

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012220\
 Data File : VD064921.D
 Acq On : 22 Jan 2020 17:06
 Operator : VA/SY
 Sample : L1214-04
 Misc : 4.78G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K500-4

Quant Time: Jan 23 00:06:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

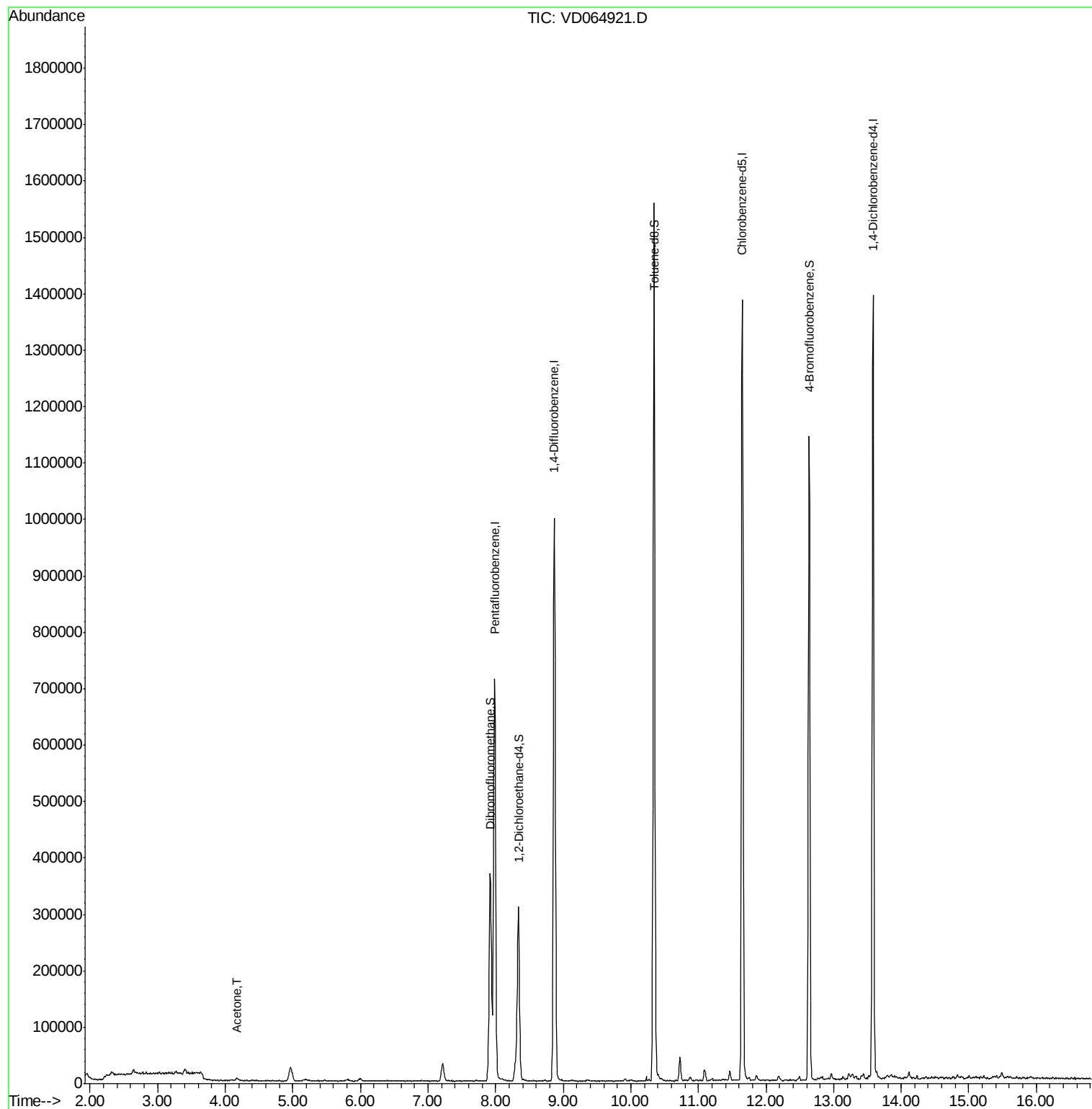
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	538693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	860428	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	788413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	369777	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	246294	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
35) Dibromofluoromethane	7.92	113	258111	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
50) Toluene-d8	10.34	98	1033275	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.64	95	332778	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
Target Compounds						
16) Acetone	4.17	43	8846	11.980	ug/l	Qvalue 91

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064921.D

Acq: 22 Jan 2020 17:06

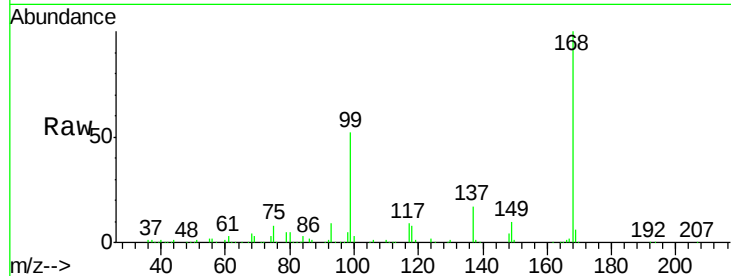
Instrument :
MSVOA_D
ClientSampleId :
K500-4

Tot Ion:168 Resp: 538693

Ion Ratio Lower Upper

168 100

99 51.7 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

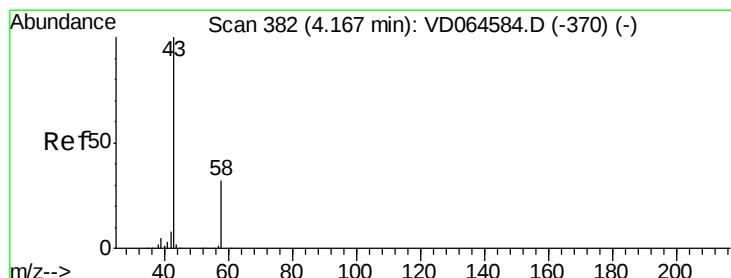
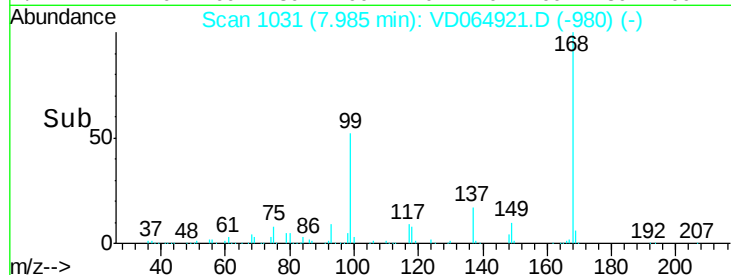
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.980 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064921.D

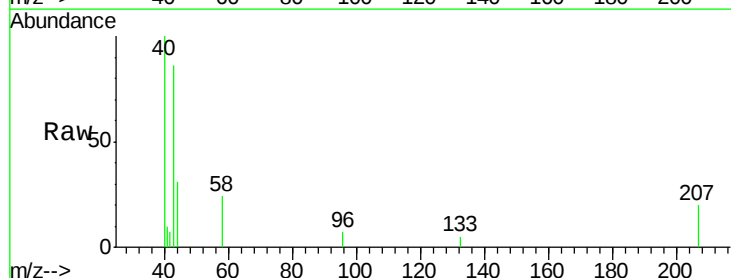
Acq: 22 Jan 2020 17:06

Tgt Ion: 43 Resp: 8846

Ion Ratio Lower Upper

43 100

58 27.4 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

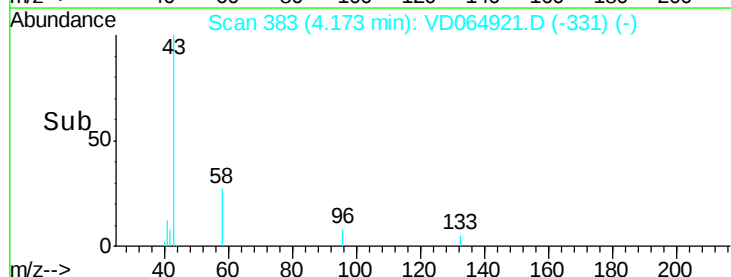
3000

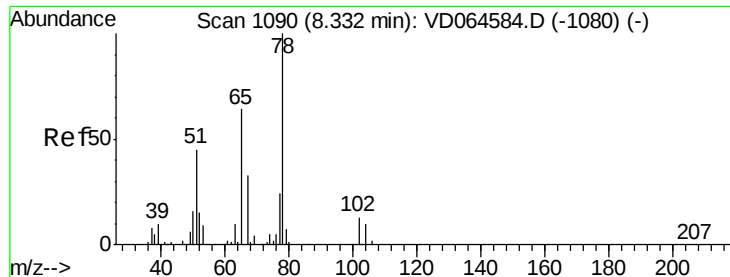
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.850 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064921.D

Acq: 22 Jan 2020 17:06

Instrument :

MSVOA_D

ClientSampleId :

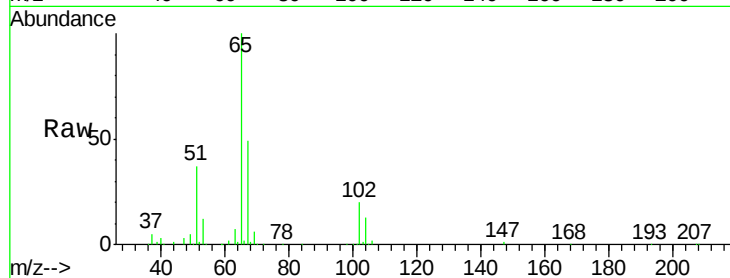
K500-4

Tot Ion: 65 Resp: 246294

Ion Ratio Lower Upper

65 100

67 50.9 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

120000

100000

80000

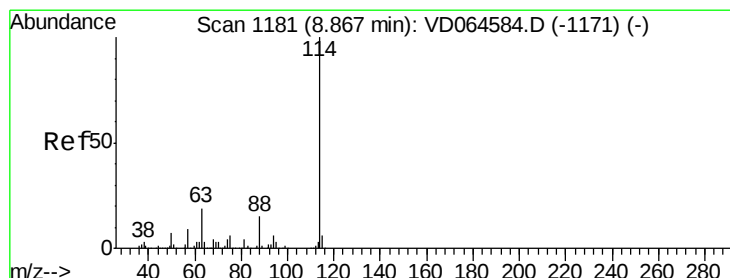
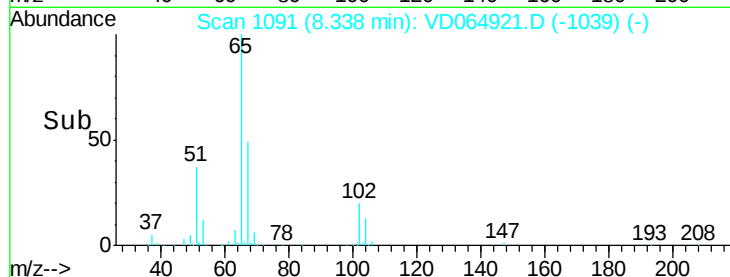
60000

40000

20000

0

Time--> 8.20 8.30 8.40 8.50



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064921.D

Acq: 22 Jan 2020 17:06

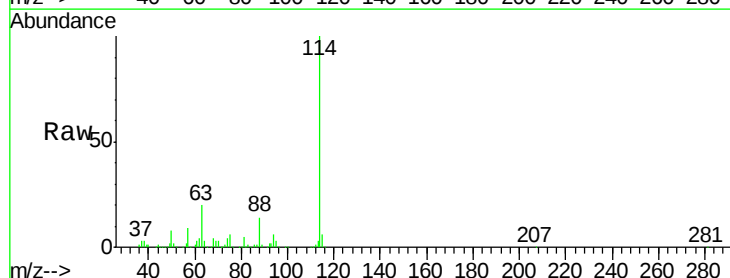
Tgt Ion: 114 Resp: 860428

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.0

88 14.1 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

600000

500000

400000

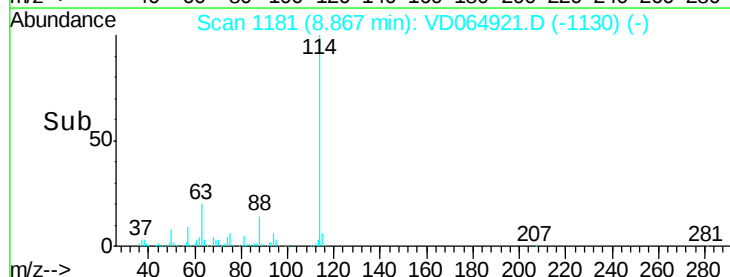
300000

200000

100000

0

Time--> 8.70 8.80 8.90 9.00 9.10

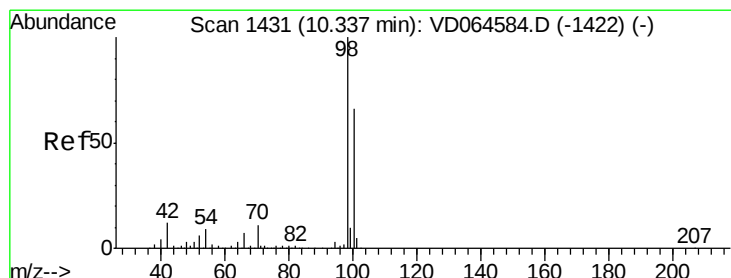
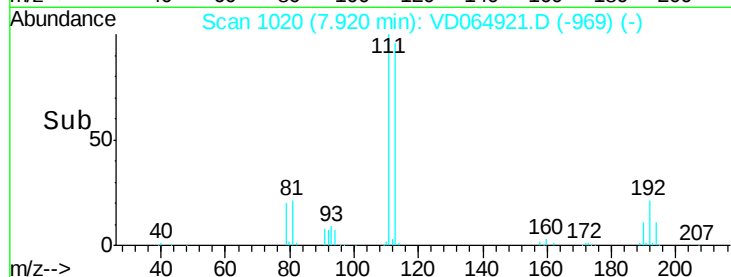
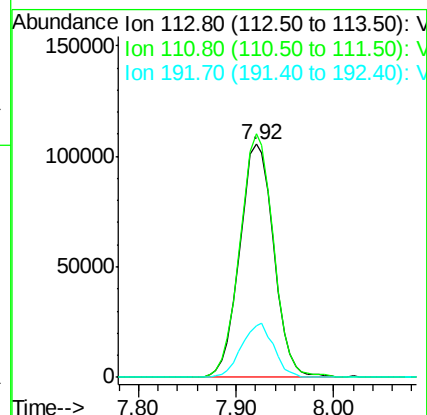
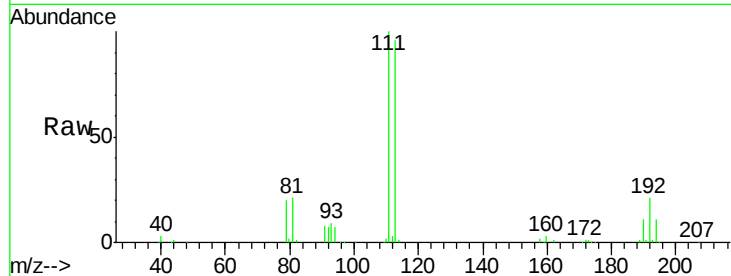




#35
 Dibromofluoromethane
 Concen: 48.895 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064921.D
 Acq: 22 Jan 2020 17:06

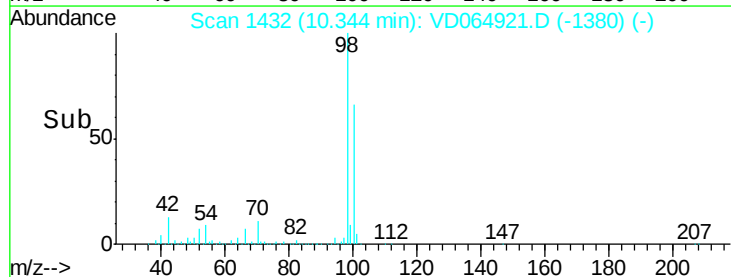
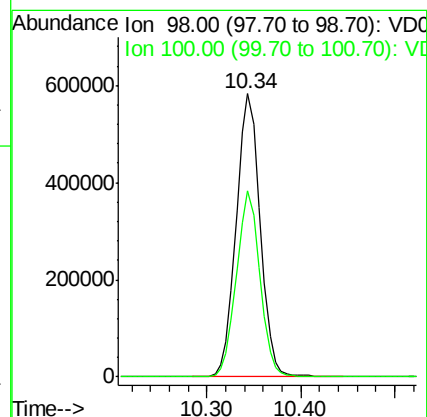
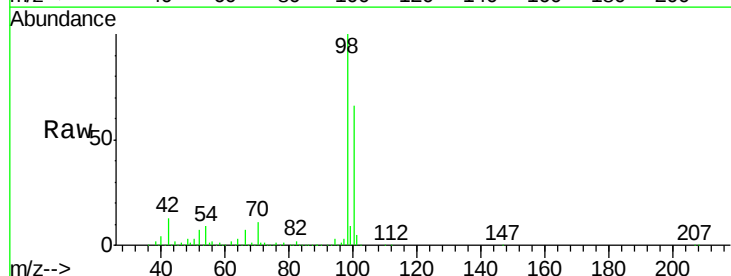
Instrument :
 MSVOA_D
 ClientSampled :
 K500-4

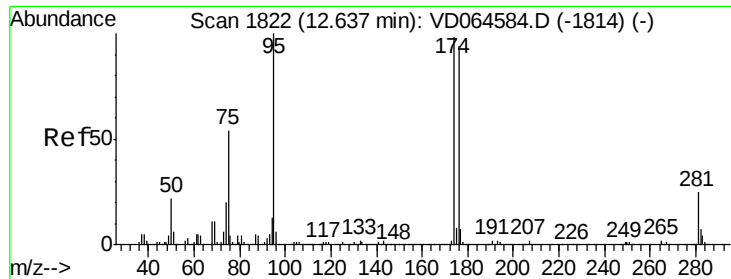
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.6	121.0
192	22.0	17.9	26.9



#50
 Toluene-d8
 Concen: 51.108 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064921.D
 Acq: 22 Jan 2020 17:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.7	77.5

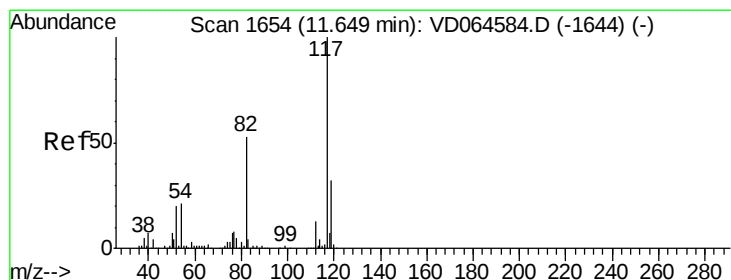
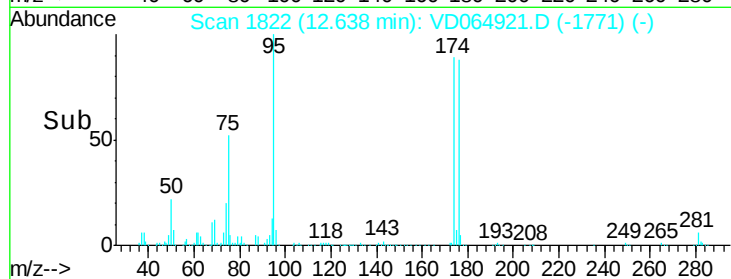
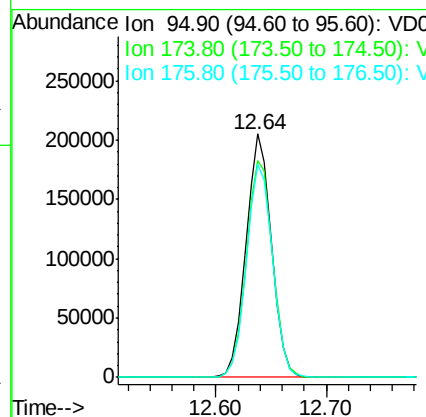
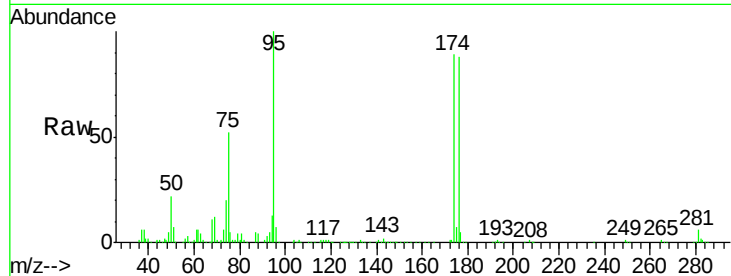




#62
4-Bromofluorobenzene
Concen: 52.054 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064921.D
Acq: 22 Jan 2020 17:06

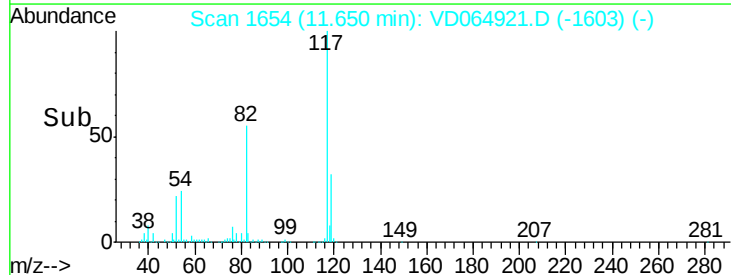
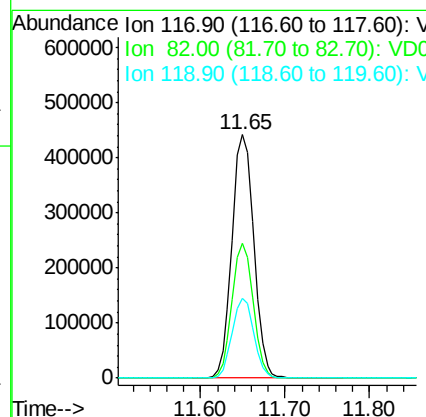
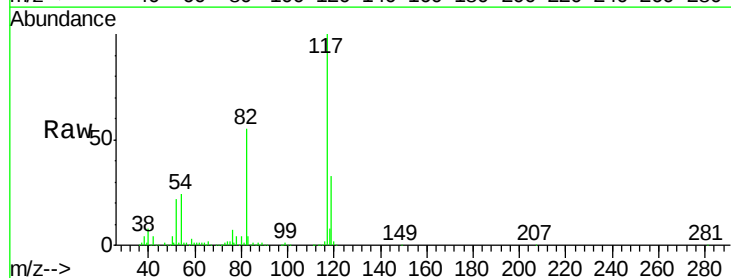
Instrument :
MSVOA_D
ClientSampled :
K500-4

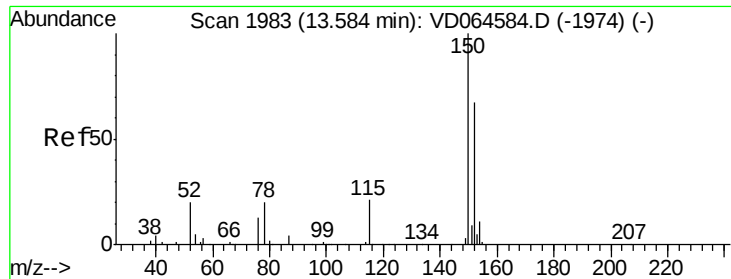
Tot Ion: 95 Resp: 332778
Ion Ratio Lower Upper
95 100
174 92.1 0.0 193.2
176 89.5 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064921.D
Acq: 22 Jan 2020 17:06

Tgt Ion: 117 Resp: 788413
Ion Ratio Lower Upper
117 100
82 55.4 42.2 63.4
119 32.5 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064921.D

Acq: 22 Jan 2020 17:06

Instrument :

MSVOA_D

ClientSampleId :

K500-4

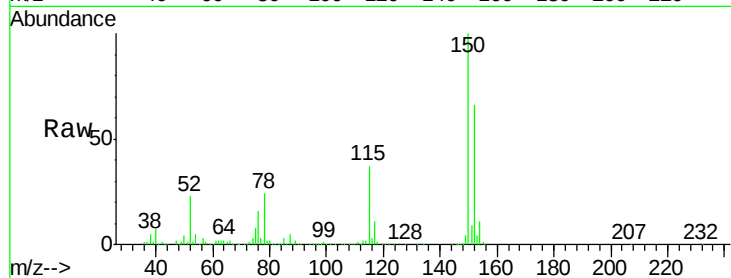
Tot Ion:152 Resp: 369777

Ion Ratio Lower Upper

152 100

115 55.8 27.8 83.4

150 154.9 0.0 351.4



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

