

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021020\
 Data File : VD065130.D
 Acq On : 10 Feb 2020 13:53
 Operator : VA/SY
 Sample : L1470-07
 Misc : 5.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PE-6-(SIDE-WALL)-NORTH

Quant Time: Feb 11 08:23:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

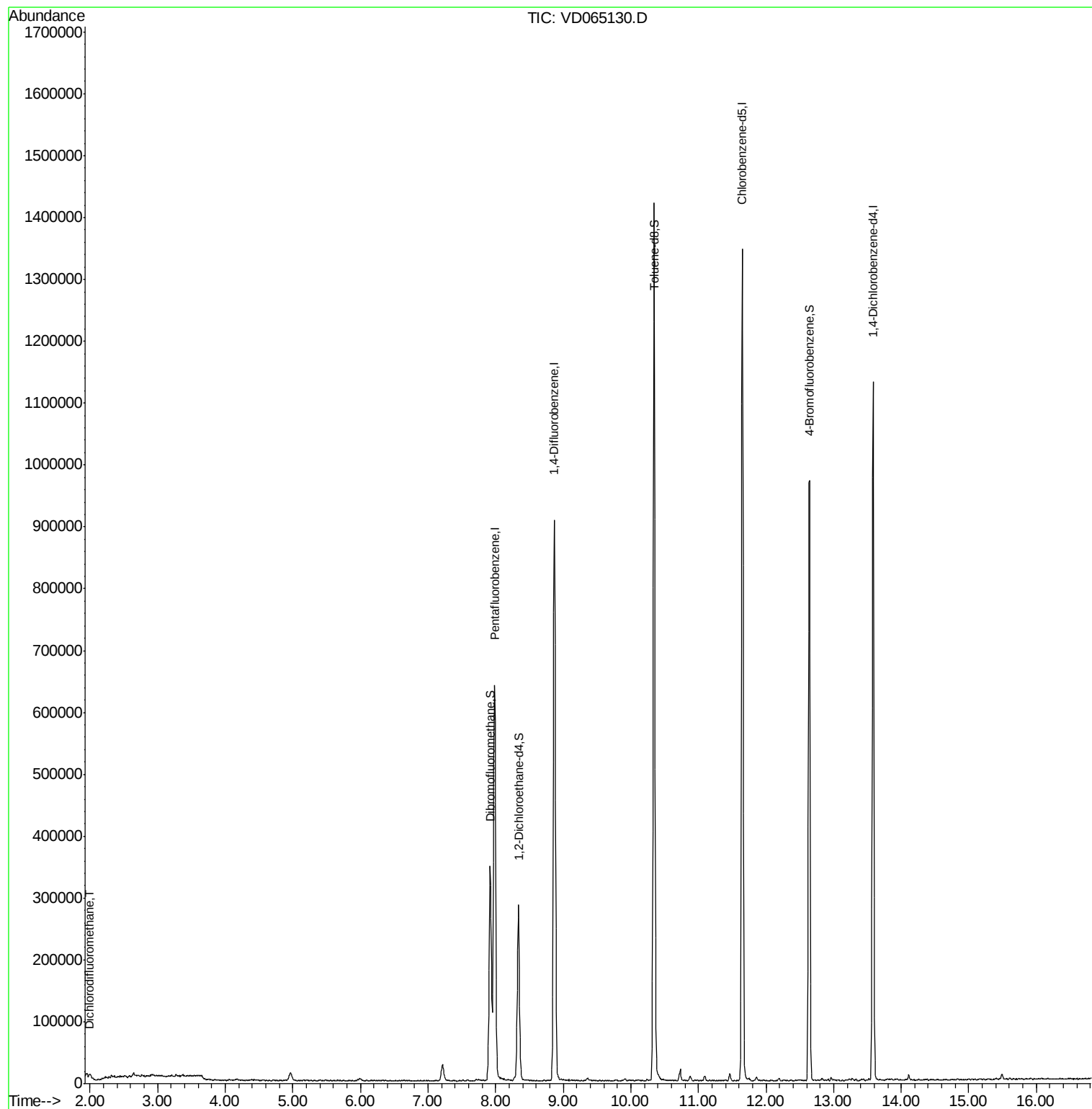
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	501984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	796781	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	758212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	297518	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	217623	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
35) Dibromofluoromethane	7.92	113	241820	54.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.80%	
50) Toluene-d8	10.34	98	960836	54.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.60%	
62) 4-Bromofluorobenzene	12.64	95	301381	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	5392	1.291	ug/l	Qvalue 90

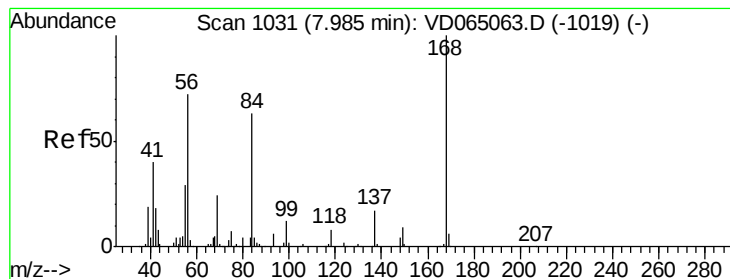
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021020\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065130.D

Acq: 10 Feb 2020 13:53

Instrument :

MSVOA_D

ClientSampleId :

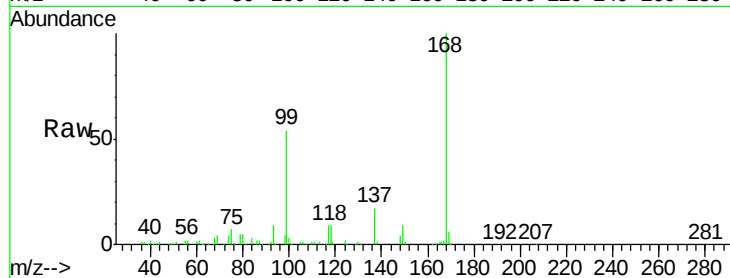
PE-6-(SIDE-WALL)-NORTH

Tot Ion:168 Resp: 501984

Ion Ratio Lower Upper

168 100

99 54.1 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

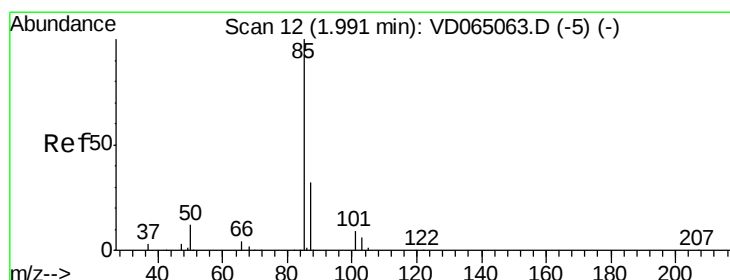
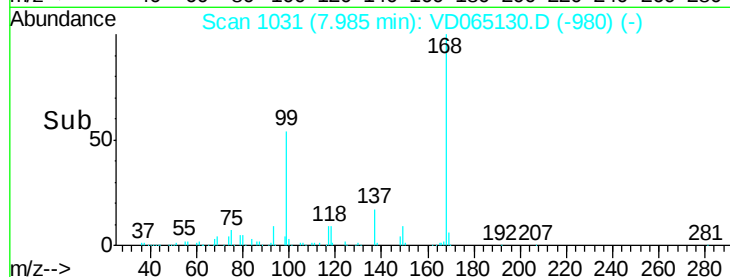
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.291 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065130.D

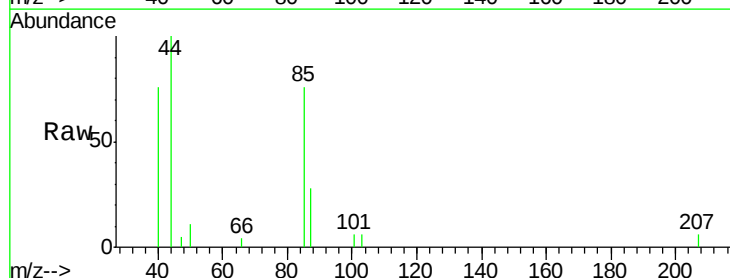
Acq: 10 Feb 2020 13:53

Tgt Ion: 85 Resp: 5392

Ion Ratio Lower Upper

85 100

87 37.3 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

4000

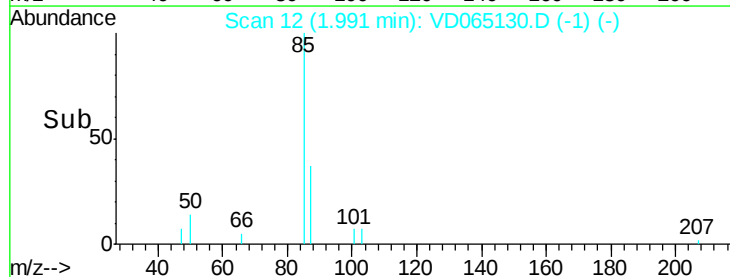
3000

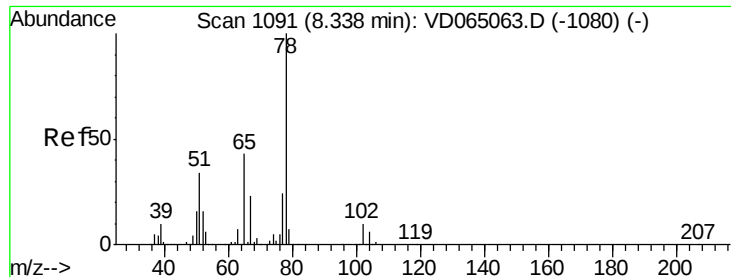
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.008 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065130.D

Acq: 10 Feb 2020 13:53

Instrument :

MSVOA_D

ClientSampleId :

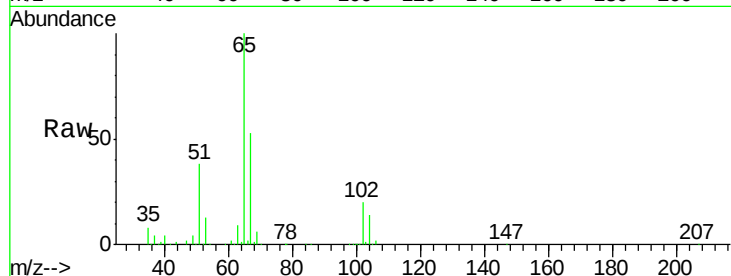
PE-6-(SIDE-WALL)-NORTH

Tot Ion: 65 Resp: 217623

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VD065130.D (-1040) (-)

Ion 66.90 (66.60 to 67.60): VD065130.D (-1040) (-)

8.34

100000

80000

60000

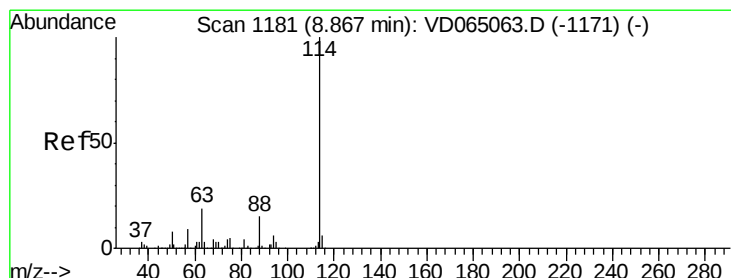
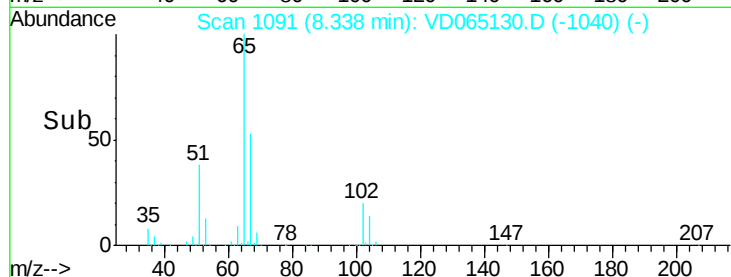
40000

20000

0

8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065130.D

Acq: 10 Feb 2020 13:53

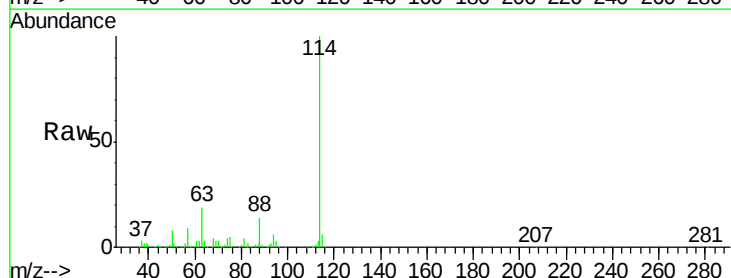
Tgt Ion: 114 Resp: 796781

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.8

88 14.3 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): VD065130.D (-1130) (-)

Ion 63.00 (62.70 to 63.70): VD065130.D (-1130) (-)

Ion 87.90 (87.60 to 88.60): VD065130.D (-1130) (-)

8.87

500000

400000

300000

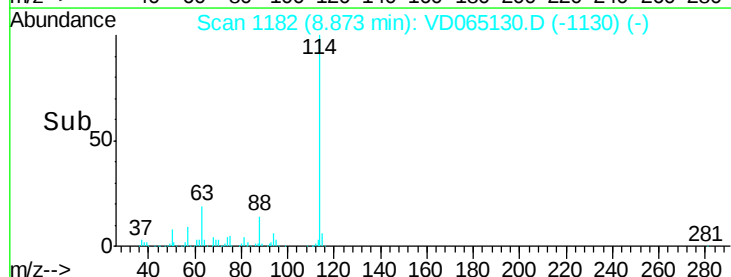
200000

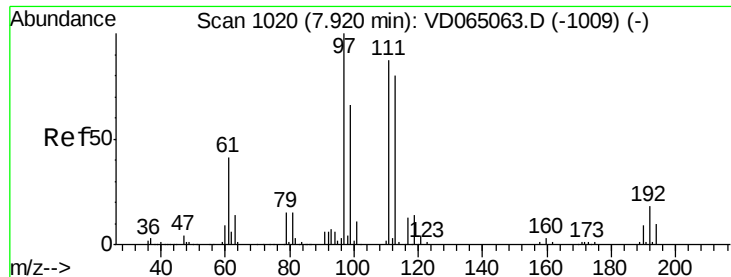
100000

0

8.80 8.90 9.00

Time-->

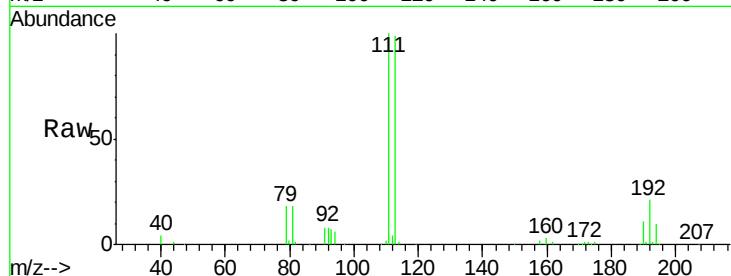




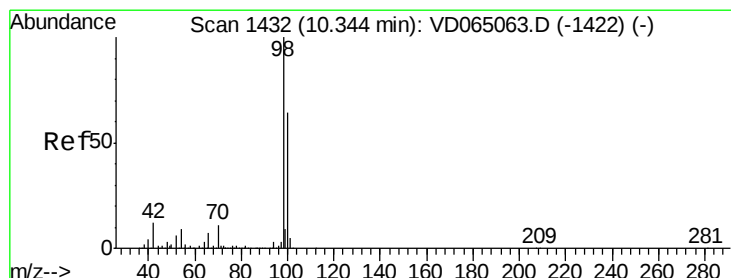
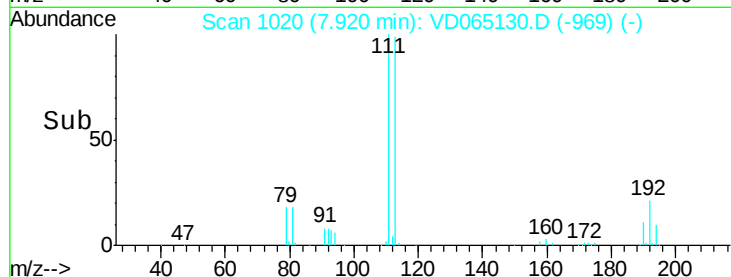
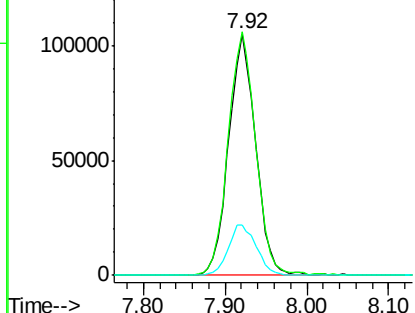
#35
Dibromofluoromethane
Concen: 54.396 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065130.D
Acq: 10 Feb 2020 13:53

Instrument :
MSVOA_D
ClientSampleId :
PE-6-(SIDE-WALL)-NORTH

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.1	124.7
192	21.7	18.1	27.1

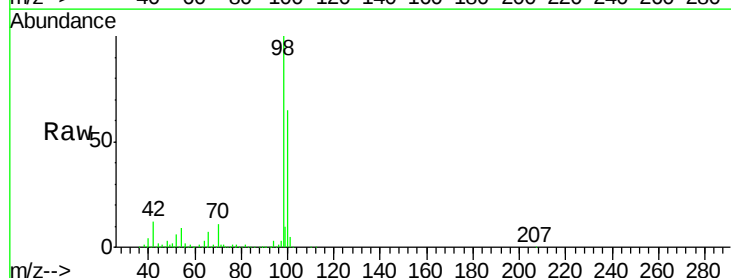


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

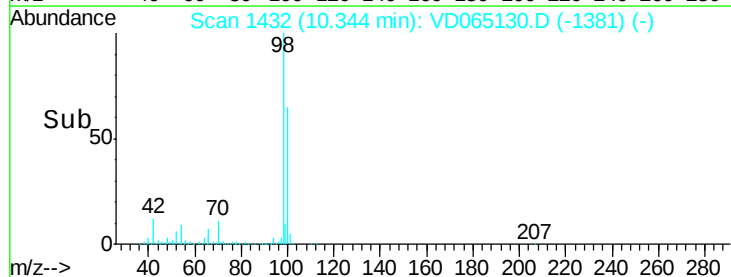
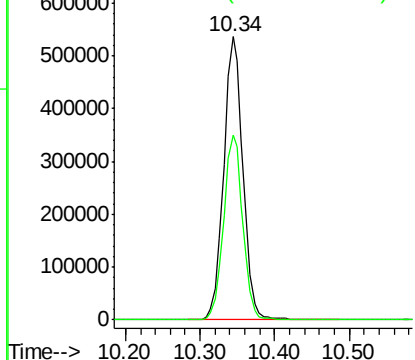


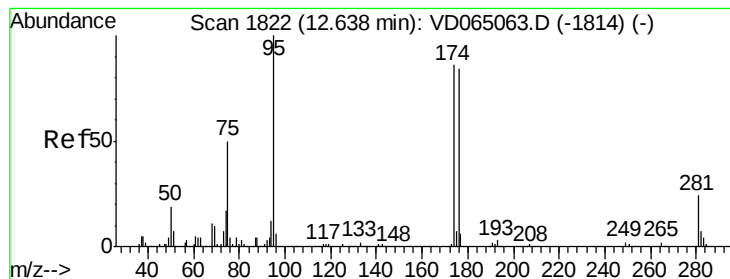
#50
Toluene-d8
Concen: 54.301 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065130.D
Acq: 10 Feb 2020 13:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.1	78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#62

4-Bromofluorobenzene

Concen: 53.753 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065130.D

Acq: 10 Feb 2020 13:53

Instrument :

MSVOA_D

ClientSampleId :

PE-6-(SIDE-WALL)-NORTH

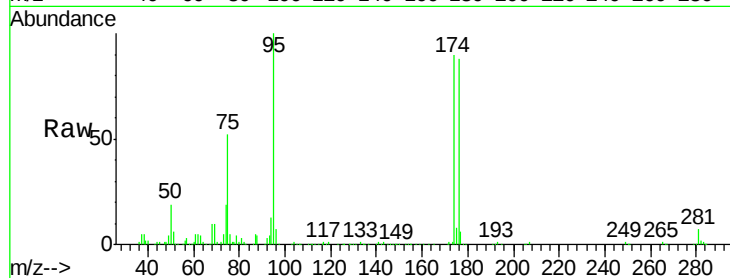
Tot Ion: 95 Resp: 301381

Ion Ratio Lower Upper

95 100

174 88.8 0.0 180.0

176 86.8 0.0 173.2

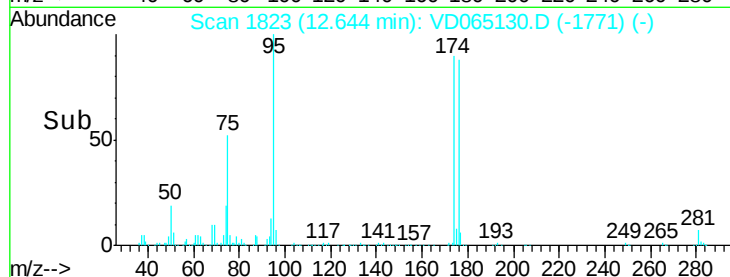


Abundance Ion 94.90 (94.60 to 95.60): VD065130.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD065130.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD065130.D (-1814) (-)

Time-->

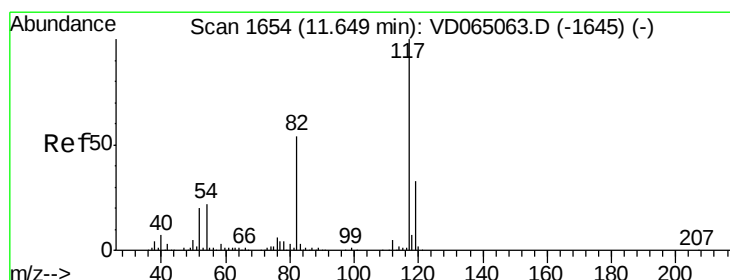


Abundance Ion 94.90 (94.60 to 95.60): VD065130.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD065130.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD065130.D (-1814) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065130.D

Acq: 10 Feb 2020 13:53

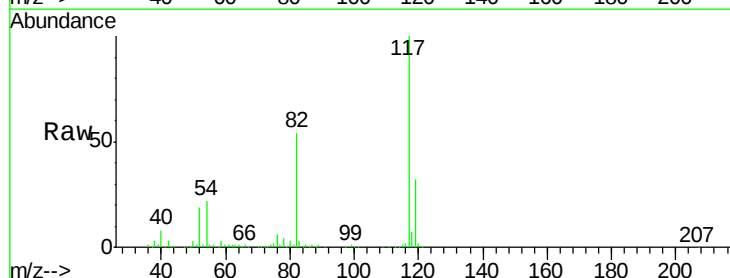
Tgt Ion: 117 Resp: 758212

Ion Ratio Lower Upper

117 100

82 53.8 43.1 64.7

119 32.5 26.0 39.0

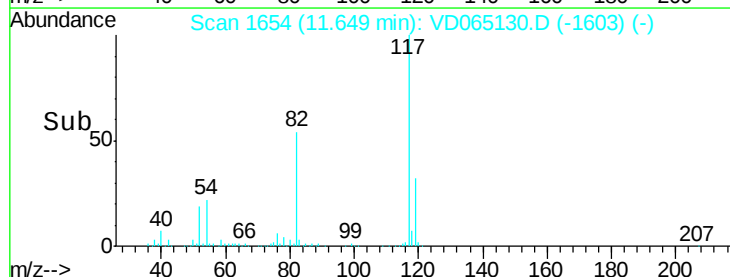


Abundance Ion 116.90 (116.60 to 117.60): VD065130.D (-1603) (-)

Ion 82.00 (81.70 to 82.70): VD065130.D (-1603) (-)

Ion 118.90 (118.60 to 119.60): VD065130.D (-1603) (-)

Time-->

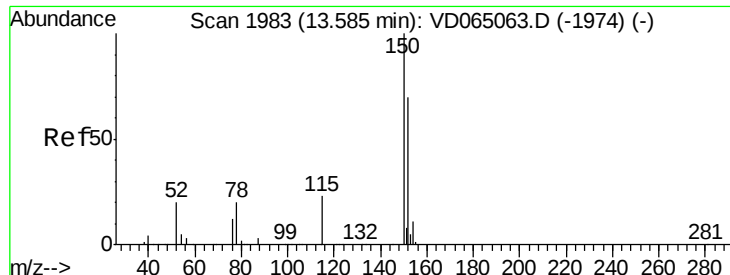


Abundance Ion 116.90 (116.60 to 117.60): VD065130.D (-1603) (-)

Ion 82.00 (81.70 to 82.70): VD065130.D (-1603) (-)

Ion 118.90 (118.60 to 119.60): VD065130.D (-1603) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065130.D

Acq: 10 Feb 2020 13:53

Instrument :

MSVOA_D

ClientSampleId :

PE-6-(SIDE-WALL)-NORTH

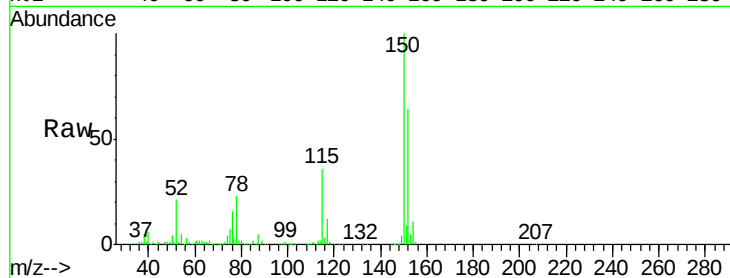
Tot Ion:152 Resp: 297518

Ion Ratio Lower Upper

152 100

115 56.1 27.5 82.4

150 157.0 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

