

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
 Data File : VD066917.D
 Acq On : 28 Sep 2020 17:00
 Operator : VA/SY
 Sample : L4160-01
 Misc : 7.94G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 11976

Quant Time: Sep 29 01:58:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	373393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	665646	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	682398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	310306	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	195610	53.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.04%	
35) Dibromofluoromethane	7.91	113	205528	48.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.06%	
50) Toluene-d8	10.34	98	810512	56.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.34%	
62) 4-Bromofluorobenzene	12.63	95	287724	58.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	116.50%	

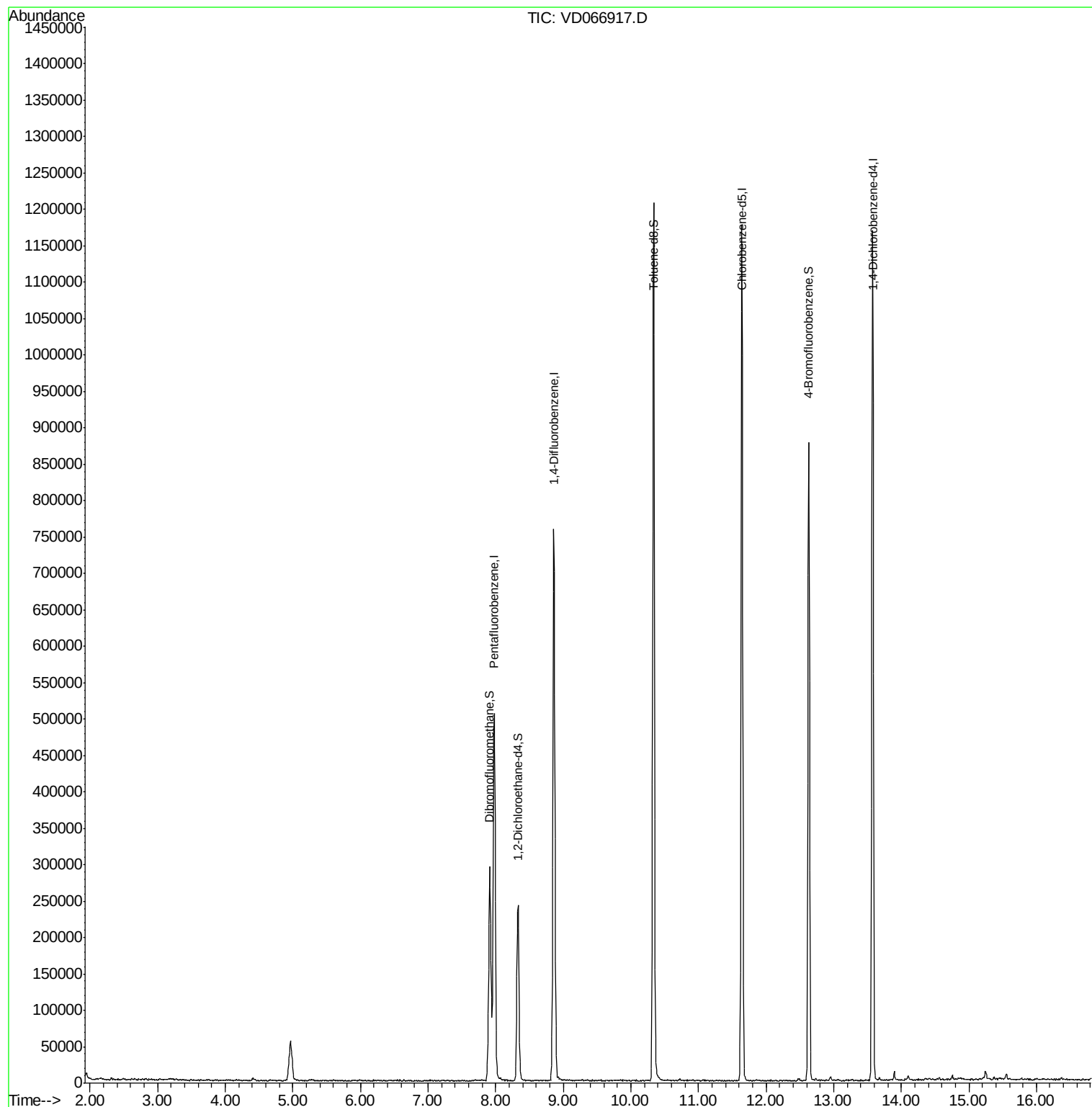
Target Compounds	Qvalue
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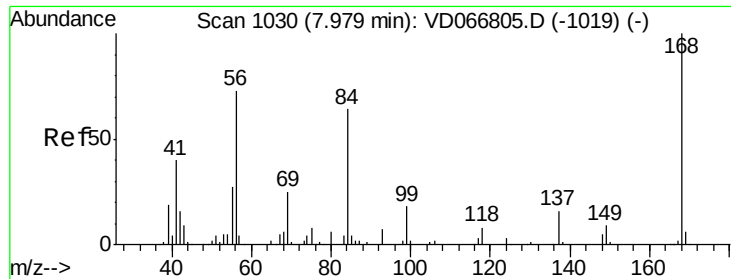
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066917.D

Acq: 28 Sep 2020 17:00

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MSVOA_D

ClientSampleId :

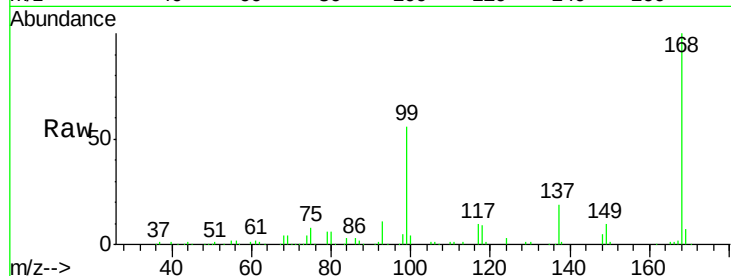
11976

Tot Ion:168 Resp: 373393

Ion Ratio Lower Upper

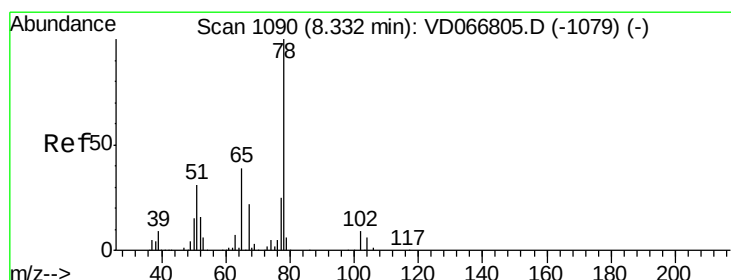
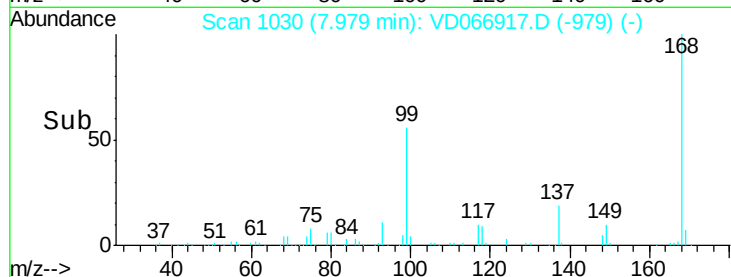
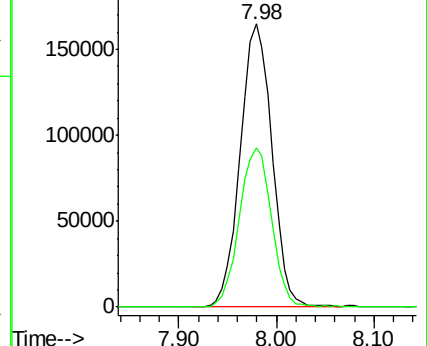
168 100

99 56.4 46.6 69.8



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: 53.524 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066917.D

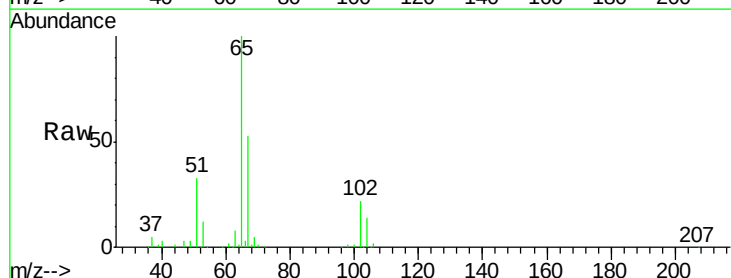
Acq: 28 Sep 2020 17:00

Tgt Ion: 65 Resp: 195610

Ion Ratio Lower Upper

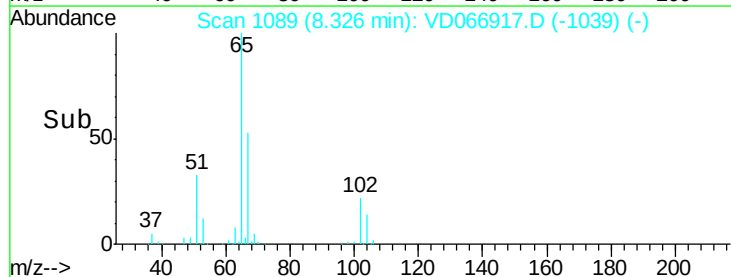
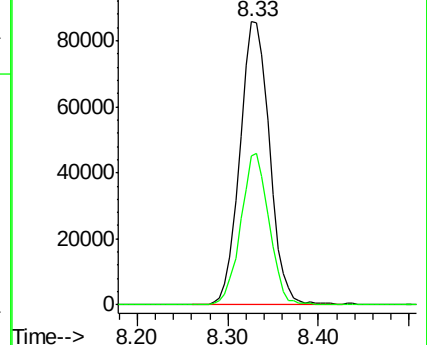
65 100

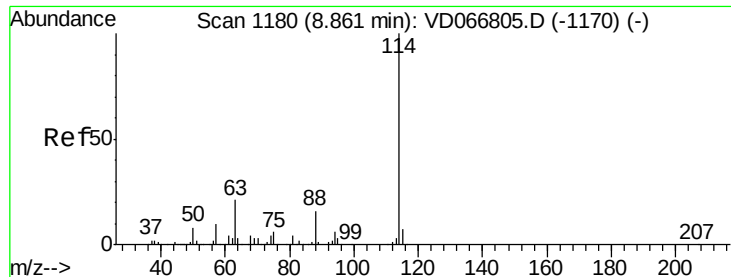
67 50.9 0.0 107.2



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: VD066917.D

Acq: 28 Sep 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

11976

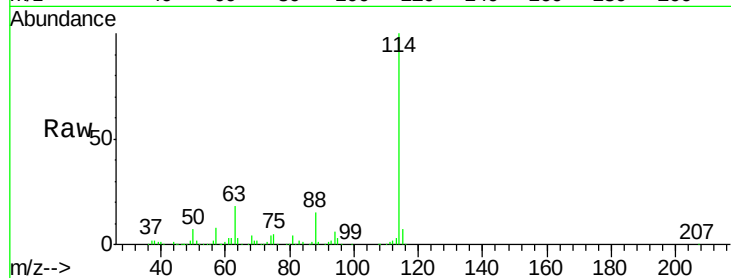
Tot Ion:114 Resp: 665646

Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.6

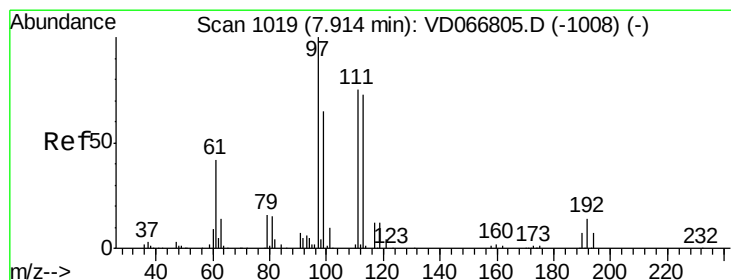
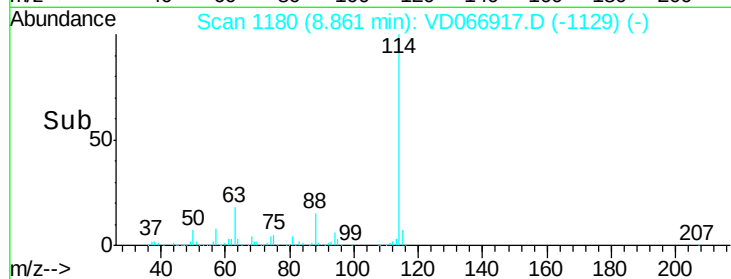
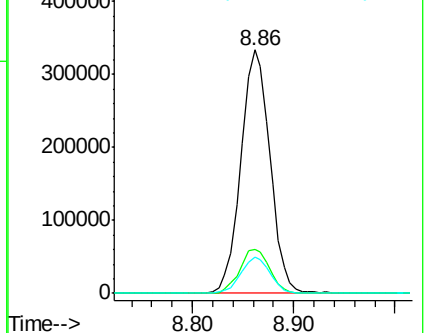
88 15.0 0.0 32.6



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: 48.533 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066917.D

Acq: 28 Sep 2020 17:00

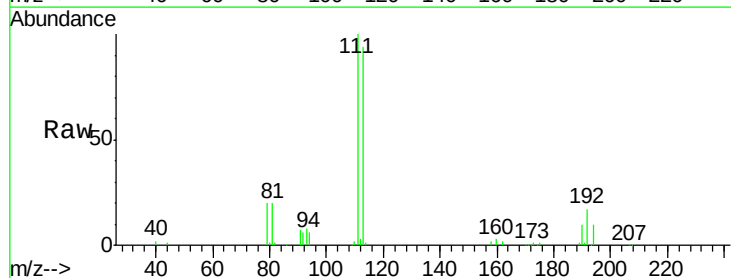
Tgt Ion:113 Resp: 205528

Ion Ratio Lower Upper

113 100

111 105.7 81.8 122.8

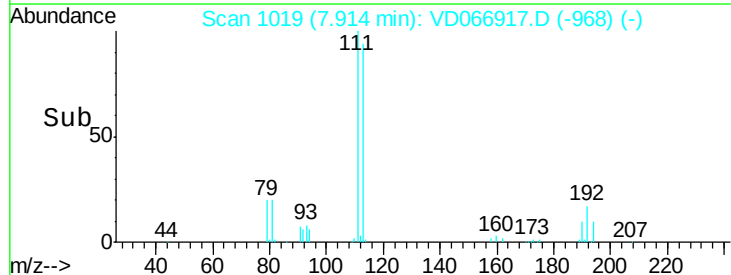
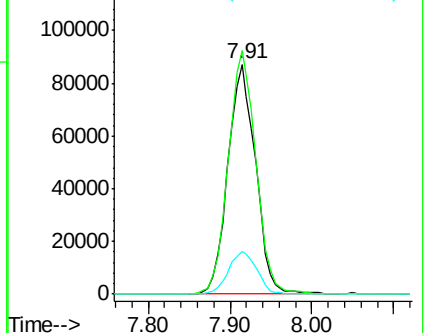
192 18.9 14.4 21.6

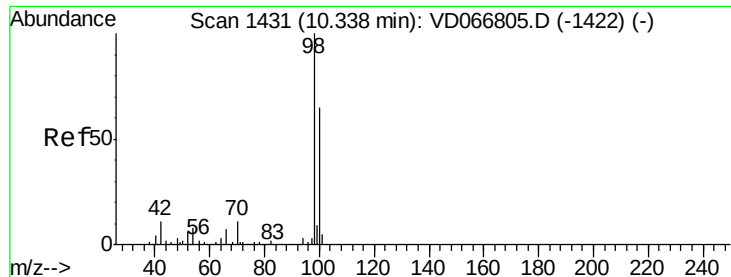


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

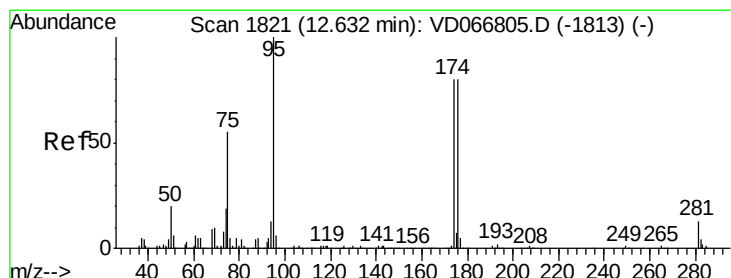
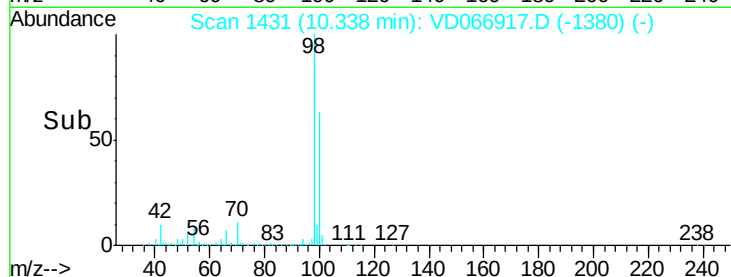
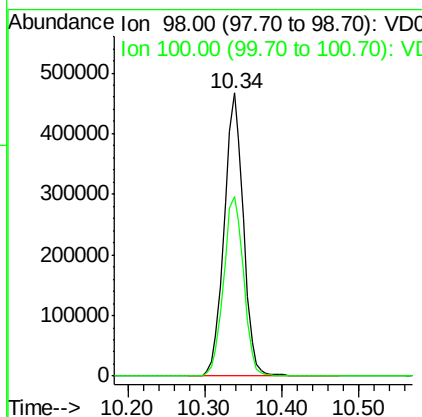
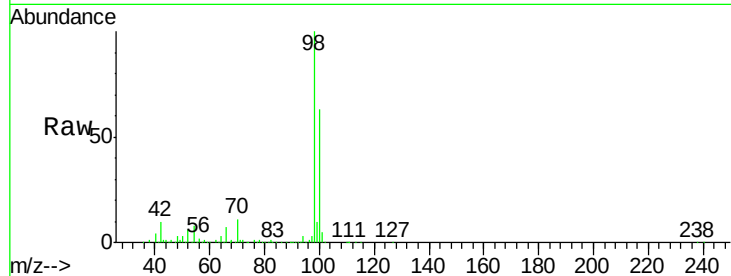




#50
Toluene-d8
Concen: 56.173 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066917.D
Acq: 28 Sep 2020 17:00

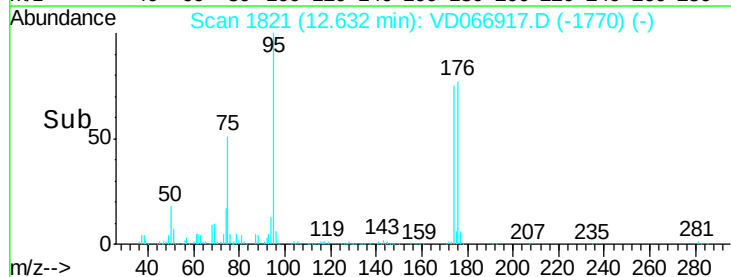
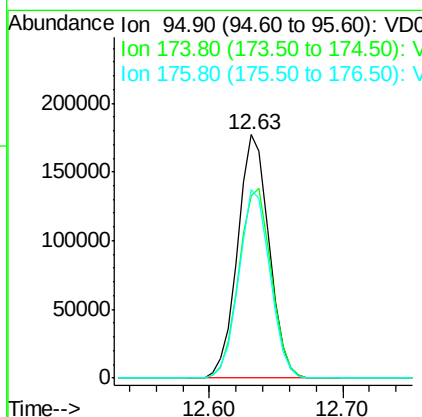
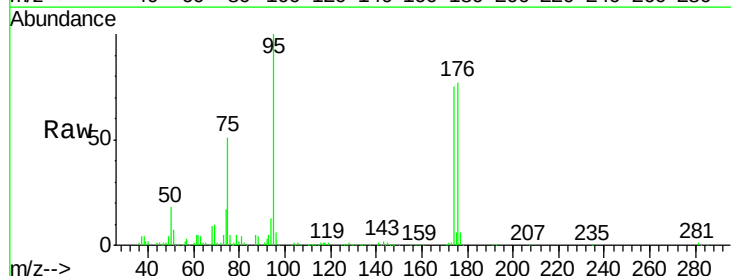
Instrument :
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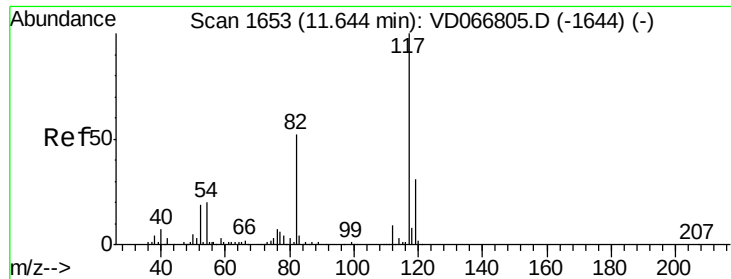
Tot Ion: 98 Resp: 810512
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 58.250 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066917.D
Acq: 28 Sep 2020 17:00

Tgt Ion: 95 Resp: 287724
Ion Ratio Lower Upper
95 100
174 80.4 0.0 159.8
176 76.9 0.0 154.4

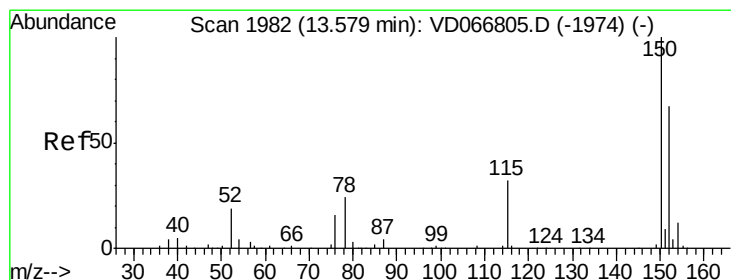
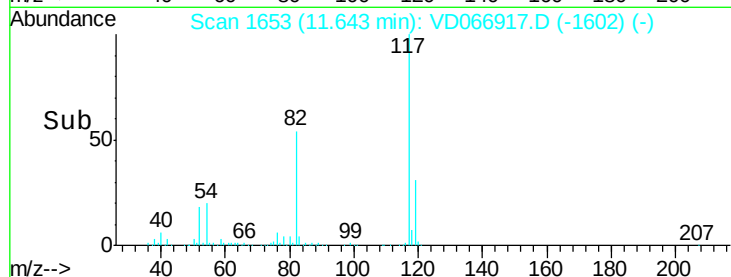
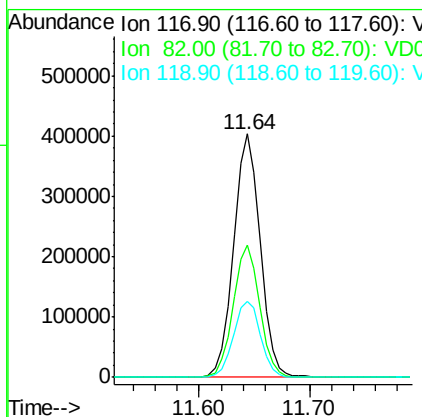
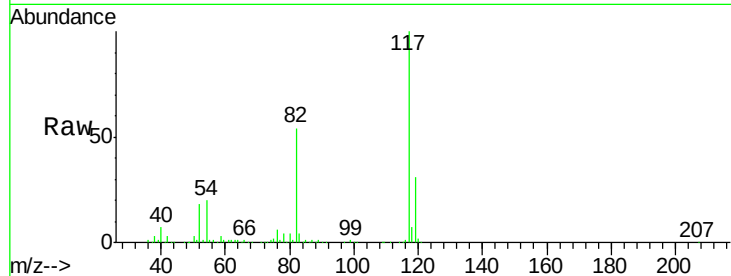




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066917.D
Acq: 28 Sep 2020 17:00

Instrument :
MSVOA_D
ClientSampled :
11976

Tot Ion:117 Resp: 682398
Ion Ratio Lower Upper
117 100
82 54.2 41.8 62.6
119 31.0 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066917.D
Acq: 28 Sep 2020 17:00

Tgt Ion:152 Resp: 310306
Ion Ratio Lower Upper
152 100
115 60.5 30.3 91.0
150 157.2 0.0 346.2

