

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082120\
 Data File : VD066359.D
 Acq On : 21 Aug 2020 15:05
 Operator : VA/SY
 Sample : VD0821SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBL01

Quant Time: Aug 22 02:27:59 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	7.97	168	245380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	348747	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	329508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	165549	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	128555	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
35) Dibromofluoromethane	7.91	113	118046	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	
50) Toluene-d8	10.34	98	431965	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	
62) 4-Bromofluorobenzene	12.63	95	142789	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	

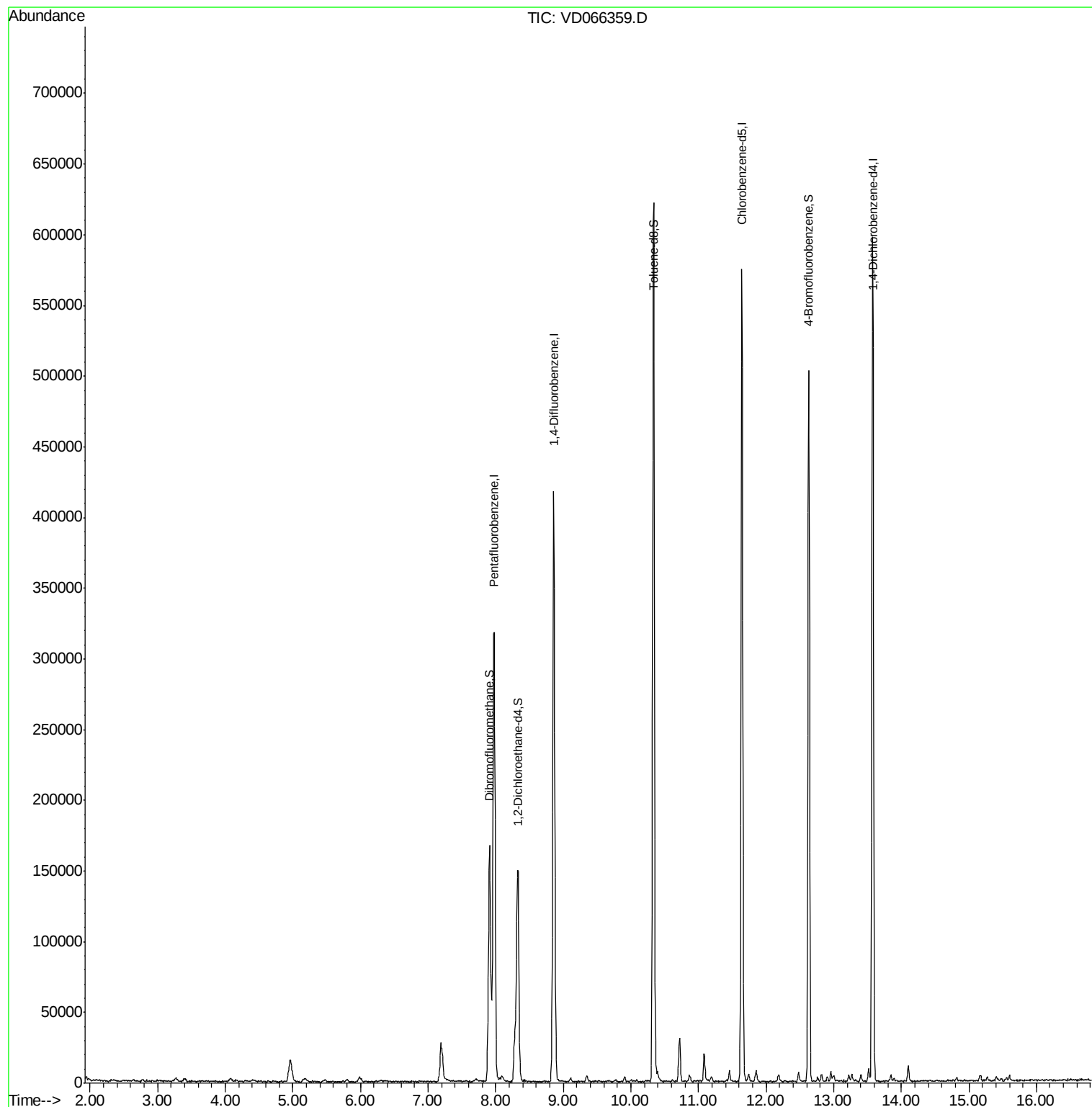
Target Compounds	Qvalue

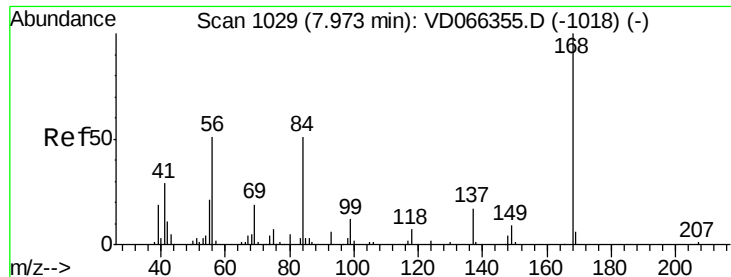
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066359.D

Acq: 21 Aug 2020 15:05

Instrument :

MSVOA_D

ClientSampleId :

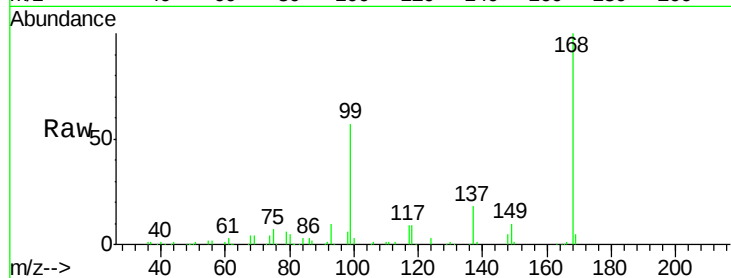
VD0821SBL01

Tot Ion:168 Resp: 245380

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

7.97

120000

100000

80000

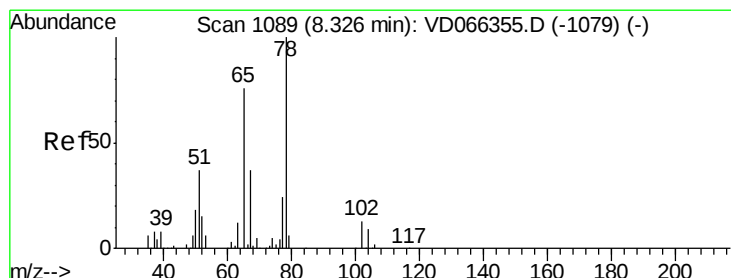
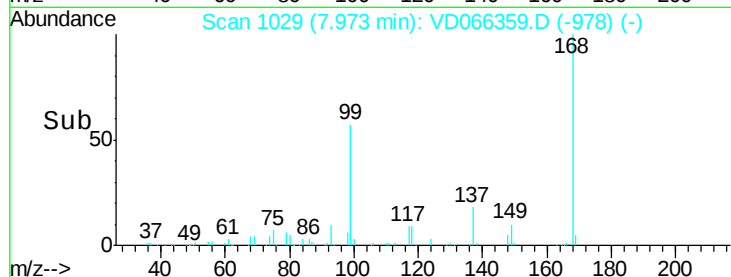
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.438 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066359.D

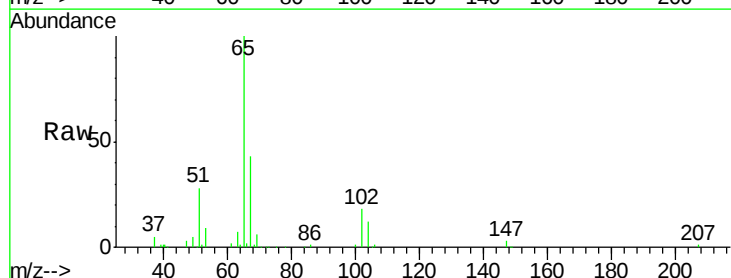
Acq: 21 Aug 2020 15:05

Tgt Ion: 65 Resp: 128555

Ion Ratio Lower Upper

65 100

67 47.7 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

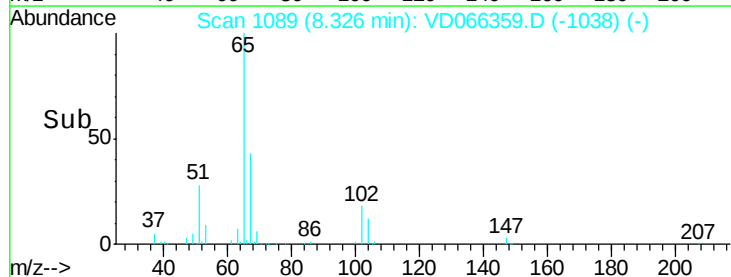
60000

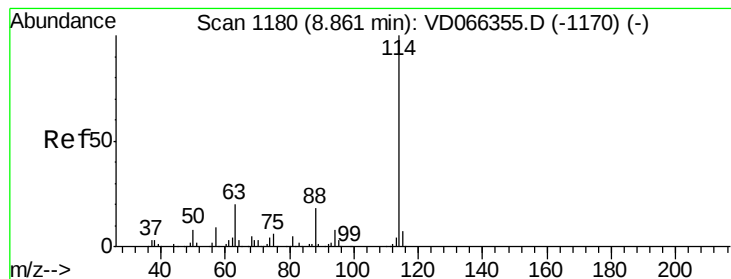
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066359.D

Acq: 21 Aug 2020 15:05

Instrument :

MSVOA_D

ClientSampleId :

VD0821SBL01

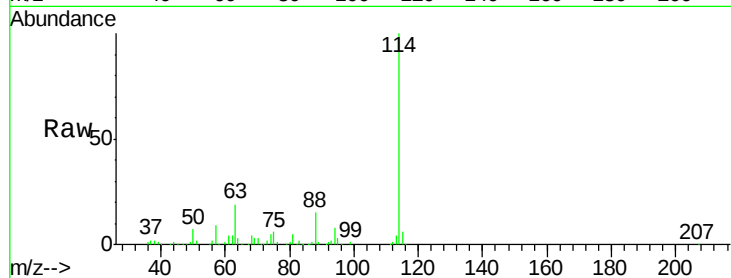
Tot Ion:114 Resp: 348747

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.8

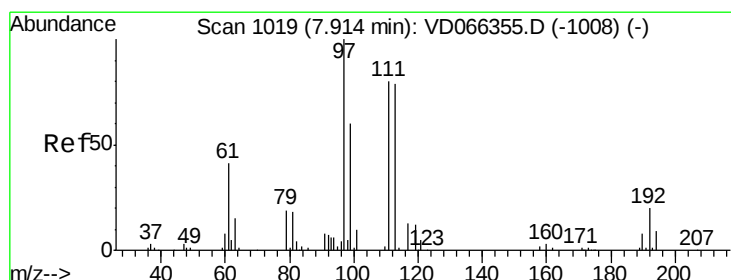
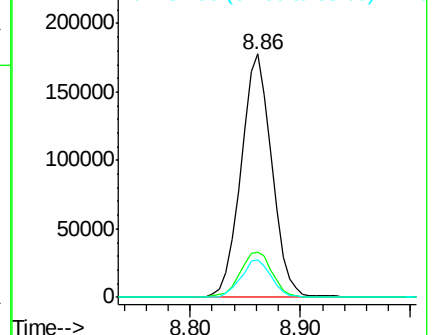
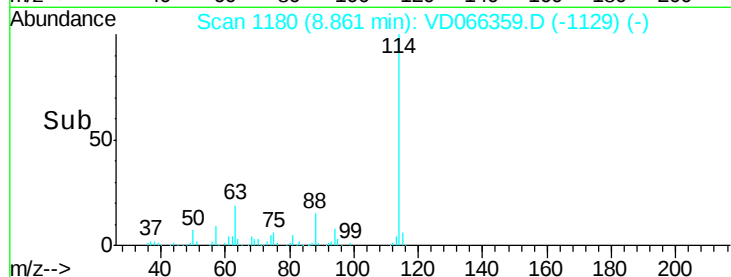
88 15.5 0.0 35.4



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: 54.131 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066359.D

Acq: 21 Aug 2020 15:05

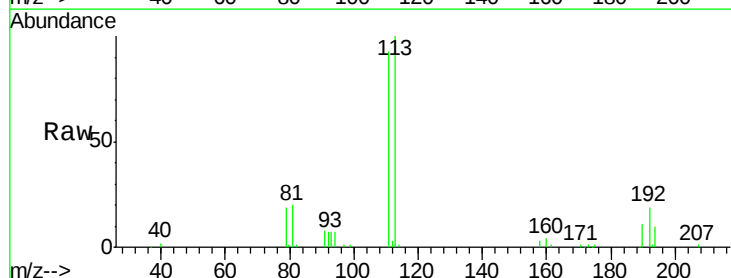
Tgt Ion:113 Resp: 118046

Ion Ratio Lower Upper

113 100

111 98.4 80.3 120.5

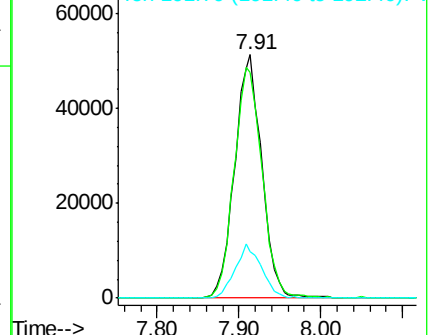
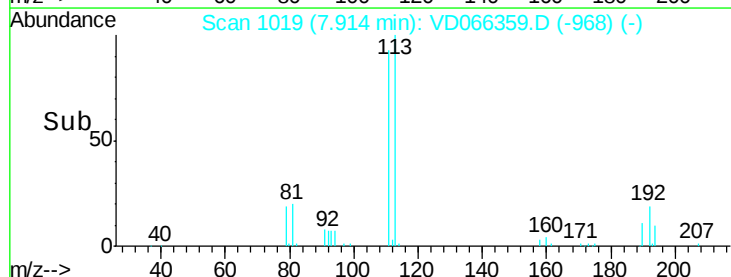
192 21.6 19.0 28.6

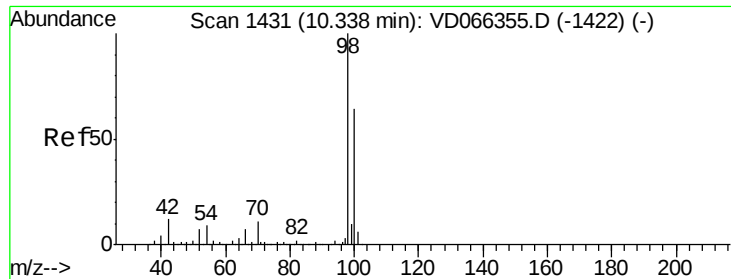


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

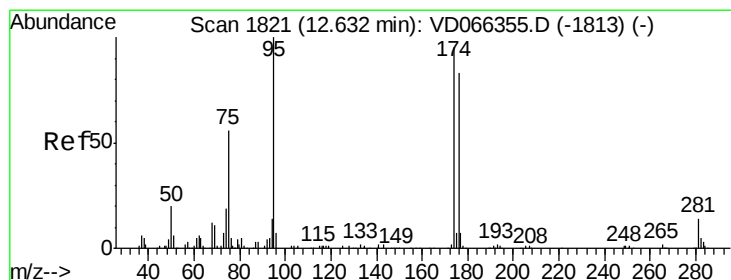
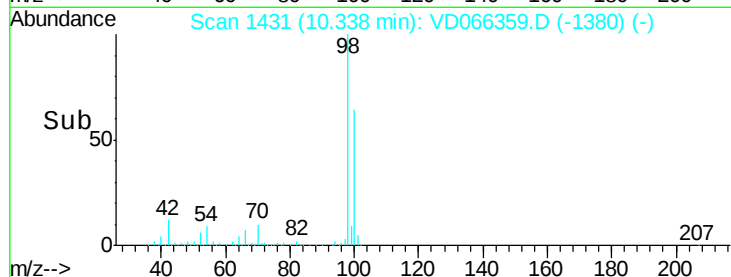
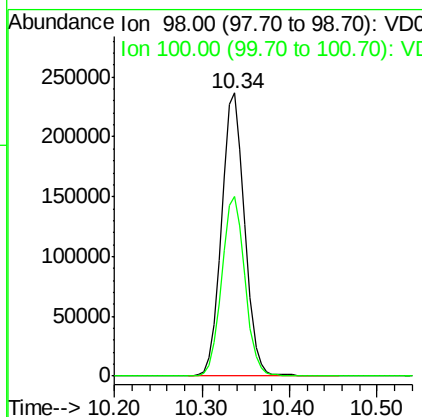
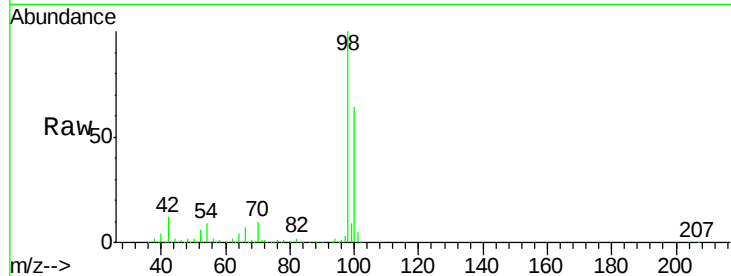




#50
Toluene-d8
Concen: 54.137 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066359.D
Acq: 21 Aug 2020 15:05

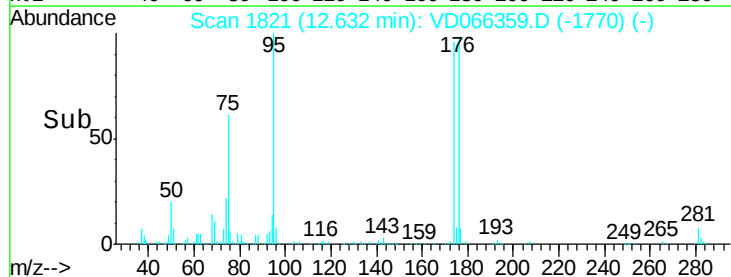
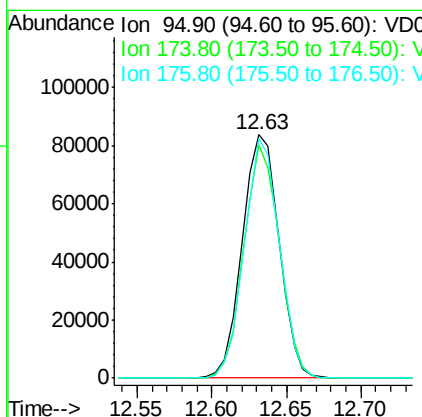
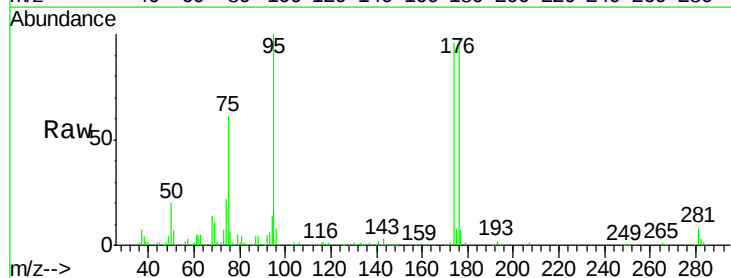
Instrument :
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VD0821SBL01

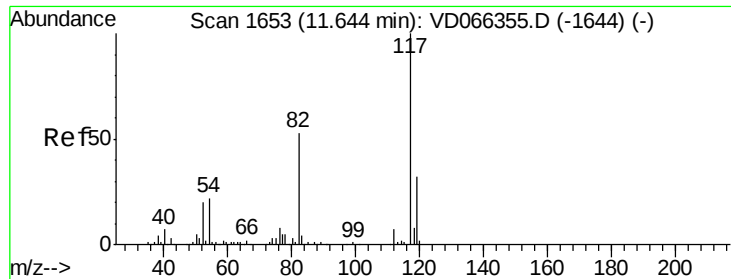
Tot Ion: 98 Resp: 431965
Ion Ratio Lower Upper
98 100
100 63.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.432 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066359.D
Acq: 21 Aug 2020 15:05

Tgt Ion: 95 Resp: 142789
Ion Ratio Lower Upper
95 100
174 92.8 0.0 183.4
176 93.8 0.0 173.8

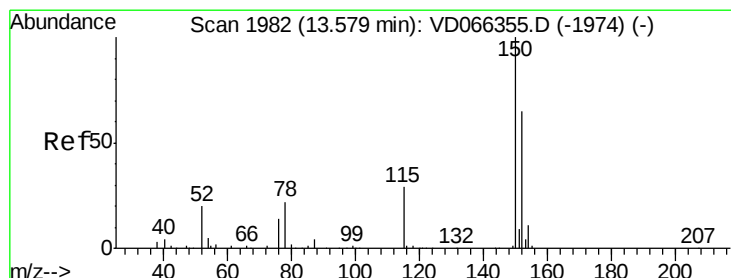
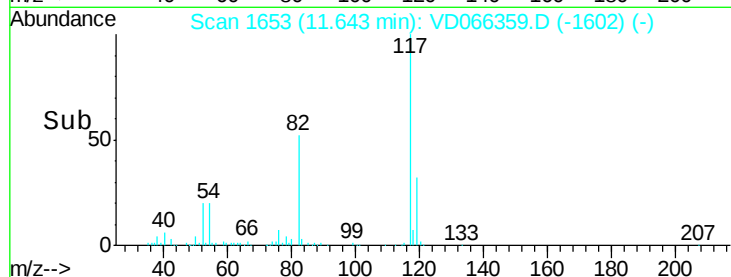
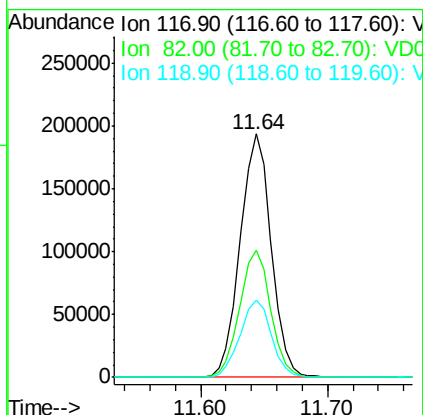
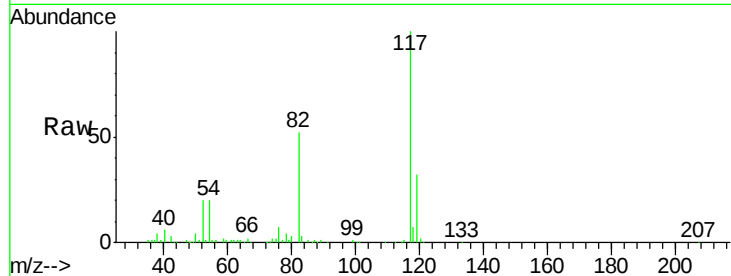




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066359.D
Acq: 21 Aug 2020 15:05

Instrument :
MSVOA_D
ClientSampleId :
VD0821SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.8	64.2
119	31.6	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: VD066359.D
Acq: 21 Aug 2020 15:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.3	85.0
150	156.1	0.0	343.2

