

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121319\
 Data File : VD064511.D
 Acq On : 13 Dec 2019 17:19
 Operator : VA/SY
 Sample : K6267-01
 Misc : 2.70G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WO-3

Quant Time: Dec 14 00:37:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

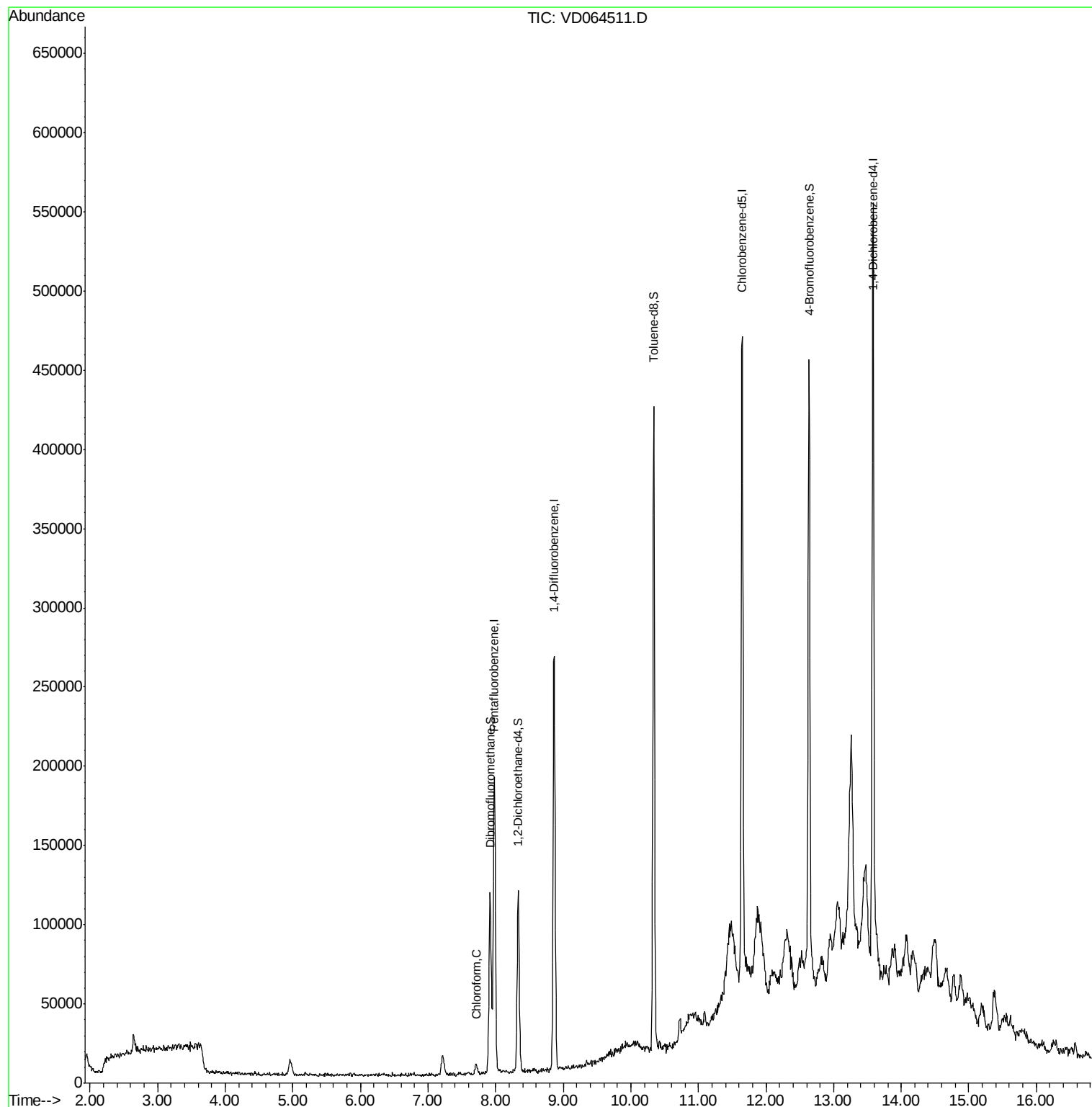
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	146429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	228741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	237819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	127123	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	89251	67.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.68%	
35) Dibromofluoromethane	7.92	113	76239	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
50) Toluene-d8	10.34	98	277595	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.64	95	112746	64.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.24%	
Target Compounds						
30) Chloroform	7.71	83	5187	2.048	ug/l	Qvalue 93

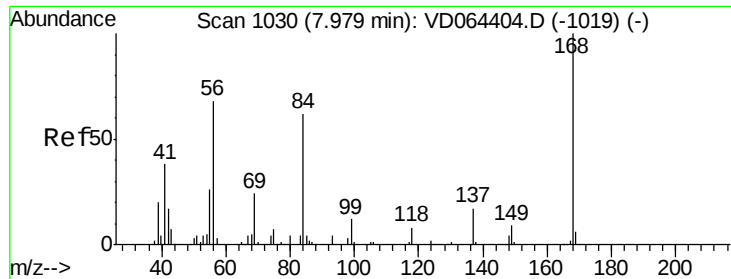
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD064511.D

Acq: 13 Dec 2019 17:19

Instrument :

MSVOA_D

ClientSampleId :

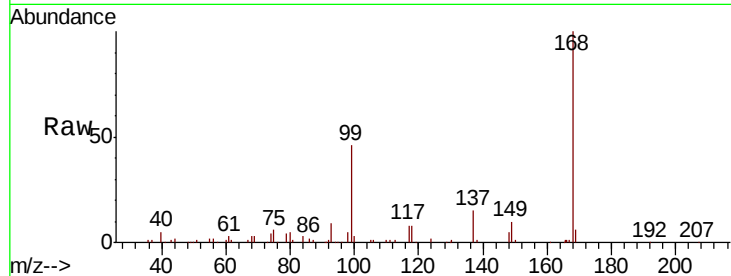
WO-3

Tot Ion:168 Resp: 146429

Ion Ratio Lower Upper

168 100

99 45.5 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

80000

60000

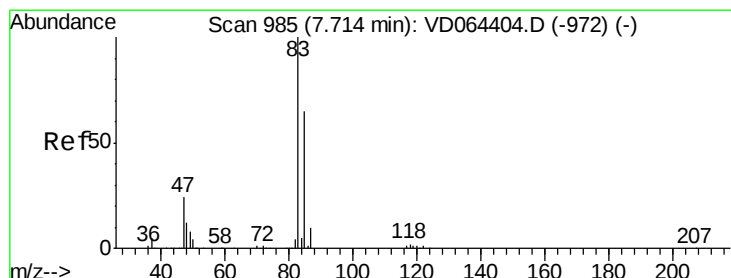
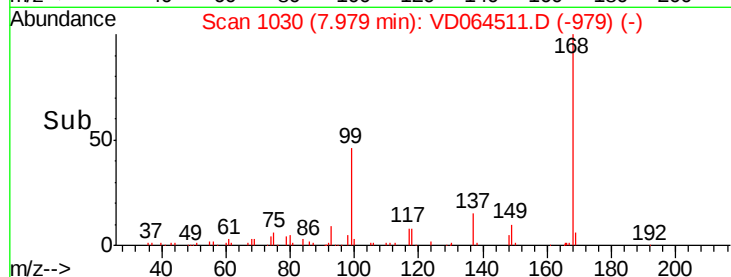
40000

20000

0

7.90 8.00 8.10

Time-->



#30

Chloroform

Concen: 2.048 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064511.D

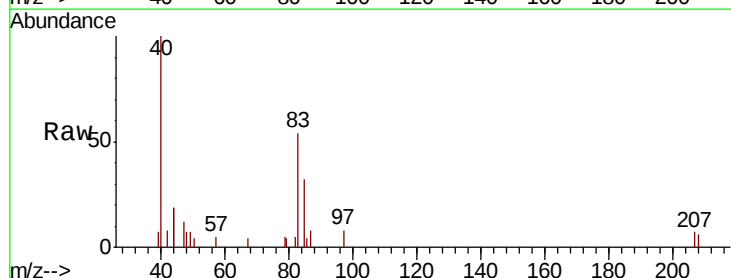
Acq: 13 Dec 2019 17:19

Tgt Ion: 83 Resp: 5187

Ion Ratio Lower Upper

83 100

85 59.2 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

7.71

2000

1500

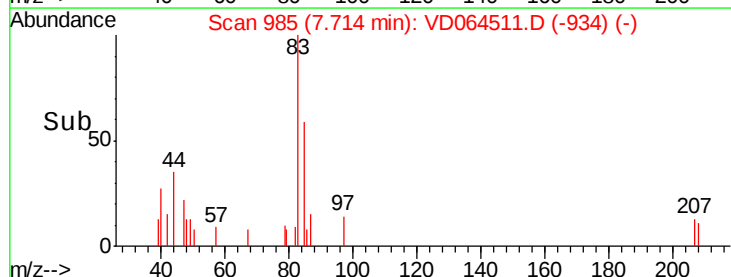
1000

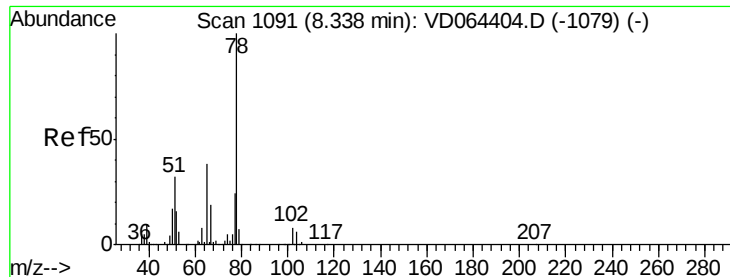
500

0

7.65 7.70 7.75 7.80

Time-->

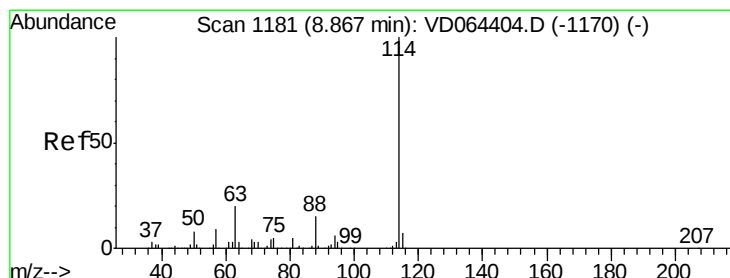
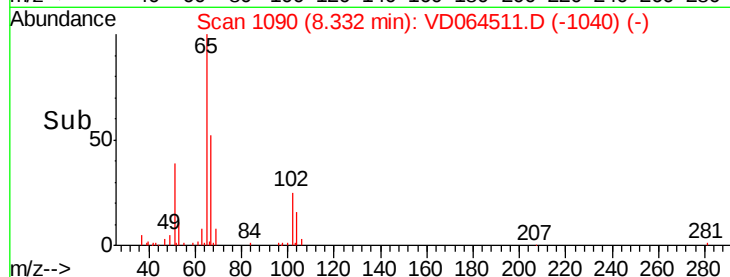
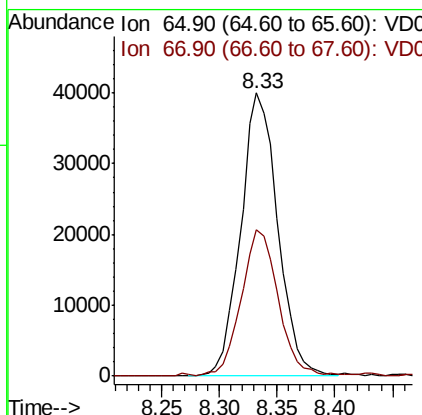
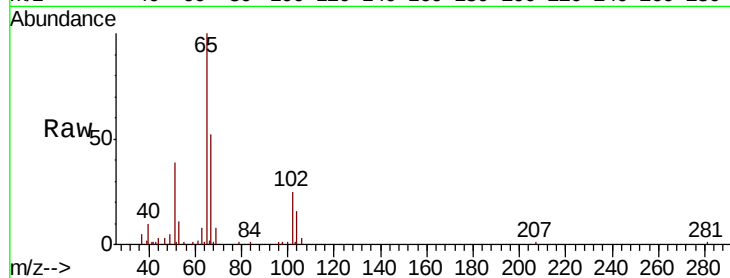




#33
 1,2-Dichloroethane-d4
 Concen: 67.339 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064511.D
 Acq: 13 Dec 2019 17:19

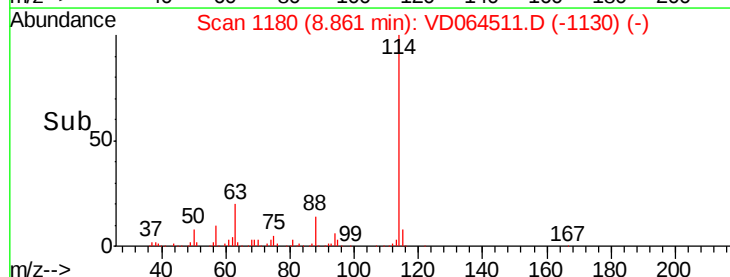
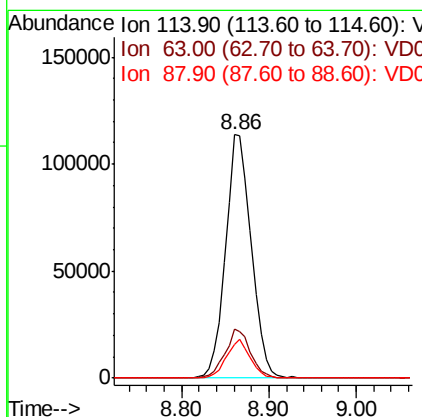
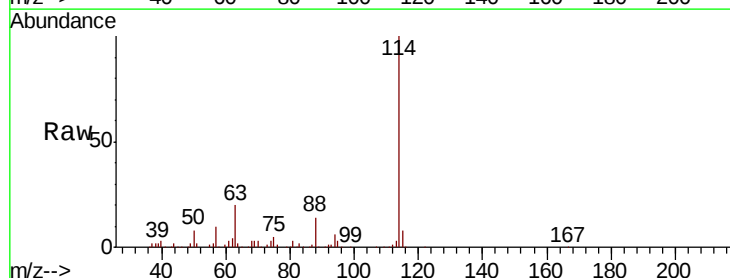
Instrument :
 MSVOA_D
 ClientSampleId :
 WO-3

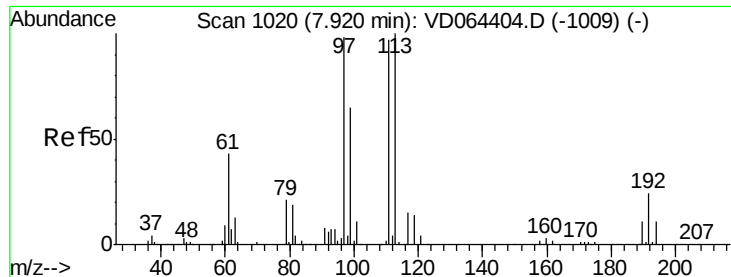
Tot Ion: 65 Resp: 89251
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD064511.D
 Acq: 13 Dec 2019 17:19

Tgt Ion: 114 Resp: 228741
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 13.6 0.0 29.2

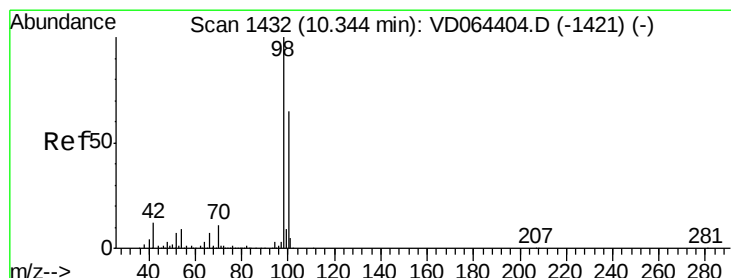
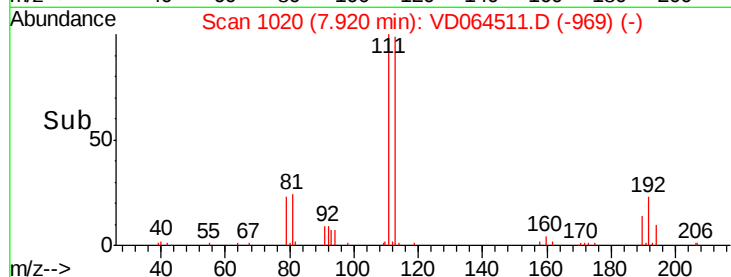
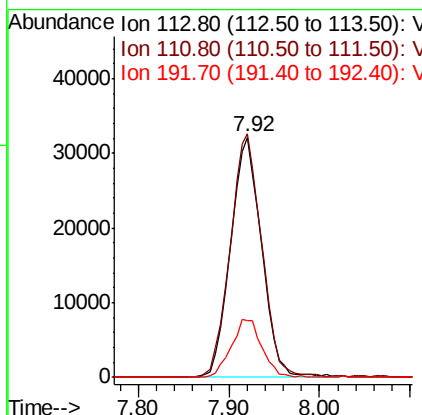
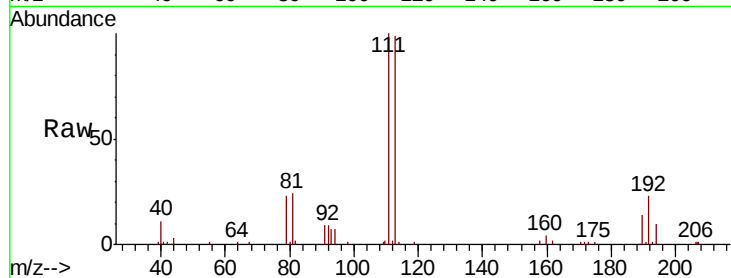




#35
 Dibromofluoromethane
 Concen: 52.900 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064511.D
 Acq: 13 Dec 2019 17:19

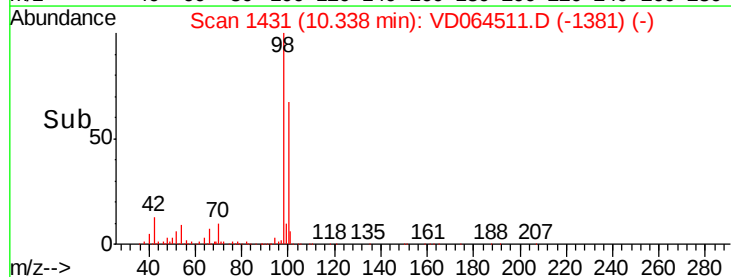
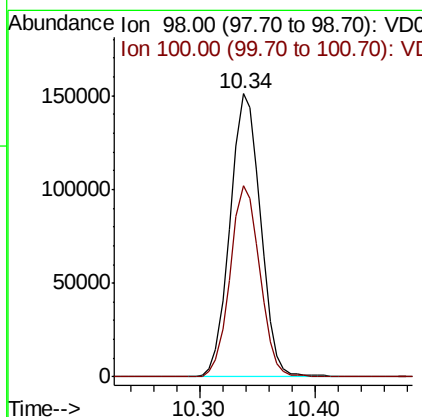
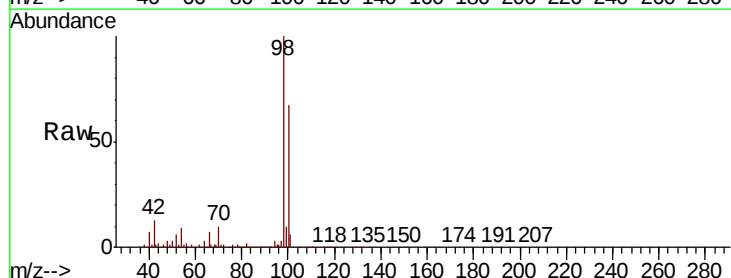
Instrument :
 MSVOA_D
 ClientSampleId :
 WO-3

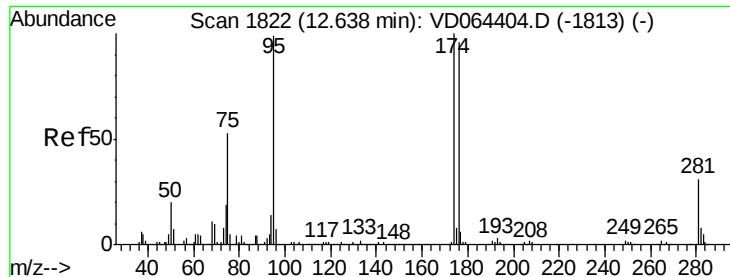
Tot Ion:113 Resp: 76239
 Ion Ratio Lower Upper
 113 100
 111 102.7 79.4 119.2
 192 23.7 18.6 28.0



#50
 Toluene-d8
 Concen: 51.134 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VD064511.D
 Acq: 13 Dec 2019 17:19

Tgt Ion: 98 Resp: 277595
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.6 79.0

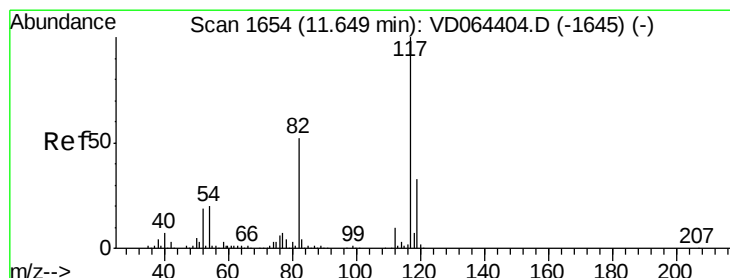
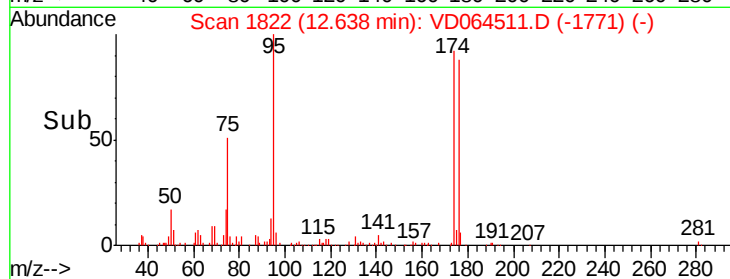
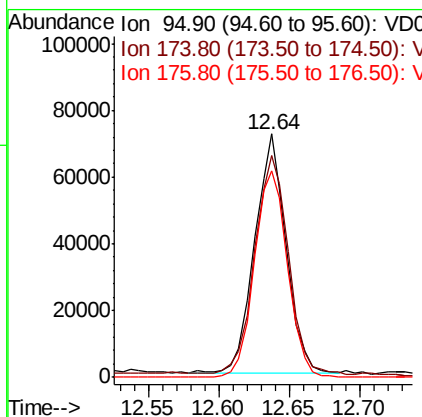
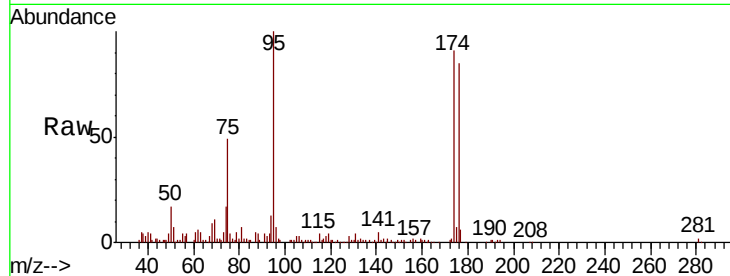




#62
4-Bromofluorobenzene
Concen: 64.624 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064511.D
Acq: 13 Dec 2019 17:19

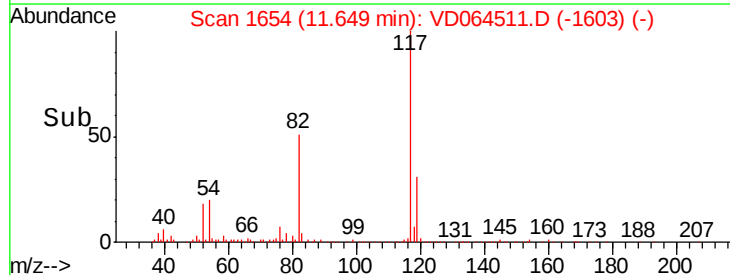
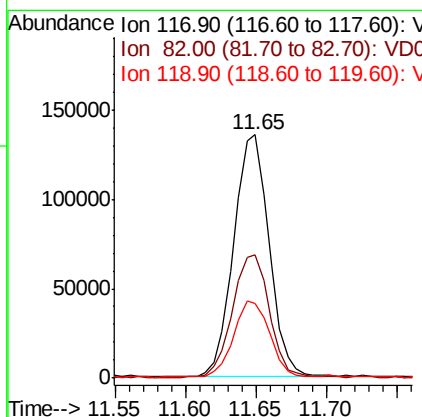
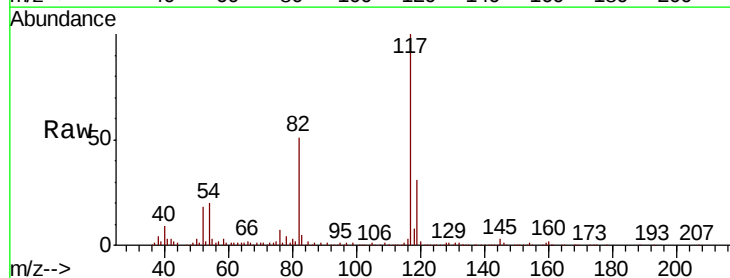
Instrument :
MSVOA_D
ClientSampleID :
WO-3

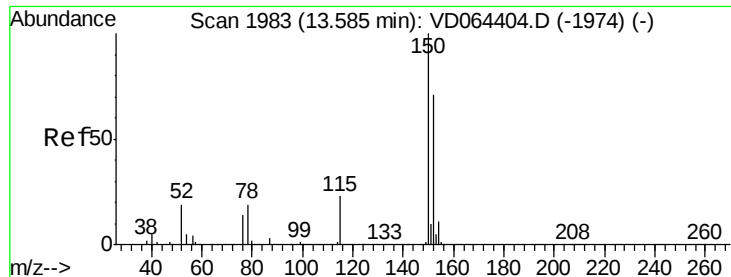
Tot Ion: 95 Resp: 112746
Ion Ratio Lower Upper
95 100
174 98.2 0.0 197.2
176 90.6 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064511.D
Acq: 13 Dec 2019 17:19

Tgt Ion: 117 Resp: 237819
Ion Ratio Lower Upper
117 100
82 50.6 41.4 62.2
119 30.4 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064511.D

Acq: 13 Dec 2019 17:19

Instrument :

MSVOA_D

ClientSampleId :

WO-3

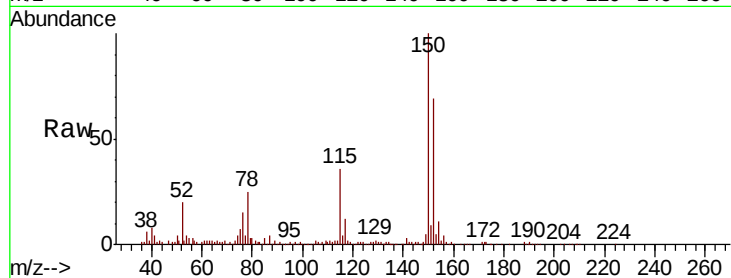
Tot Ion:152 Resp: 127123

Ion Ratio Lower Upper

152 100

115 56.6 26.7 80.1

150 155.2 0.0 347.2



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

