

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012120\
 Data File : VD064912.D
 Acq On : 21 Jan 2020 16:38
 Operator : VA/SY
 Sample : L1214-02
 Misc : 4.42G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K500-2

Quant Time: Jan 22 07:11:06 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

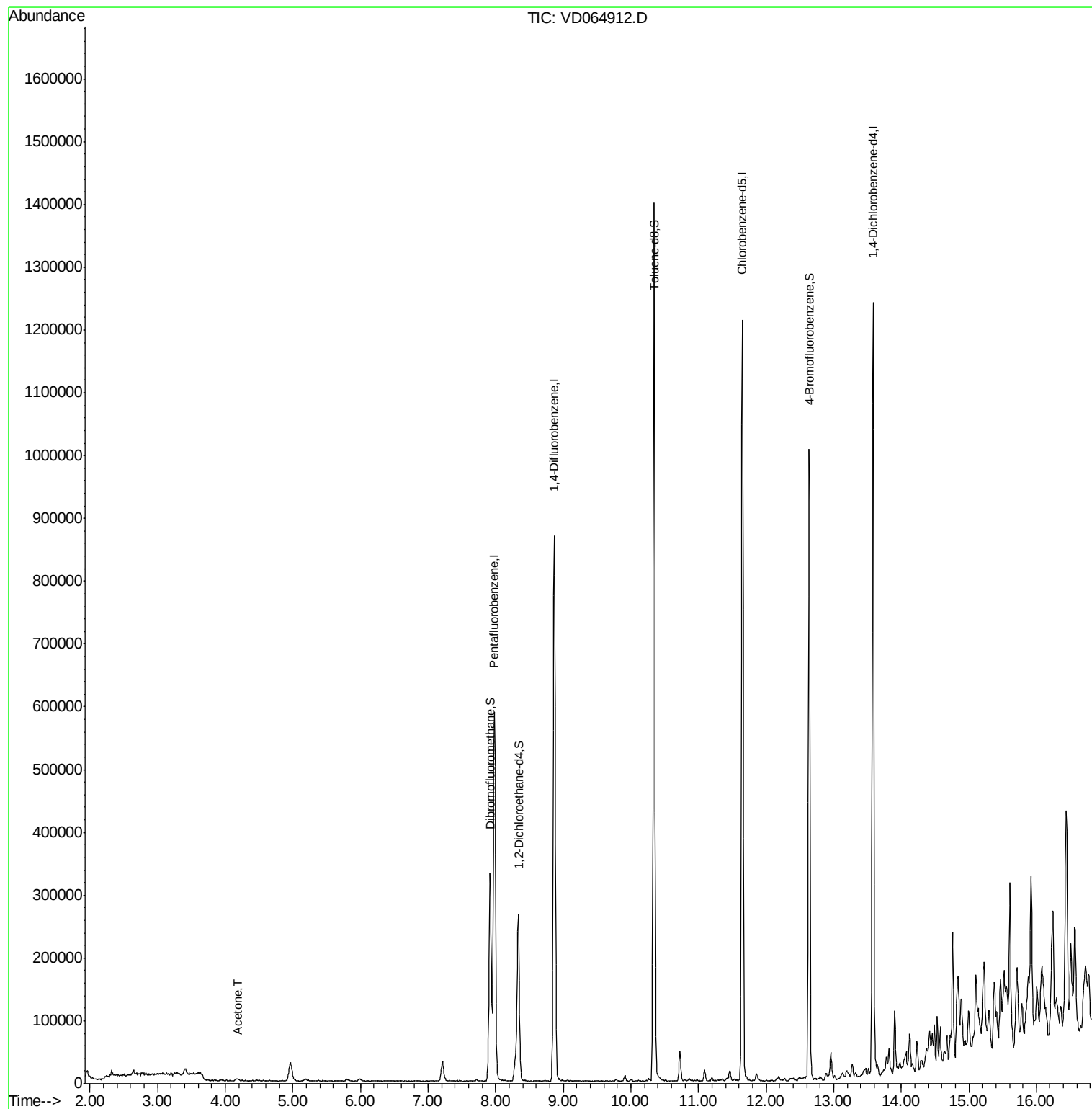
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	459029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	746751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	685548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	319121	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	217023	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
35) Dibromofluoromethane	7.92	113	228557	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
50) Toluene-d8	10.34	98	915337	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
62) 4-Bromofluorobenzene	12.64	95	282859	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
Target Compounds						
16) Acetone	4.19	43	6727	11.140	ug/l	Qvalue 93

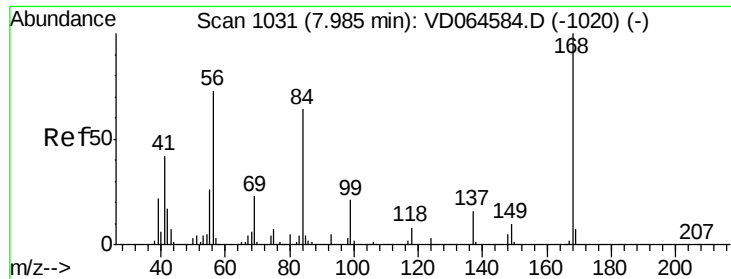
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064912.D

Acq: 21 Jan 2020 16:38

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MSVOA_D

ClientSampleId :

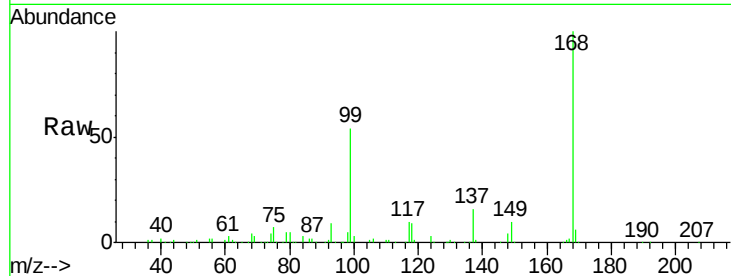
K500-2

Tot Ion:168 Resp: 459029

Ion Ratio Lower Upper

168 100

99 54.0 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

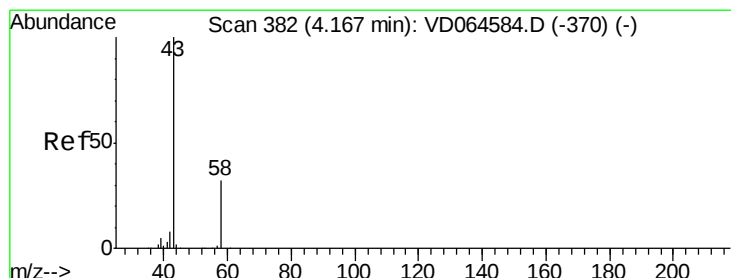
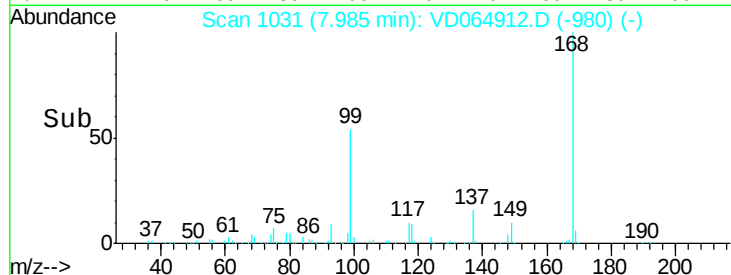
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.140 ug/l

RT: 4.19 min Scan# 385

Delta R.T. 0.02 min

Lab File: VD064912.D

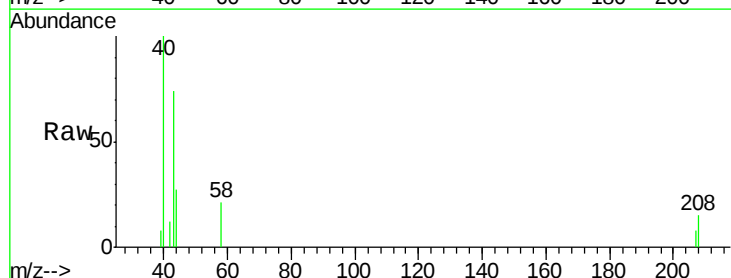
Acq: 21 Jan 2020 16:38

Tgt Ion: 43 Resp: 6727

Ion Ratio Lower Upper

43 100

58 28.2 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.19

2500

2000

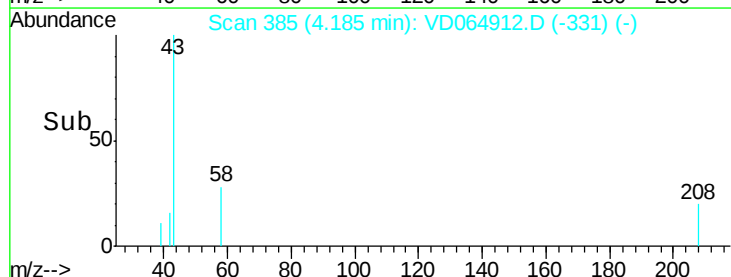
1500

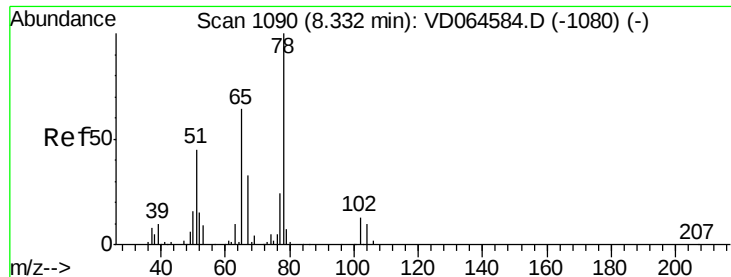
1000

500

0

Time-->

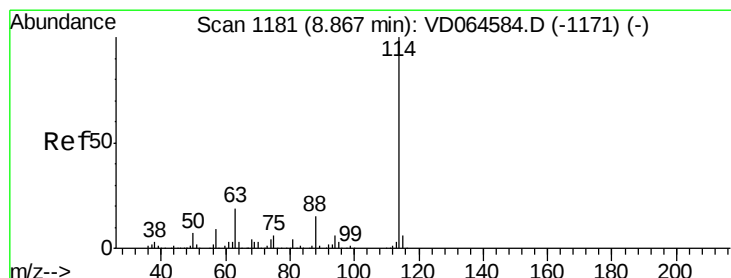
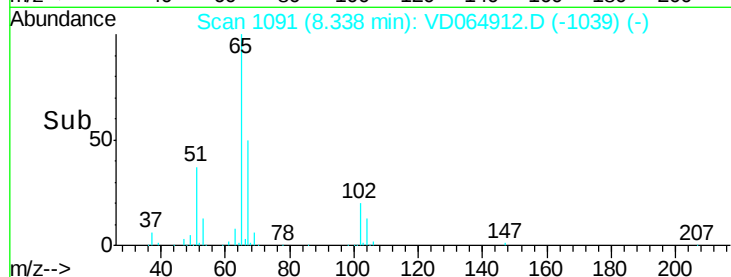
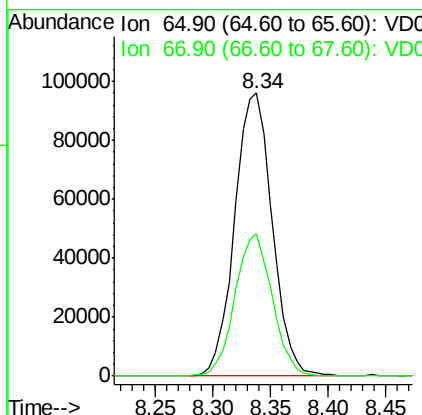
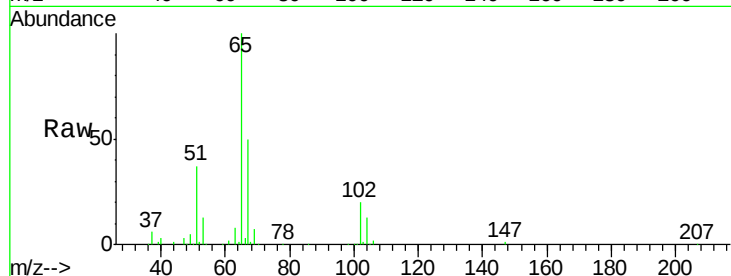




#33
 1,2-Dichloroethane-d4
 Concen: 53.617 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064912.D
 Acq: 21 Jan 2020 16:38

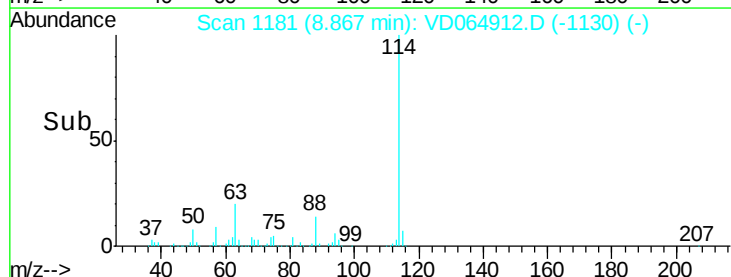
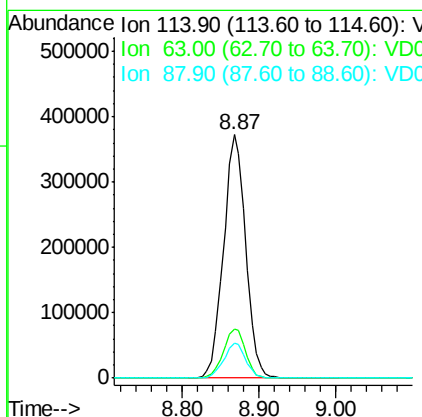
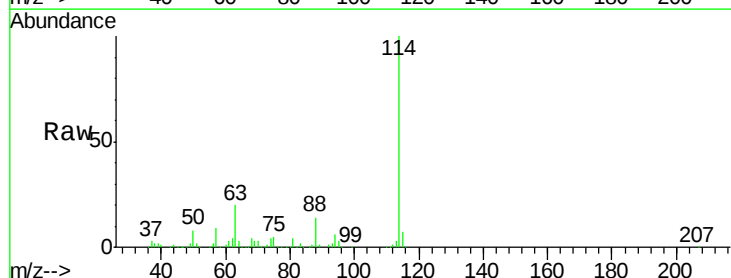
Instrument :
 MSVOA_D
 ClientSampleId :
 K500-2

Tot Ion: 65 Resp: 217023
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064912.D
 Acq: 21 Jan 2020 16:38

Tgt Ion: 114 Resp: 746751
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.0
 88 14.2 0.0 29.2

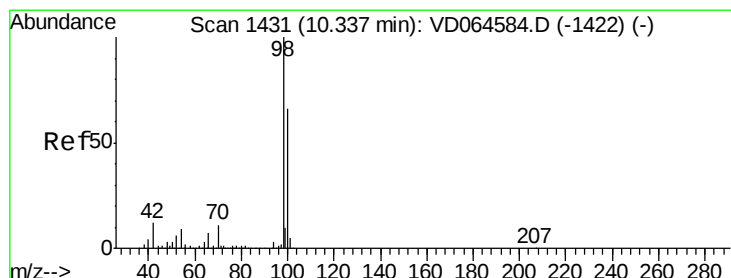
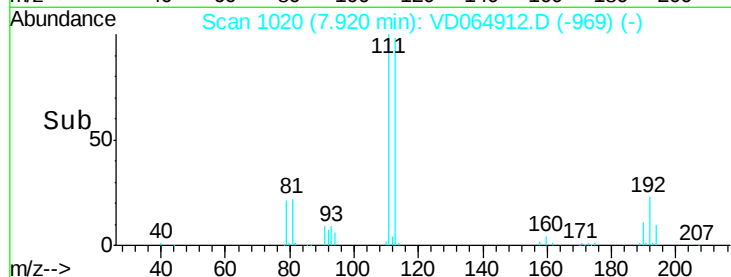
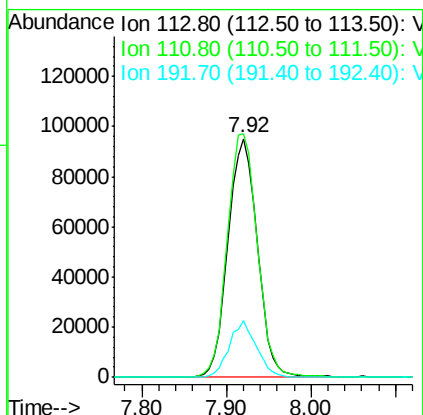
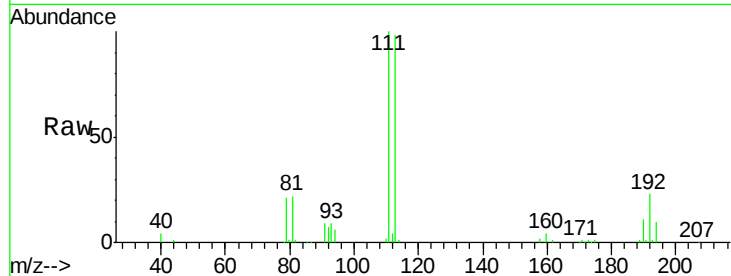




#35
 Dibromofluoromethane
 Concen: 49.888 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064912.D
 Acq: 21 Jan 2020 16:38

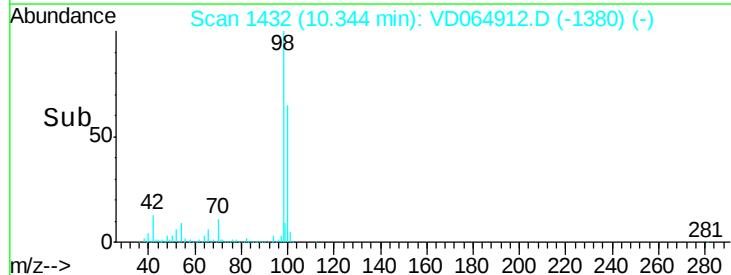
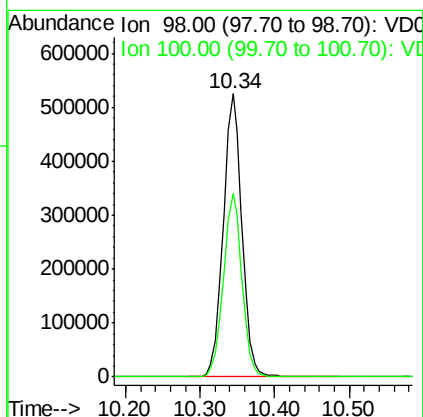
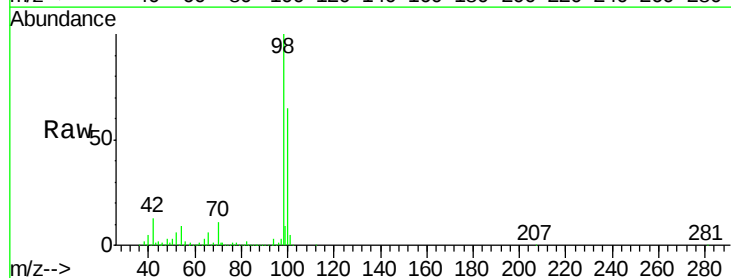
Instrument :
 MSVOA_D
 ClientSampleId :
 K500-2

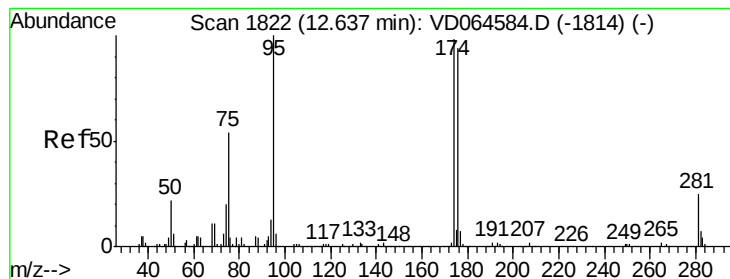
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	80.6	121.0
192	21.9	17.9	26.9



#50
 Toluene-d8
 Concen: 52.167 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064912.D
 Acq: 21 Jan 2020 16:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 50.981 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064912.D

Acq: 21 Jan 2020 16:38

Instrument :

MSVOA_D

ClientSampleId :

K500-2

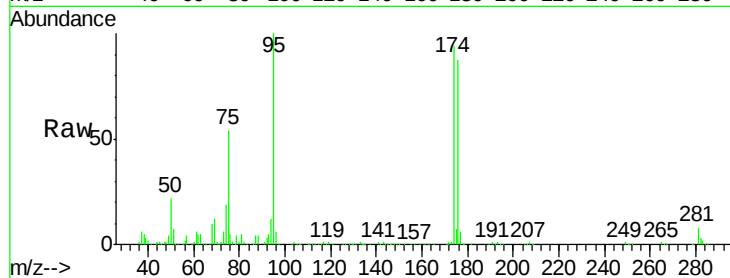
Tot Ion: 95 Resp: 282859

Ion Ratio Lower Upper

95 100

174 93.6 0.0 193.2

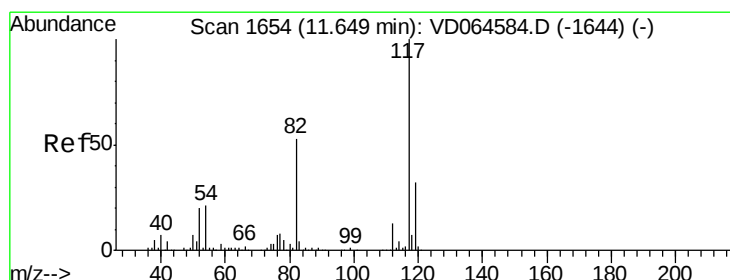
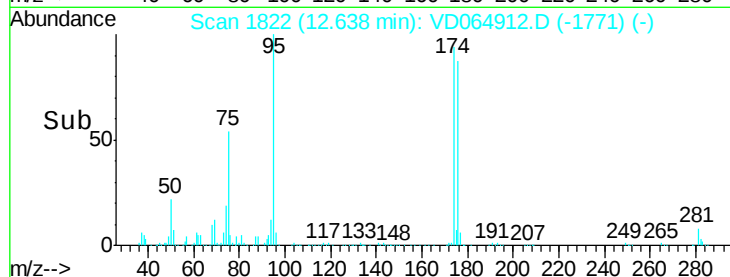
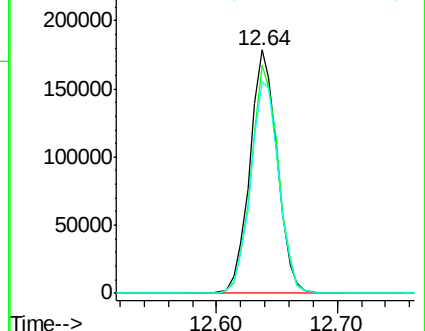
176 89.8 0.0 184.2



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064912.D

Acq: 21 Jan 2020 16:38

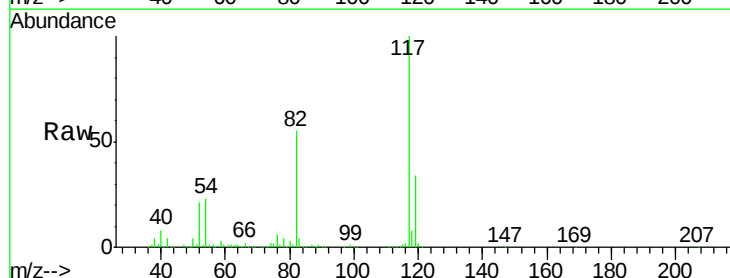
Tgt Ion: 117 Resp: 685548

Ion Ratio Lower Upper

117 100

82 54.8 42.2 63.4

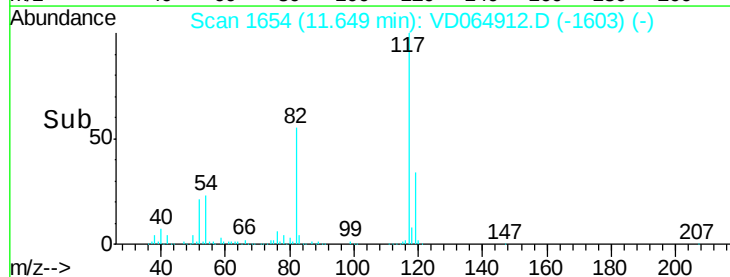
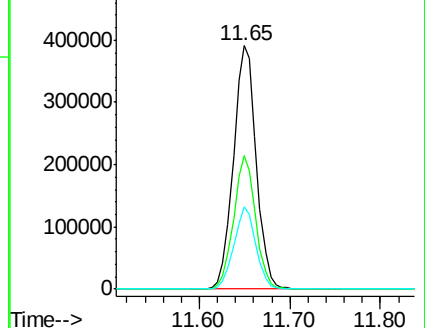
119 33.9 26.0 39.0

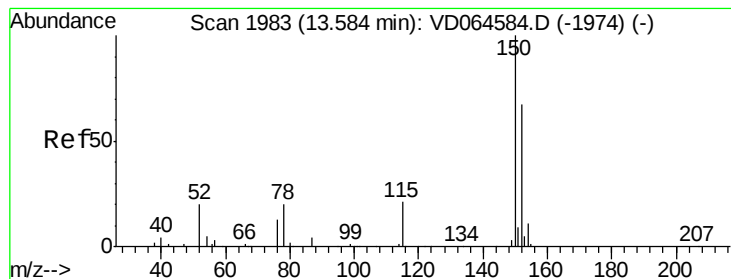


Abundance Ion 116.90 (116.60 to 117.60): VDC

Ion 82.00 (81.70 to 82.70): VDC

Ion 118.90 (118.60 to 119.60): VDC





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064912.D

Acq: 21 Jan 2020 16:38

Instrument :

MSVOA_D

ClientSampleId :

K500-2

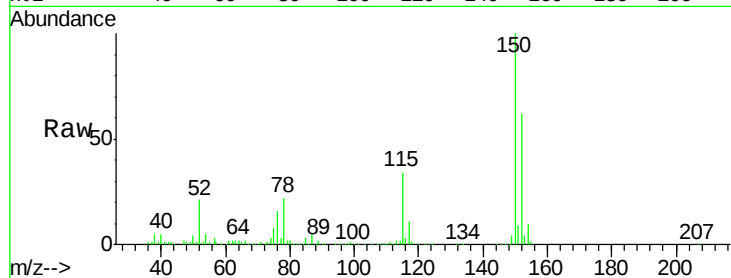
Tot Ion:152 Resp: 319121

Ion Ratio Lower Upper

152 100

115 55.2 27.8 83.4

150 157.2 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

