

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
 Data File : VD066420.D
 Acq On : 26 Aug 2020 15:05
 Operator : VA/SY
 Sample : L3793-13
 Misc : 7.2G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

Quant Time: Aug 27 08:18:03 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	204729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	296984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	274269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	142099	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	114920	57.26	ug/l	0.00
Spiked Amount						
			Recovery	=	114.52%	
35) Dibromofluoromethane	7.91	113	93151	50.16	ug/l	0.00
Spiked Amount						
			Recovery	=	100.32%	
50) Toluene-d8	10.34	98	347558	51.15	ug/l	0.00
Spiked Amount						
			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.63	95	120464	49.96	ug/l	0.00
Spiked Amount						
			Recovery	=	99.92%	

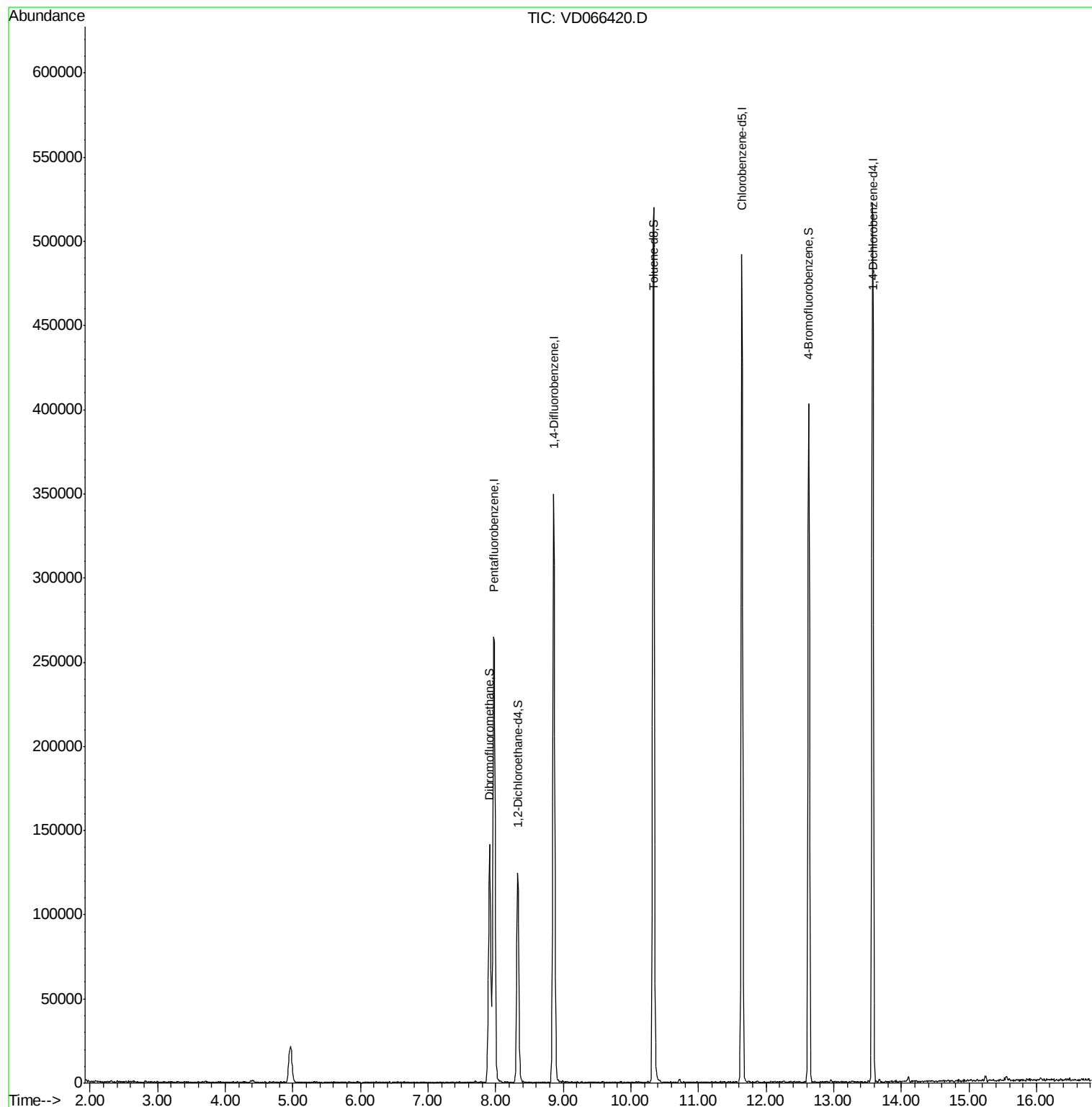
Target Compounds	Qvalue
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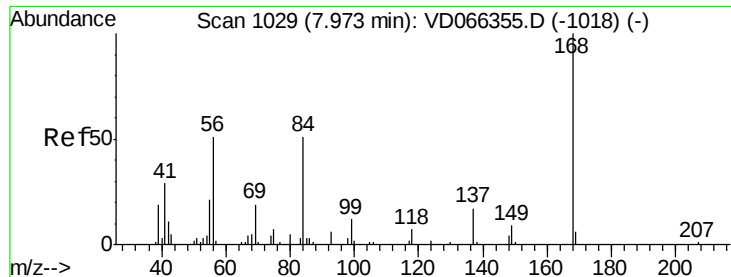
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066420.D

Acq: 26 Aug 2020 15:05

Instrument :

MSVOA_D

ClientSampled :

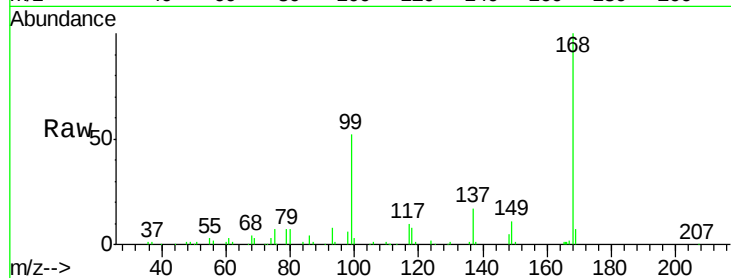
TP-5

Tot Ion:168 Resp: 204729

Ion Ratio Lower Upper

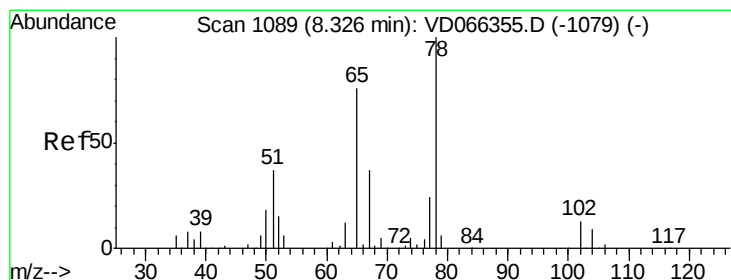
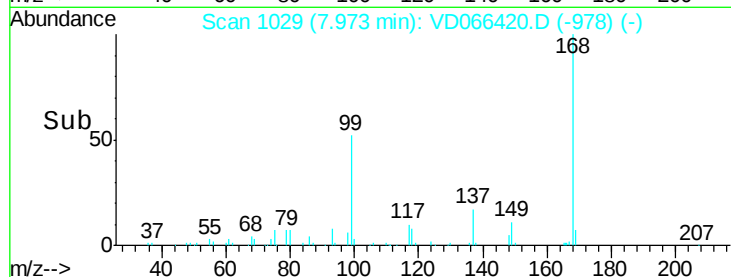
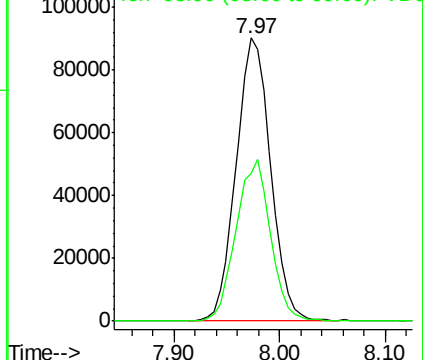
168 100

99 52.4 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: 57.255 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066420.D

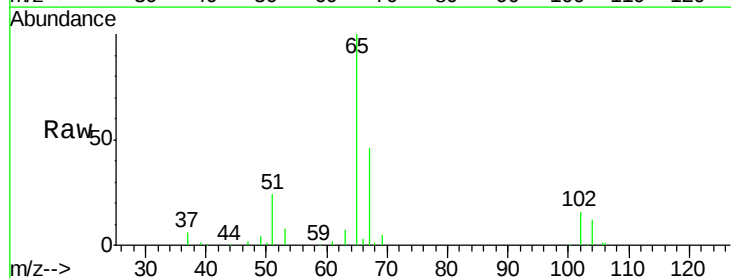
Acq: 26 Aug 2020 15:05

Tgt Ion: 65 Resp: 114920

Ion Ratio Lower Upper

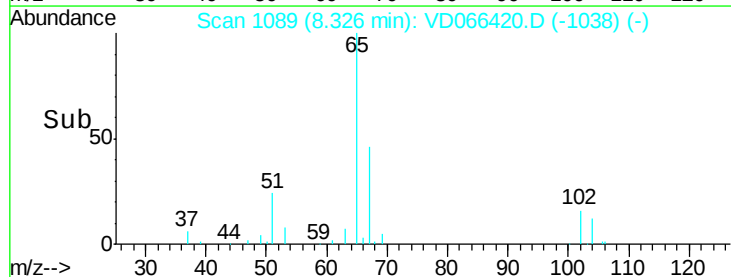
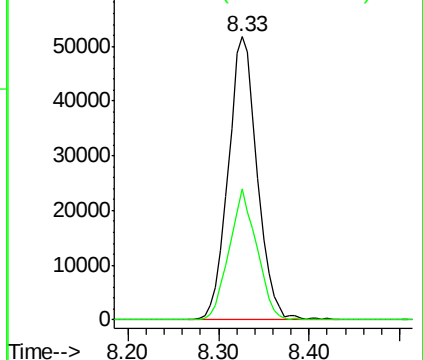
65 100

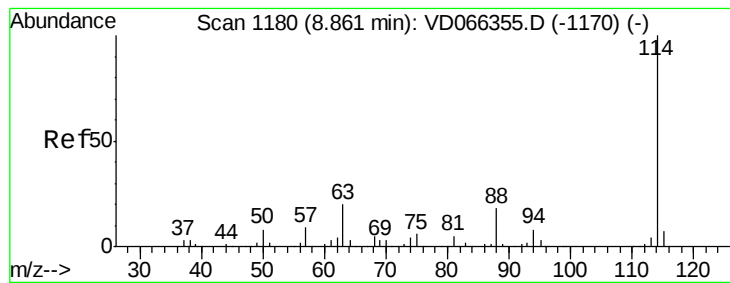
67 44.2 0.0 101.6



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: VD066420.D

Acq: 26 Aug 2020 15:05

Instrument :

MSVOA_D

ClientSampleId :

TP-5

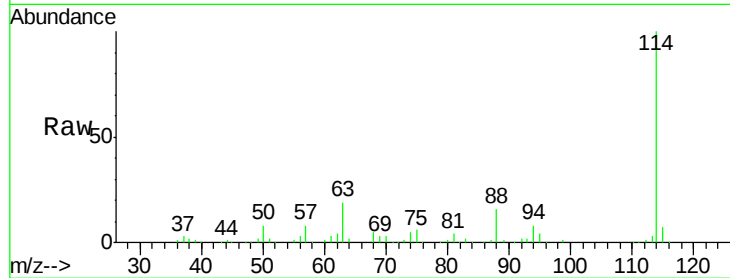
Tot Ion:114 Resp: 296984

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.8

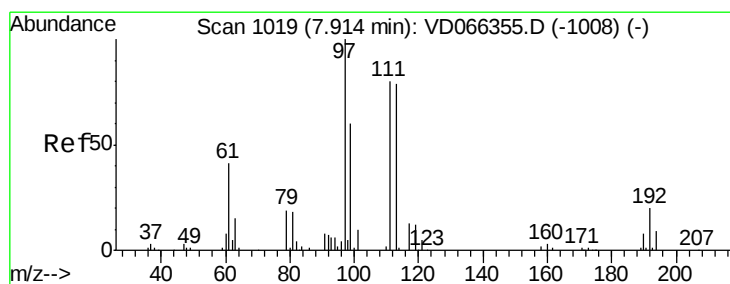
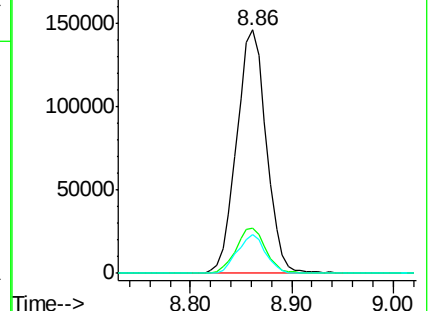
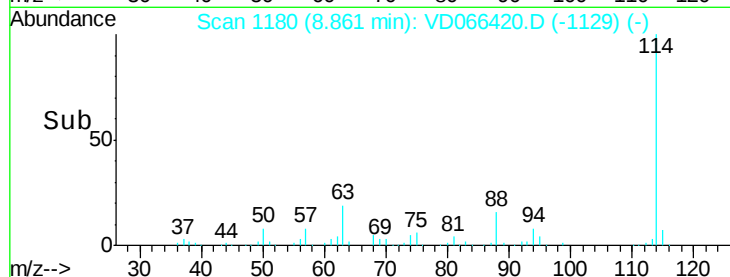
88 15.8 0.0 35.4



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: 50.160 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066420.D

Acq: 26 Aug 2020 15:05

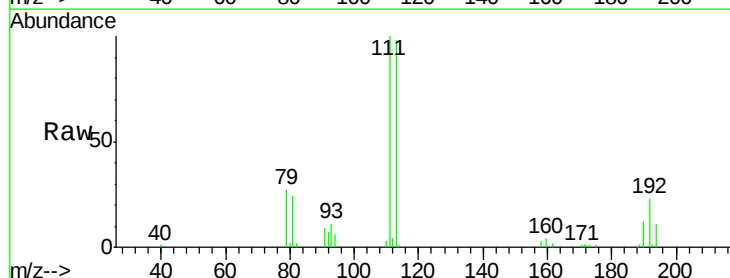
Tgt Ion:113 Resp: 93151

Ion Ratio Lower Upper

113 100

111 105.1 80.3 120.5

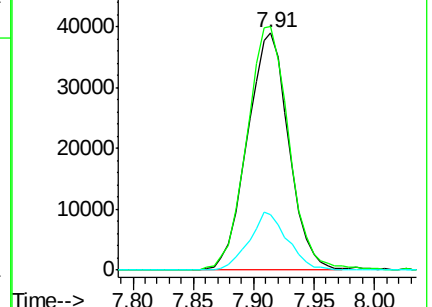
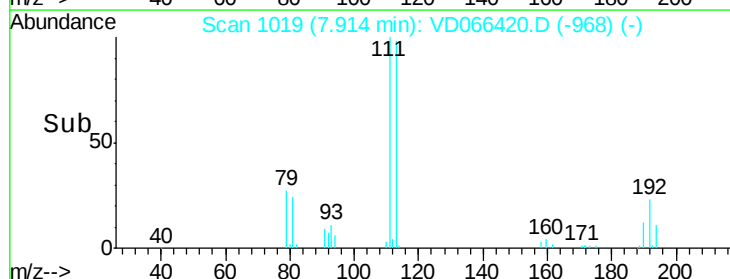
192 22.7 19.0 28.6

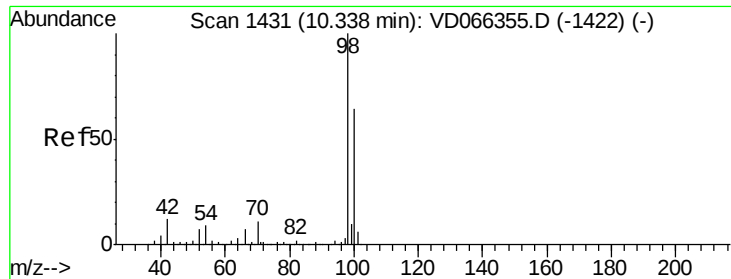


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.151 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066420.D

Acq: 26 Aug 2020 15:05

Instrument :

MSVOA_D

ClientSampleId :

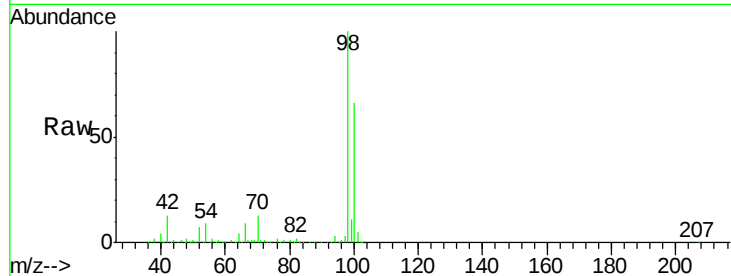
TP-5

Tot Ion: 98 Resp: 347558

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

200000

150000

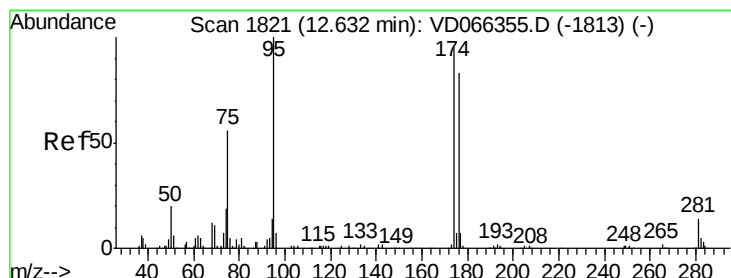
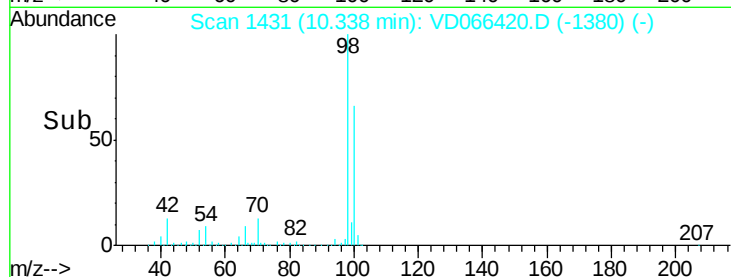
100000

50000

0

10.30 10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 49.963 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066420.D

Acq: 26 Aug 2020 15:05

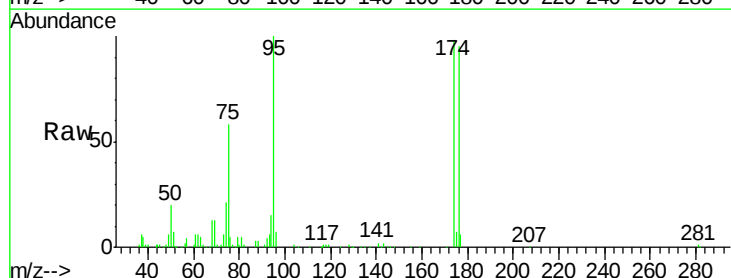
Tgt Ion: 95 Resp: 120464

Ion Ratio Lower Upper

95 100

174 96.6 0.0 183.4

176 93.8 0.0 173.8



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

12.63

80000

60000

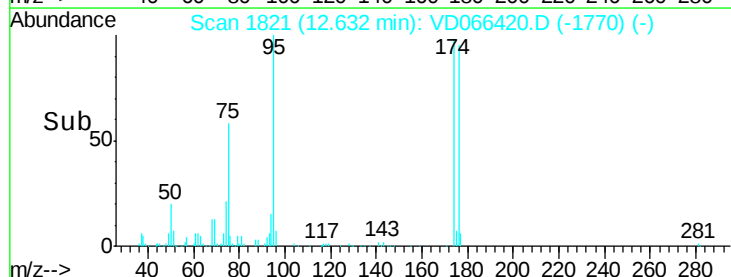
40000

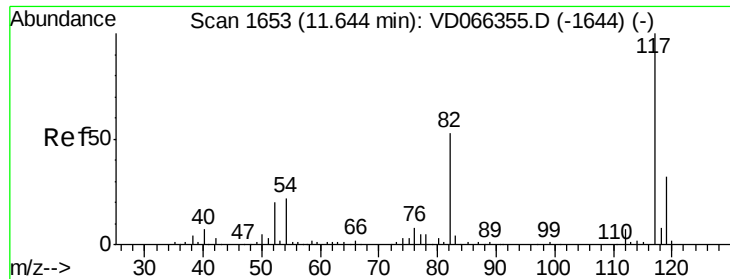
20000

0

12.55 12.60 12.65 12.70

Time-->

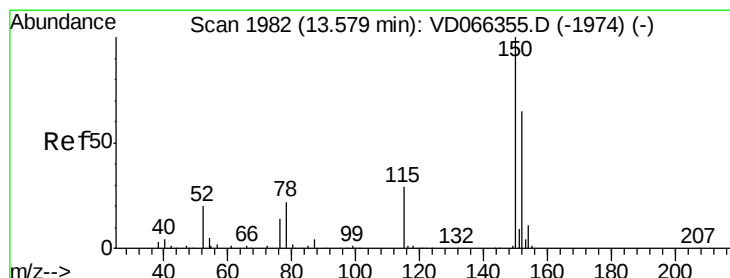
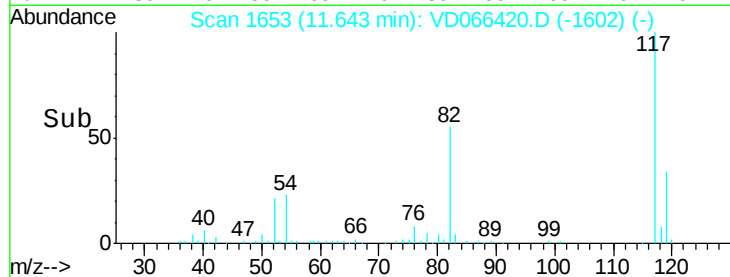
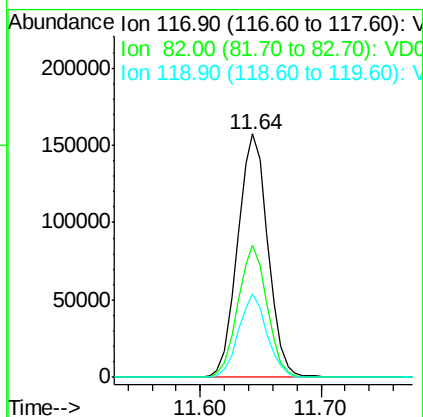
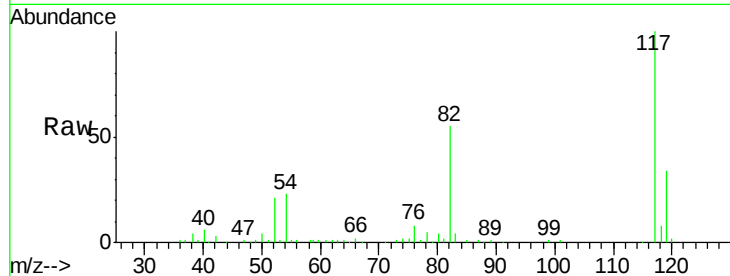




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066420.D
Acq: 26 Aug 2020 15:05

Instrument :
MSVOA_D
ClientSampleId :
TP-5

Tot Ion:117 Resp: 274269
Ion Ratio Lower Upper
117 100
82 54.5 42.8 64.2
119 34.1 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: VD066420.D
Acq: 26 Aug 2020 15:05

Tgt Ion:152 Resp: 142099
Ion Ratio Lower Upper
152 100
115 56.8 28.3 85.0
150 155.0 0.0 343.2

