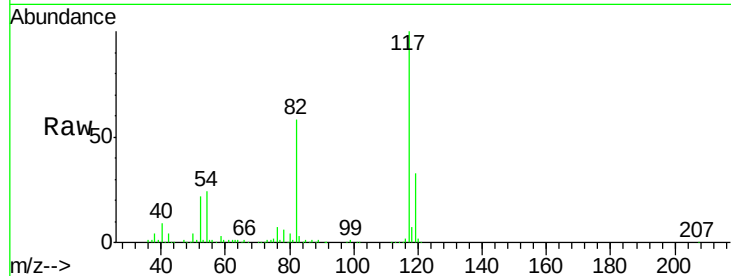




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066702.D
Acq: 15 Sep 2020 17:59

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBL01

Tot Ion:117 Resp: 601609
Ion Ratio Lower Upper
117 100
82 57.6 45.4 68.0
119 32.6 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: VD066702.D
Acq: 15 Sep 2020 17:59

Tgt Ion:152 Resp: 252548
Ion Ratio Lower Upper
152 100
115 62.4 30.5 91.5
150 158.8 0.0 344.6

