

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120619\
 Data File : VD064462.D
 Acq On : 06 Dec 2019 16:54
 Operator : VA/SY
 Sample : K6188-01
 Misc : 5.39/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-COMP-1

Quant Time: Dec 06 23:31:40 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	700076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1050526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	998202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	493461	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	313536	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
35) Dibromofluoromethane	7.92	113	317925	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
50) Toluene-d8	10.34	98	1246129	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.64	95	429201	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	

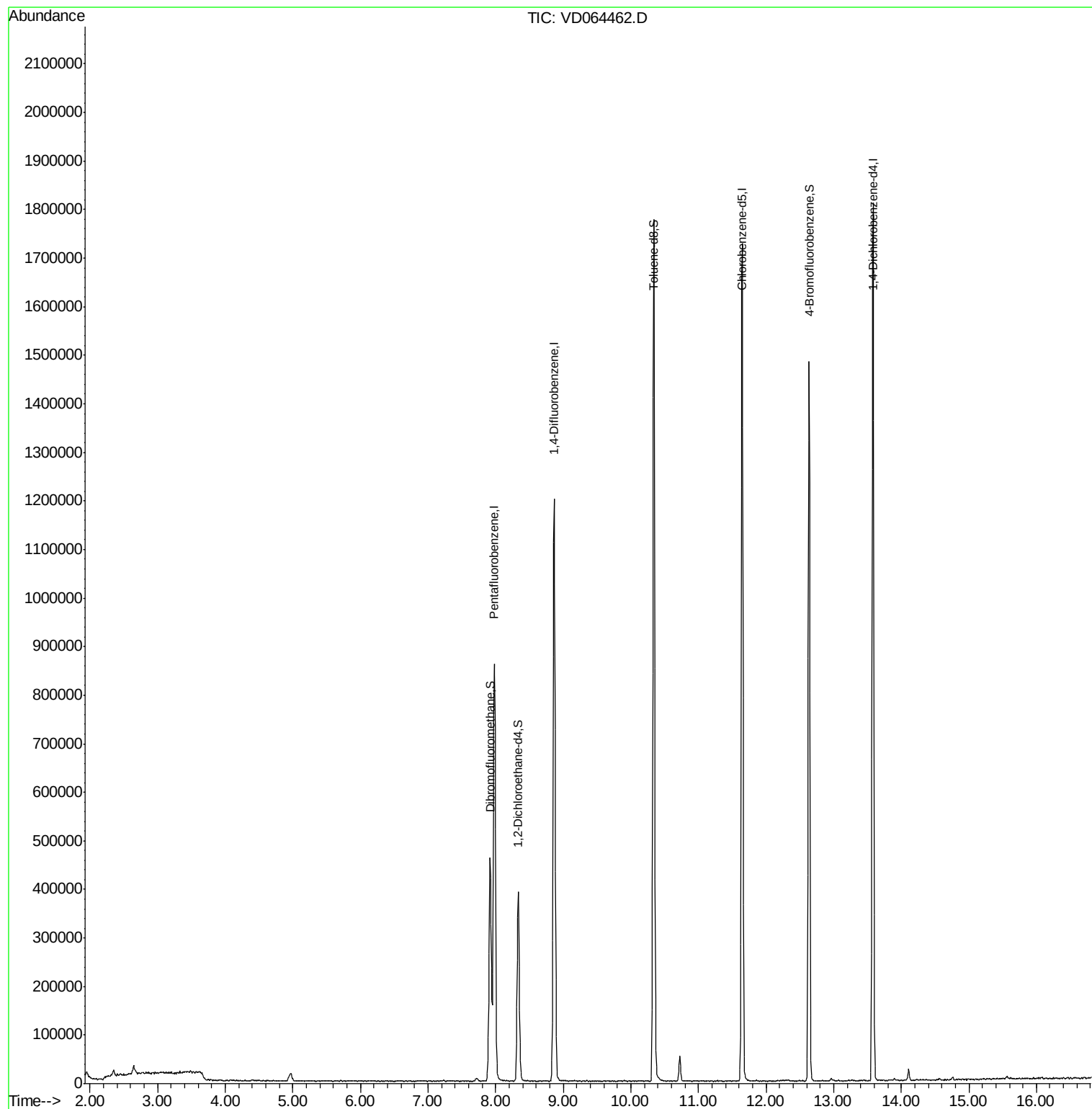
Target Compounds	Qvalue

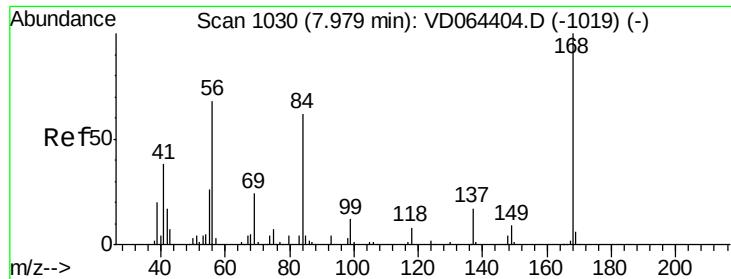
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120619\
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Quant Title : SW846 8260
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: VD064462.D

Acq: 06 Dec 2019 16:54

Instrument :

MSVOA_D

ClientSampleId :

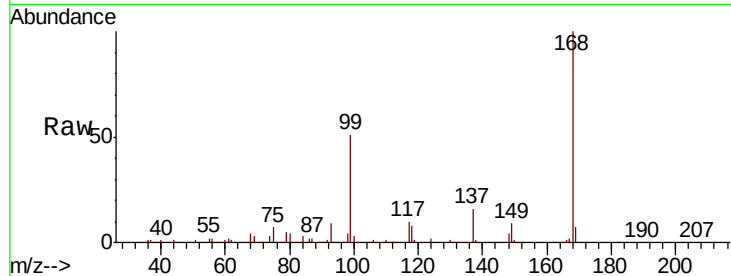
SOIL-COMP-1

Tot Ion:168 Resp: 700076

Ion Ratio Lower Upper

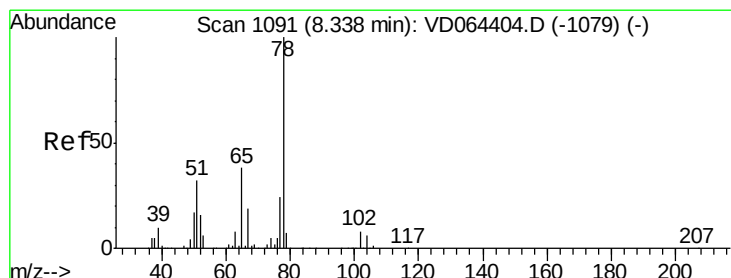
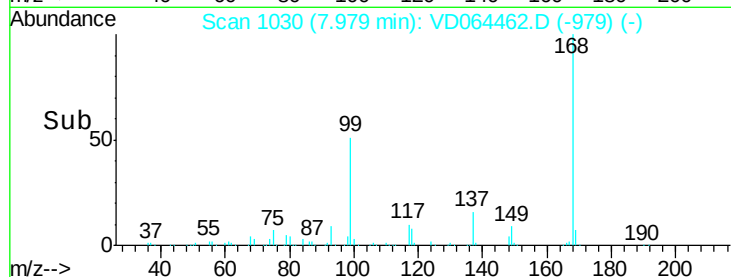
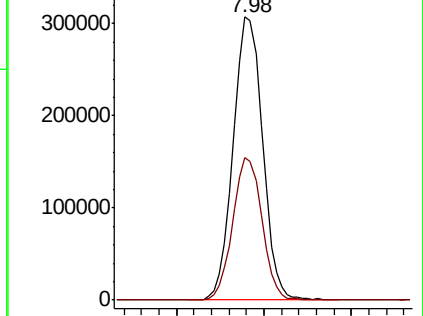
168 100

99 50.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 49.479 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064462.D

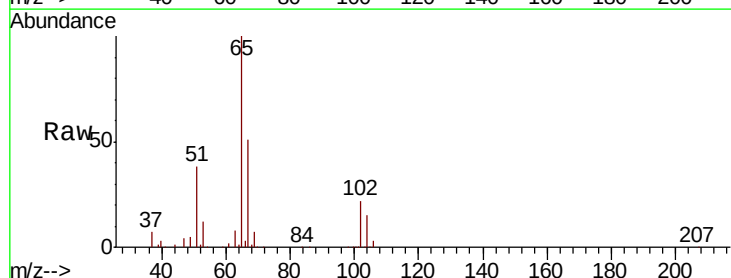
Acq: 06 Dec 2019 16:54

Tgt Ion: 65 Resp: 313536

Ion Ratio Lower Upper

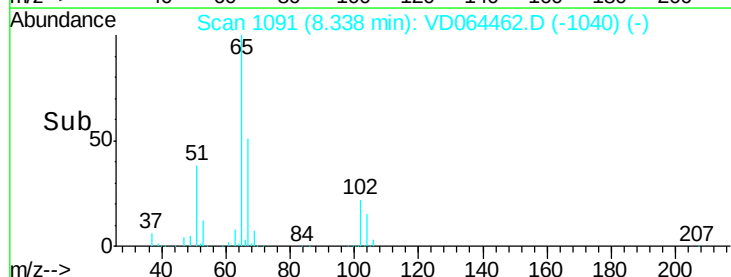
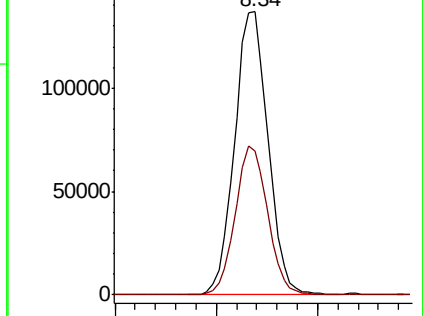
65 100

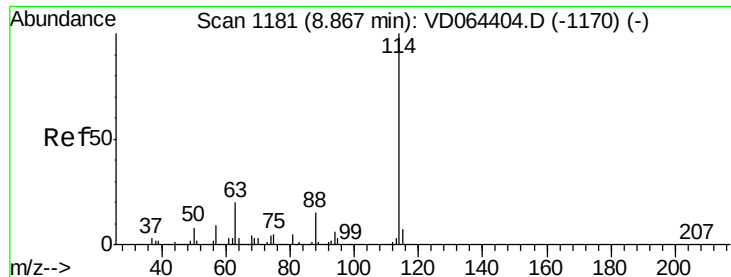
67 51.1 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064462.D

Acq: 06 Dec 2019 16:54

Instrument :

MSVOA_D

ClientSampleId :

SOIL-COMP-1

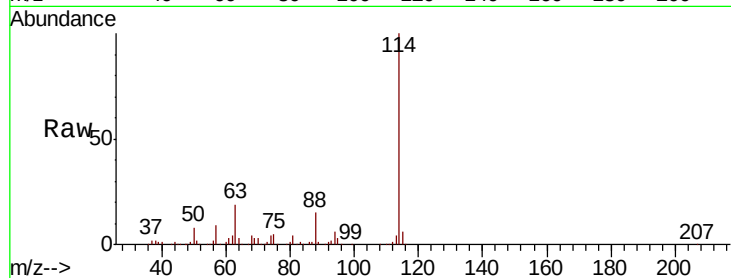
Tot Ion:114 Resp: 1050526

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

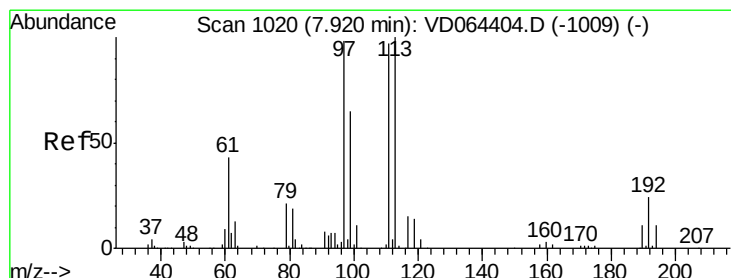
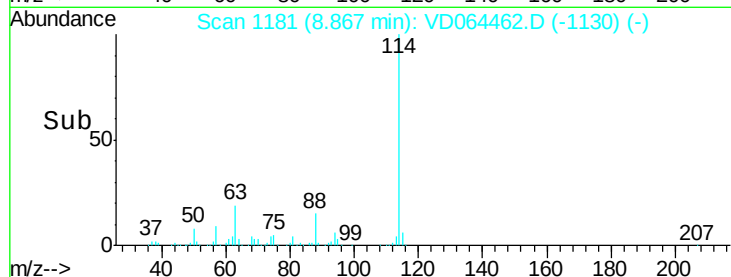
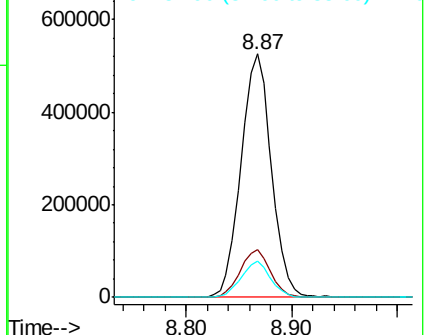
88 15.0 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 48.033 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064462.D

Acq: 06 Dec 2019 16:54

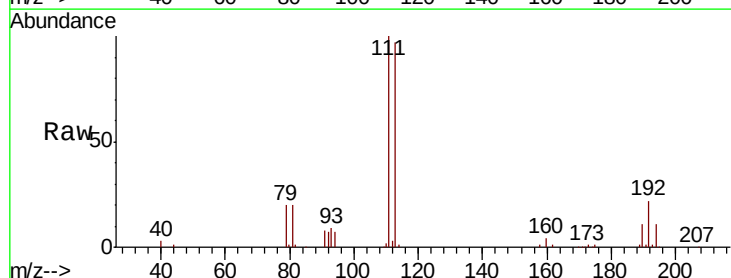
Tgt Ion:113 Resp: 317925

Ion Ratio Lower Upper

113 100

111 103.5 79.4 119.2

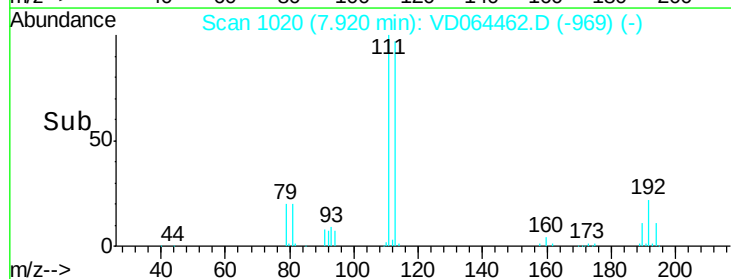
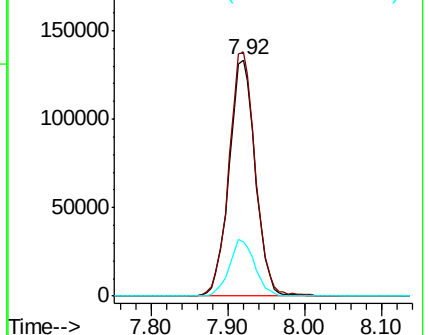
192 23.3 18.6 28.0

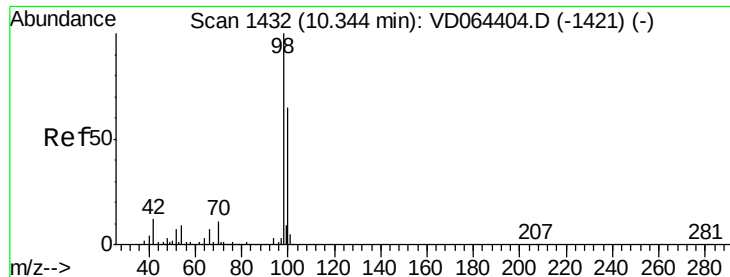


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

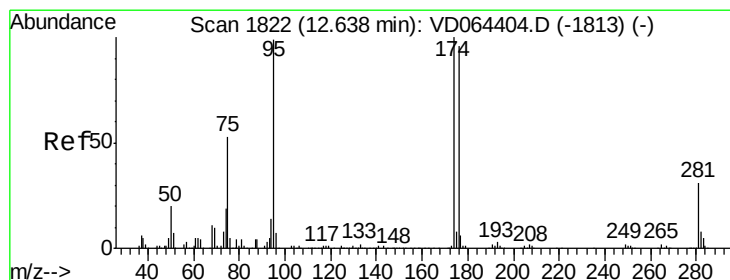
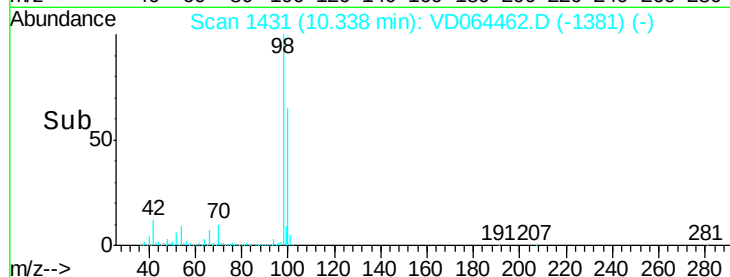
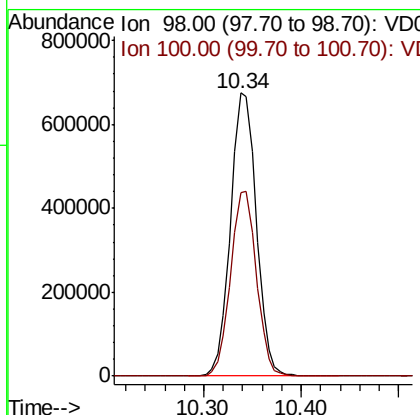
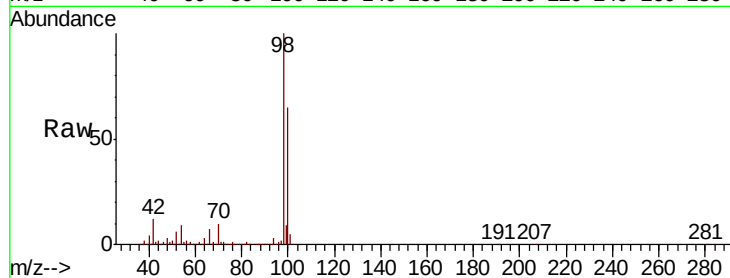




#50
Toluene-d8
Concen: 49.980 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064462.D
Acq: 06 Dec 2019 16:54

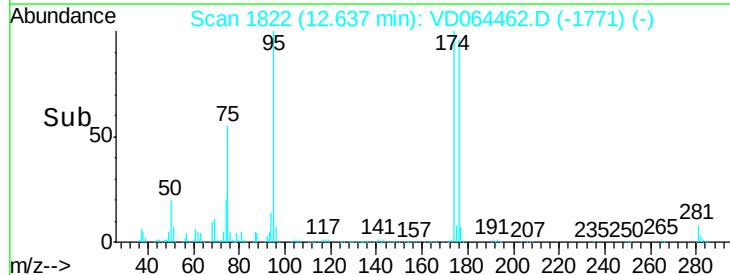
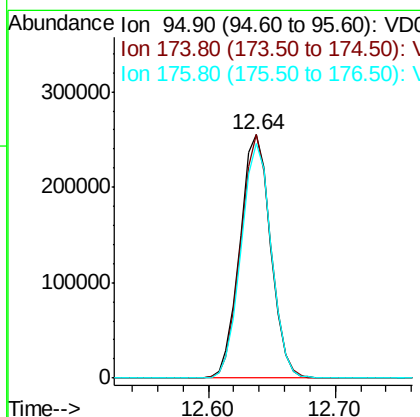
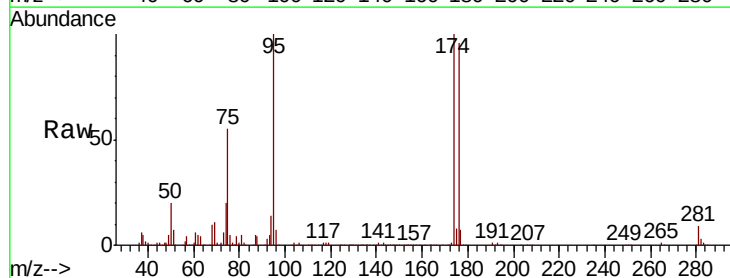
Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP-1

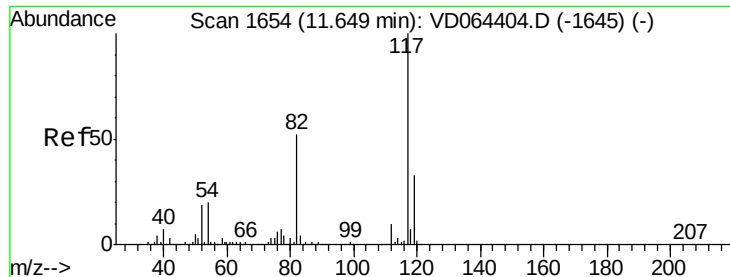
Tot Ion: 98 Resp: 1246129
Ion Ratio Lower Upper
98 100
100 65.3 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 53.566 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064462.D
Acq: 06 Dec 2019 16:54

Tgt Ion: 95 Resp: 429201
Ion Ratio Lower Upper
95 100
174 97.7 0.0 197.2
176 94.8 0.0 189.6

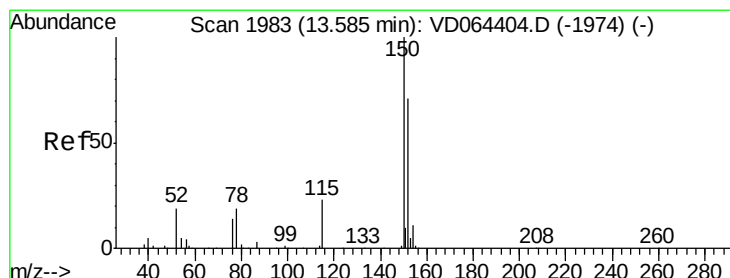
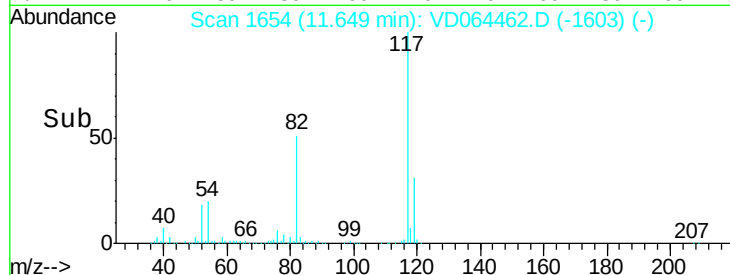
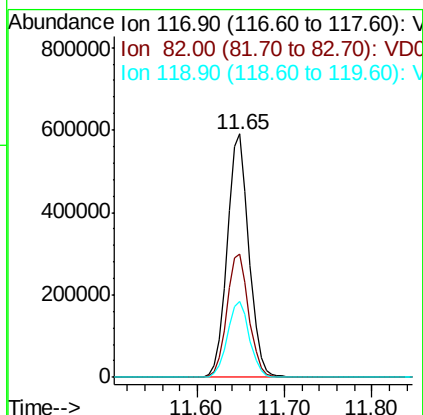
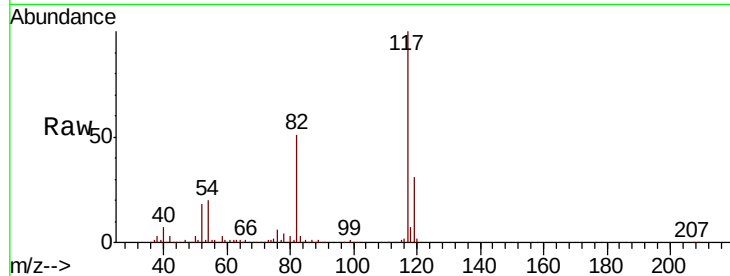




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064462.D
Acq: 06 Dec 2019 16:54

Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	41.4	62.2
119	31.1	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: VD064462.D
Acq: 06 Dec 2019 16:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	26.7	80.1
150	158.3	0.0	347.2

