

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
 Data File : VD066914.D
 Acq On : 28 Sep 2020 15:37
 Operator : VA/SY
 Sample : L4173-01
 Misc : 3.65G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-(3FT)

Quant Time: Sep 29 01:42:08 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	10260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	16186	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	17357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	9383	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	8543	85.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	170.14%	
35) Dibromofluoromethane	7.91	113	3171	30.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.58%	
50) Toluene-d8	10.34	98	19242	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
62) 4-Bromofluorobenzene	12.63	95	8453	70.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.76%	

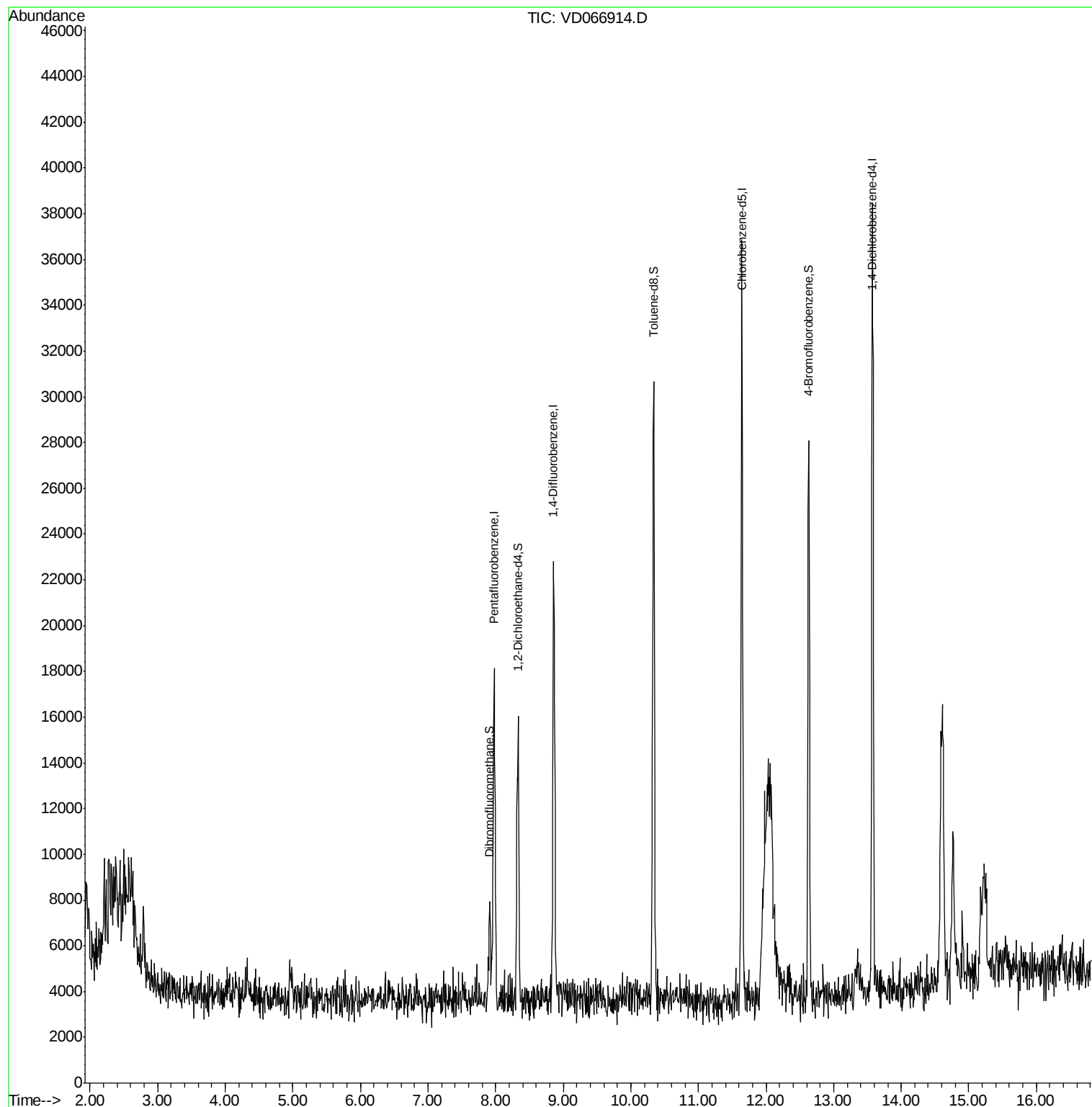
Target Compounds	Qvalue

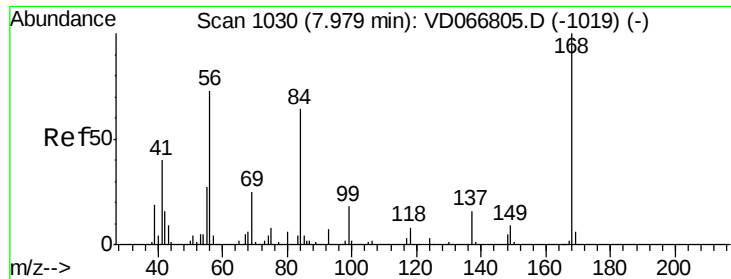
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

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Acq: 28 Sep 2020 15:37

Instrument :

MSVOA_D

ClientSampleId :

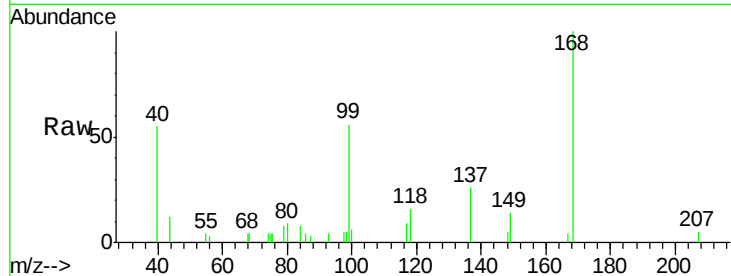
TP-1-(3FT)

Tot Ion:168 Resp: 10260

Ion Ratio Lower Upper

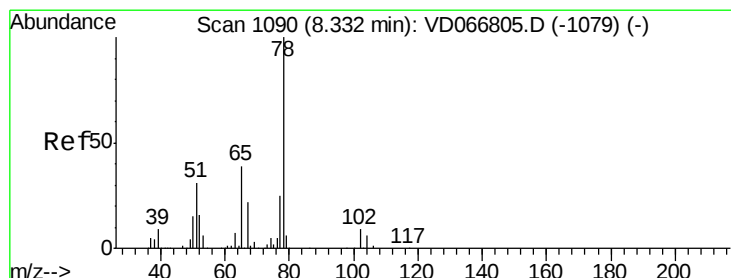
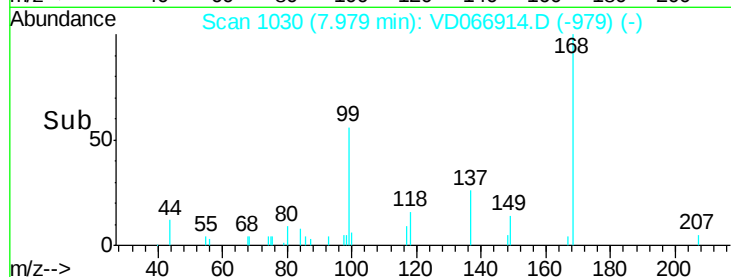
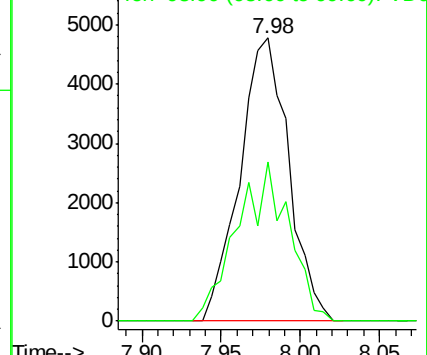
168 100

99 56.1 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: 85.072 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066914.D

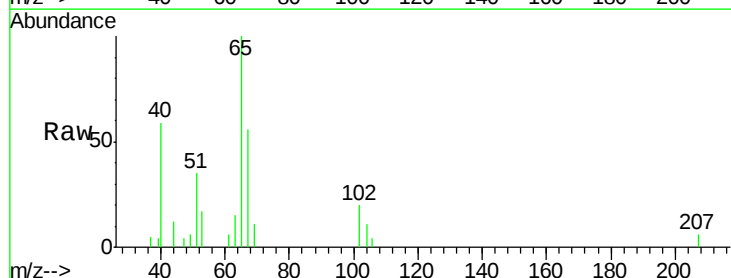
Acq: 28 Sep 2020 15:37

Tgt Ion: 65 Resp: 8543

Ion Ratio Lower Upper

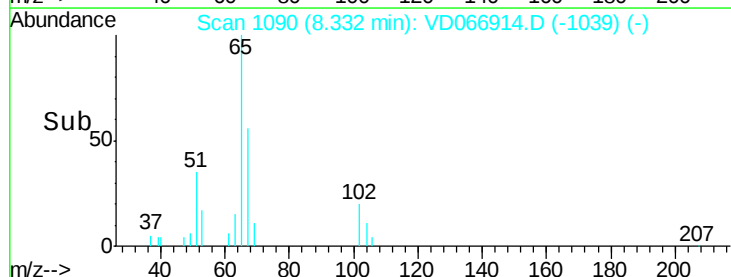
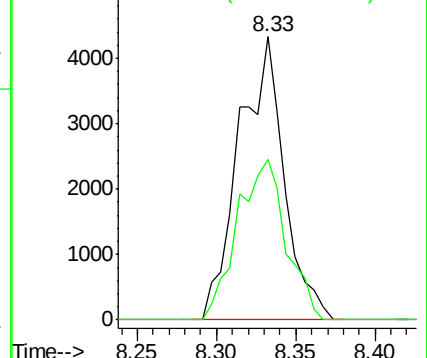
65 100

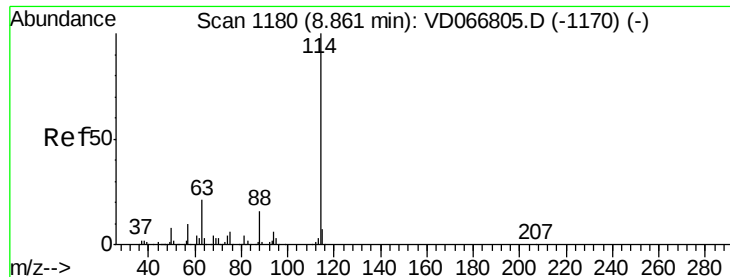
67 60.9 0.0 107.2



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: VD066914.D

Acq: 28 Sep 2020 15:37

Instrument :

MSVOA_D

ClientSampleId :

TP-1-(3FT)

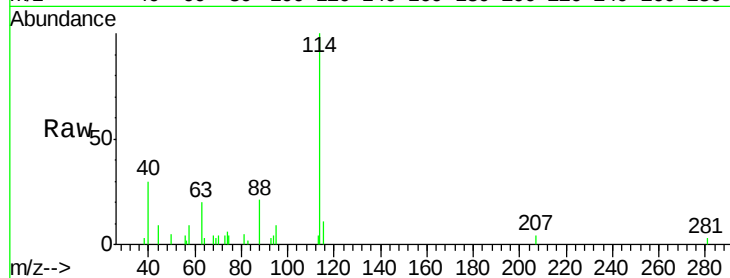
Tot Ion:114 Resp: 16186

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

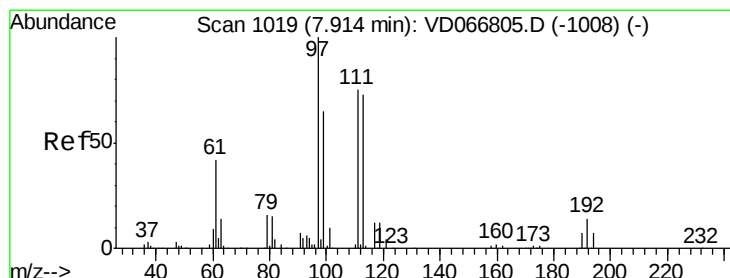
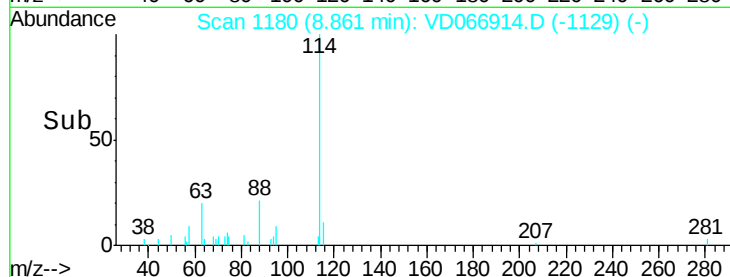
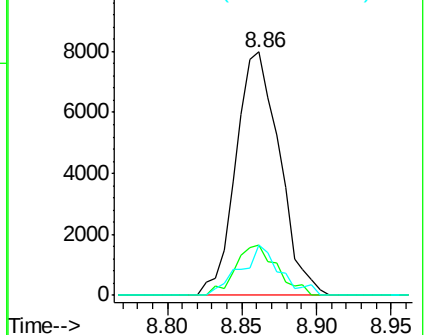
88 20.8 0.0 32.6



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: 30.794 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066914.D

Acq: 28 Sep 2020 15:37

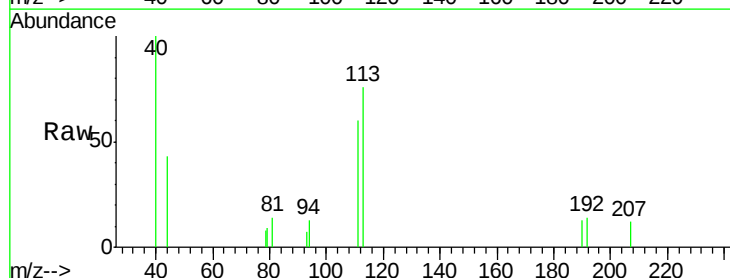
Tgt Ion:113 Resp: 3171

Ion Ratio Lower Upper

113 100

111 108.3 81.8 122.8

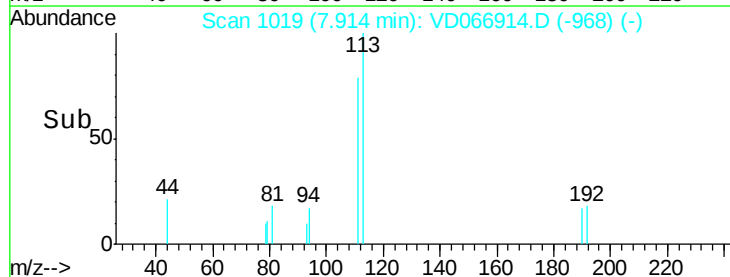
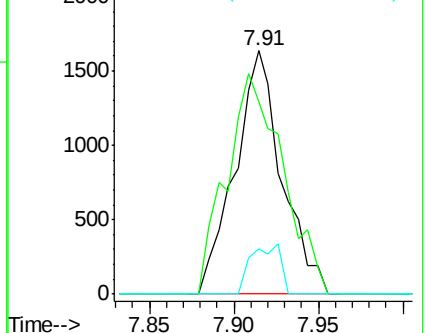
192 12.8 14.4 21.6#

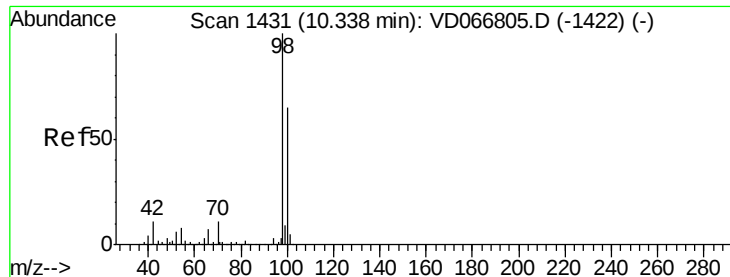


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.843 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066914.D

Acq: 28 Sep 2020 15:37

Instrument :

MSVOA_D

ClientSampleId :

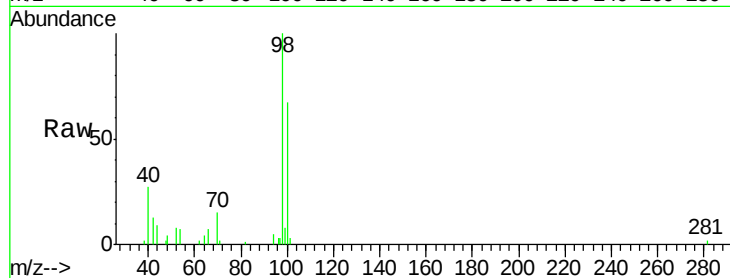
TP-1-(3FT)

Tot Ion: 98 Resp: 19242

Ion Ratio Lower Upper

98 100

100 67.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

12000

10000

8000

6000

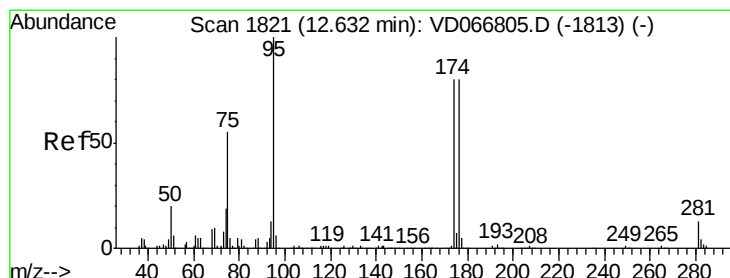
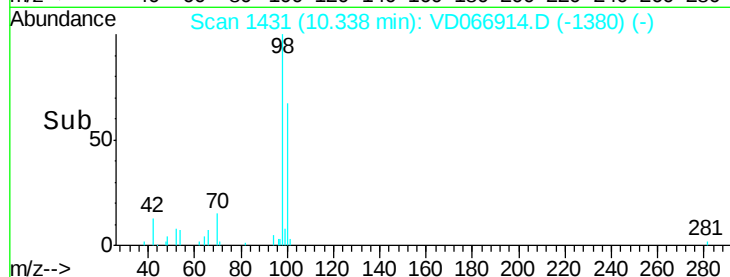
4000

2000

0

Time-->

10.25 10.30 10.35 10.40



#62

4-Bromofluorobenzene

Concen: 70.377 ug/l

RT: 12.63 min Scan# 1820

Delta R.T. -0.01 min

Lab File: VD066914.D

Acq: 28 Sep 2020 15:37

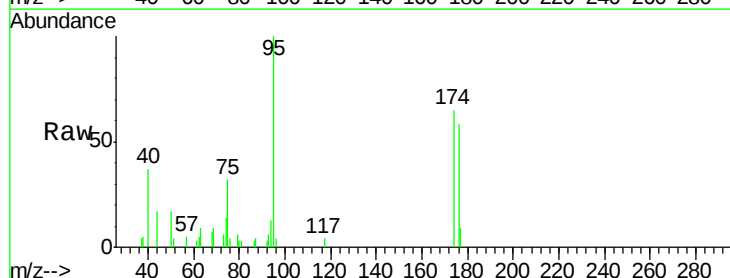
Tgt Ion: 95 Resp: 8453

Ion Ratio Lower Upper

95 100

174 83.4 0.0 159.8

176 72.3 0.0 154.4



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

6000

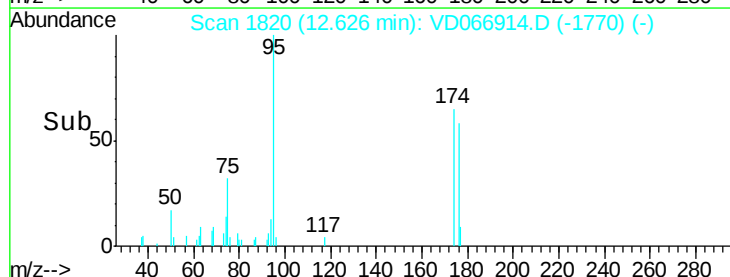
4000

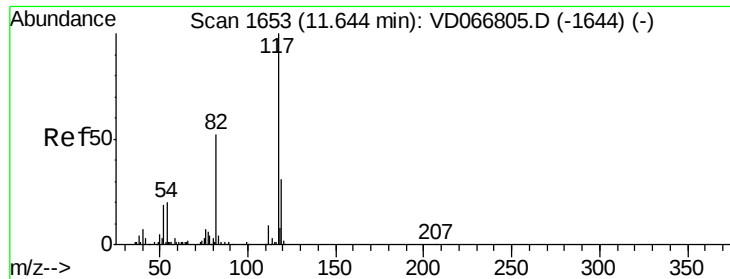
2000

0

Time-->

12.55 12.60 12.65 12.70

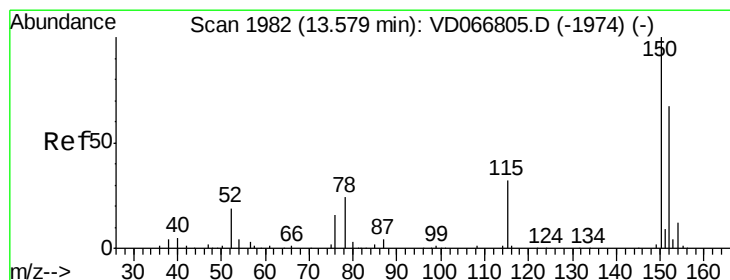
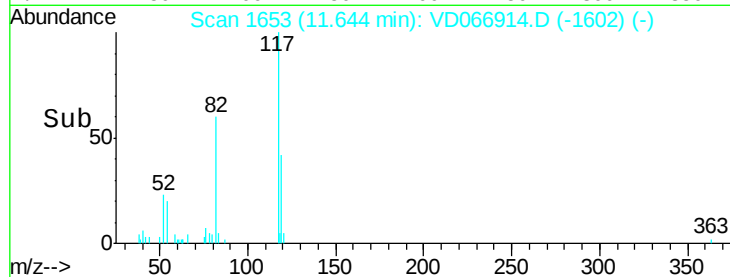
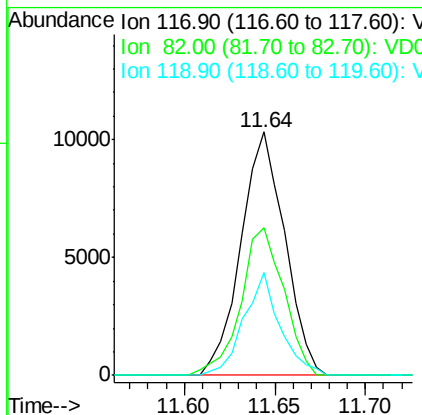
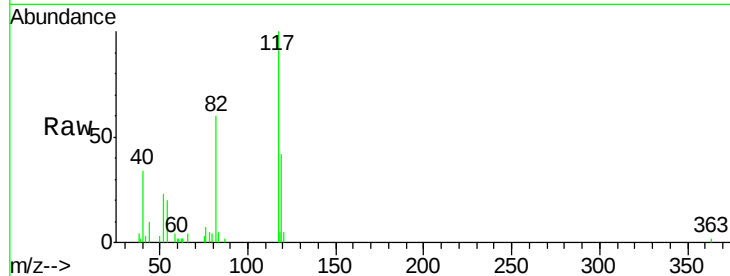




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066914.D
Acq: 28 Sep 2020 15:37

Instrument :
MSVOA_D
ClientSampleId :
TP-1-(3FT)

Tot Ion:117 Resp: 17357
Ion Ratio Lower Upper
117 100
82 60.4 41.8 62.6
119 42.5 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: VD066914.D
Acq: 28 Sep 2020 15:37

Tgt Ion:152 Resp: 9383
Ion Ratio Lower Upper
152 100
115 57.4 30.3 91.0
150 150.6 0.0 346.2

