

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030220\
 Data File : VD065381.D
 Acq On : 02 Mar 2020 16:16
 Operator : VA/SY
 Sample : L1763-01RE
 Misc : 5.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOILRE

Quant Time: Mar 02 17:20:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

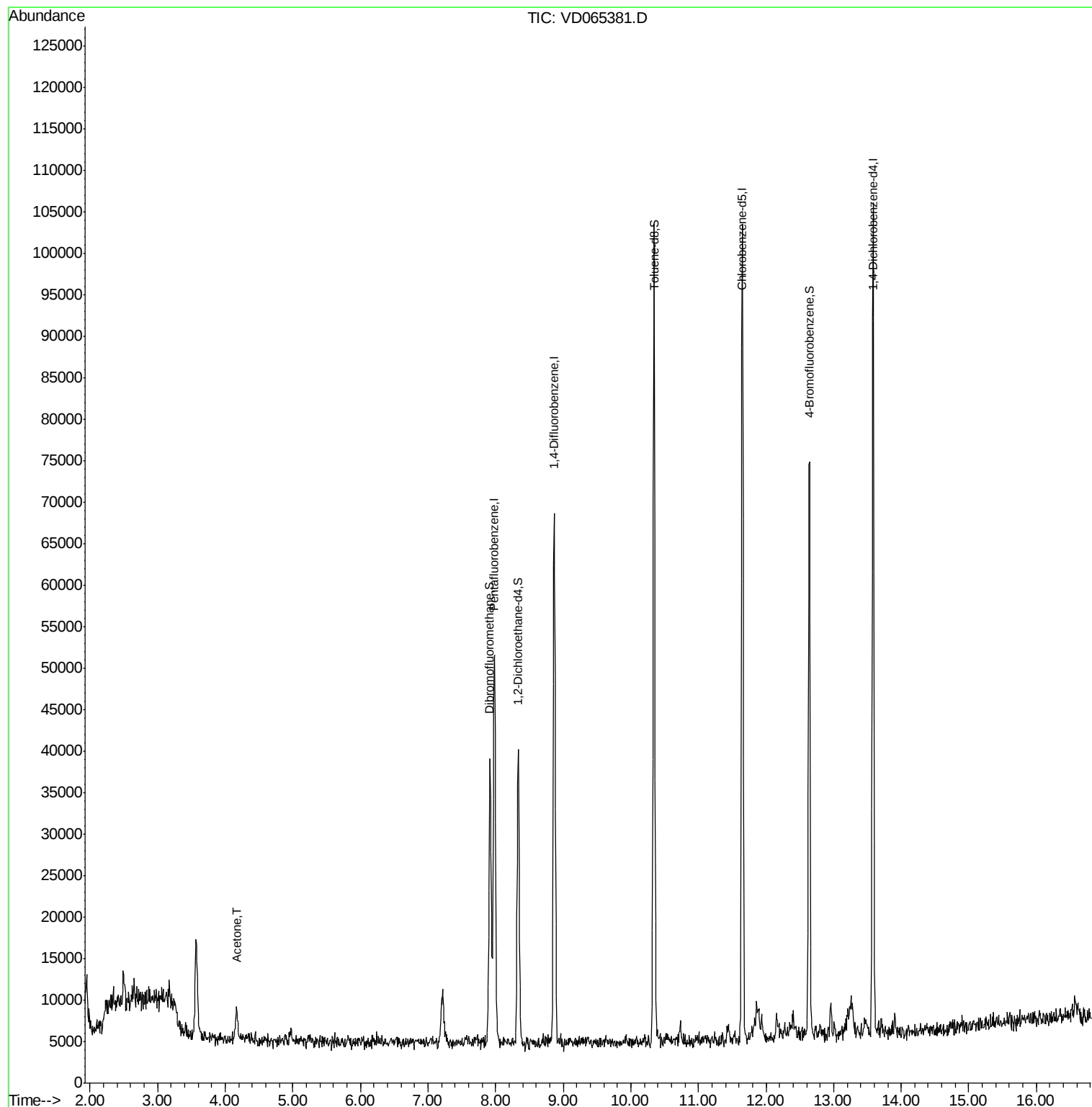
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	36536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	55980	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	58374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	26536	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	28131	85.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	171.18%	
35) Dibromofluoromethane	7.92	113	23991	70.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	140.58%	
50) Toluene-d8	10.34	98	70142	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
62) 4-Bromofluorobenzene	12.64	95	22927	55.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.92%	
Target Compounds						
16) Acetone	4.16	43	6179	76.905	ug/l #	Qvalue 87

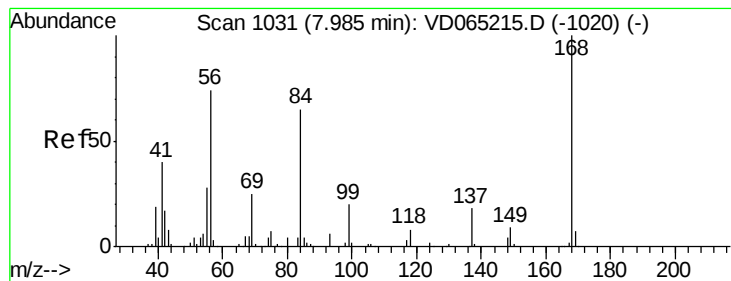
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065381.D

Acq: 02 Mar 2020 16:16

Instrument :

MSVOA_D

ClientSampleId :

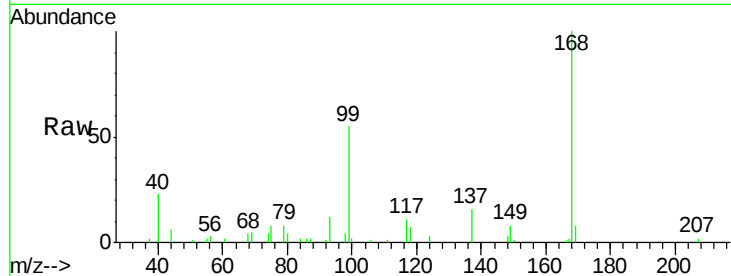
SOILRE

Tot Ion:168 Resp: 36536

Ion Ratio Lower Upper

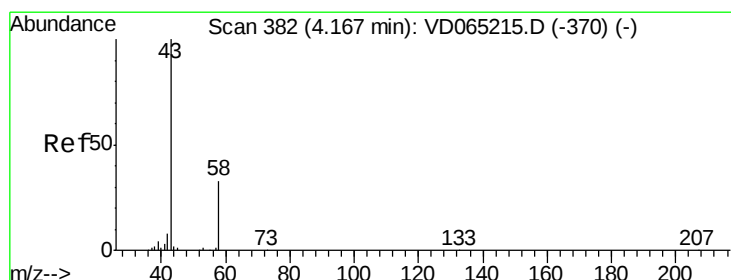
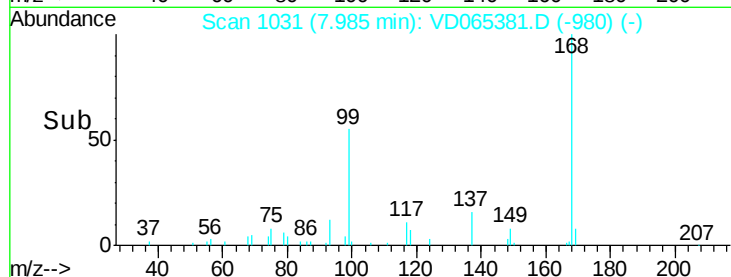
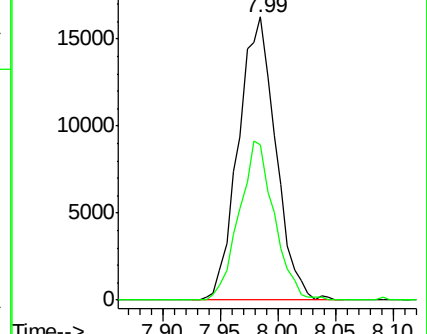
168 100

99 55.0 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 76.905 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065381.D

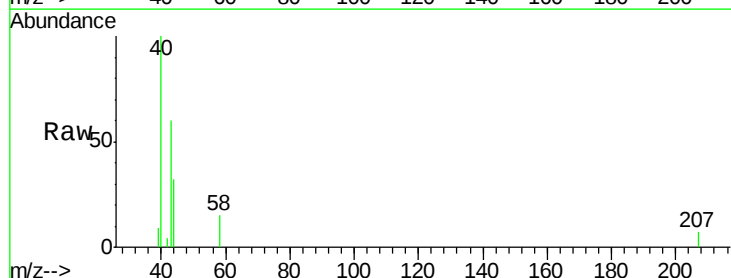
Acq: 02 Mar 2020 16:16

Tgt Ion: 43 Resp: 6179

Ion Ratio Lower Upper

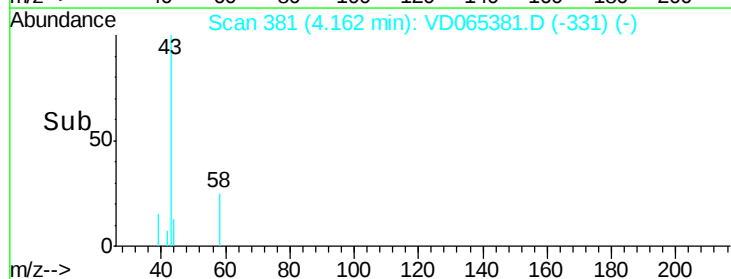
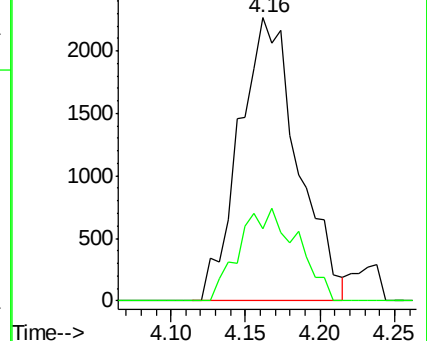
43 100

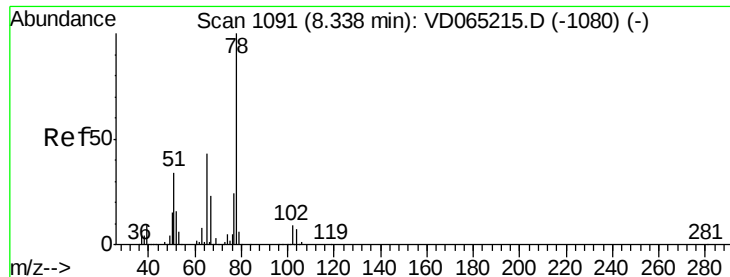
58 25.5 26.2 39.2#



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: 85.587 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065381.D

Acq: 02 Mar 2020 16:16

Instrument :

MSVOA_D

ClientSampleId :

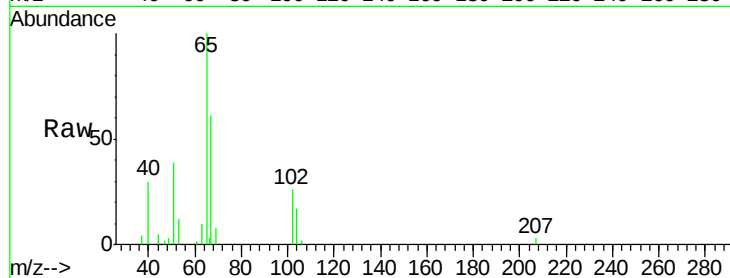
SOILRE

Tot Ion: 65 Resp: 28131

Ion Ratio Lower Upper

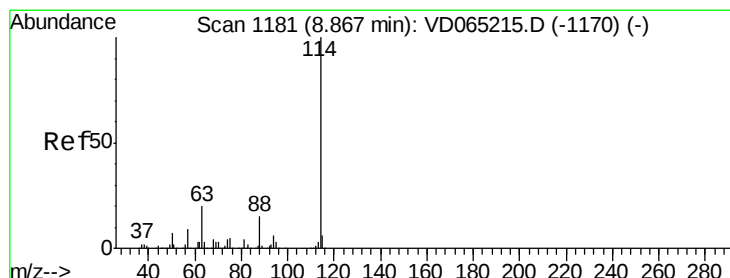
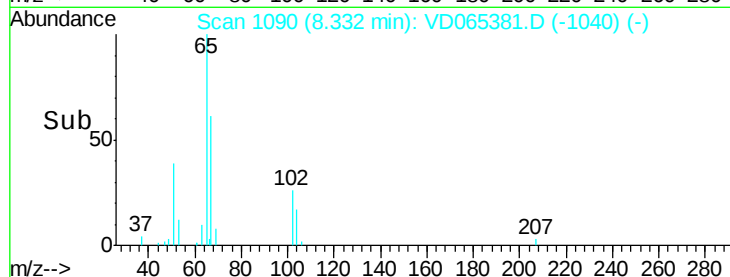
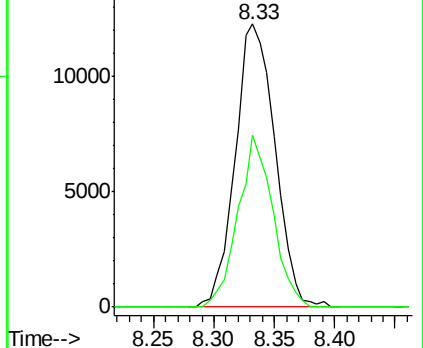
65 100

67 53.1 0.0 106.8



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: VD065381.D

Acq: 02 Mar 2020 16:16

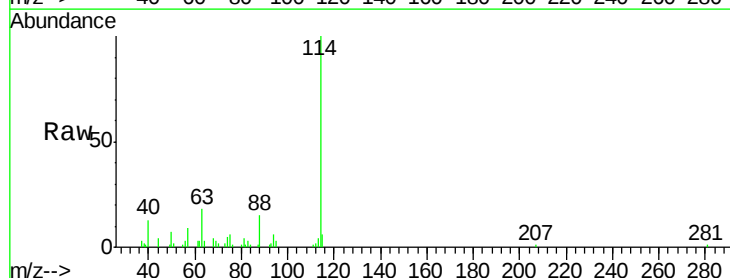
Tgt Ion: 114 Resp: 55980

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.4

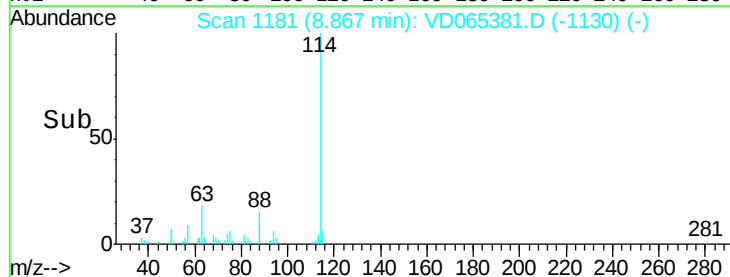
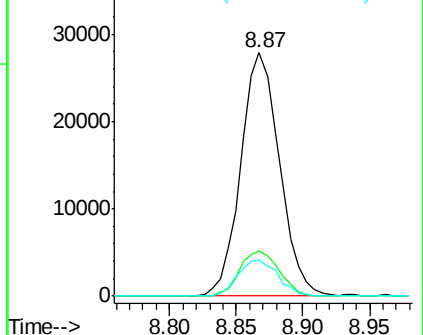
88 14.9 0.0 30.4

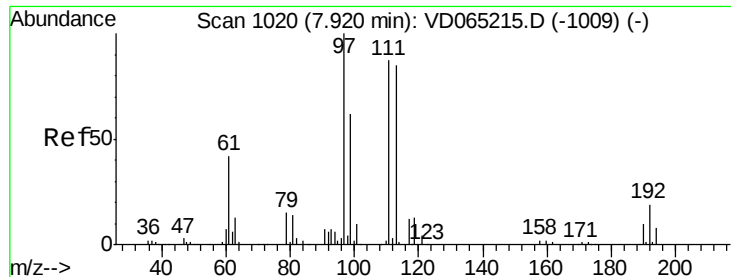


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

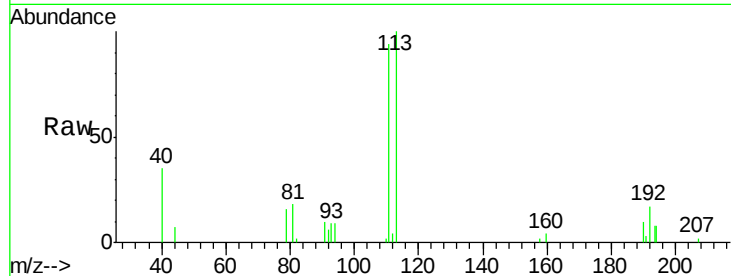




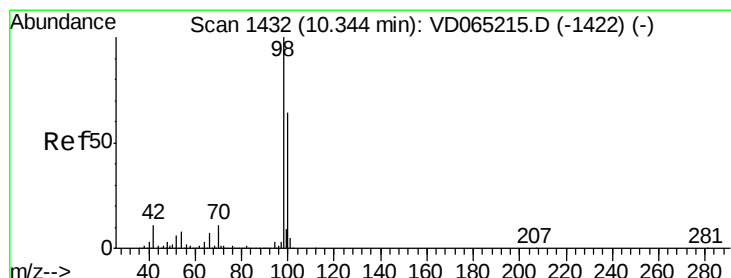
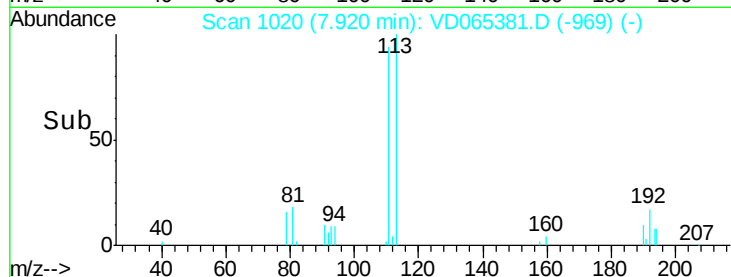
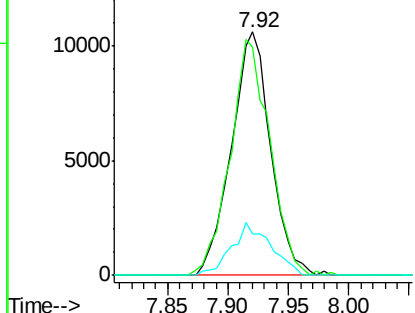
#35
Dibromofluoromethane
Concen: 70.286 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065381.D
Acq: 02 Mar 2020 16:16

Instrument :
MSVOA_D
ClientSampleId :
SOILRE

Tot Ion:113 Resp: 23991
Ion Ratio Lower Upper
113 100
111 98.0 82.9 124.3
192 21.5 17.3 25.9

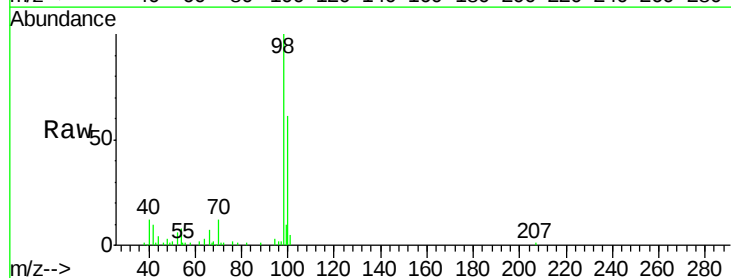


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

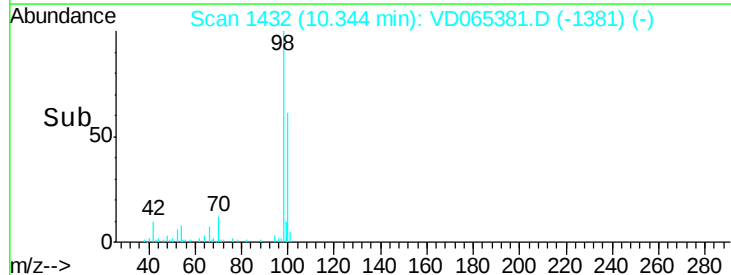
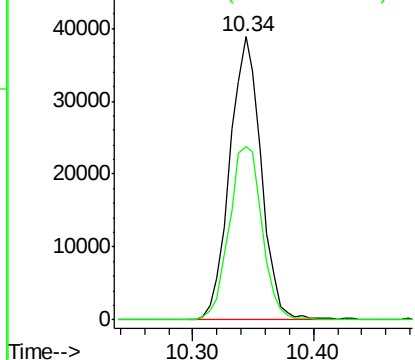


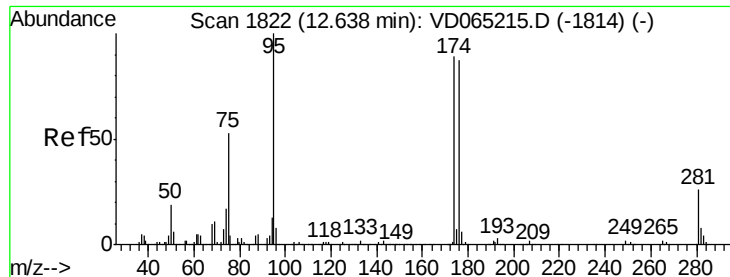
#50
Toluene-d8
Concen: 53.753 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065381.D
Acq: 02 Mar 2020 16:16

Tgt Ion: 98 Resp: 70142
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



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

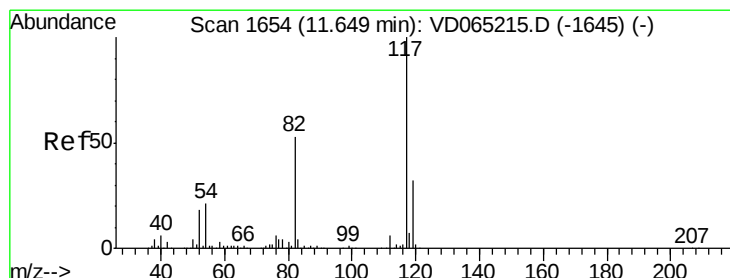
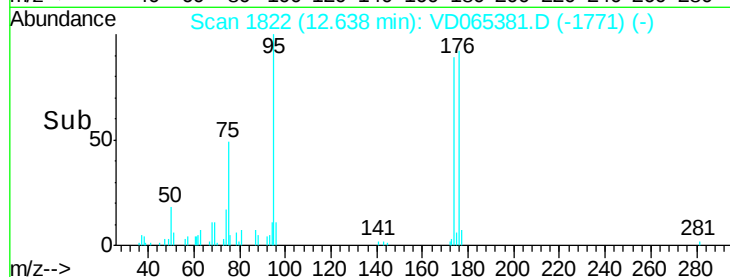
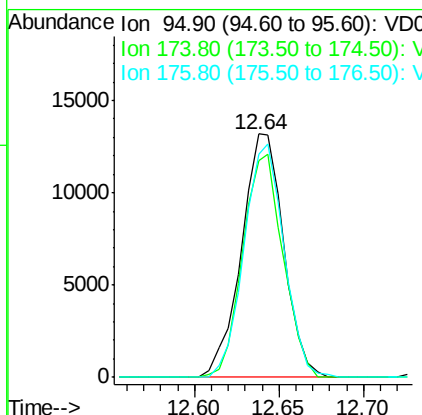
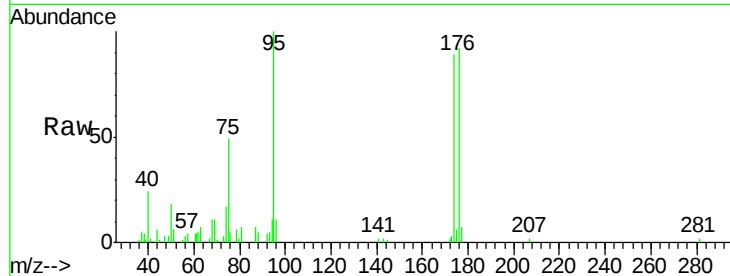




#62
4-Bromofluorobenzene
Concen: 55.463 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065381.D
Acq: 02 Mar 2020 16:16

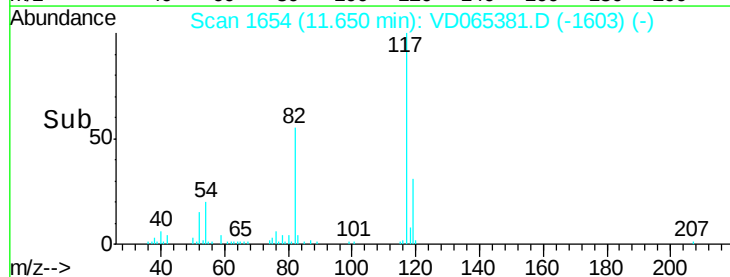
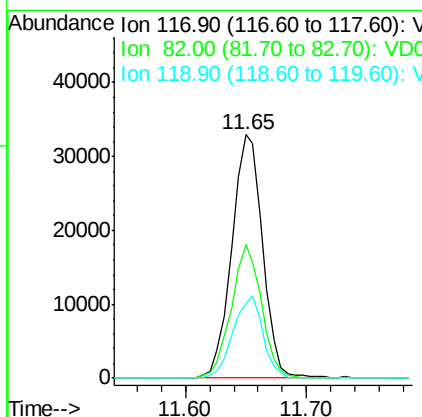
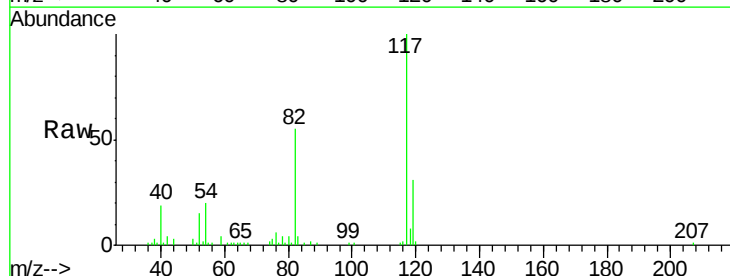
Instrument :
MSVOA_D
ClientSampleId :
SOILRE

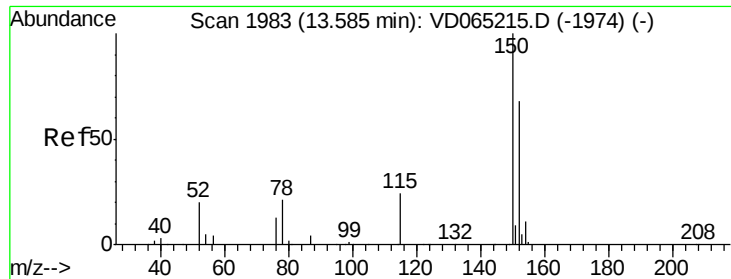
Tot Ion: 95 Resp: 22927
Ion Ratio Lower Upper
95 100
174 87.3 0.0 178.0
176 90.9 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065381.D
Acq: 02 Mar 2020 16:16

Tgt Ion: 117 Resp: 58374
Ion Ratio Lower Upper
117 100
82 54.9 42.7 64.1
119 30.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065381.D

Acq: 02 Mar 2020 16:16

Instrument :

MSVOA_D

ClientSampleId :

SOILRE

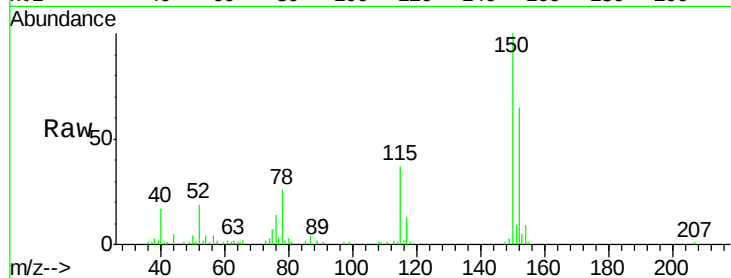
Tot Ion:152 Resp: 26536

Ion Ratio Lower Upper

152 100

115 58.1 27.6 82.8

150 163.8 0.0 347.4



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

