

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122319\
 Data File : VD064572.D
 Acq On : 23 Dec 2019 17:00
 Operator : VA/SY
 Sample : K6396-11
 Misc : 5.90G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-DUPLICATE

Quant Time: Dec 24 06:19:25 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

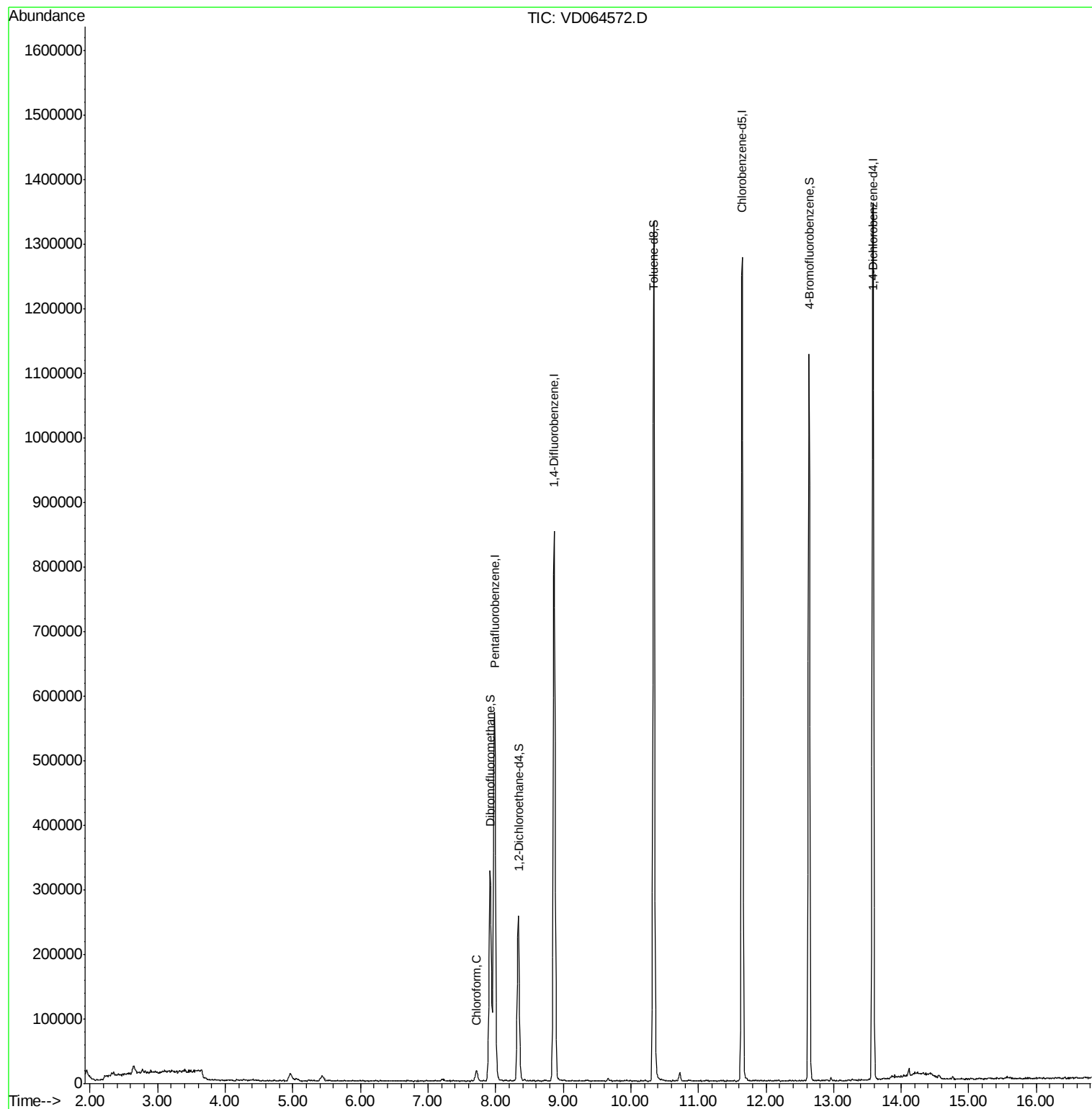
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	460175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	726316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	744499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	377595	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	200202	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
35) Dibromofluoromethane	7.92	113	223945	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
50) Toluene-d8	10.34	98	893606	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.64	95	325467	58.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.50%	
Target Compounds						
30) Chloroform	7.71	83	15909	1.999	ug/l	Qvalue 86

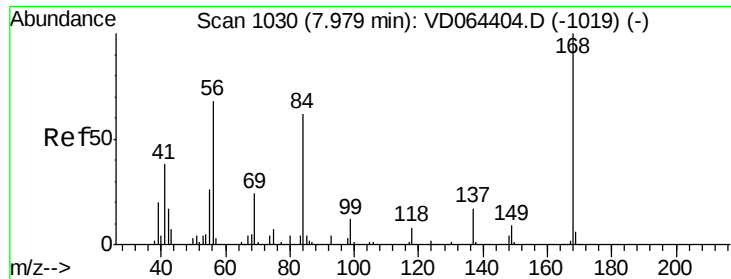
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064572.D

Acq: 23 Dec 2019 17:00

Instrument :

MSVOA_D

ClientSampleId :

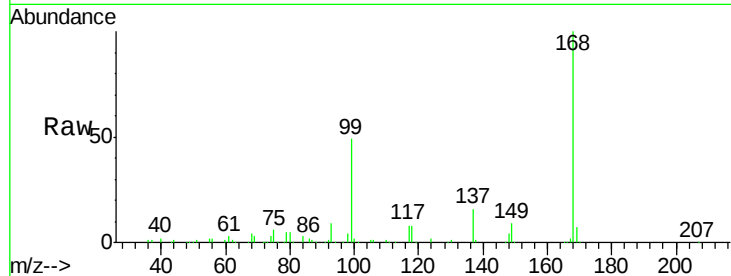
SOIL-DUPLICATE

Tot Ion:168 Resp: 460175

Ion Ratio Lower Upper

168 100

99 49.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

200000

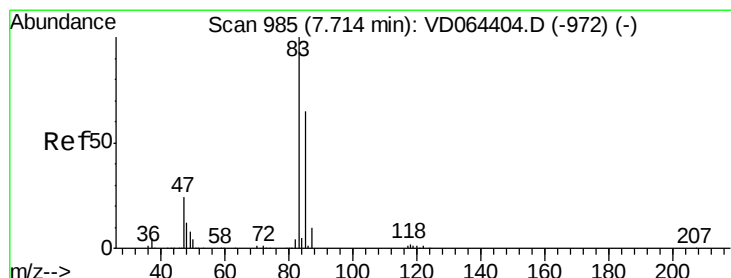
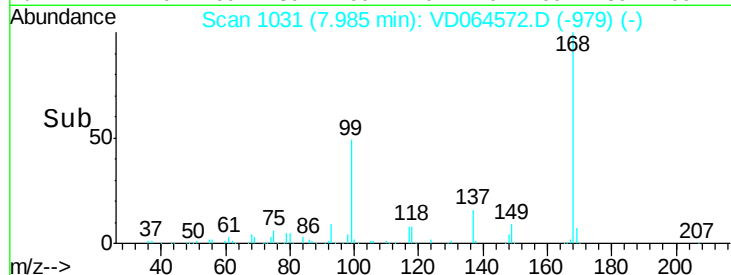
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.999 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064572.D

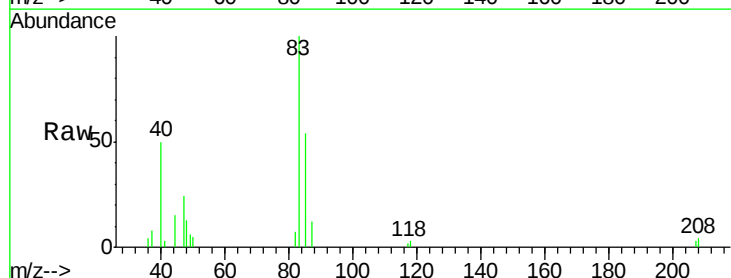
Acq: 23 Dec 2019 17:00

Tgt Ion: 83 Resp: 15909

Ion Ratio Lower Upper

83 100

85 54.1 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

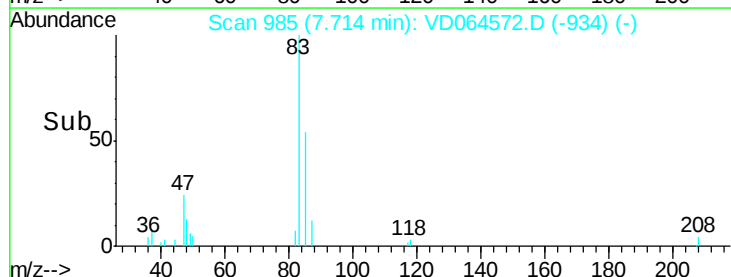
6000

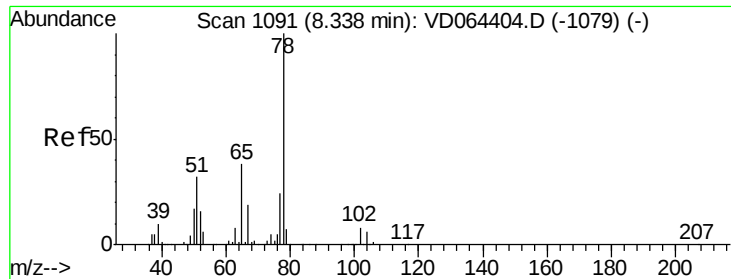
4000

2000

0

Time-->

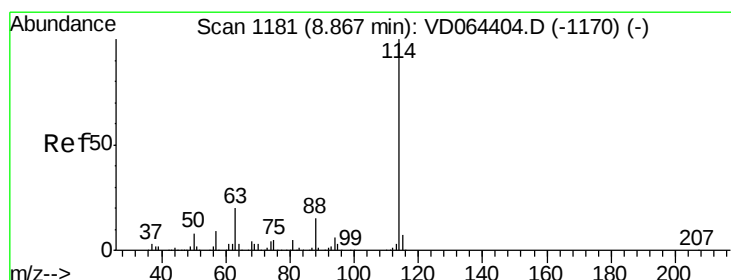
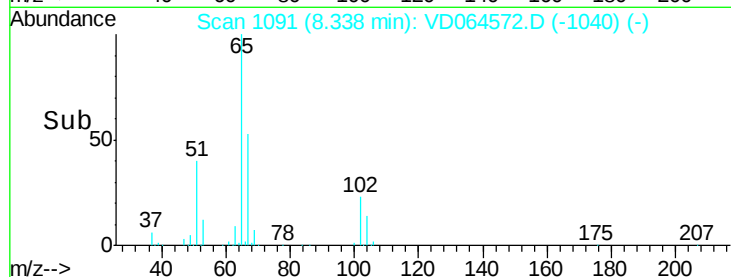
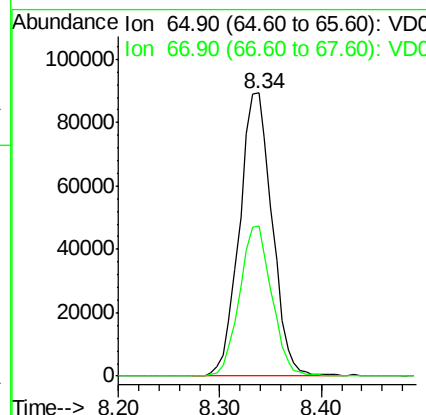
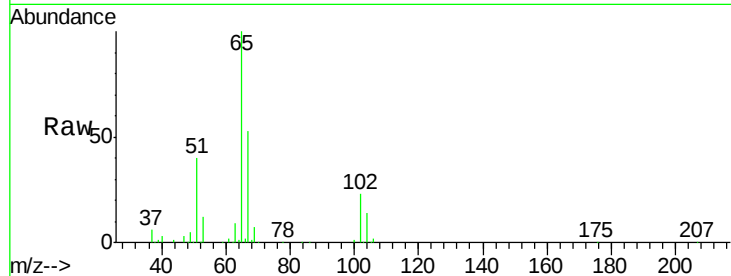




#33
 1,2-Dichloroethane-d4
 Concen: 48.065 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064572.D
 Acq: 23 Dec 2019 17:00

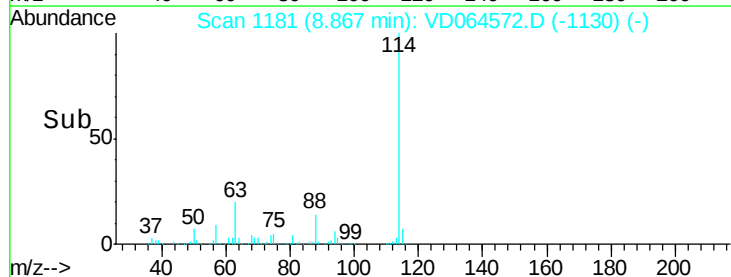
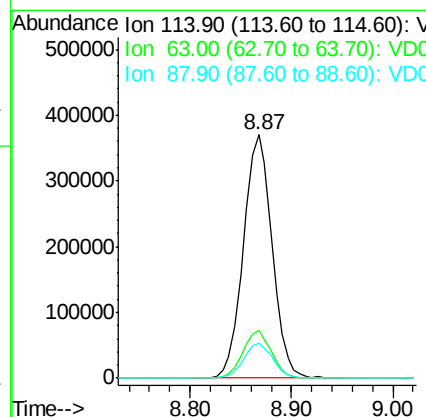
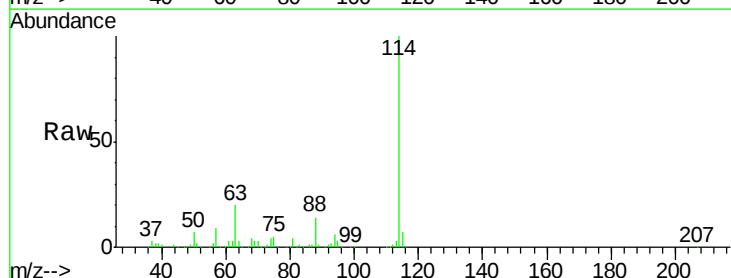
Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-DUPLICATE

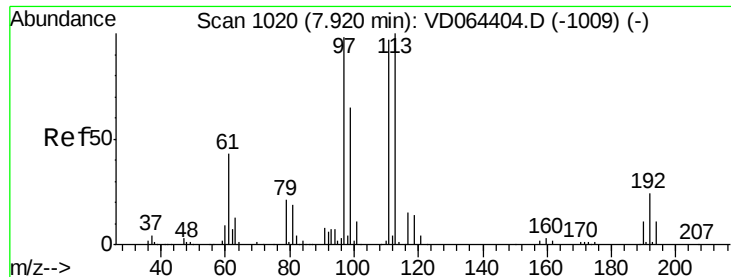
Tot Ion: 65 Resp: 200202
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064572.D
 Acq: 23 Dec 2019 17:00

Tgt Ion: 114 Resp: 726316
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 14.4 0.0 29.2

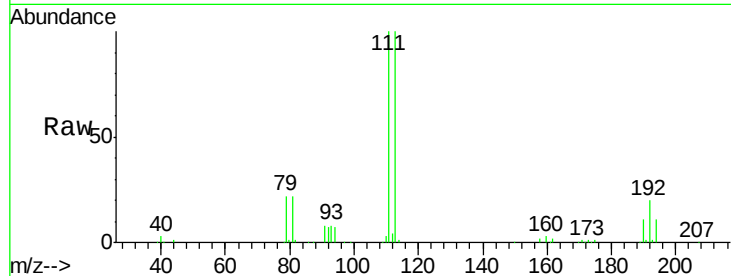




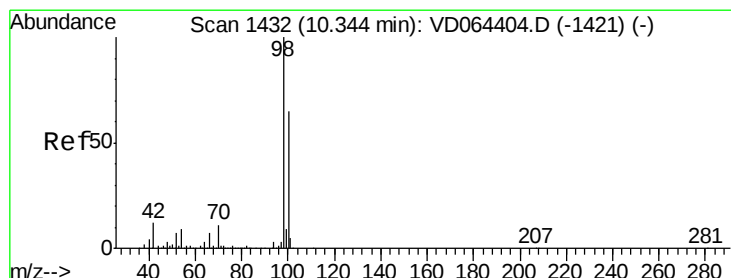
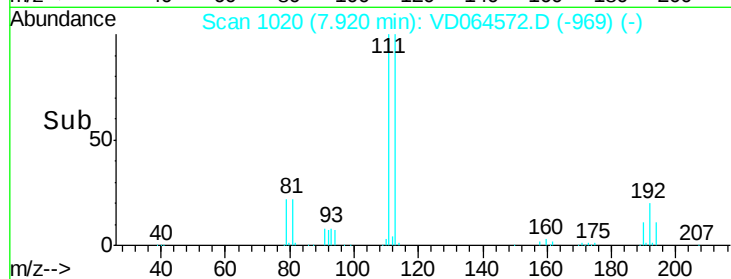
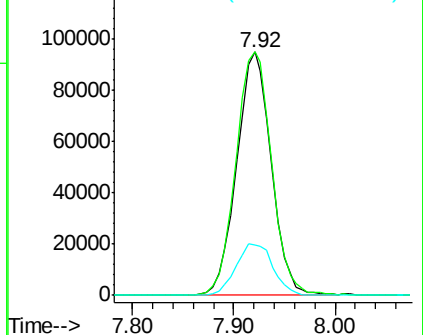
#35
Dibromofluoromethane
Concen: 48.937 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064572.D
Acq: 23 Dec 2019 17:00

Instrument :
MSVOA_D
ClientSampleId :
SOIL-DUPLICATE

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	79.4	119.2
192	22.6	18.6	28.0

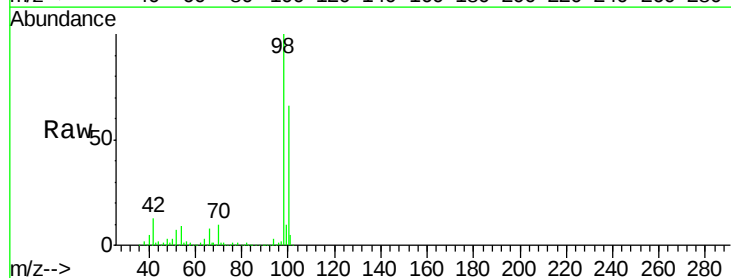


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

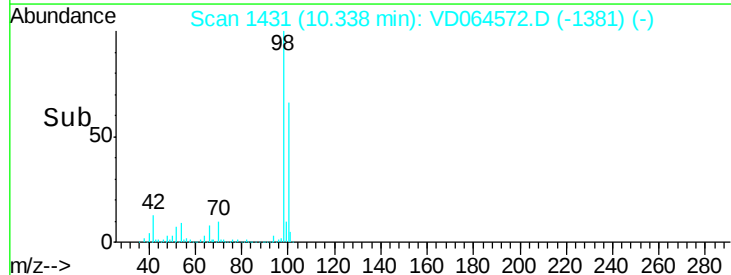
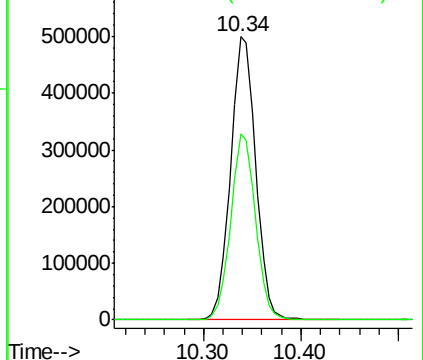


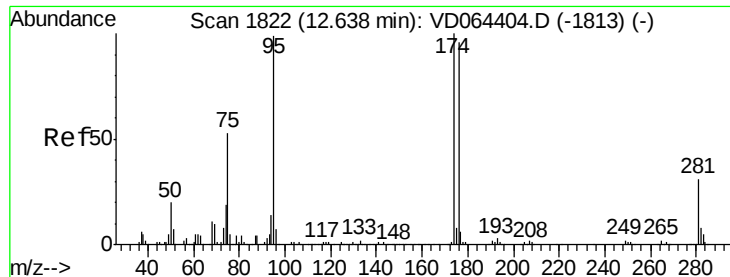
#50
Toluene-d8
Concen: 51.840 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064572.D
Acq: 23 Dec 2019 17:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.6	79.0



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

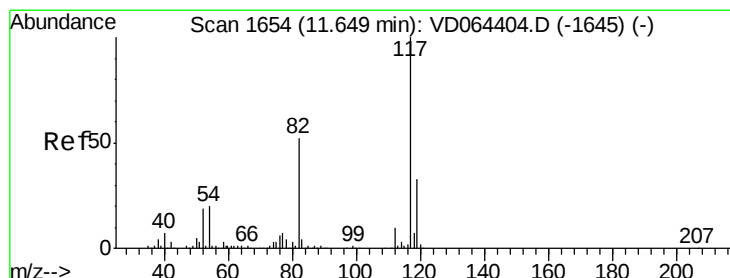
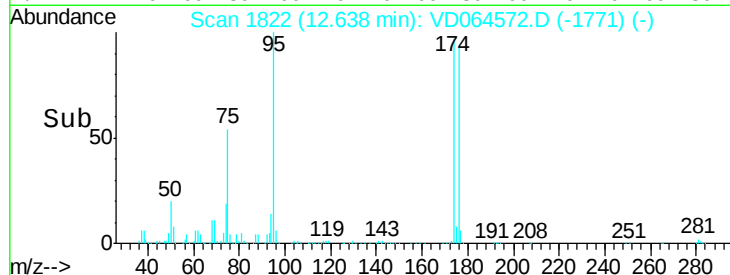
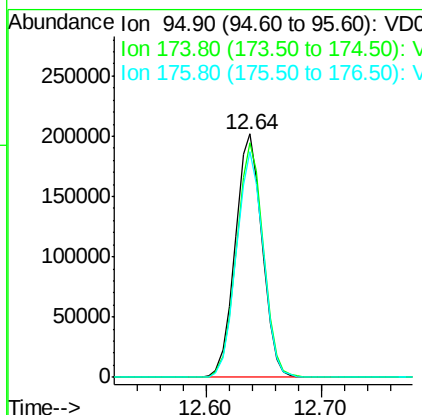
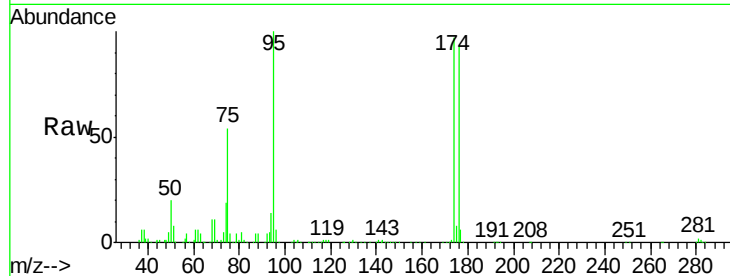




#62
4-Bromofluorobenzene
Concen: 58.751 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064572.D
Acq: 23 Dec 2019 17:00

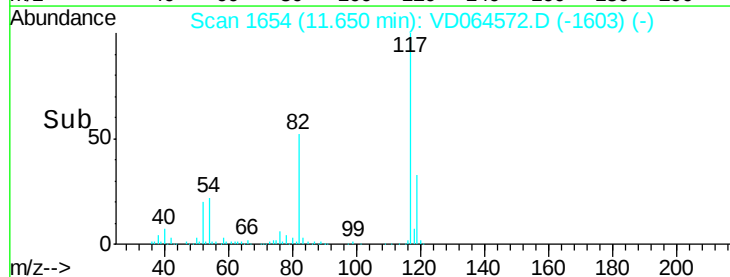
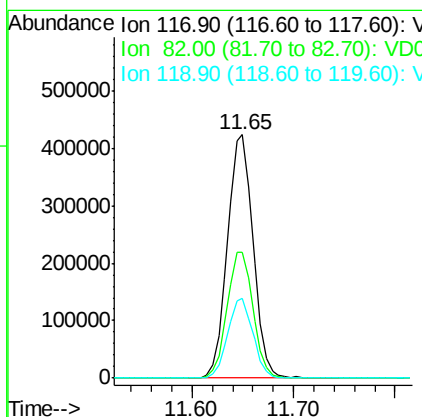
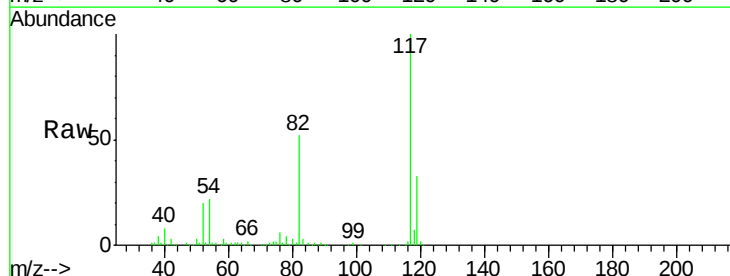
Instrument :
MSVOA_D
ClientSampleId :
SOIL-DUPLICATE

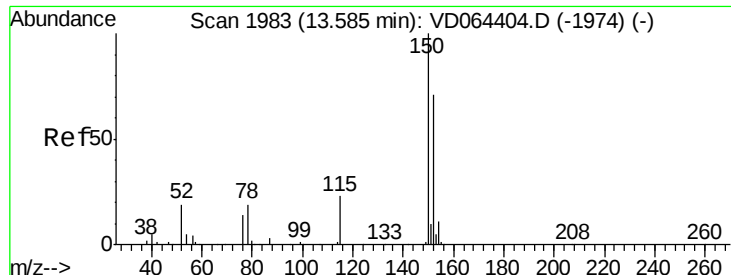
Tot Ion: 95 Resp: 325467
Ion Ratio Lower Upper
95 100
174 96.1 0.0 197.2
176 91.9 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064572.D
Acq: 23 Dec 2019 17:00

Tgt Ion: 117 Resp: 744499
Ion Ratio Lower Upper
117 100
82 51.8 41.4 62.2
119 32.8 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: VD064572.D

Acq: 23 Dec 2019 17:00

Instrument :

MSVOA_D

ClientSampleId :

SOIL-DUPLICATE

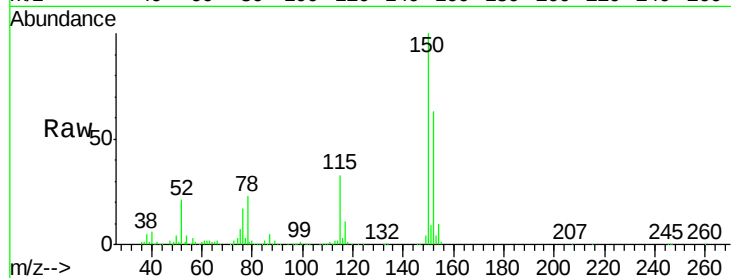
Tot Ion:152 Resp: 377595

Ion Ratio Lower Upper

152 100

115 53.5 26.7 80.1

150 157.7 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

