

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071823.D
 Acq On : 28 Jan 2022 14:50
 Operator : VA/SY
 Sample : N1298-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SPAT-SOIL-CUT

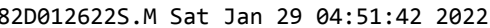
Quant Time: Jan 29 04:51:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

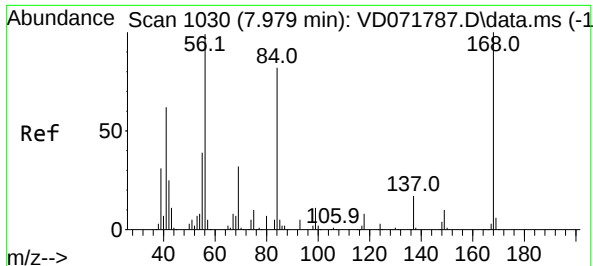
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	433140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	822526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	754307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	330143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	292523	53.432	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.860%	
35) Dibromofluoromethane	7.914	113	271522	50.220	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.440%	
50) Toluene-d8	10.338	98	1042304	51.619	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.240%	
62) 4-Bromofluorobenzene	12.626	95	331537	47.017	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.208	59	164	Below Cal	#	74
16) Acetone	4.156	43	3246	2.166	ug/l #	82
20) Methylene Chloride	4.961	84	4593	Below Cal	#	72
31) Cyclohexane	7.973	56	12754	1.220	ug/l #	24
36) 1,1-Dichloropropene	7.979	75	39105	4.214	ug/l #	52
38) Carbon Tetrachloride	7.979	117	46710	5.090	ug/l #	20
49) 1,4-Dioxane	9.479	88	60	1.554	ug/l #	64
71) Bromoform	12.620	173	3492	1.127	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	182045	52.322	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	182045	128.649	ug/l #	7
95) Naphthalene	15.384	128	1131	1.550	ug/l #	70

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

Quant Time: Jan 29 04:51:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

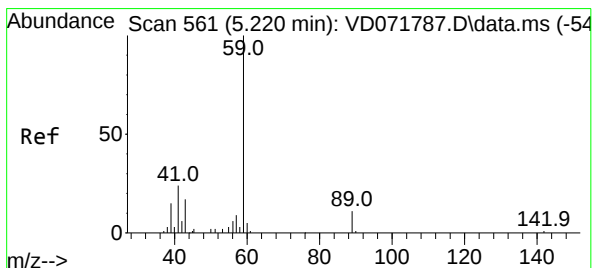
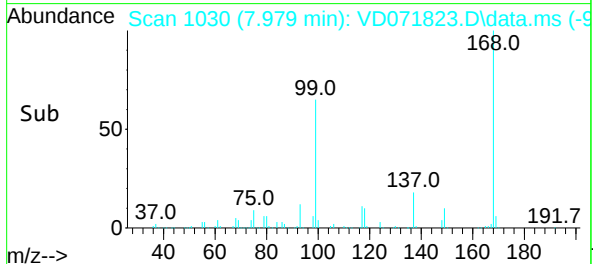
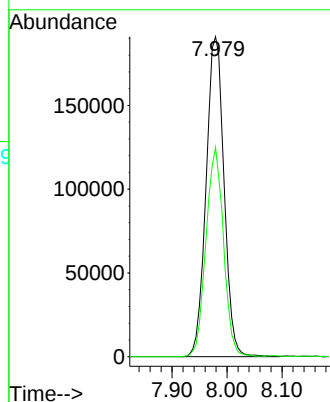
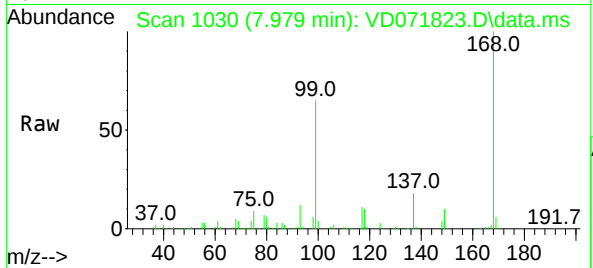




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071823.D
Acq: 28 Jan 2022 14:50

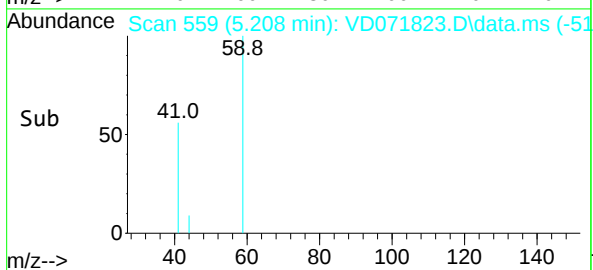
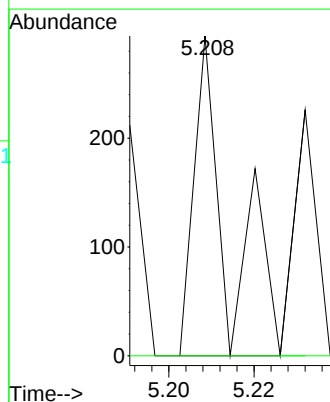
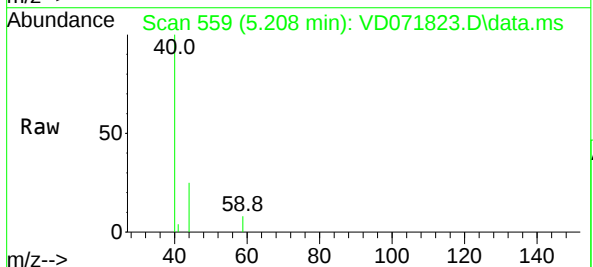
Instrument :
MSVOA_D
ClientSampleId :
SPAT-SOIL-CUT

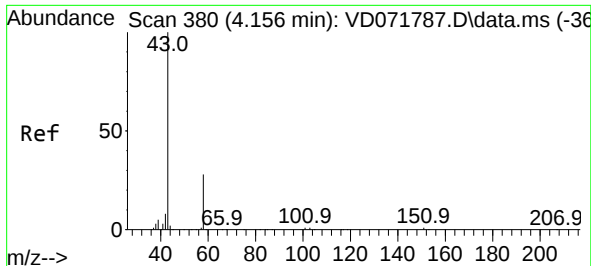
Tgt Ion:168 Resp: 433140
Ion Ratio Lower Upper
168 100
99 65.5 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.208 min Scan# 559
Delta R.T. -0.012 min
Lab File: VD071823.D
Acq: 28 Jan 2022 14:50

Tgt Ion: 59 Resp: 164
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

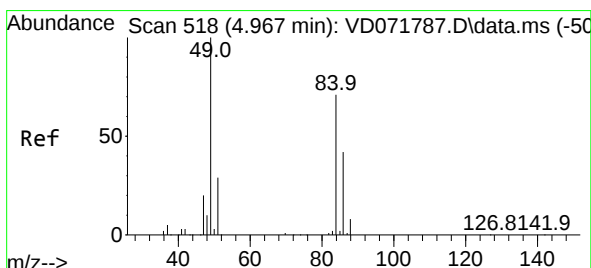
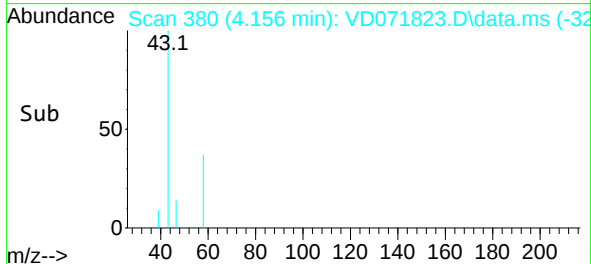
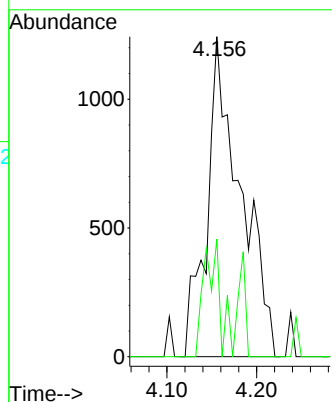
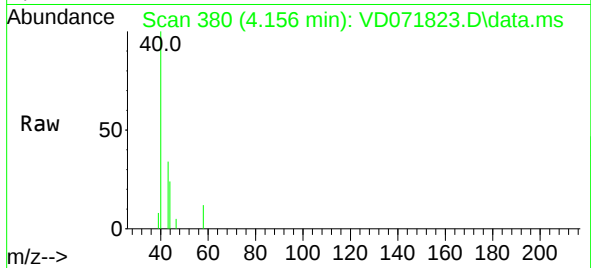




#16
Acetone
Concen: 2.166 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD071823.D
Acq: 28 Jan 2022 14:50

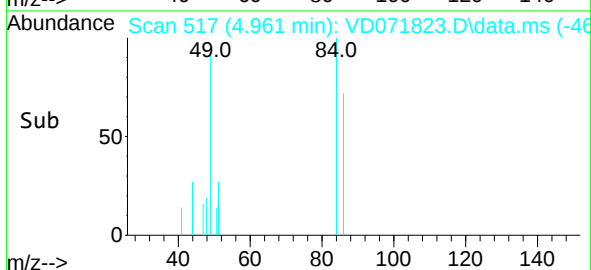
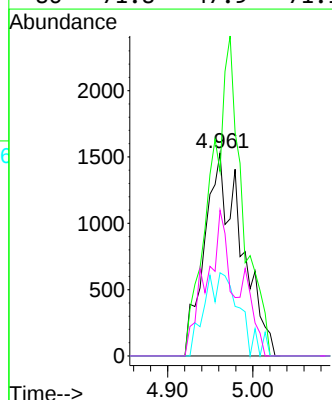
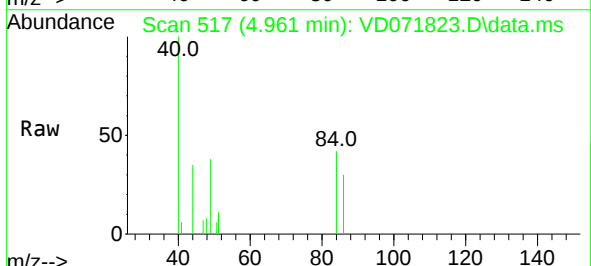
Instrument :
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ClientSampleId :
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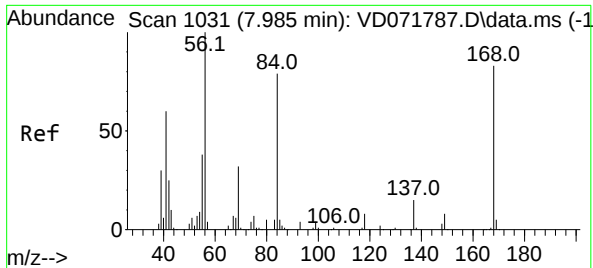
Tgt Ion: 43 Resp: 3246
Ion Ratio Lower Upper
43 100
58 36.8 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071823.D
Acq: 28 Jan 2022 14:50

Tgt Ion: 84 Resp: 4593
Ion Ratio Lower Upper
84 100
49 91.0 112.8 169.2#
51 41.0 32.6 48.8
86 71.8 47.9 71.9





#31

Cyclohexane

Concen: 1.220 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD071823.D

Acq: 28 Jan 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

SPAT-SOIL-CUT

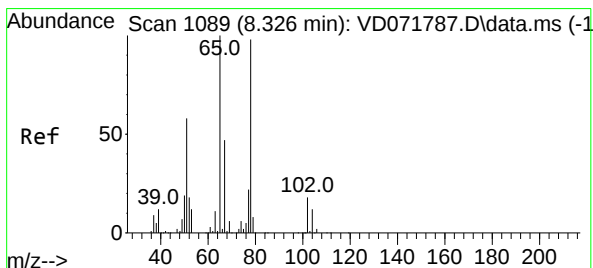
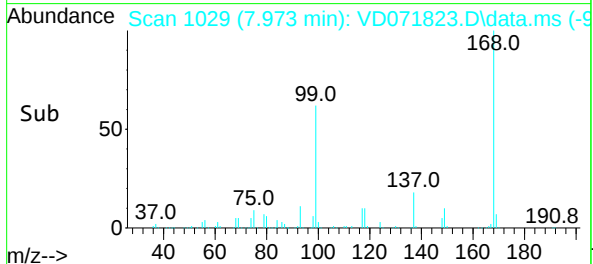
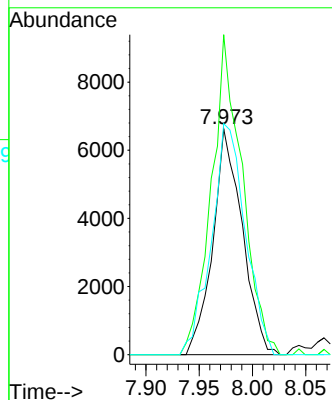
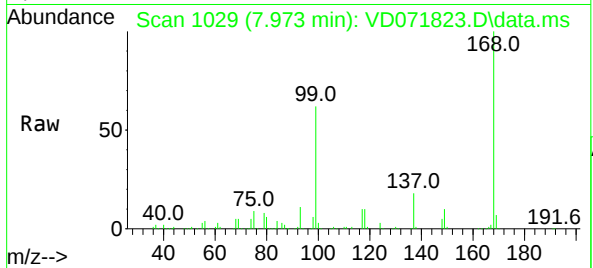
Tgt Ion: 56 Resp: 12754

Ion Ratio Lower Upper

56 100

69 141.7 25.4 38.2#

84 102.3 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 53.432 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071823.D

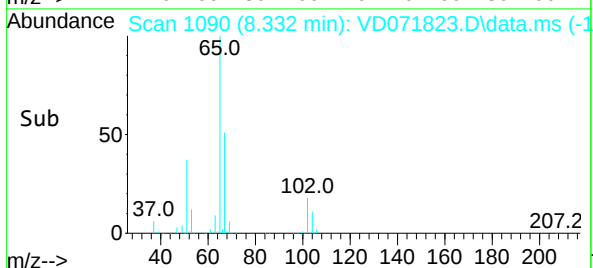
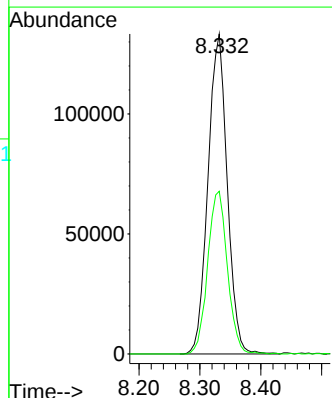
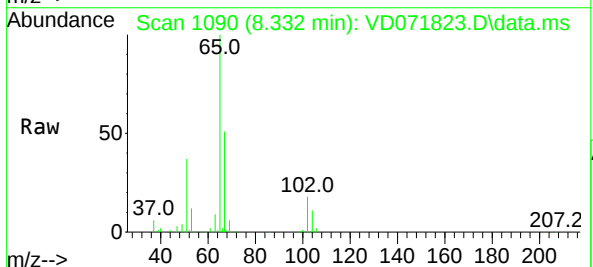
Acq: 28 Jan 2022 14:50

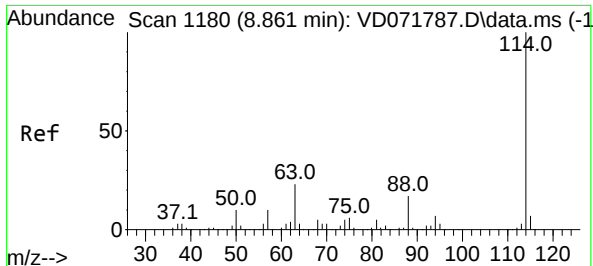
Tgt Ion: 65 Resp: 292523

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071823.D

Acq: 28 Jan 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

SPAT-SOIL-CUT

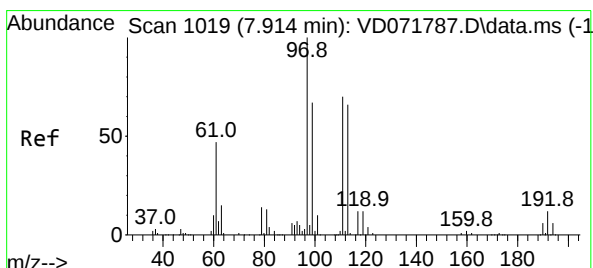
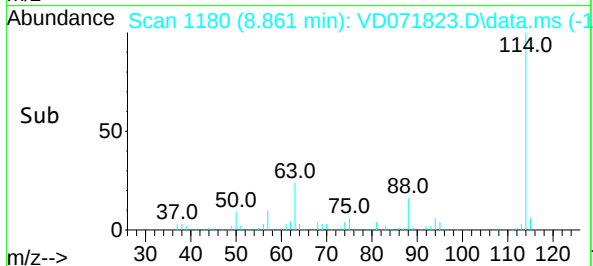
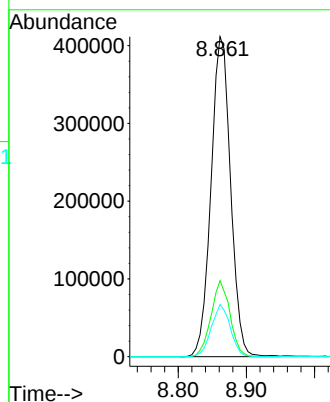
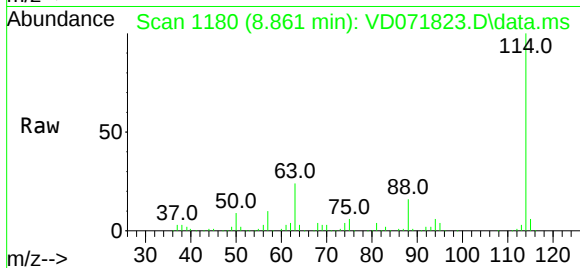
Tgt Ion:114 Resp: 822526

Ion Ratio Lower Upper

114 100

63 23.8 0.0 46.6

88 16.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.220 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071823.D

Acq: 28 Jan 2022 14:50

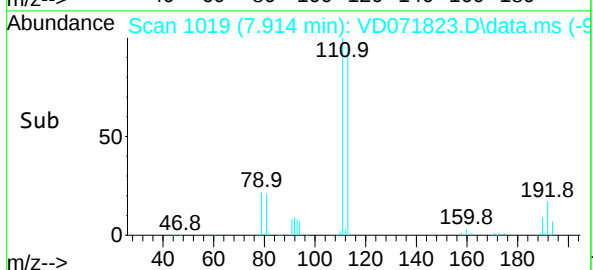
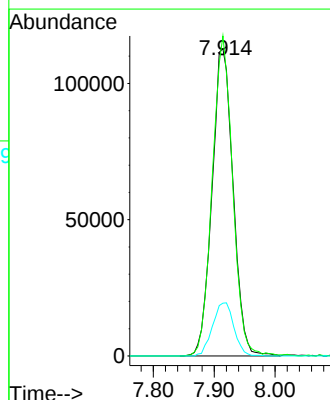
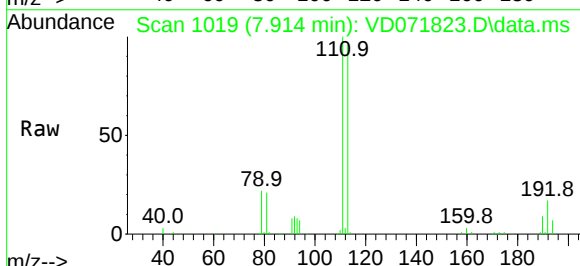
Tgt Ion:113 Resp: 271522

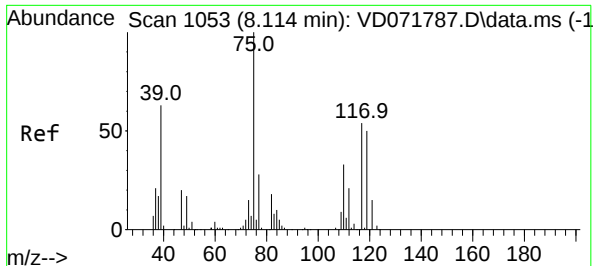
Ion Ratio Lower Upper

113 100

111 100.5 83.8 125.6

192 17.5 14.6 21.8

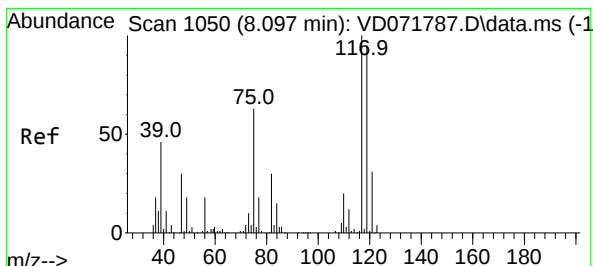
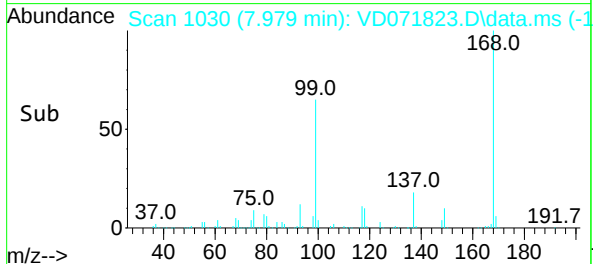
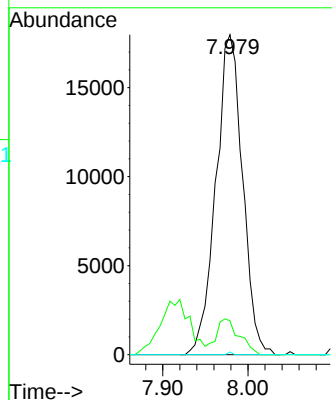
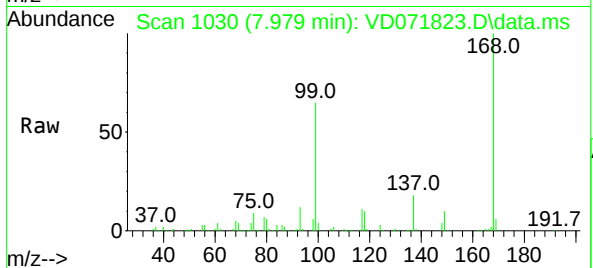




#36
1,1-Dichloropropene
Concen: 4.214 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD071823.D
Acq: 28 Jan 2022 14:50

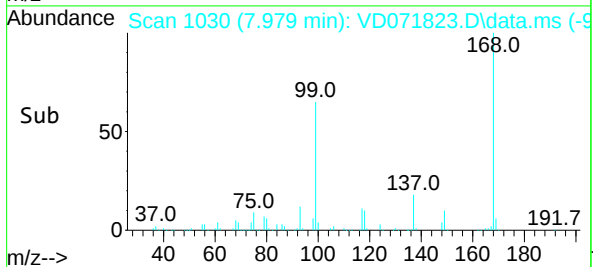
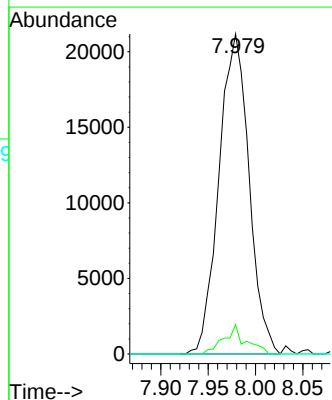
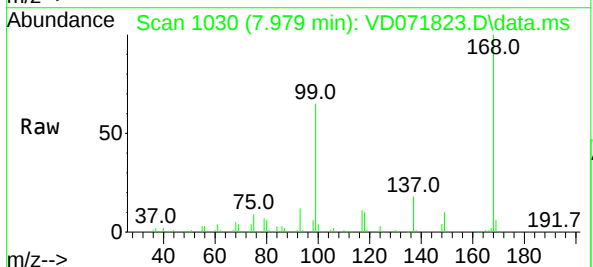
Instrument :
MSVOA_D
ClientSampleId :
SPAT-SOIL-CUT

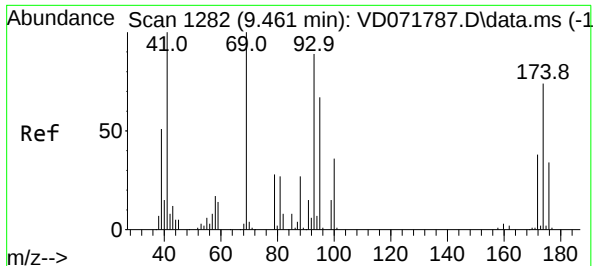
Tgt Ion: 75 Resp: 39105
Ion Ratio Lower Upper
75 100
110 9.8 16.4 49.1#
77 0.1 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.090 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071823.D
Acq: 28 Jan 2022 14:50

Tgt Ion: 117 Resp: 46710
Ion Ratio Lower Upper
117 100
119 9.2 75.8 113.6#
121 0.0 24.5 36.7#





#49

1,4-Dioxane

Concen: 1.554 ug/l

RT: 9.479 min Scan# 1285

Delta R.T. 0.018 min

Lab File: VD071823.D

Acq: 28 Jan 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

SPAT-SOIL-CUT

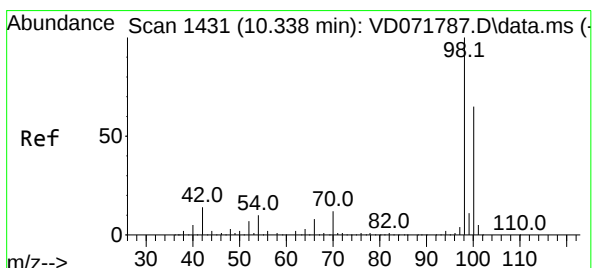
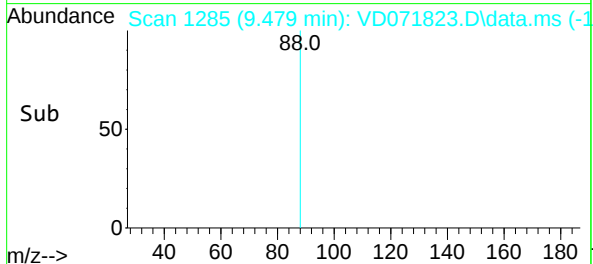
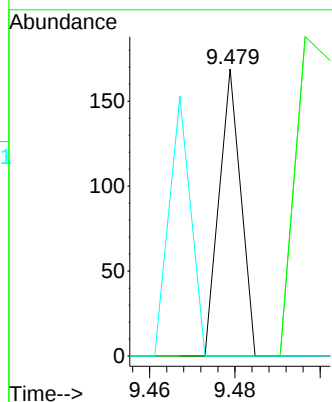
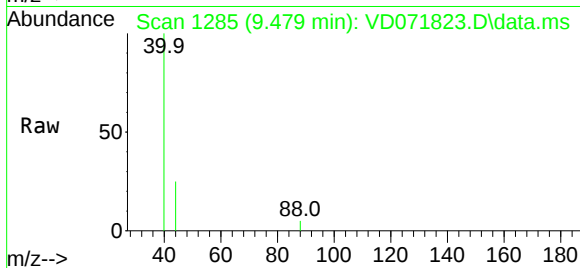
Tgt Ion: 88 Resp: 60

Ion Ratio Lower Upper

88 100

43 0.0 31.0 46.4#

58 90.0 58.1 87.1#



#50

Toluene-d8

Concen: 51.619 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD071823.D

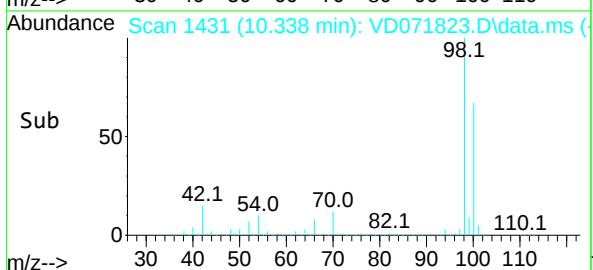
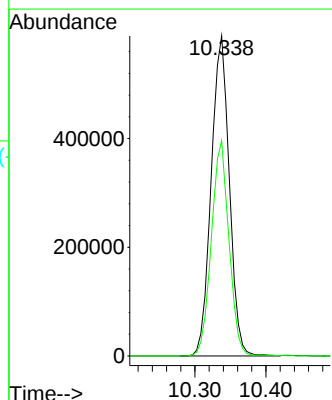
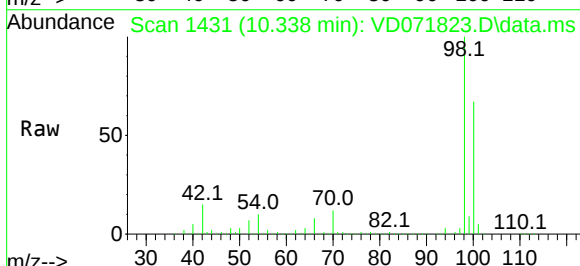
Acq: 28 Jan 2022 14:50

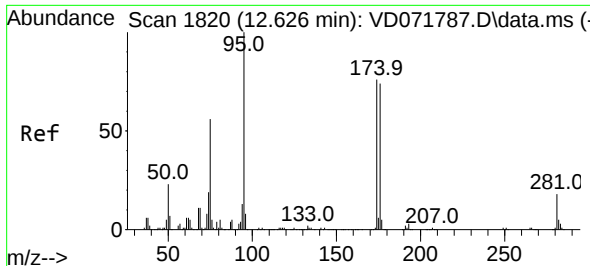
Tgt Ion: 98 Resp: 1042304

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6

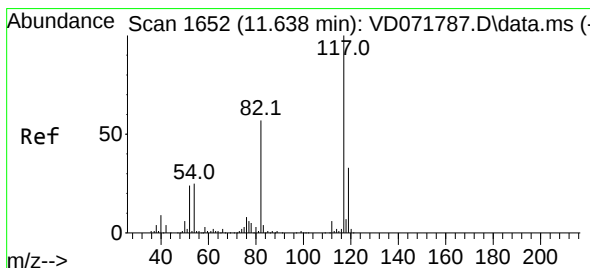
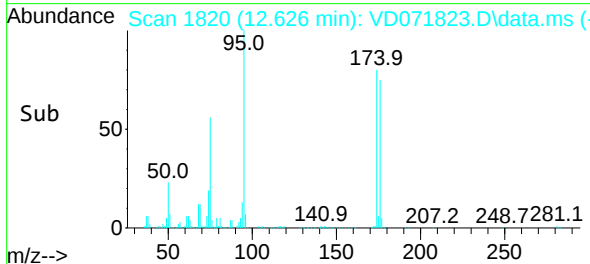
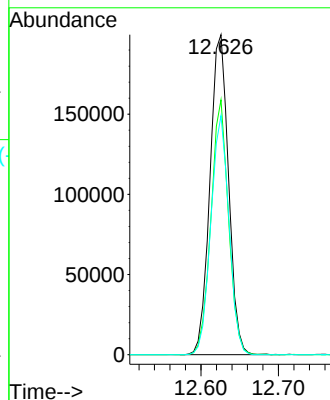
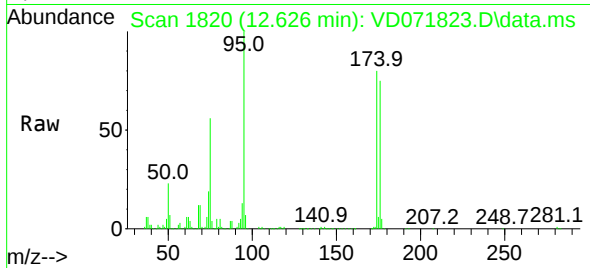




#62
4-Bromofluorobenzene
Concen: 47.017 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071823.D
Acq: 28 Jan 2022 14:50

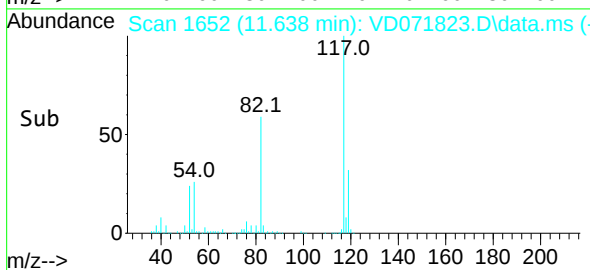
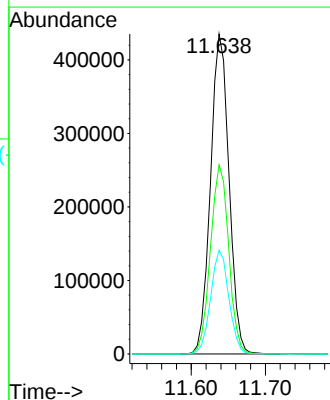
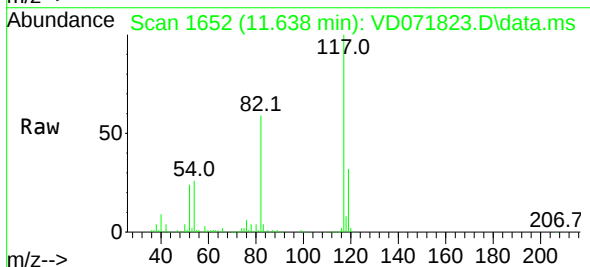
Instrument :
MSVOA_D
ClientSampleId :
SPAT-SOIL-CUT

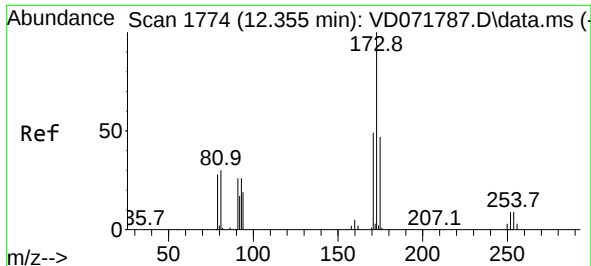
Tgt Ion: 95 Resp: 331537
Ion Ratio Lower Upper
95 100
174 75.4 0.0 152.8
176 72.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071823.D
Acq: 28 Jan 2022 14:50

Tgt Ion: 117 Resp: 754307
Ion Ratio Lower Upper
117 100
82 59.1 45.3 67.9
119 32.4 26.6 40.0

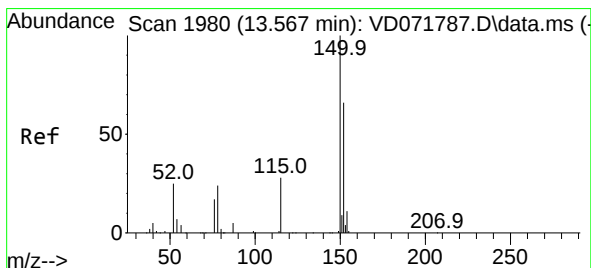
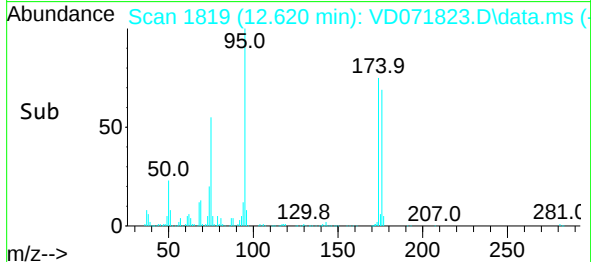
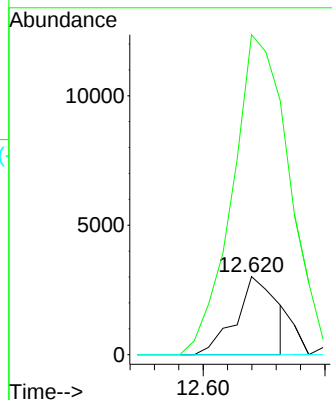
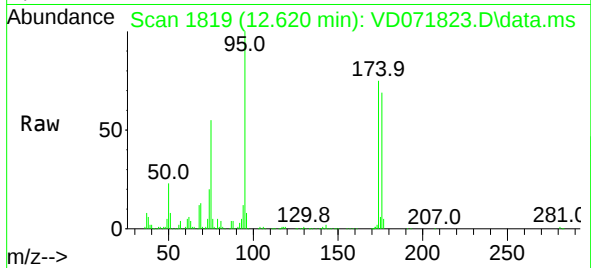




#71
Bromoform
Concen: 1.127 ug/l
RT: 12.620 min Scan# 1181
Delta R.T. 0.265 min
Lab File: VD071823.D
Acq: 28 Jan 2022 14:50

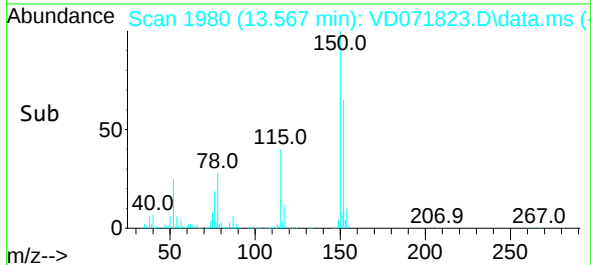
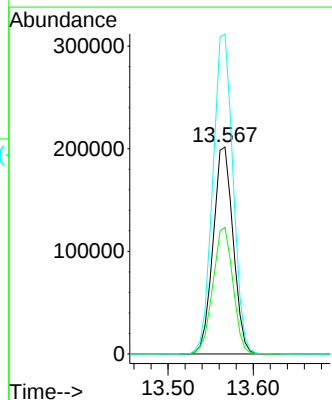
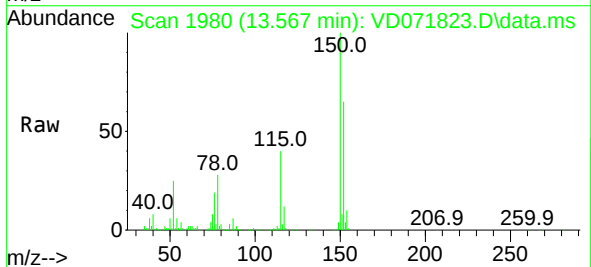
Instrument :
MSVOA_D
ClientSampleId :
SPAT-SOIL-CUT

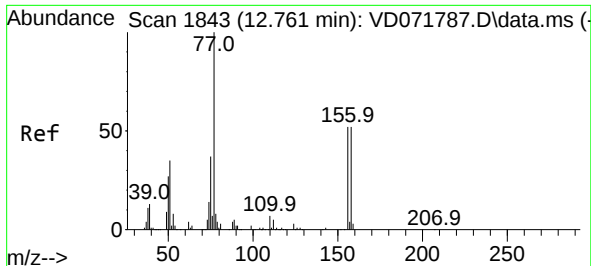
Tgt Ion:173 Resp: 3492
Ion Ratio Lower Upper
173 100
175 483.2 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071823.D
Acq: 28 Jan 2022 14:50

Tgt Ion:152 Resp: 330143
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 156.0 0.0 348.6

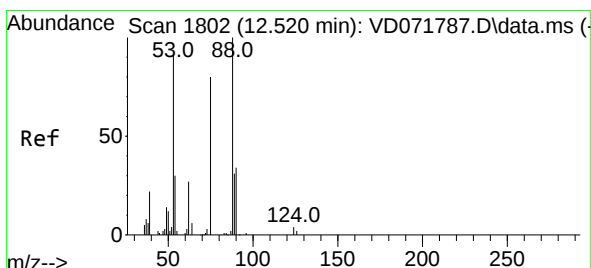
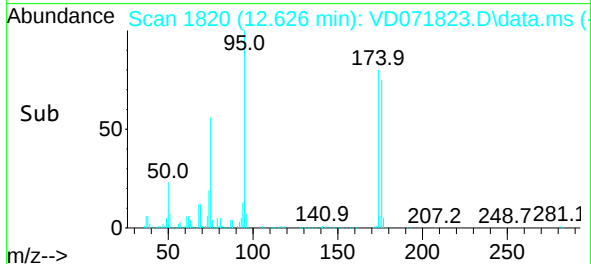
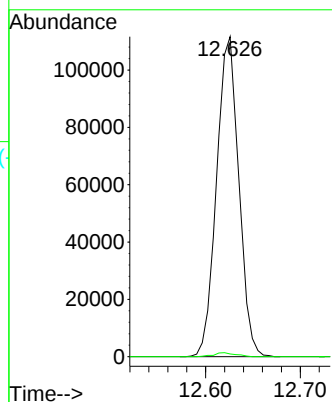
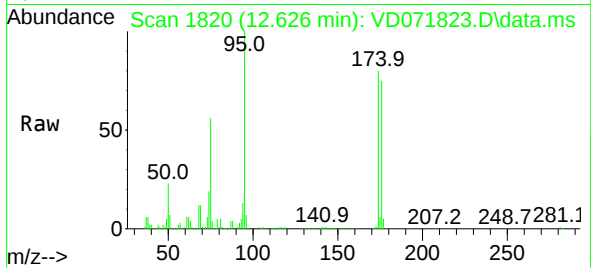




#76
1,2,3-Trichloropropane
Concen: 52.322 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071823.D
Acq: 28 Jan 2022 14:50

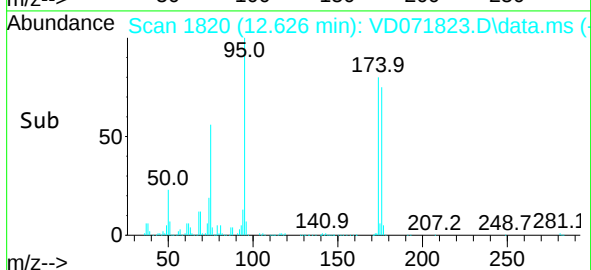
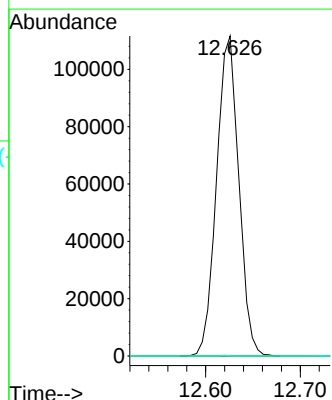
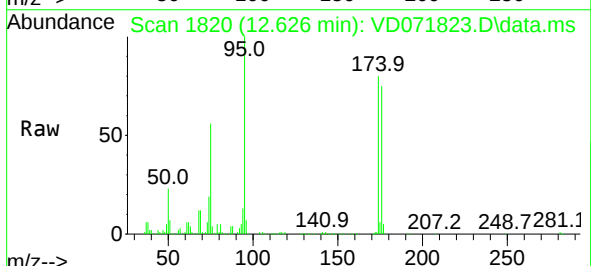
Instrument :
MSVOA_D
ClientSampleId :
SPAT-SOIL-CUT

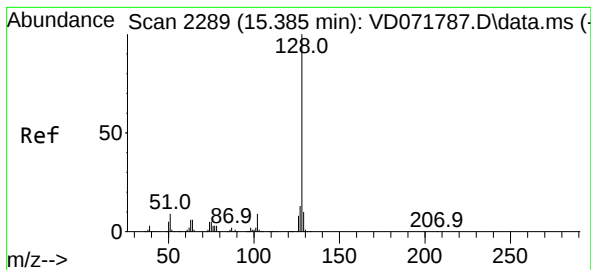
Tgt Ion: 75 Resp: 182045
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.649 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071823.D
Acq: 28 Jan 2022 14:50

Tgt Ion: 75 Resp: 182045
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95
 Naphthalene
 Concen: 1.550 ug/l
 RT: 15.384 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD071823.D
 Acq: 28 Jan 2022 14:50

Instrument :
 MSVOA_D
 ClientSampleId :
 SPAT-SOIL-CUT

Tgt Ion:128 Resp: 1131
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.4 12.6#

