

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012220\
 Data File : VD064920.D
 Acq On : 22 Jan 2020 16:38
 Operator : VA/SY
 Sample : L1214-03
 Misc : 4.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K500-3

Quant Time: Jan 23 00:00:36 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

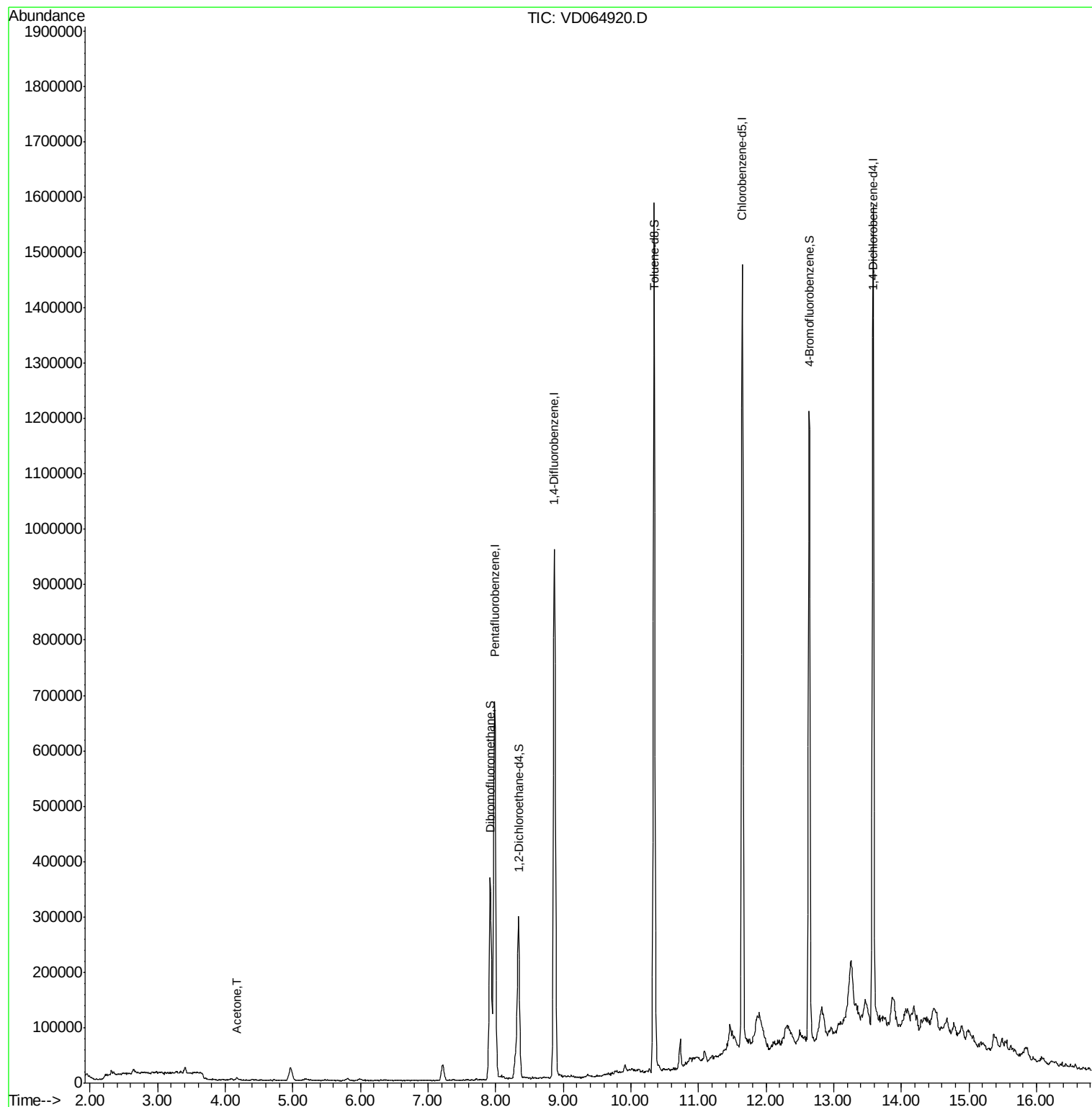
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	528860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	830269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	787974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	388462	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	235103	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
35) Dibromofluoromethane	7.92	113	246967	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
50) Toluene-d8	10.34	98	1025182	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
62) 4-Bromofluorobenzene	12.64	95	346565	56.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.36%	
Target Compounds						
16) Acetone	4.17	43	7615	11.02	ug/l	Qvalue 93

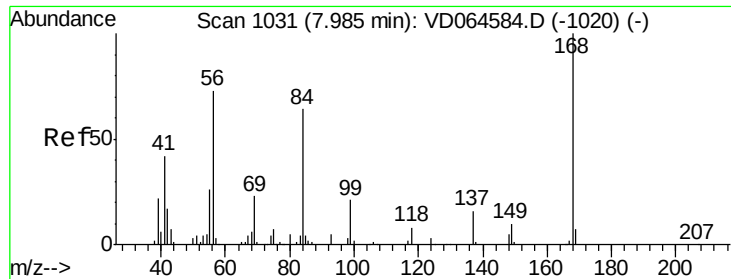
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064920.D

Acq: 22 Jan 2020 16:38

Instrument :

MSVOA_D

ClientSampleId :

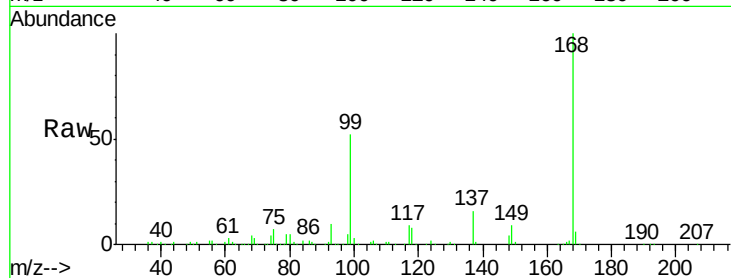
K500-3

Tgt Ion:168 Resp: 528860

Ion Ratio Lower Upper

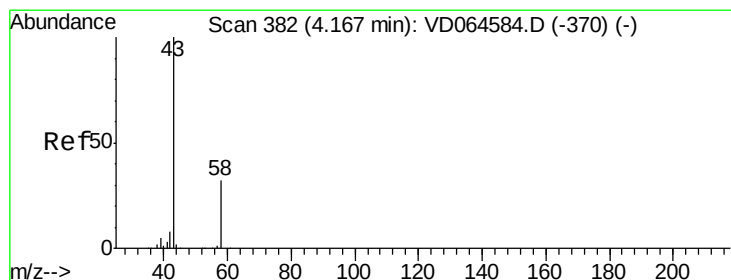
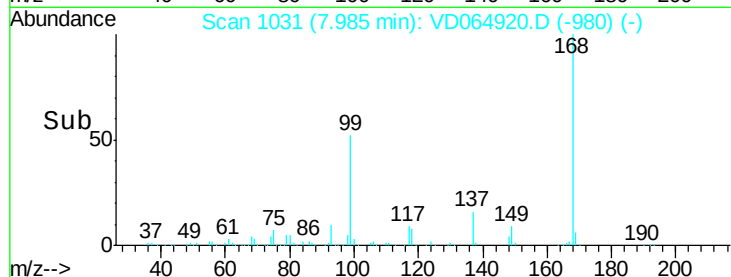
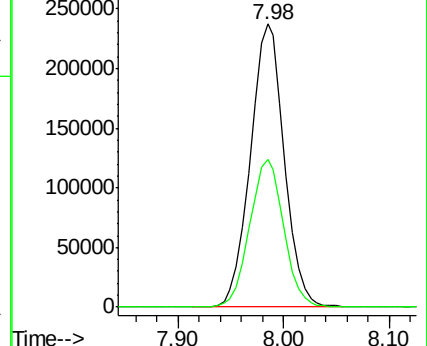
168 100

99 52.3 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 11.02 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064920.D

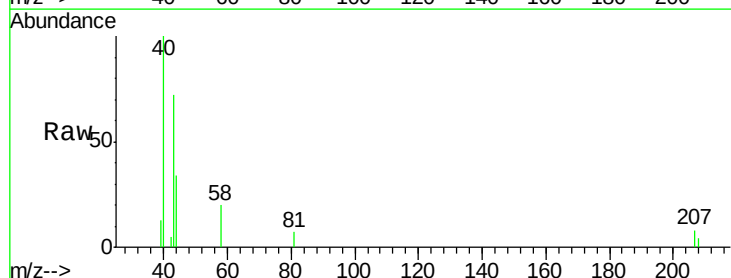
Acq: 22 Jan 2020 16:38

Tgt Ion: 43 Resp: 7615

Ion Ratio Lower Upper

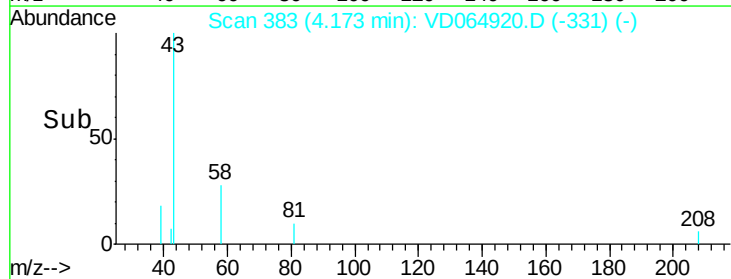
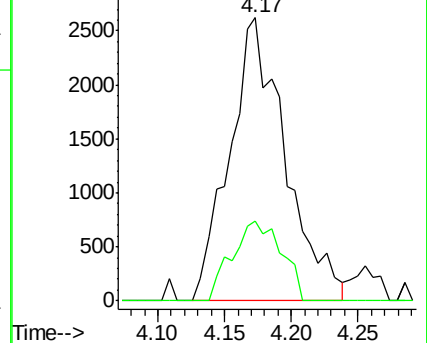
43 100

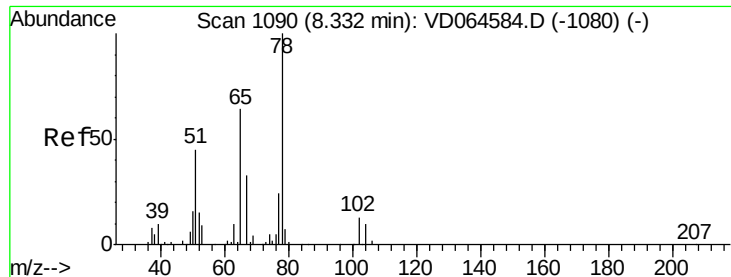
58 28.2 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

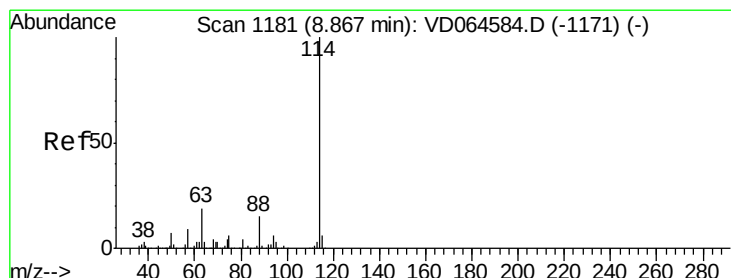
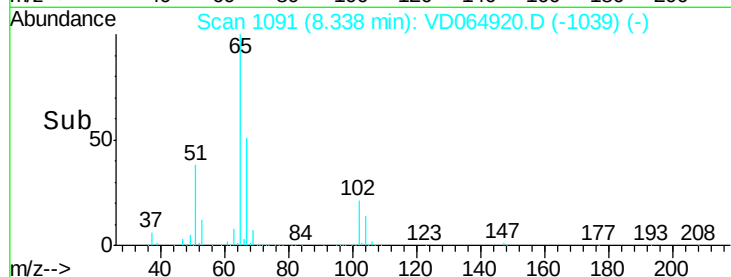
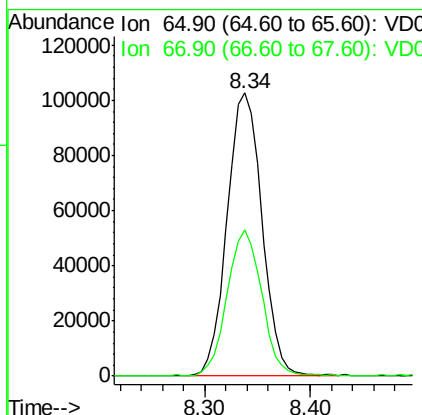
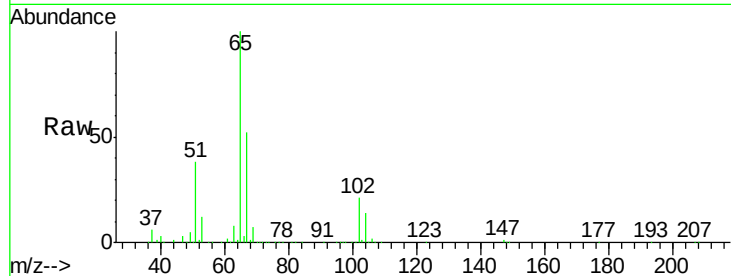




#33
 1,2-Dichloroethane-d4
 Concen: 50.41 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064920.D
 Acq: 22 Jan 2020 16:38

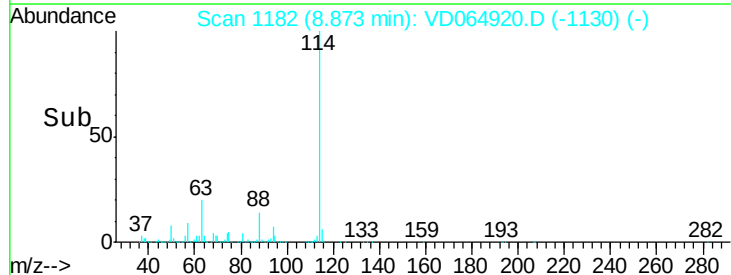
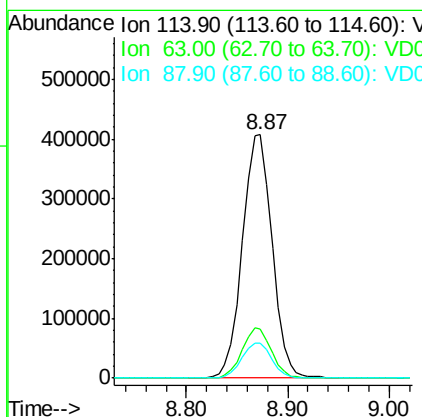
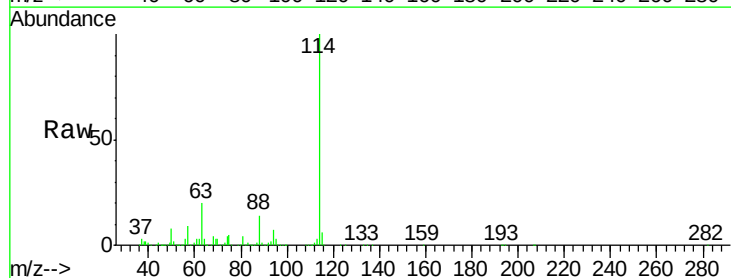
Instrument :
 MSVOA_D
 ClientSampleId :
 K500-3

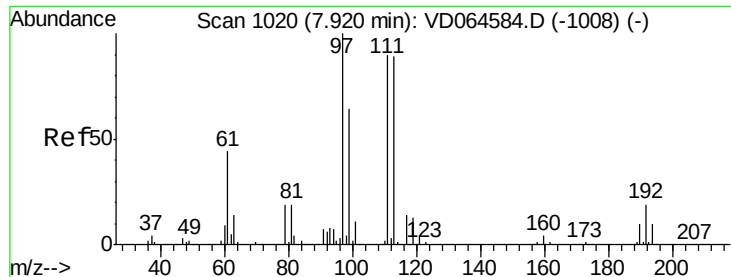
Tgt Ion: 65 Resp: 235103
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD064920.D
 Acq: 22 Jan 2020 16:38

Tgt Ion: 114 Resp: 830269
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.0
 88 14.1 0.0 29.2

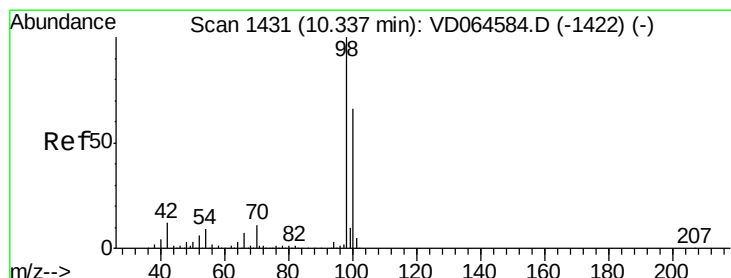
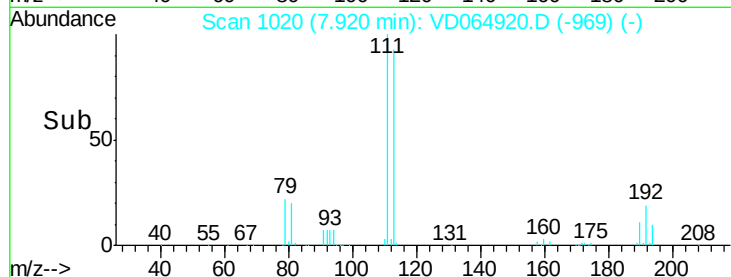
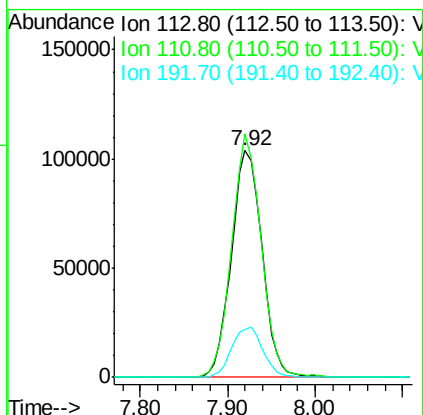
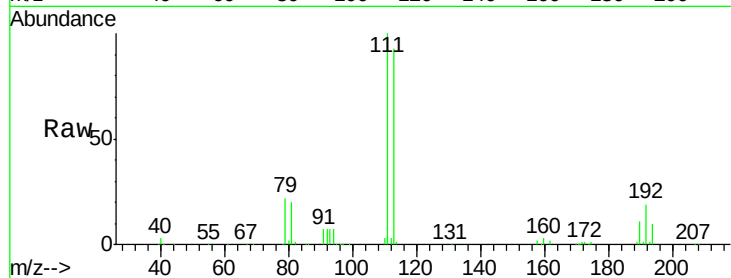




#35
 Dibromofluoromethane
 Concen: 48.48 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064920.D
 Acq: 22 Jan 2020 16:38

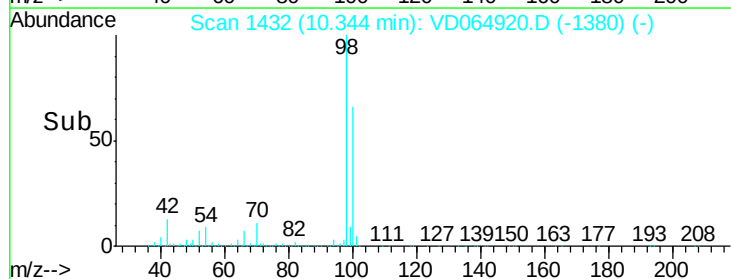
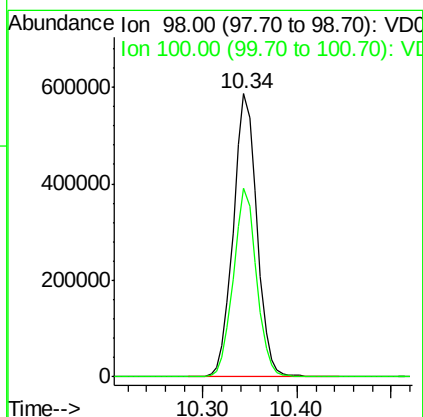
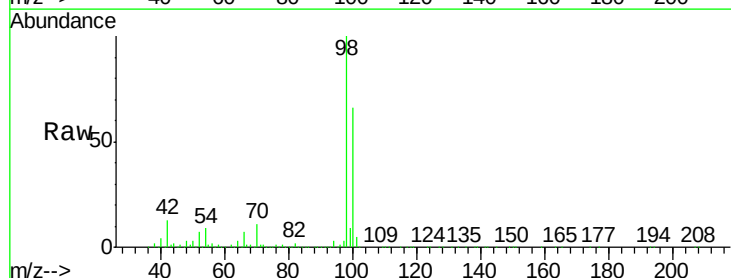
Instrument :
 MSVOA_D
 ClientSampleID :
 K500-3

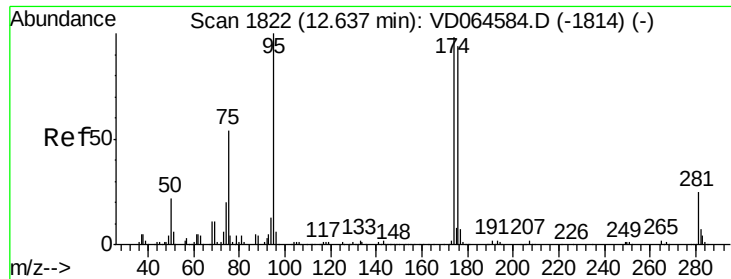
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.6	121.0
192	22.4	17.9	26.9



#50
 Toluene-d8
 Concen: 52.55 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064920.D
 Acq: 22 Jan 2020 16:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.7	77.5

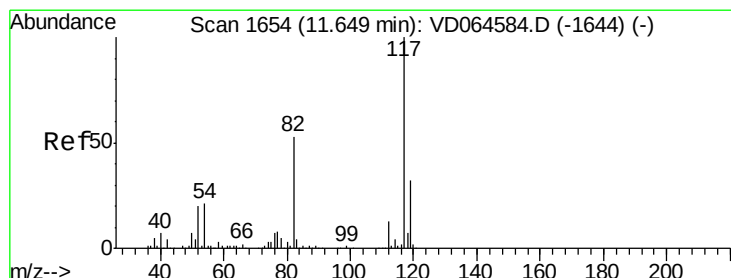
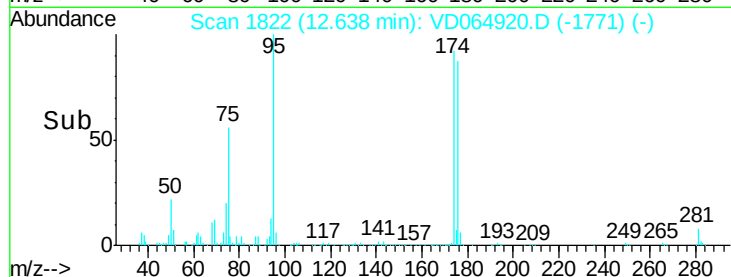
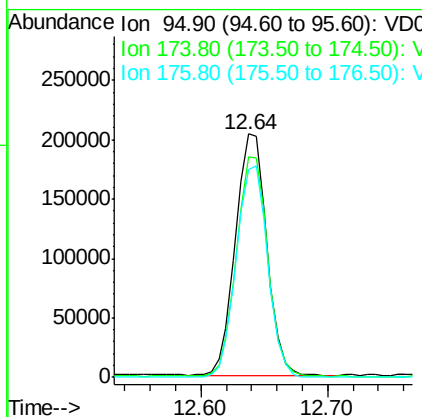
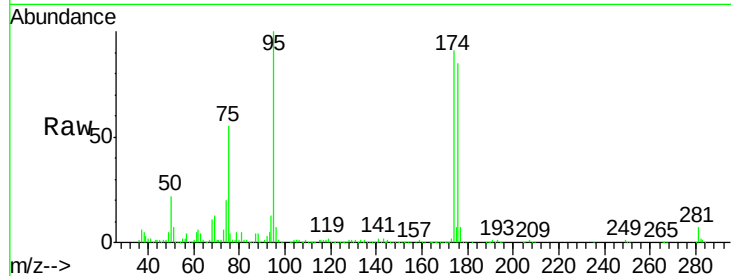




#62
4-Bromofluorobenzene
Concen: 56.18 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064920.D
Acq: 22 Jan 2020 16:38

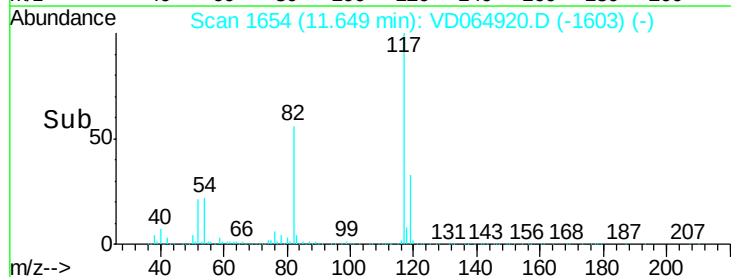
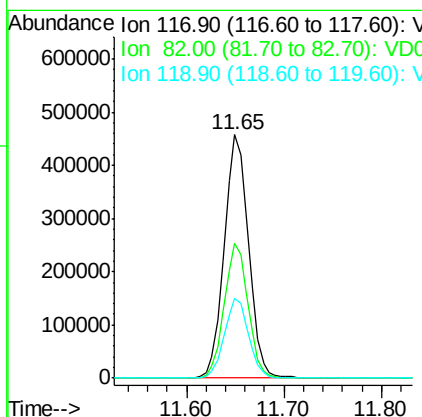
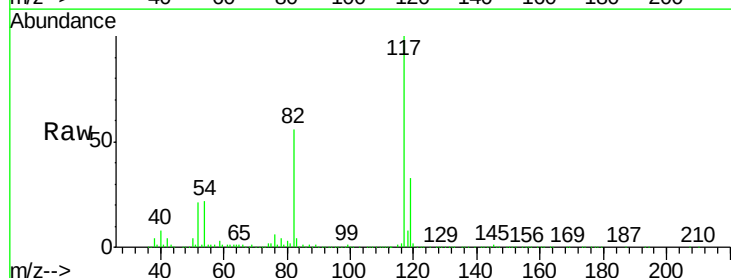
Instrument :
MSVOA_D
ClientSampleId :
K500-3

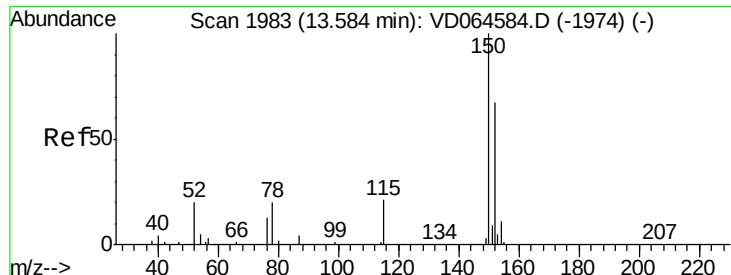
Tgt Ion: 95 Resp: 346565
Ion Ratio Lower Upper
95 100
174 92.4 0.0 193.2
176 88.1 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064920.D
Acq: 22 Jan 2020 16:38

Tgt Ion: 117 Resp: 787974
Ion Ratio Lower Upper
117 100
82 55.6 42.2 63.4
119 32.7 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064920.D

Acq: 22 Jan 2020 16:38

Instrument :

MSVOA_D

ClientSampleId :

K500-3

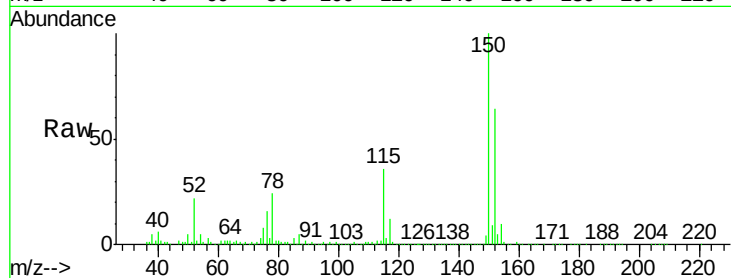
Tgt Ion:152 Resp: 388462

Ion Ratio Lower Upper

152 100

115 55.4 27.8 83.4

150 156.6 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

