

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012220\
 Data File : VD064919.D
 Acq On : 22 Jan 2020 16:09
 Operator : VA/SY
 Sample : L1214-01
 Misc : 4.62G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K500-1

Quant Time: Jan 22 23:56:36 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	510095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	799473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	722776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	353451	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	226648	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
35) Dibromofluoromethane	7.92	113	242075	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	10.34	98	961214	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.64	95	305725	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

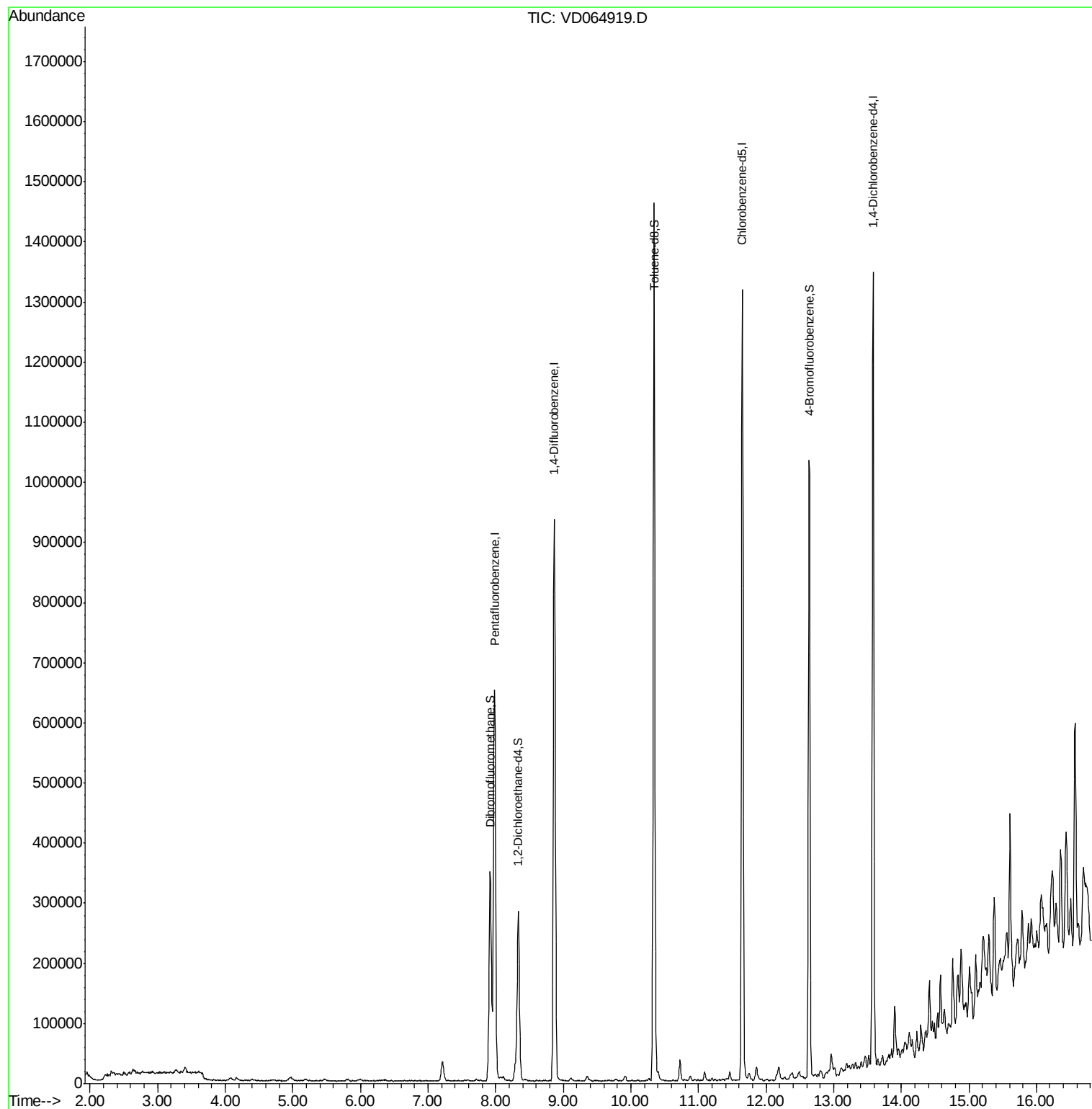
Target Compounds	Qvalue

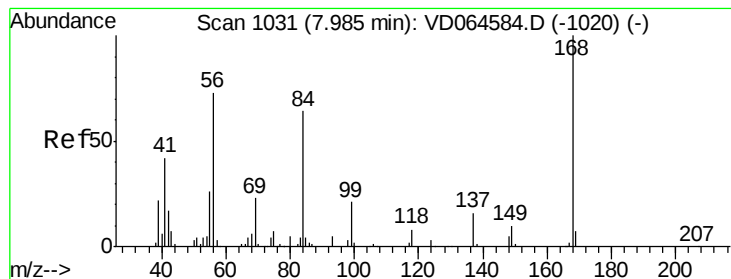
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064919.D

Acq: 22 Jan 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

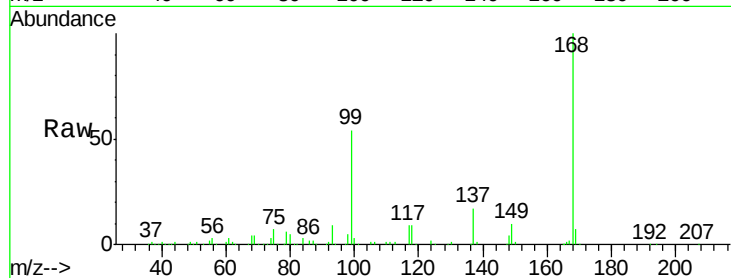
K500-1

Tot Ion:168 Resp: 510095

Ion Ratio Lower Upper

168 100

99 54.1 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

250000

200000

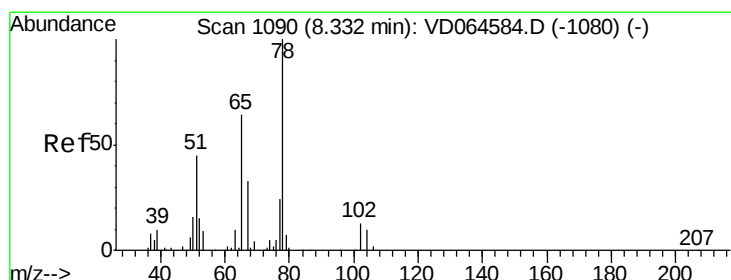
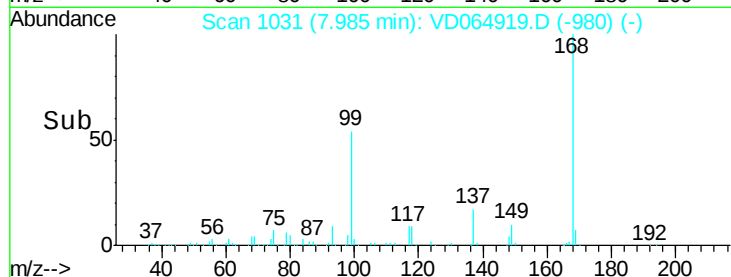
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.389 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064919.D

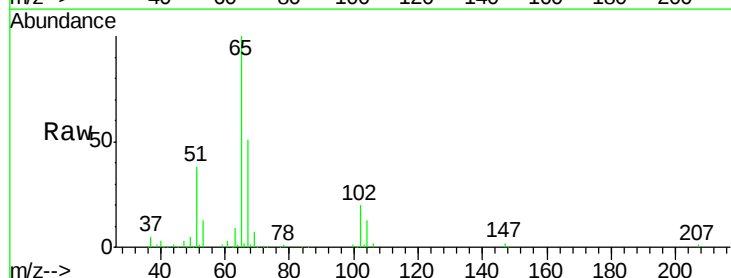
Acq: 22 Jan 2020 16:09

Tgt Ion: 65 Resp: 226648

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

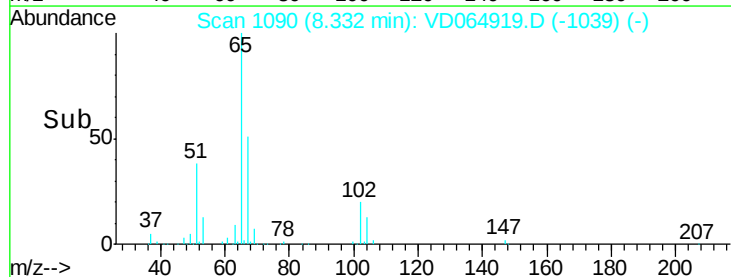
60000

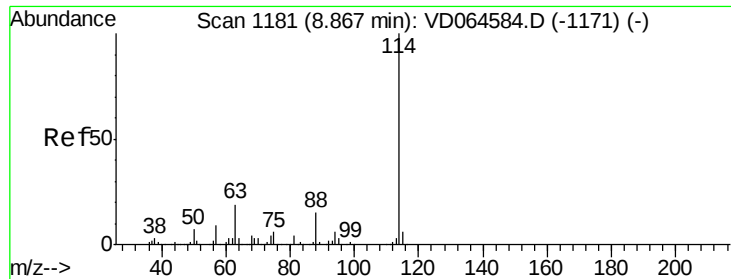
40000

20000

0

Time-->

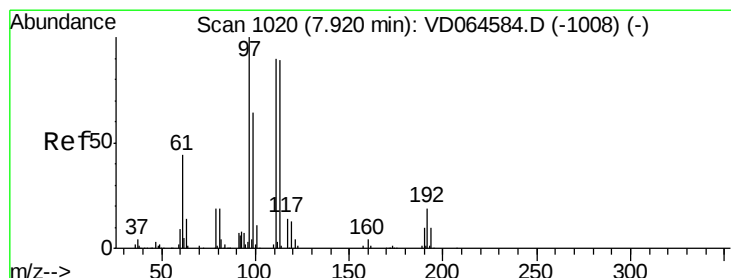
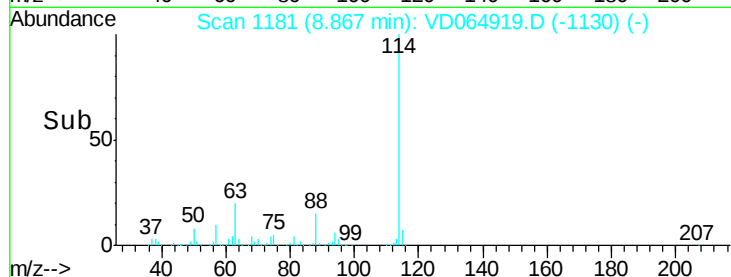
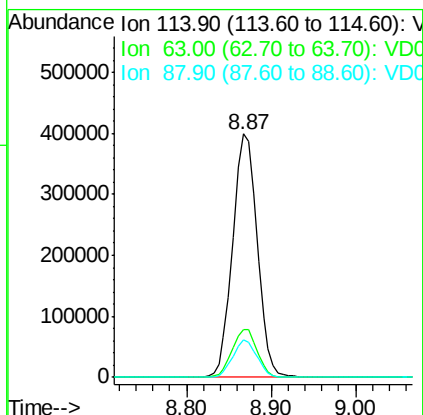
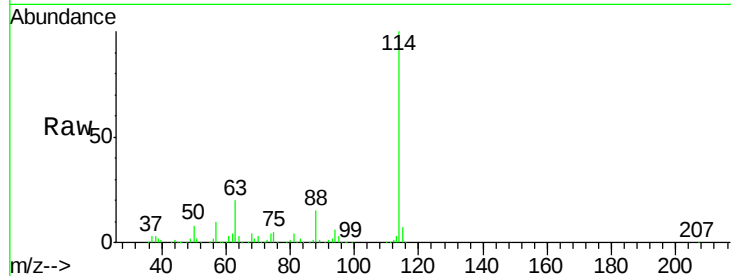




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064919.D
 Acq: 22 Jan 2020 16:09

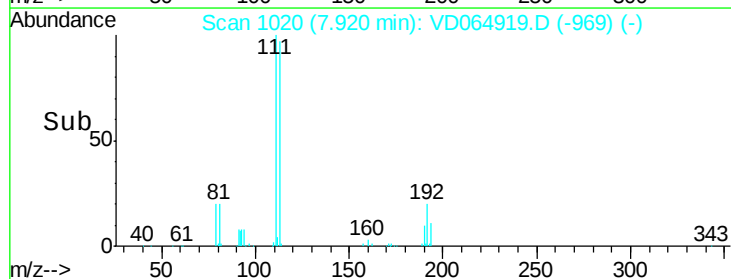
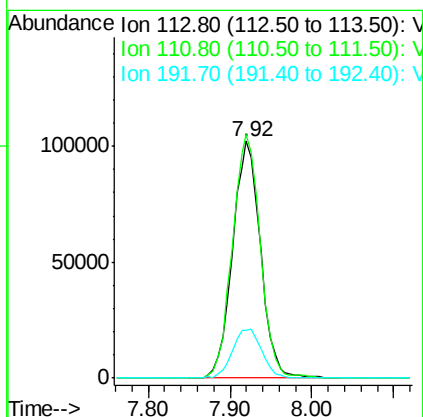
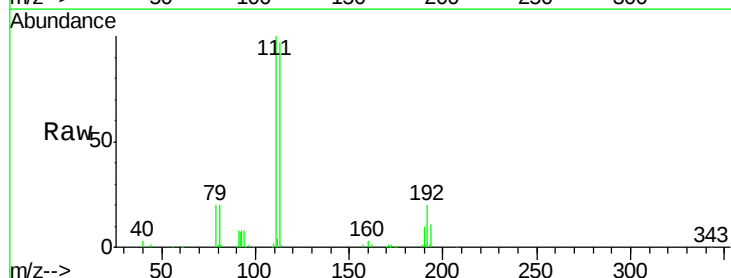
Instrument :
 MSVOA_D
 ClientSampleId :
 K500-1

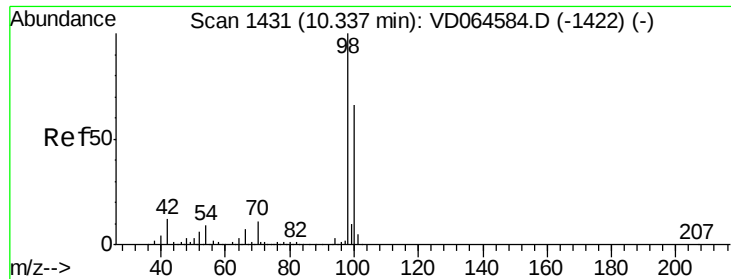
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.0
88	15.3	0.0	29.2



#35
 Dibromofluoromethane
 Concen: 49.354 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064919.D
 Acq: 22 Jan 2020 16:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.6	121.0
192	21.9	17.9	26.9

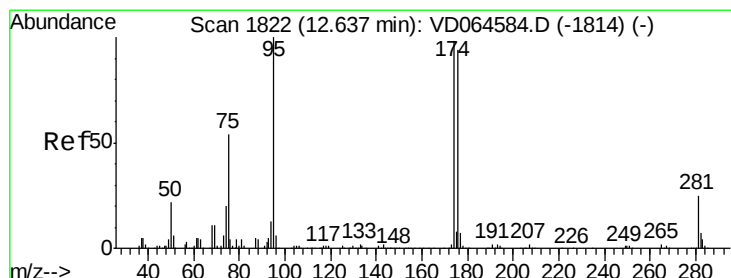
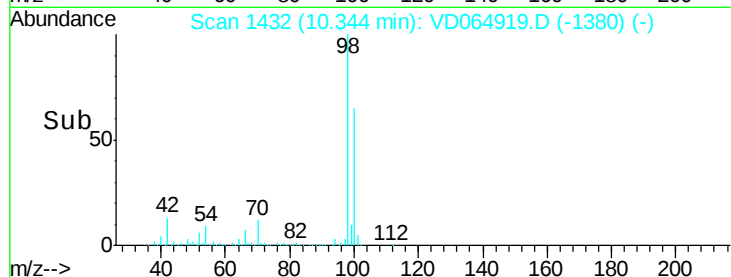
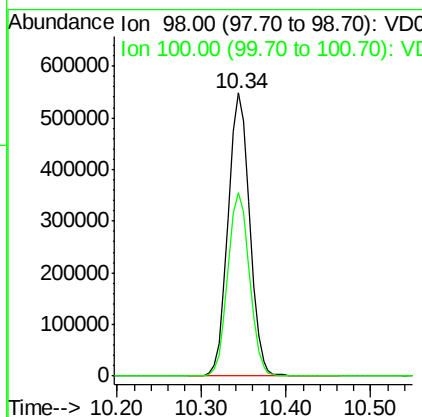
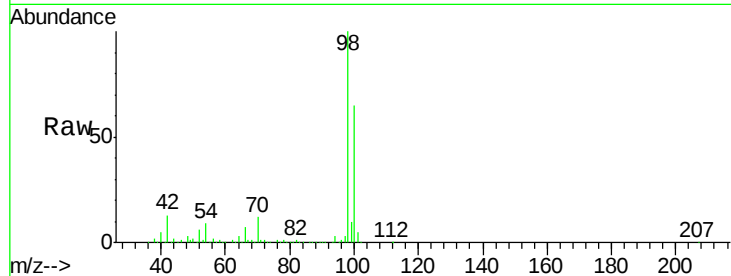




#50
Toluene-d8
Concen: 51.169 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064919.D
Acq: 22 Jan 2020 16:09

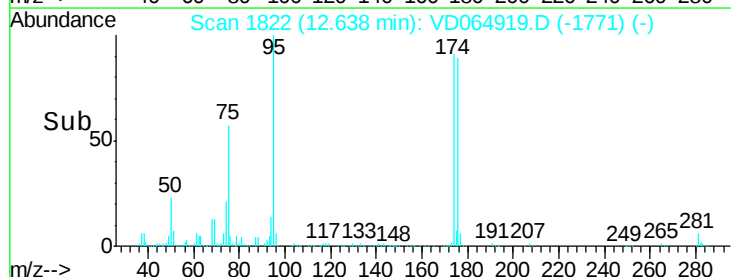
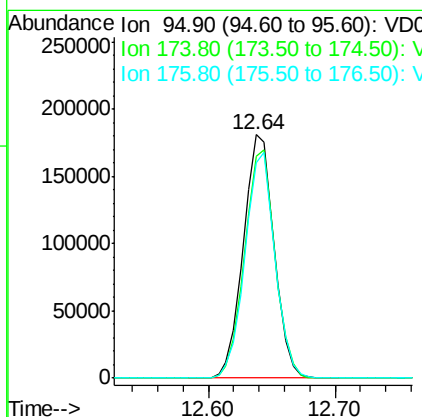
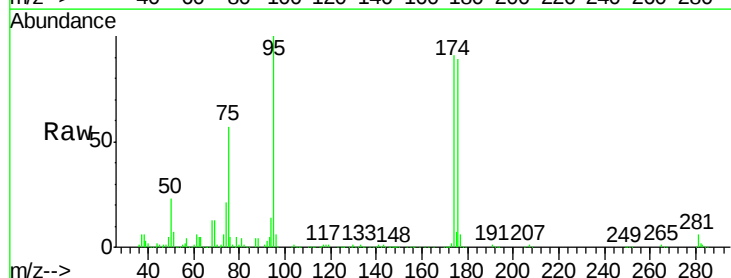
Instrument :
MSVOA_D
ClientSampled :
K500-1

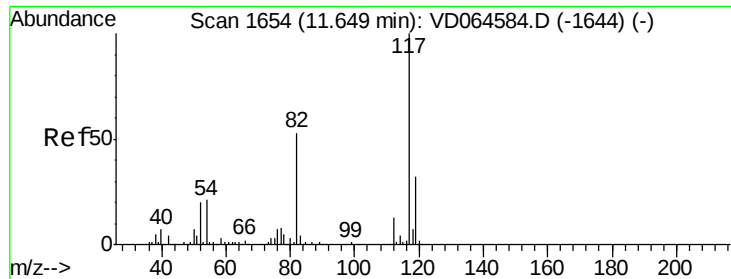
Tot Ion: 98 Resp: 961214
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 51.468 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064919.D
Acq: 22 Jan 2020 16:09

Tgt Ion: 95 Resp: 305725
Ion Ratio Lower Upper
95 100
174 92.9 0.0 193.2
176 90.7 0.0 184.2

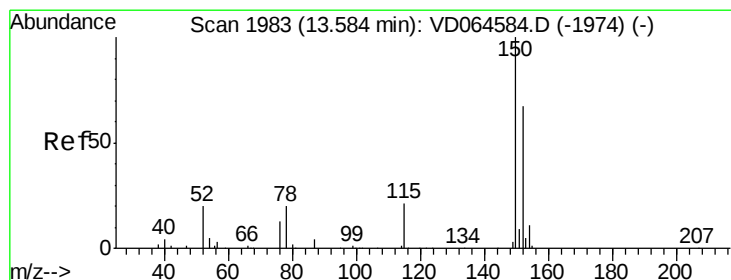
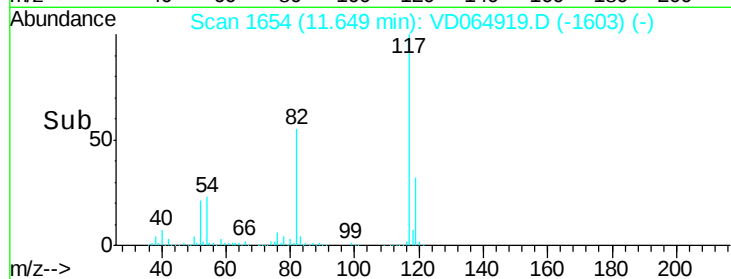
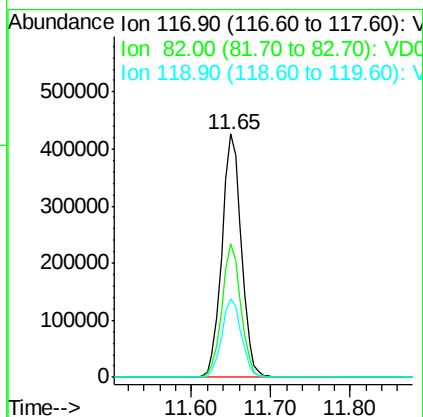
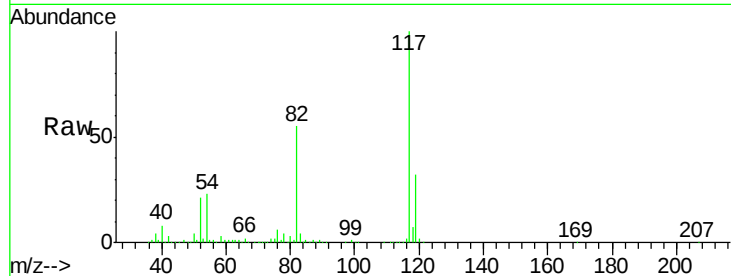




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064919.D
Acq: 22 Jan 2020 16:09

Instrument :
MSVOA_D
ClientSampled :
K500-1

Tot Ion:117 Resp: 722776
Ion Ratio Lower Upper
117 100
82 54.8 42.2 63.4
119 32.3 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: VD064919.D
Acq: 22 Jan 2020 16:09

Tgt Ion:152 Resp: 353451
Ion Ratio Lower Upper
152 100
115 54.7 27.8 83.4
150 153.9 0.0 351.4

