

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 17:19:04 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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%	

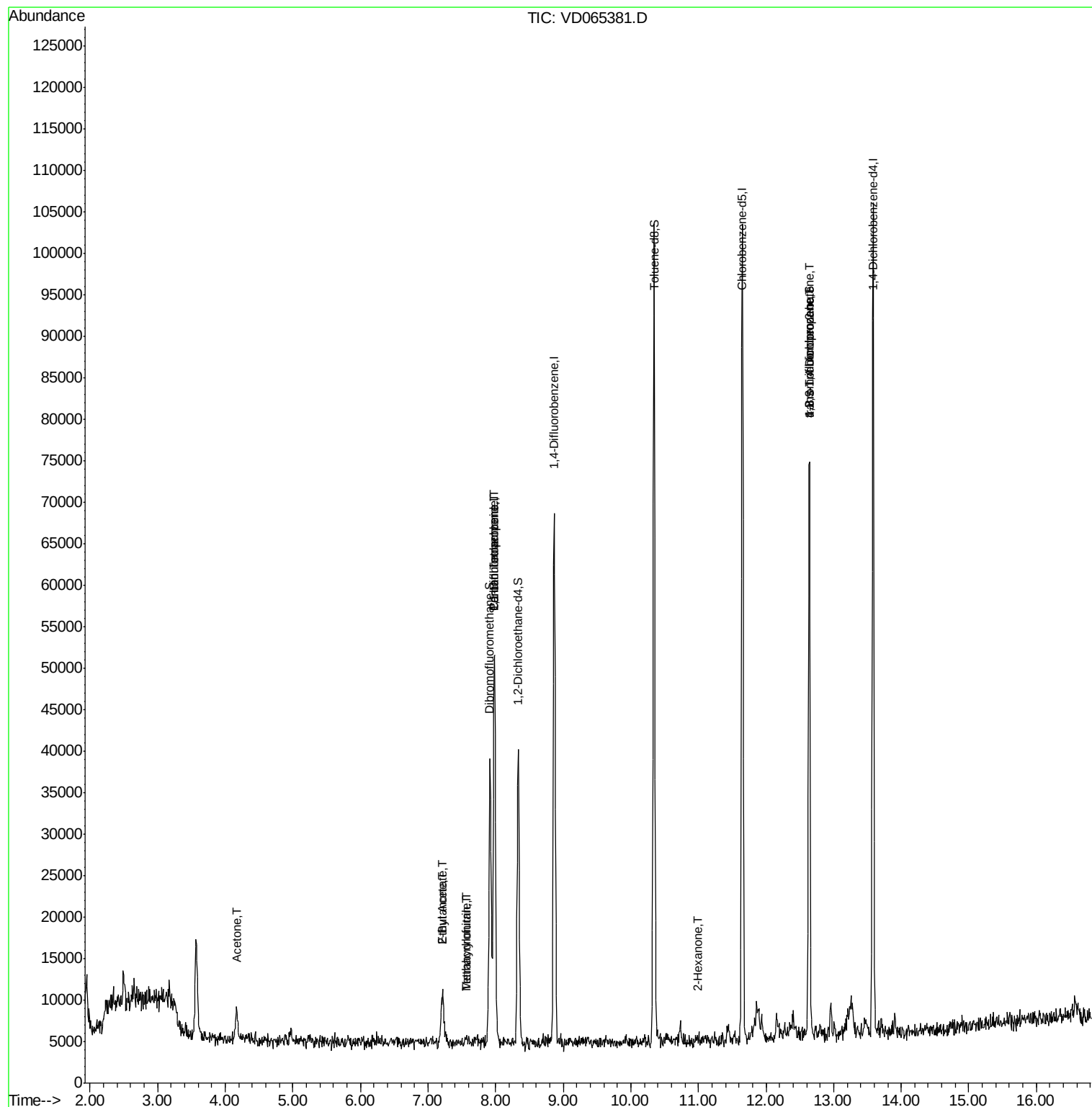
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	6179	76.91	ug/l #	87
20) Methylene Chloride	4.97	84	769	Below Cal	#	74
25) 2-Butanone	7.22	43	7094	69.79	ug/l #	84
29) Tetrahydrofuran	7.57	42	530	8.90	ug/l #	46
36) 1,1-Dichloropropene	7.97	75	2903	5.33	ug/l #	41
37) Ethyl Acetate	7.22	43	7094	31.15	ug/l #	70
38) Carbon Tetrachloride	7.98	117	3721	6.71	ug/l #	12
41) Methacrylonitrile	7.56	41	411	3.13	ug/l #	21
59) 2-Hexanone	10.98	43	153	1.02	ug/l #	26
76) 1,2,3-Trichloropropane	12.64	75	11358	50.31	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	11358	108.62	ug/l #	11

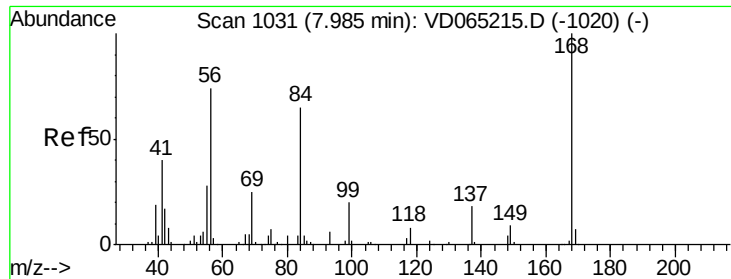
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD030220\
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Quant Time: Mar 02 17:19:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 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 :

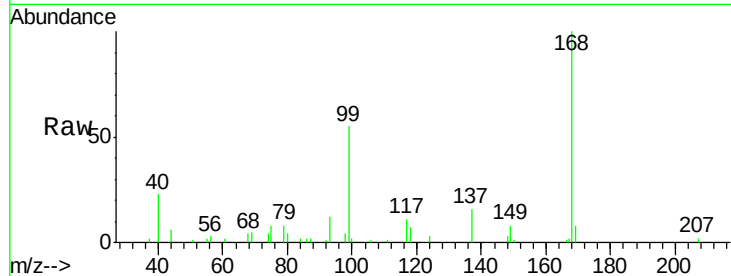
SOILRE

Tgt Ion:168 Resp: 36536

Ion Ratio Lower Upper

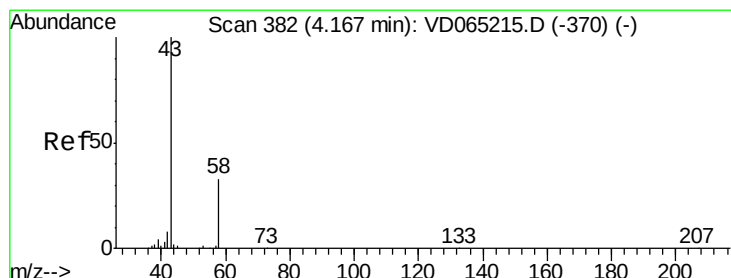
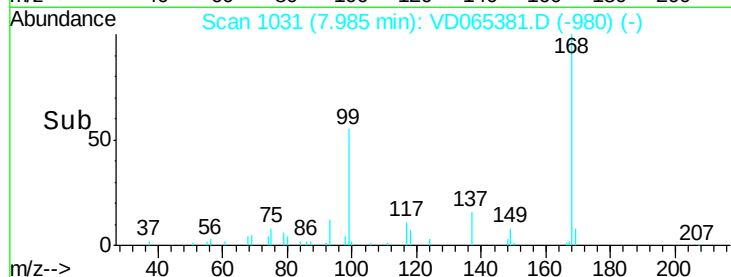
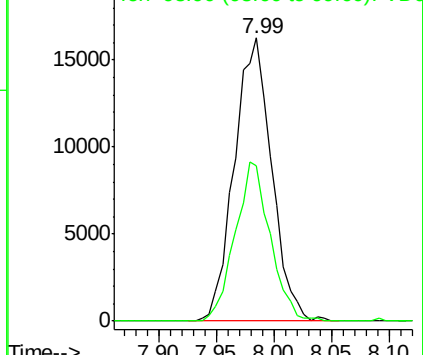
168 100

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: 76.91 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065381.D

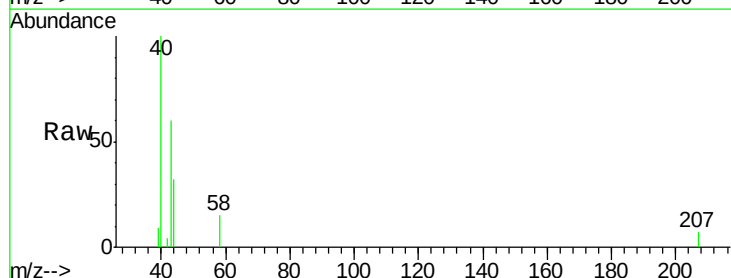
Acq: 02 Mar 2020 16:16

Tgt Ion: 43 Resp: 6179

Ion Ratio Lower Upper

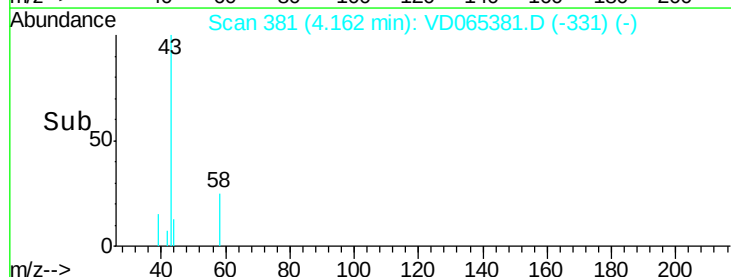
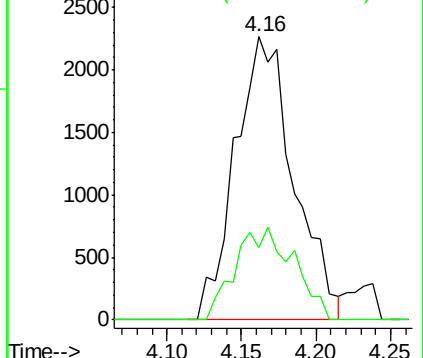
43 100

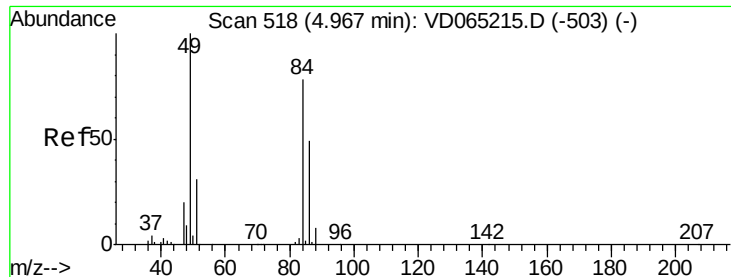
58 25.5 26.2 39.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

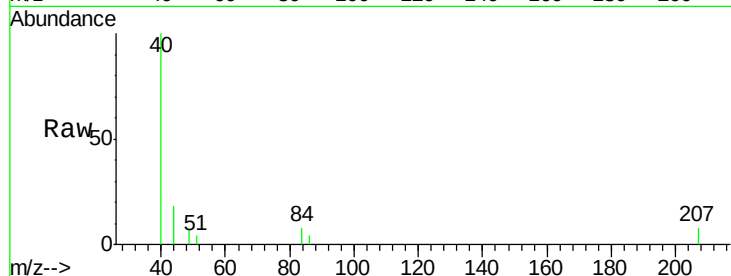




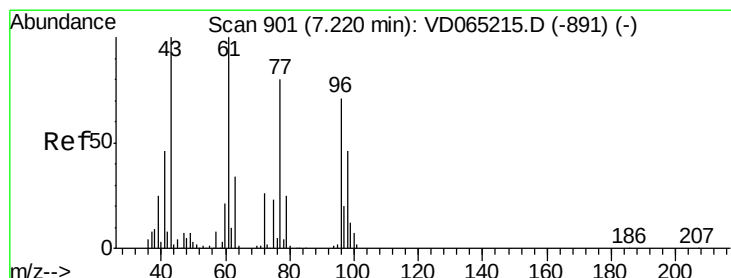
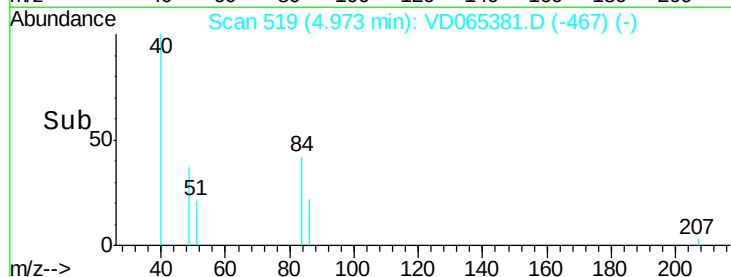
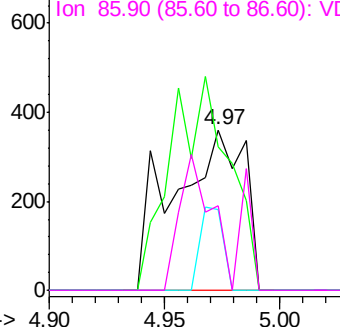
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD065381.D
Acq: 02 Mar 2020 16:16

Instrument :
MSVOA_D
ClientSampleId :
SOILRE

Tgt Ion: 84 Resp: 769
Ion Ratio Lower Upper
84 100
49 89.5 103.1 154.7#
51 50.1 31.7 47.5#
86 52.4 50.9 76.3

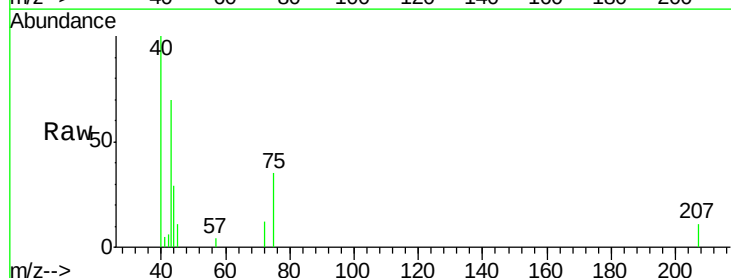


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

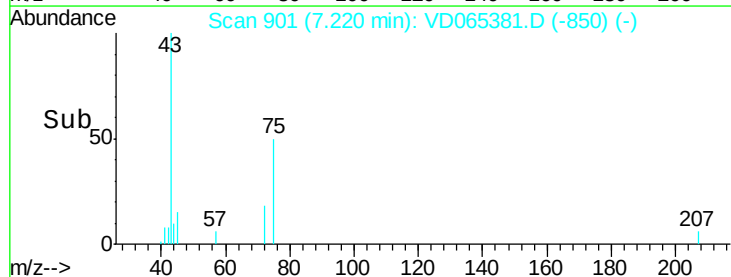
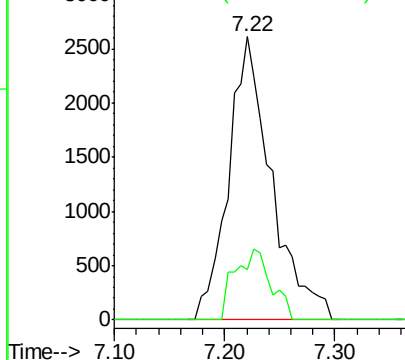


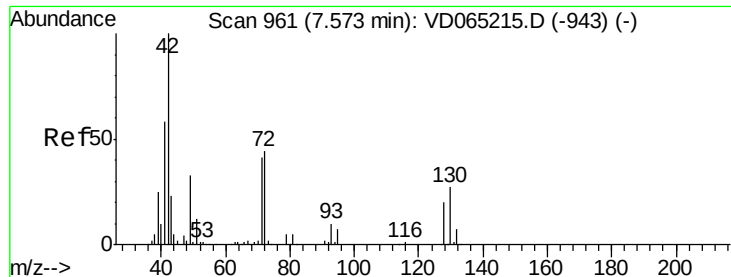
#25
2-Butanone
Concen: 69.79 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.00 min
Lab File: VD065381.D
Acq: 02 Mar 2020 16:16

Tgt Ion: 43 Resp: 7094
Ion Ratio Lower Upper
43 100
72 17.7 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC

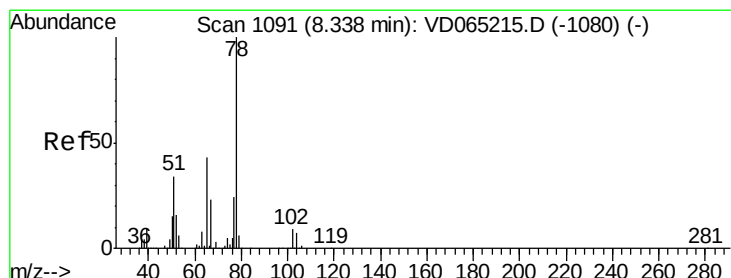
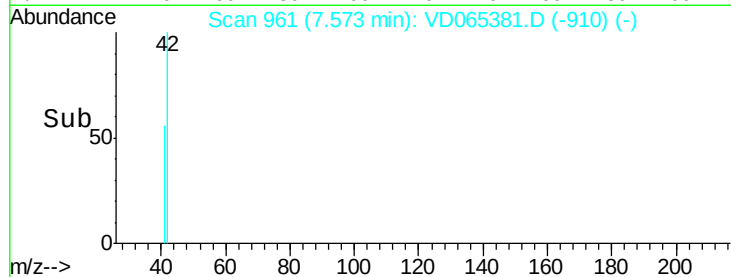
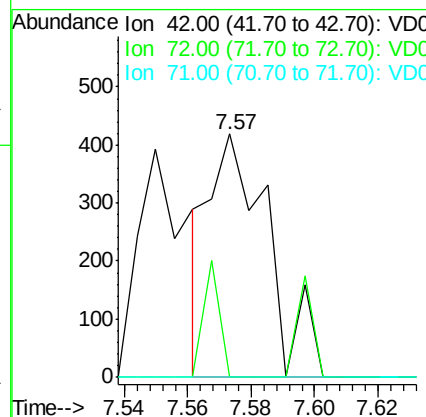
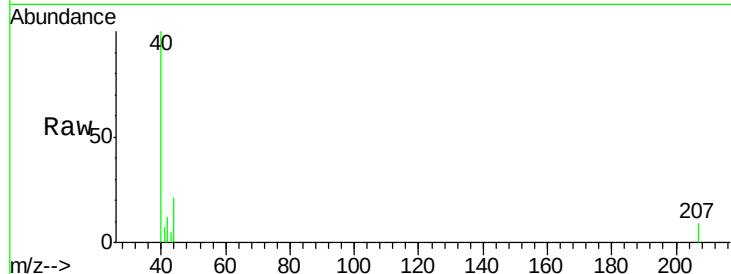




#29
Tetrahydrofuran
Concen: 8.90 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD065381.D
Acq: 02 Mar 2020 16:16

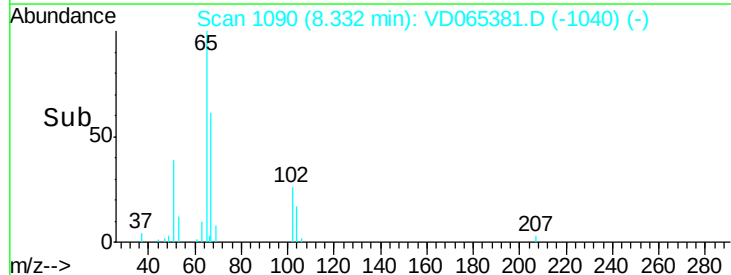
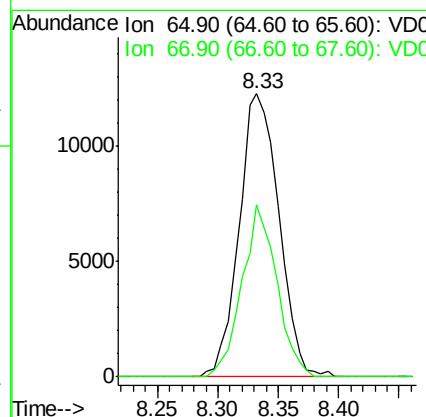
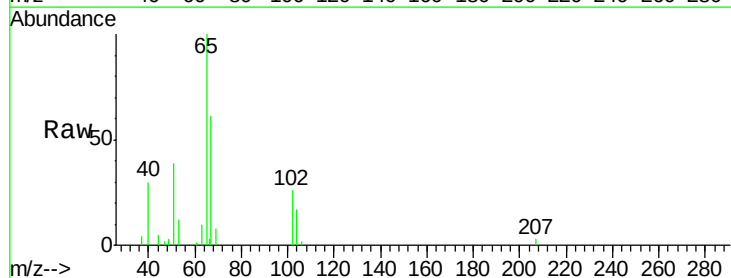
Instrument :
MSVOA_D
ClientSampleId :
SOILRE

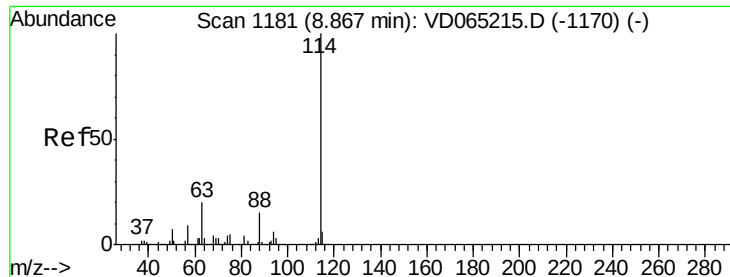
Tgt Ion: 42 Resp: 530
Ion Ratio Lower Upper
42 100
72 13.4 33.7 50.5#
71 0.0 31.4 47.2#



#33
1,2-Dichloroethane-d4
Concen: 85.59 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065381.D
Acq: 02 Mar 2020 16:16

Tgt Ion: 65 Resp: 28131
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065381.D

Acq: 02 Mar 2020 16:16

Instrument :

MSVOA_D

ClientSampleId :

SOILRE

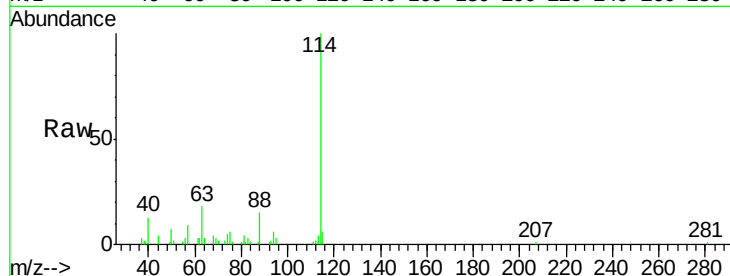
Tgt Ion:114 Resp: 55980

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.4

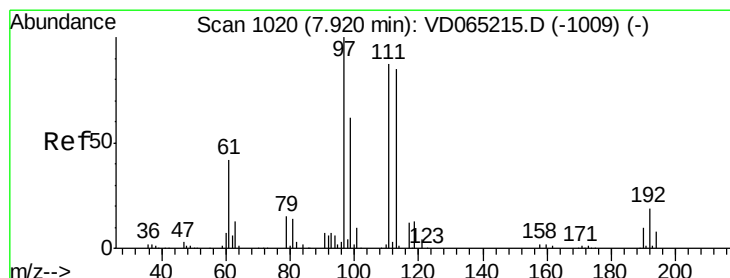
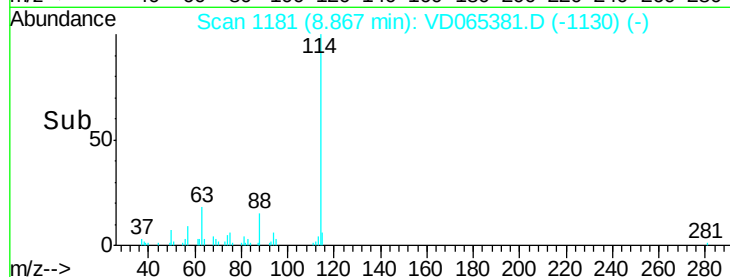
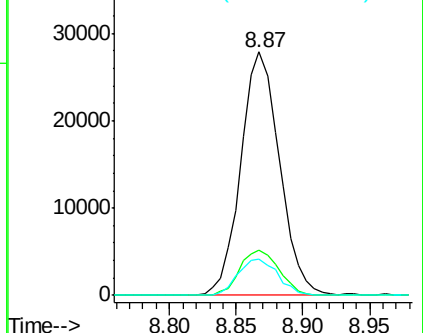
88 14.9 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 70.29 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065381.D

Acq: 02 Mar 2020 16:16

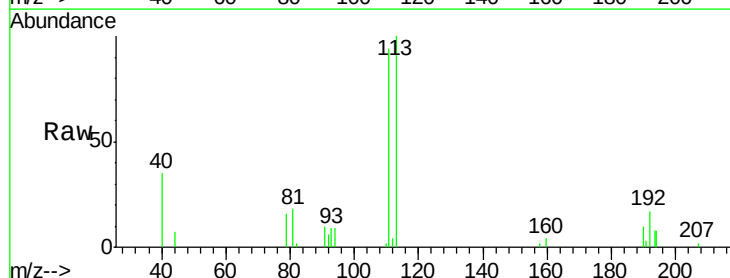
Tgt Ion:113 Resp: 23991

Ion Ratio Lower Upper

113 100

111 98.0 82.9 124.3

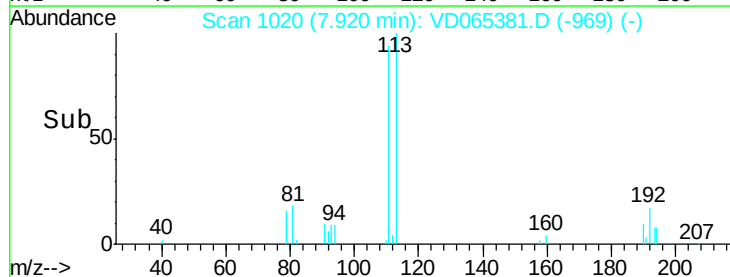
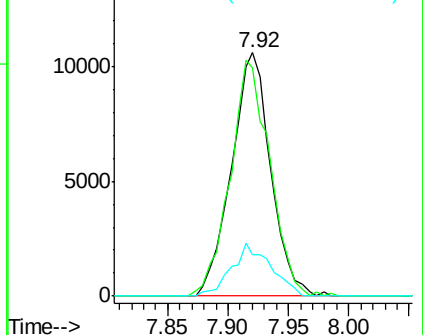
192 21.5 17.3 25.9

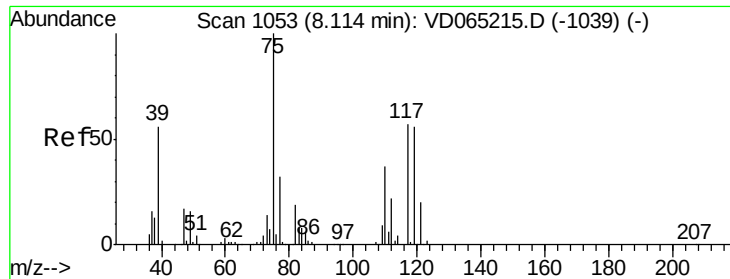


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

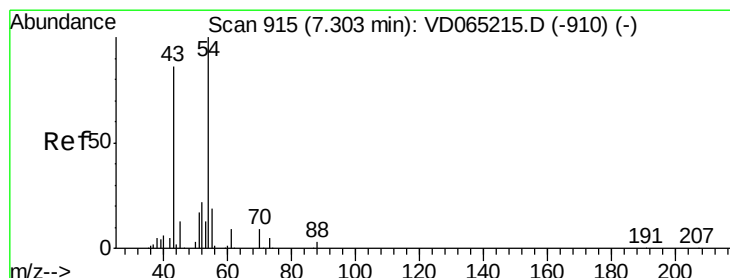
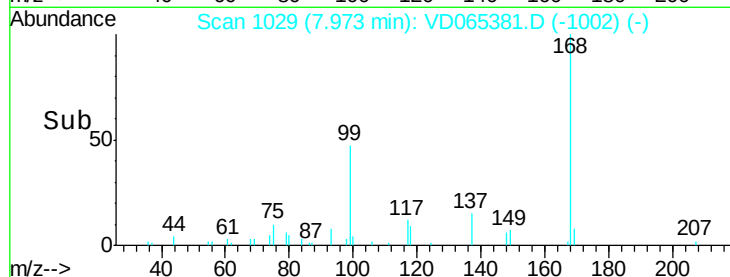
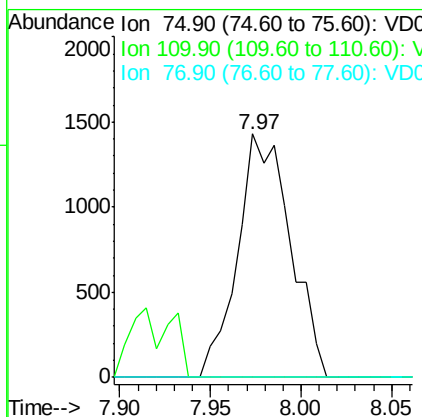
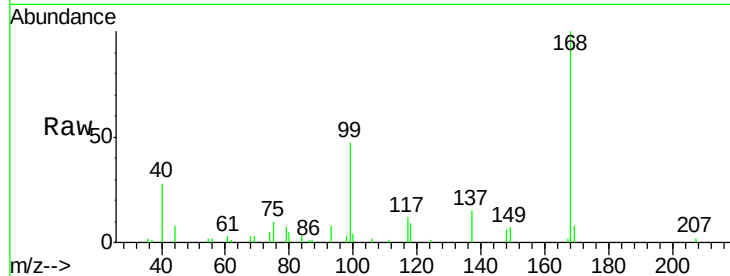




#36
 1,1-Dichloropropene
 Concen: 5.33 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD065381.D
 Acq: 02 Mar 2020 16:16

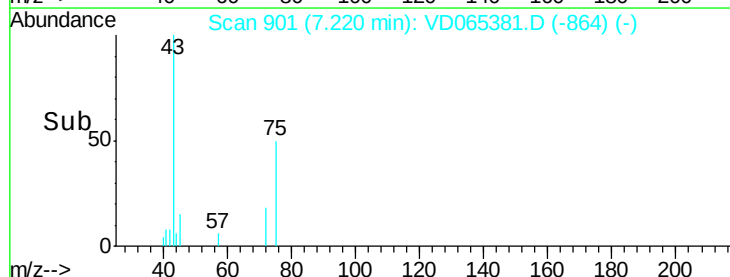
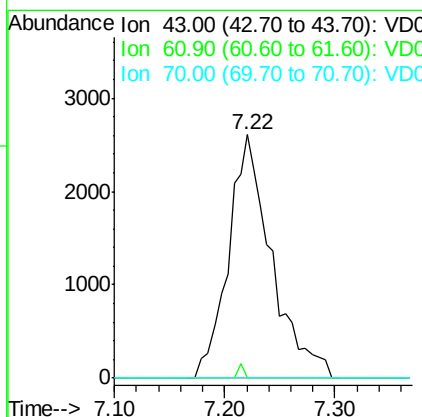
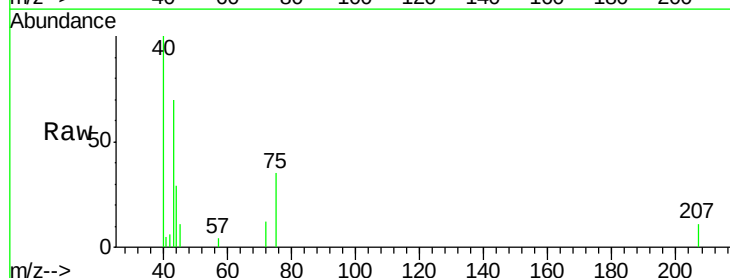
Instrument :
 MSVOA_D
 ClientSampleId :
 SOILRE

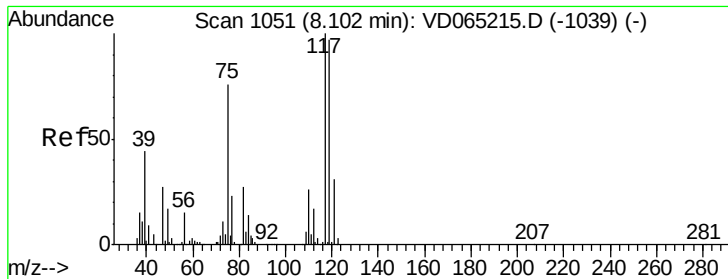
Tgt Ion: 75 Resp: 2903
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.9 53.7#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 31.15 ug/l
 RT: 7.22 min Scan# 901
 Delta R.T. -0.08 min
 Lab File: VD065381.D
 Acq: 02 Mar 2020 16:16

Tgt Ion: 43 Resp: 7094
 Ion Ratio Lower Upper
 43 100
 61 0.8 11.2 16.8#
 70 0.0 8.2 12.2#





#38

Carbon Tetrachloride

Concen: 6.71 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD065381.D

Acq: 02 Mar 2020 16:16

Instrument :

MSVOA_D

ClientSampleId :

SOILRE

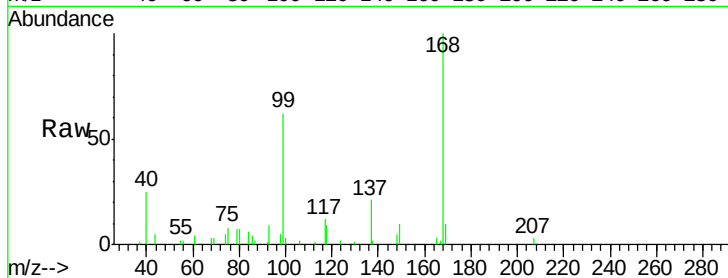
Tgt Ion:117 Resp: 3721

Ion Ratio Lower Upper

117 100

119 0.0 77.6 116.4#

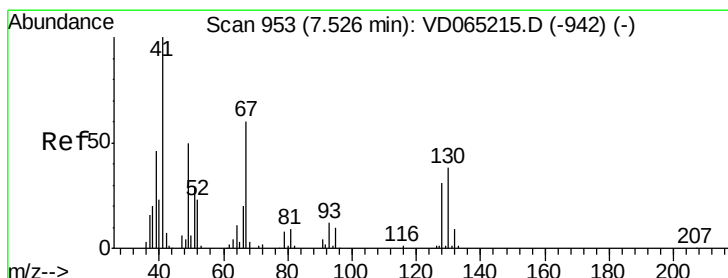
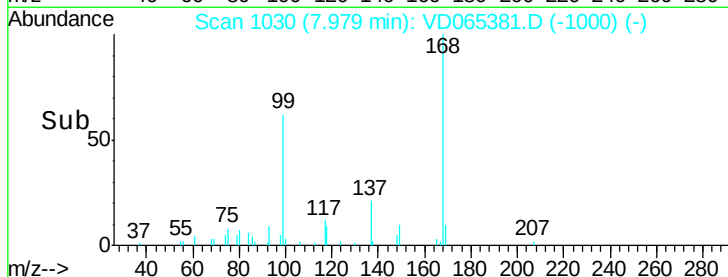
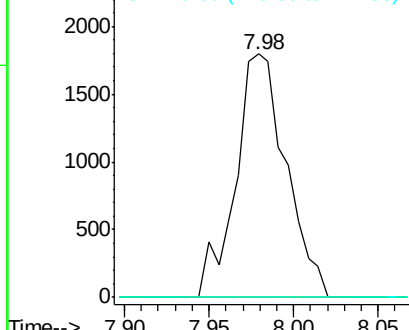
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 3.13 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.03 min

Lab File: VD065381.D

Acq: 02 Mar 2020 16:16

Tgt Ion: 41 Resp: 411

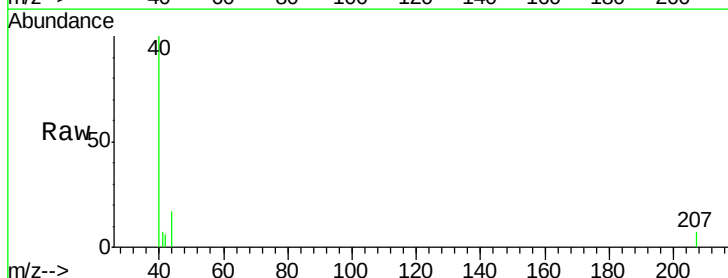
Ion Ratio Lower Upper

41 100

39 0.0 48.1 72.1#

67 0.0 58.9 88.3#

52 0.0 24.2 36.2#

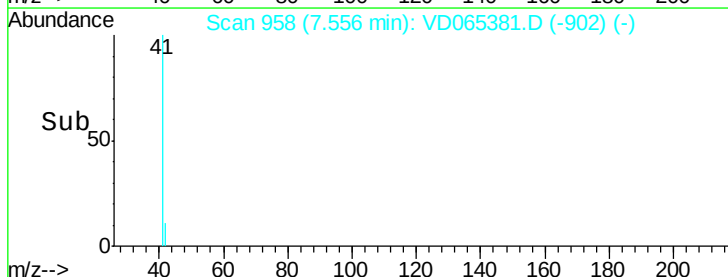
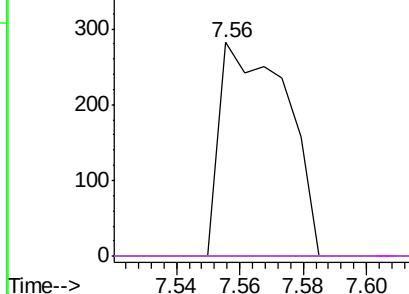


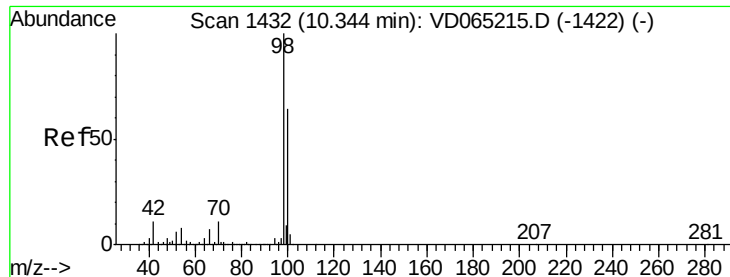
Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

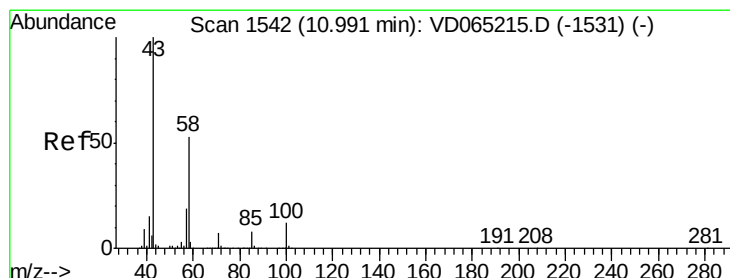
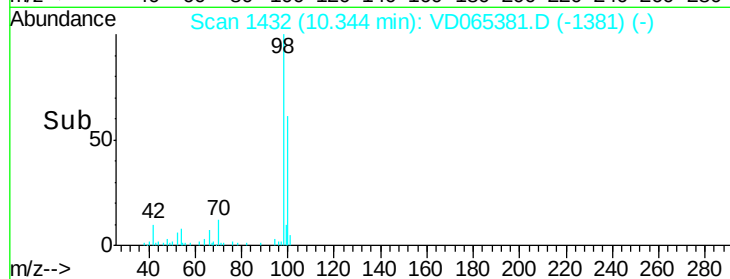
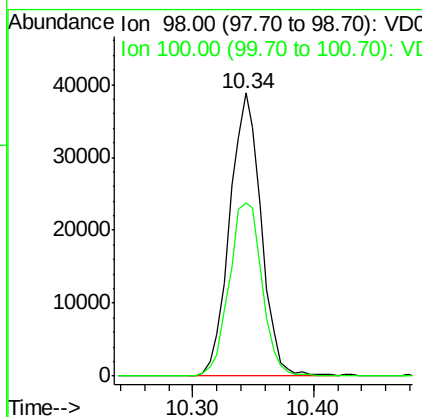
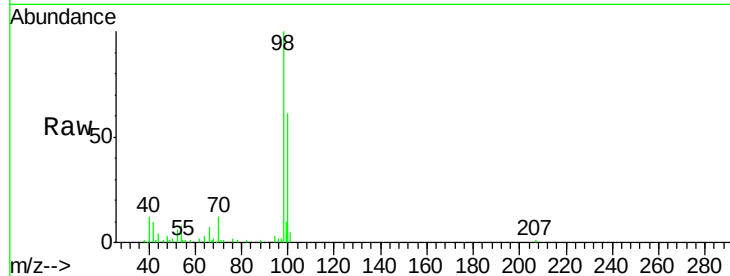




#50
Toluene-d8
Concen: 53.75 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065381.D
Acq: 02 Mar 2020 16:16

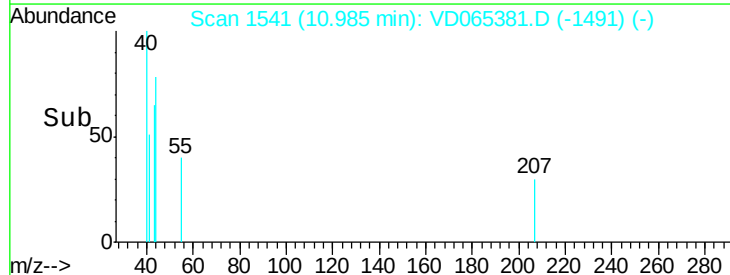
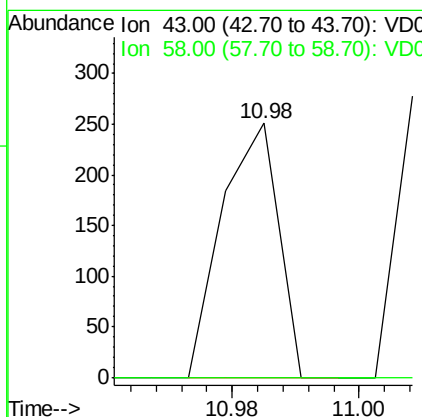
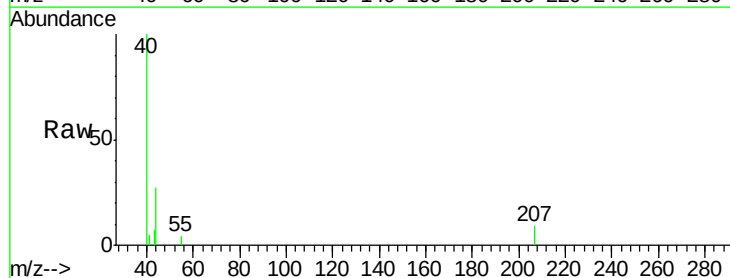
Instrument :
MSVOA_D
ClientSampleId :
SOILRE

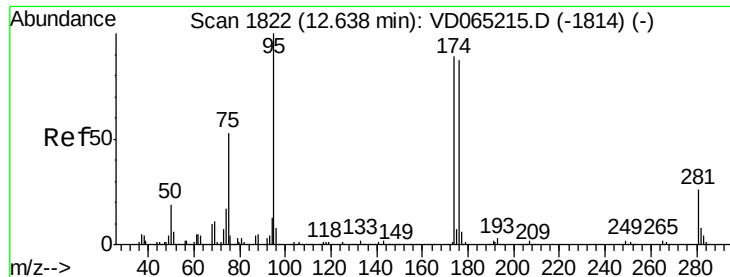
Tgt Ion: 98 Resp: 70142
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#59
2-Hexanone
Concen: 1.02 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD065381.D
Acq: 02 Mar 2020 16:16

Tgt Ion: 43 Resp: 153
Ion Ratio Lower Upper
43 100
58 0.0 26.3 78.8#

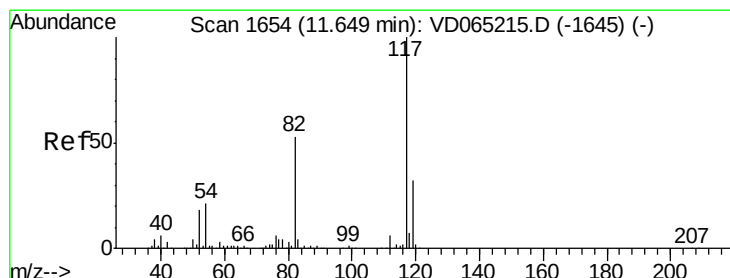
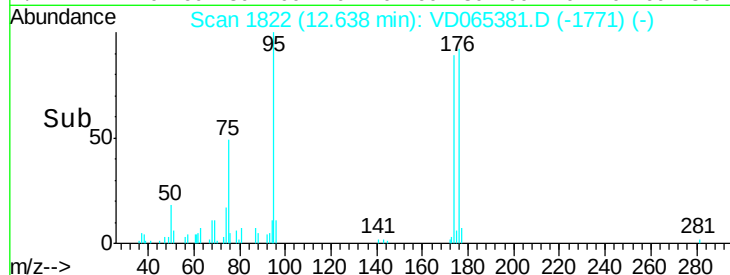
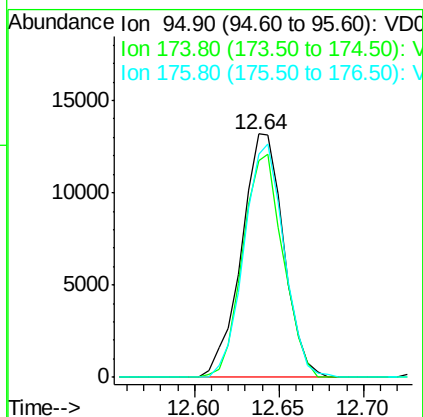
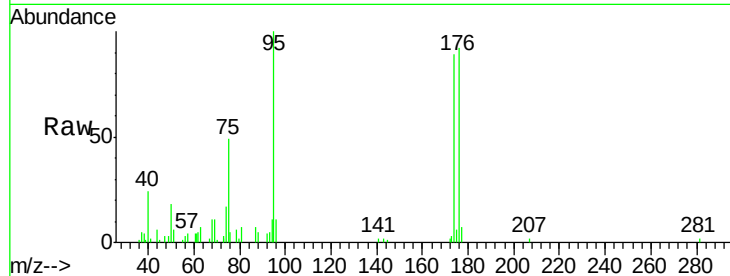




#62
4-Bromofluorobenzene
Concen: 55.46 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065381.D
Acq: 02 Mar 2020 16:16

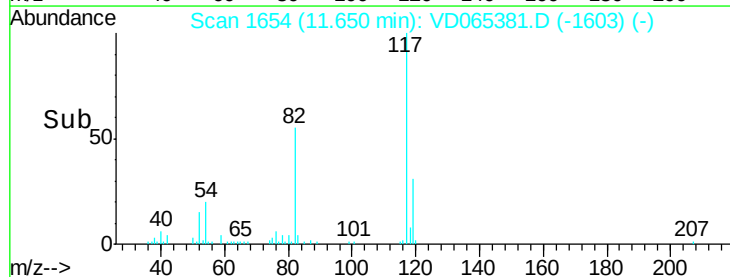
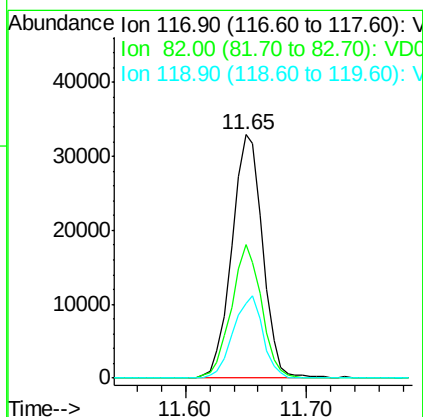
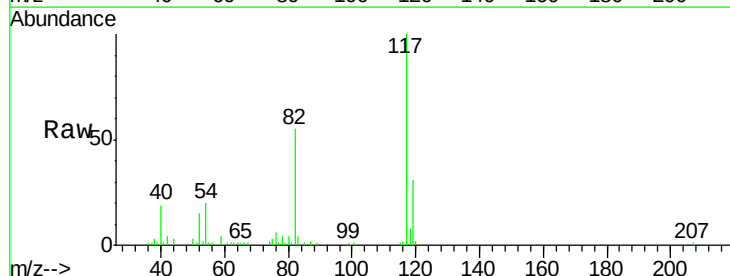
Instrument :
MSVOA_D
ClientSampleId :
SOILRE

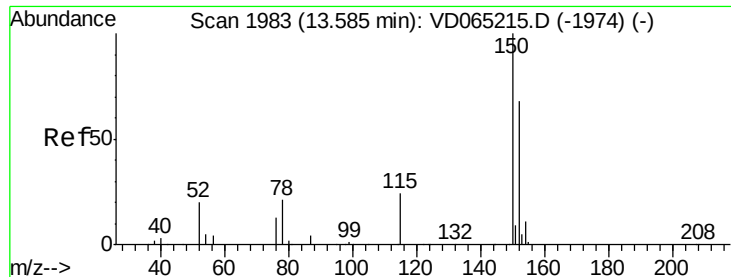
Tgt Ion: 95 Resp: 22927
Ion Ratio Lower Upper
95 100
174 87.3 0.0 178.0
176 90.9 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 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: 50.00 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

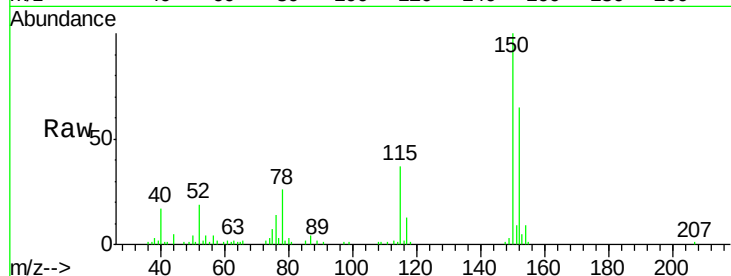
Tgt Ion:152 Resp: 26536

Ion Ratio Lower Upper

152 100

115 58.1 27.6 82.8

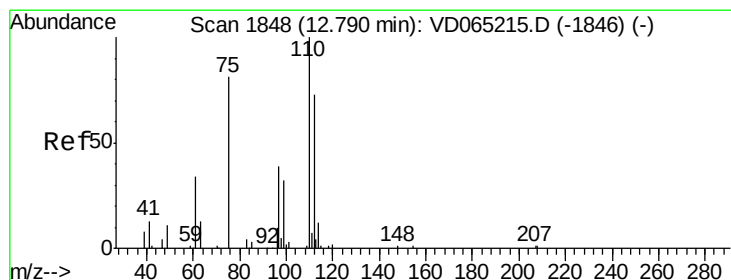
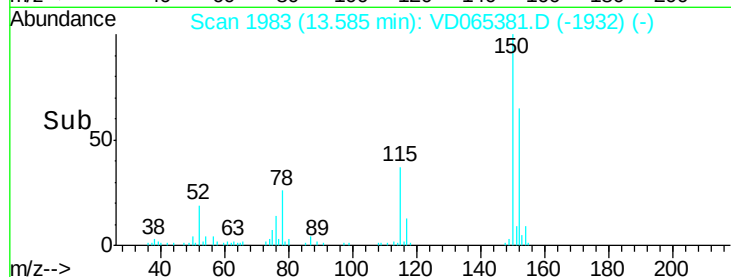
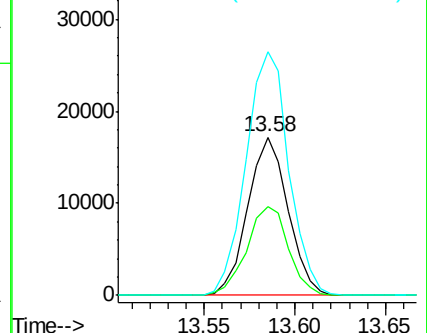
150 163.8 0.0 347.4



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



#76

1,2,3-Trichloropropane

Concen: 50.31 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065381.D

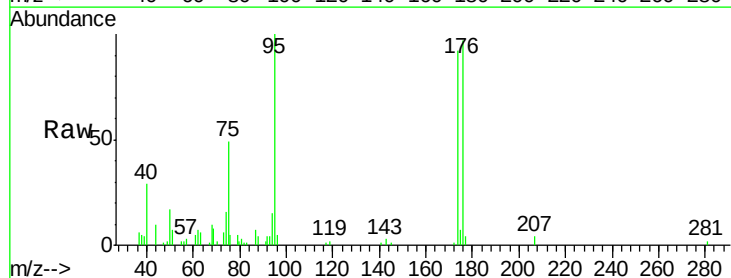
Acq: 02 Mar 2020 16:16

Tgt Ion: 75 Resp: 11358

Ion Ratio Lower Upper

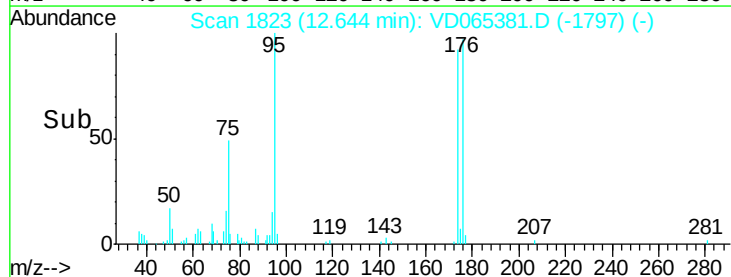
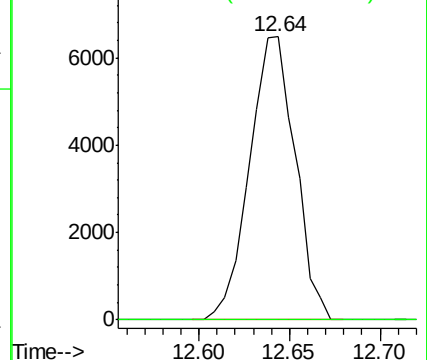
75 100

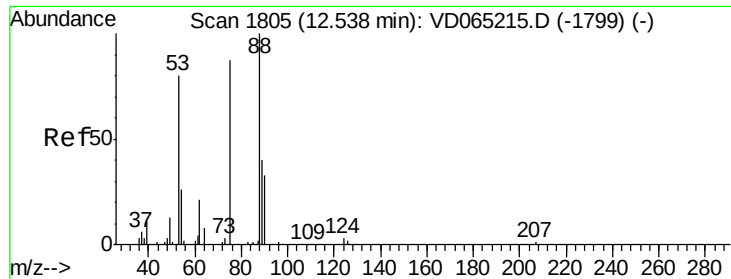
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.62 ug/l
 RT: 12.64 min Scan# 1823
 Delta R.T. 0.11 min
 Lab File: VD065381.D
 Acq: 02 Mar 2020 16:16

Instrument :
 MSVOA_D
 ClientSampleId :
 SOILRE

Tgt Ion: 75 Resp: 11358
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.2 55.8#

