

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066504.D
 Acq On : 01 Sep 2020 18:56
 Operator : VA/SY
 Sample : L3852-04
 Misc : 6.41G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 206

Quant Time: Sep 02 01:53:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	184412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	262686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	256563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	136883	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	100365	55.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.02%	
35) Dibromofluoromethane	7.91	113	81484	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	10.34	98	315169	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
62) 4-Bromofluorobenzene	12.63	95	114503	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	

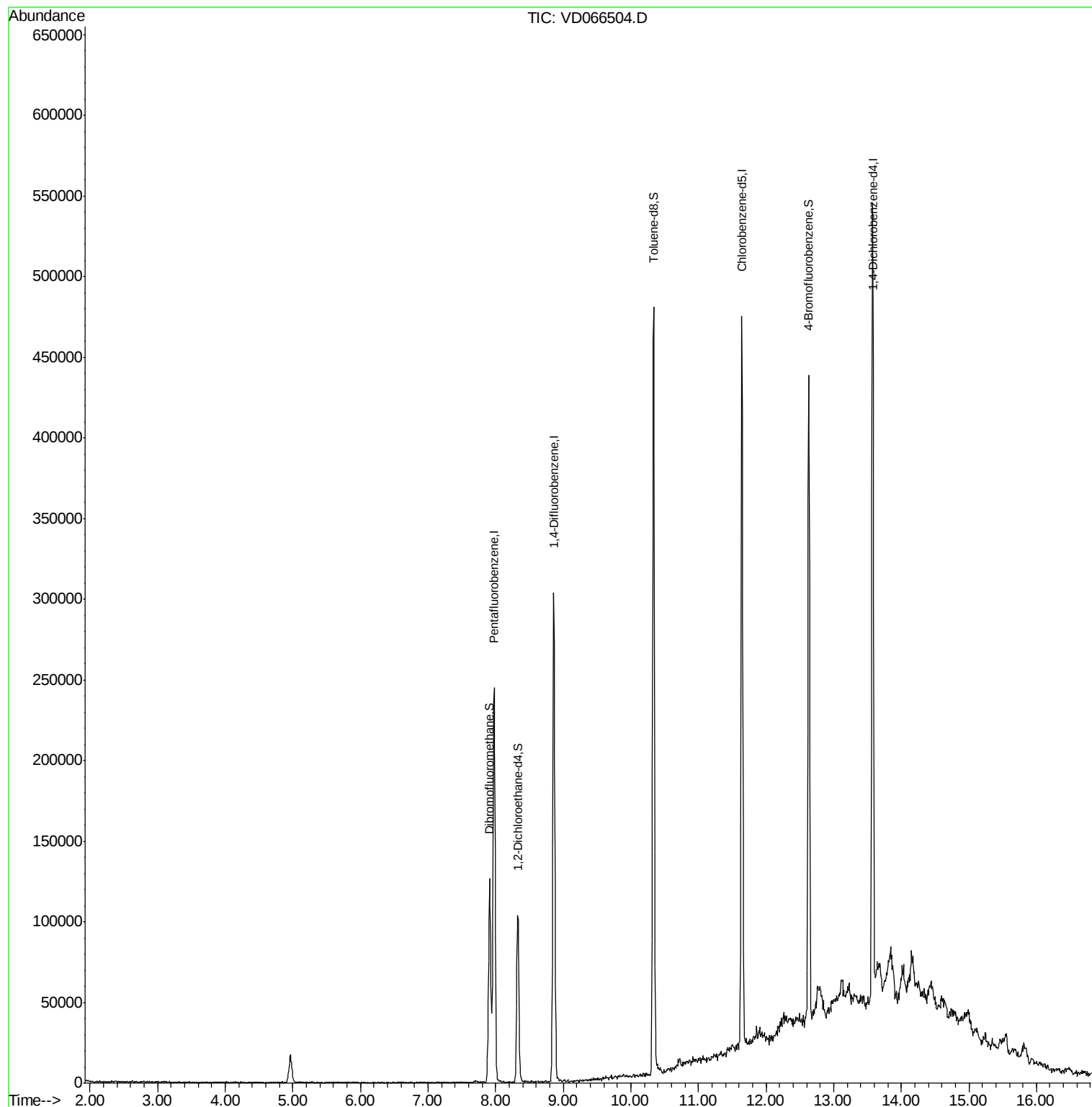
Target Compounds	Qvalue

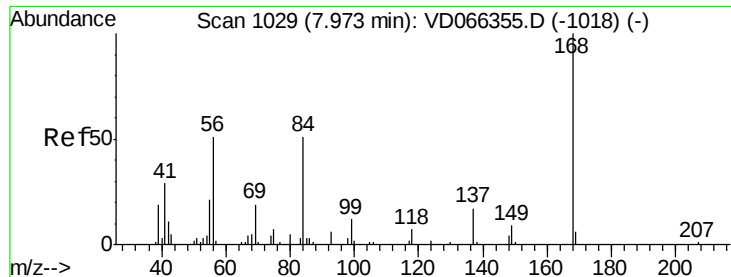
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066504.D

Acq: 01 Sep 2020 18:56

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MSVOA_D

ClientSampleId :

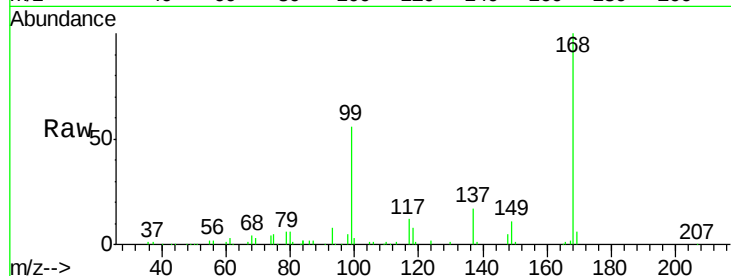
206

Tot Ion:168 Resp: 184412

Ion Ratio Lower Upper

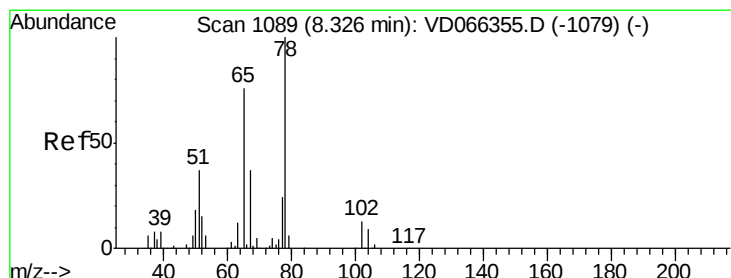
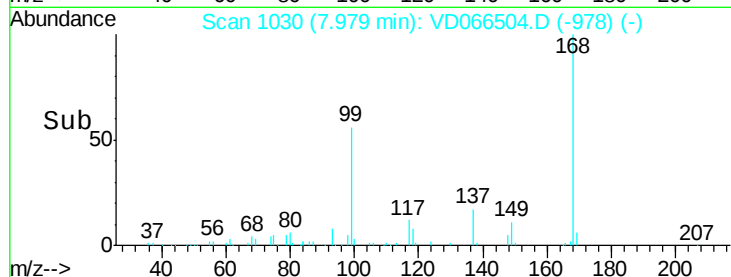
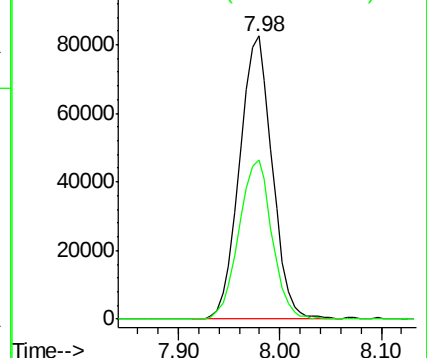
168 100

99 56.4 45.4 68.0



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: 55.513 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066504.D

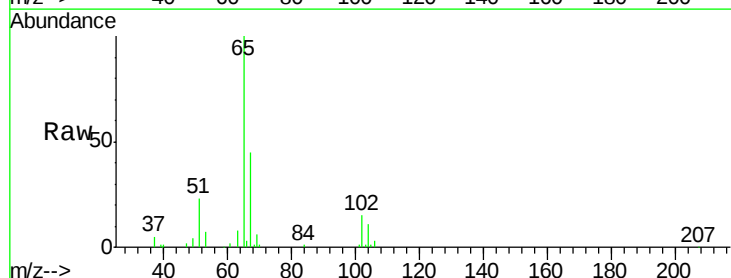
Acq: 01 Sep 2020 18:56

Tgt Ion: 65 Resp: 100365

Ion Ratio Lower Upper

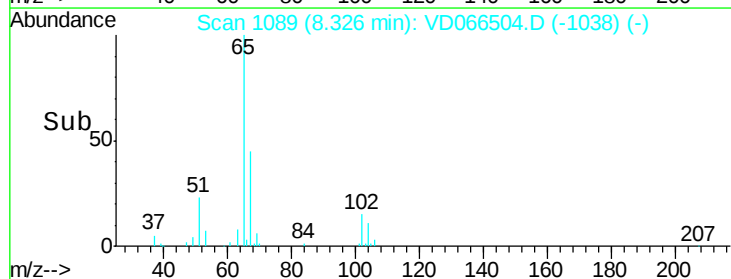
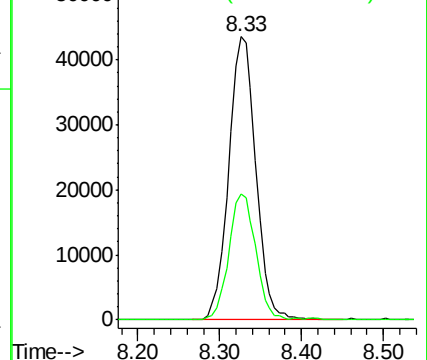
65 100

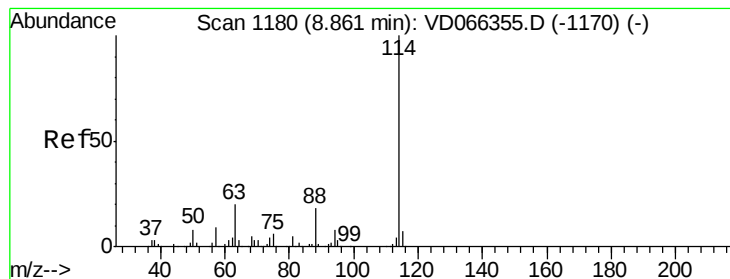
67 43.8 0.0 101.6



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: VD066504.D

Acq: 01 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

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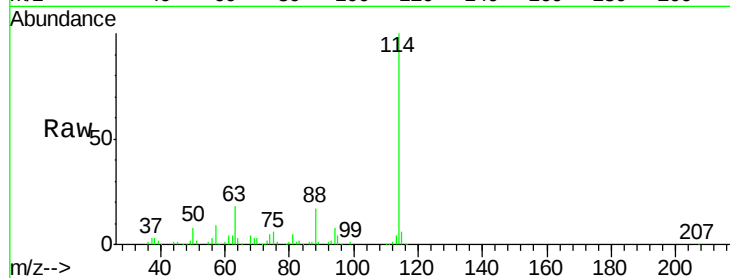
Tot Ion:114 Resp: 262686

Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.8

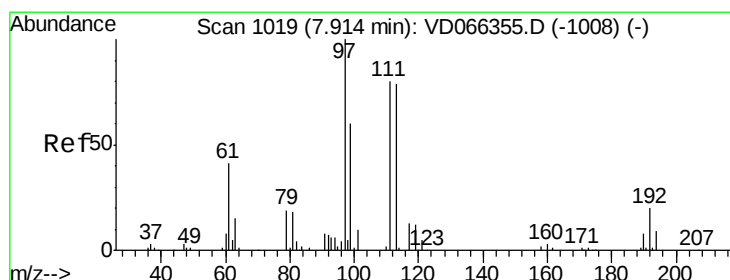
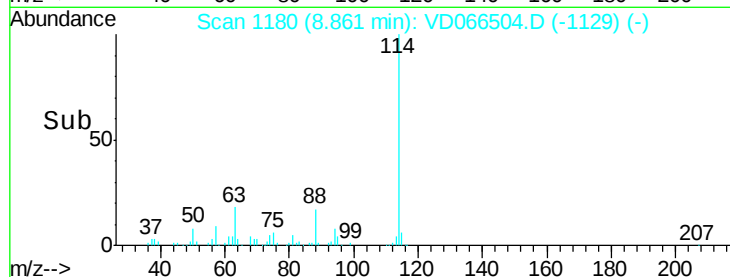
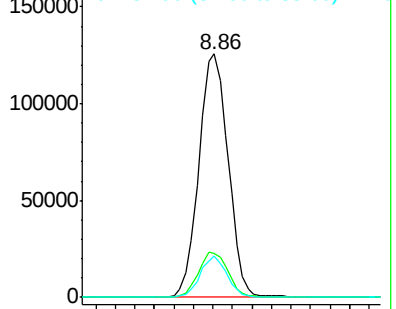
88 17.0 0.0 35.4



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: 49.607 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066504.D

Acq: 01 Sep 2020 18:56

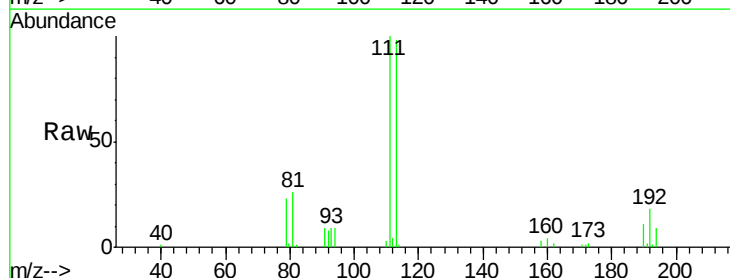
Tgt Ion:113 Resp: 81484

Ion Ratio Lower Upper

113 100

111 103.6 80.3 120.5

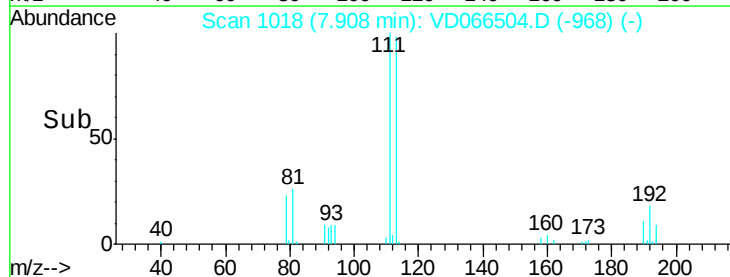
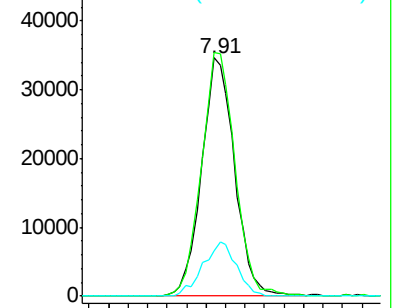
192 23.0 19.0 28.6

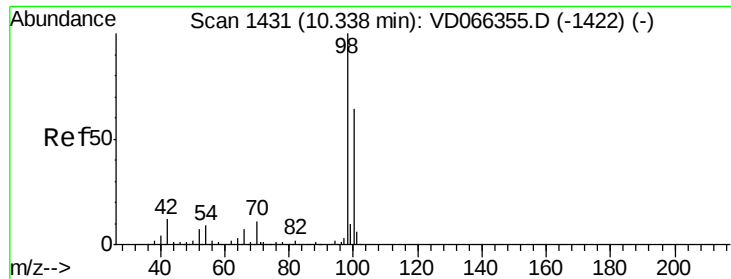


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

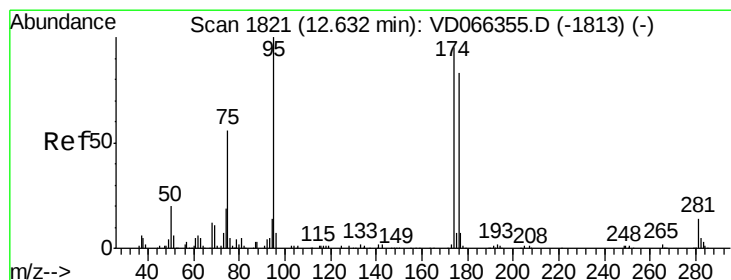
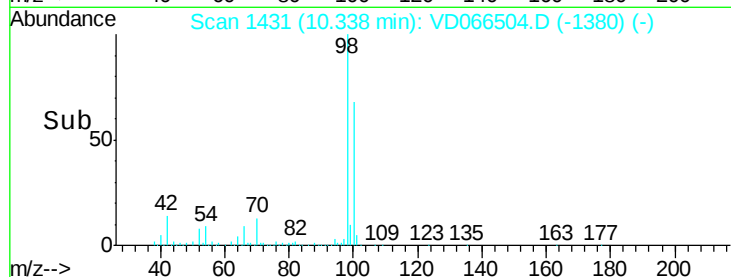
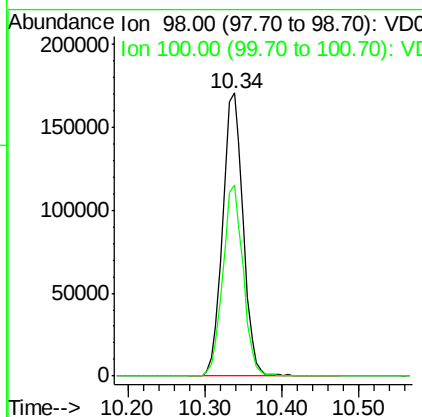
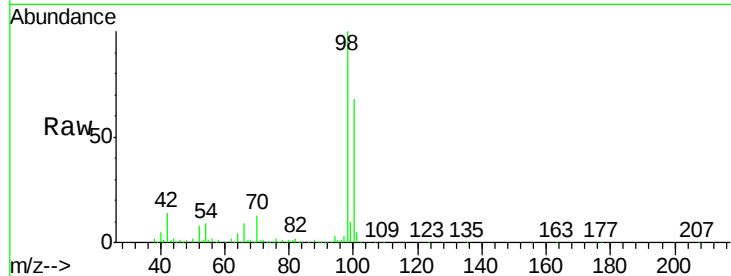




#50
Toluene-d8
Concen: 52.440 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066504.D
Acq: 01 Sep 2020 18:56

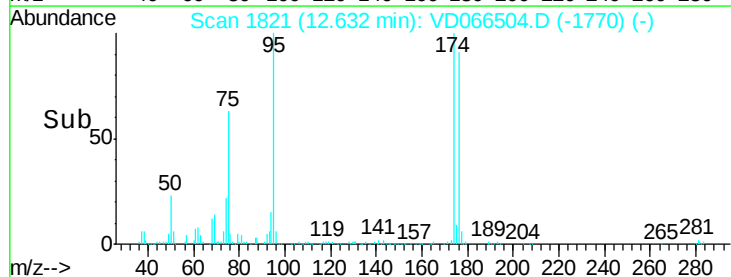
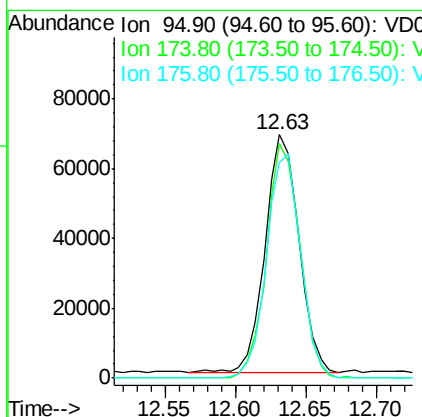
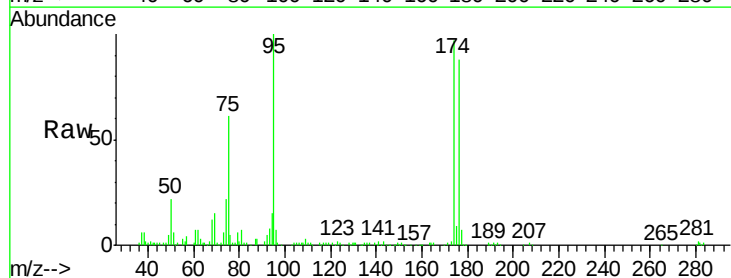
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MSVOA_D
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206

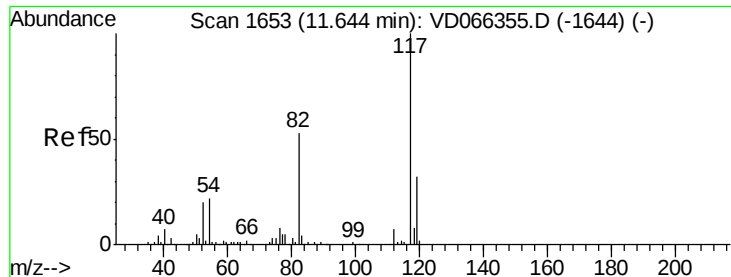
Tot Ion: 98 Resp: 315169
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.691 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066504.D
Acq: 01 Sep 2020 18:56

Tgt Ion: 95 Resp: 114503
Ion Ratio Lower Upper
95 100
174 97.4 0.0 183.4
176 95.0 0.0 173.8

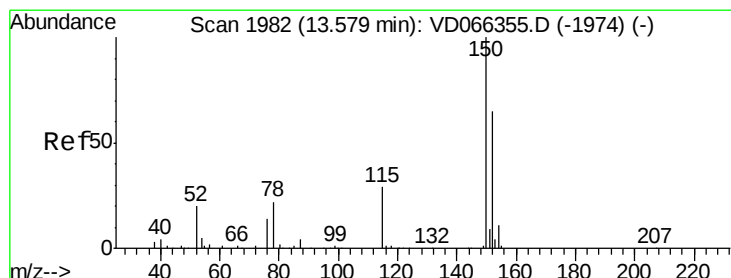
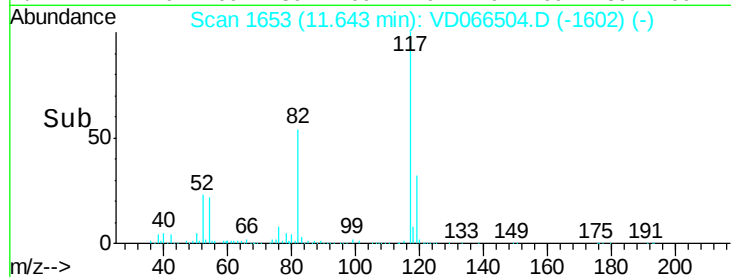
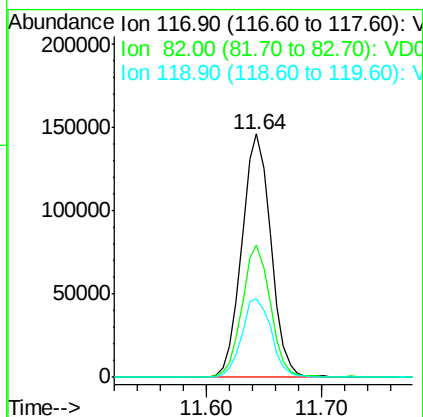
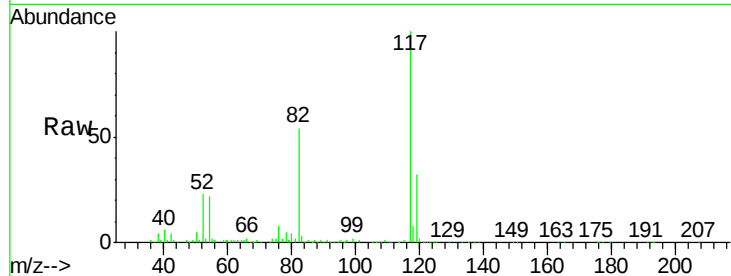




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066504.D
Acq: 01 Sep 2020 18:56

Instrument :
MSVOA_D
ClientSampleId :
206

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.8	64.2
119	32.2	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066504.D
Acq: 01 Sep 2020 18:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.3	85.0
150	154.8	0.0	343.2

