

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071829.D
 Acq On : 28 Jan 2022 17:39
 Operator : VA/SY
 Sample : N1310-01RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILERE

Quant Time: Jan 29 04:52:34 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)

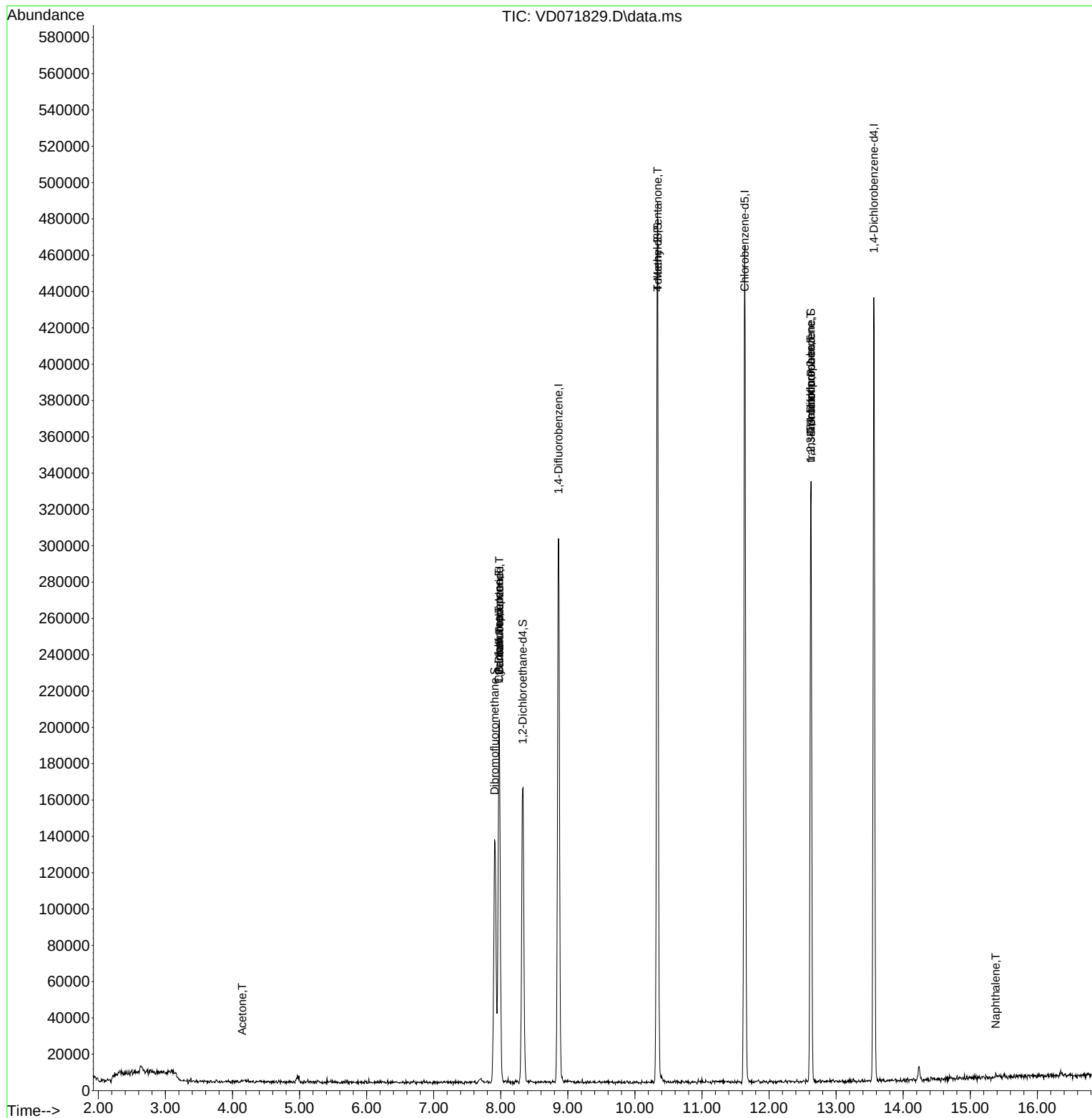
Internal Standards						
1) Pentafluorobenzene	7.979	168	134165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	242585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	247417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	108605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	135331	79.805	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 159.600%	
35) Dibromofluoromethane	7.908	113	98560	61.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.620%	
50) Toluene-d8	10.338	98	314183	52.758	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.520%	
62) 4-Bromofluorobenzene	12.626	95	106308	51.118	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.467	59	101	Below Cal	#	74
16) Acetone	4.144	43	758	1.633	ug/l #	47
20) Methylene Chloride	4.973	84	1202	Below Cal	#	86
31) Cyclohexane	7.973	56	4145	1.280	ug/l #	58
36) 1,1-Dichloropropene	7.973	75	12873	4.704	ug/l #	52
38) Carbon Tetrachloride	7.979	117	15502	5.728	ug/l #	16
51) 4-Methyl-2-Pentanone	10.338	43	2121	1.772	ug/l #	1
71) Bromoform	12.626	173	1485	1.461	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	58676	51.265	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	58676	126.049	ug/l #	7
95) Naphthalene	15.379	128	1718	1.896	ug/l #	76

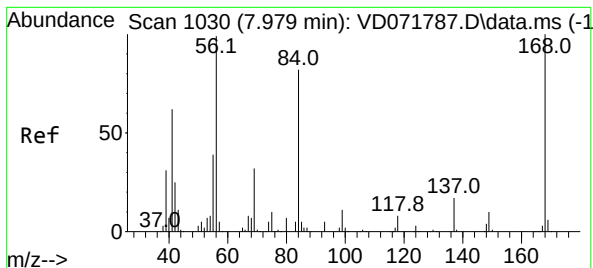
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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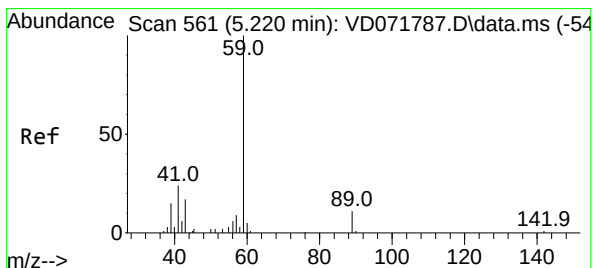
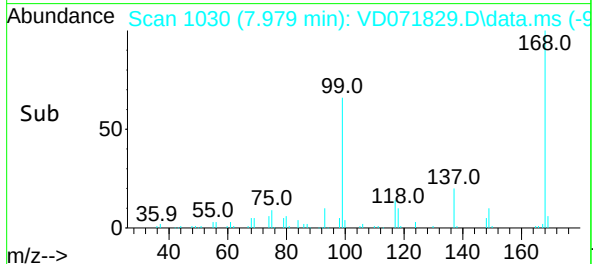
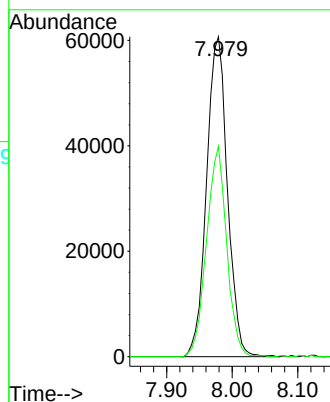
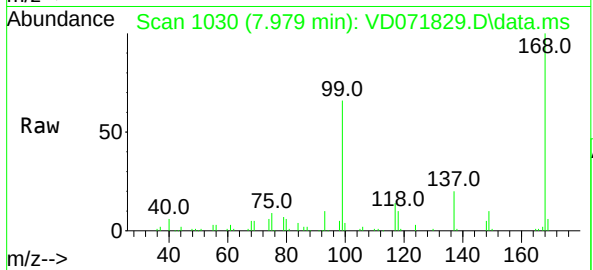




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071829.D
Acq: 28 Jan 2022 17:39

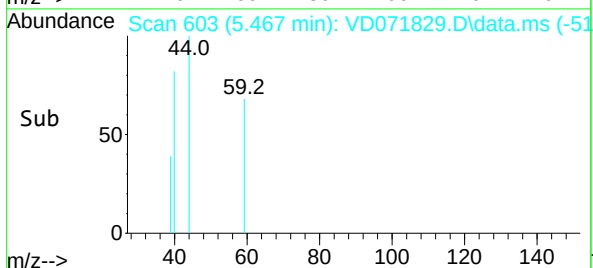
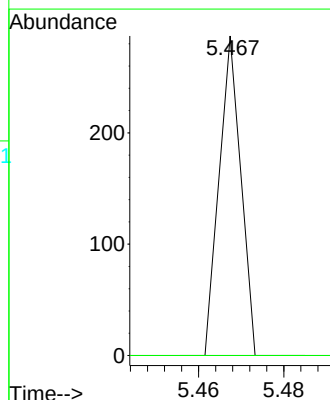
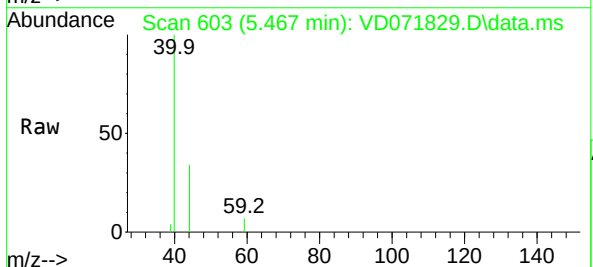
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILERE

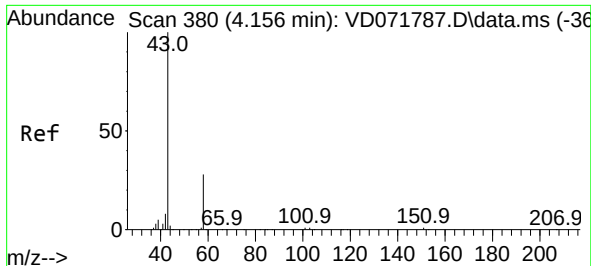
Tgt Ion:168 Resp: 134165
Ion Ratio Lower Upper
168 100
99 65.7 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.467 min Scan# 603
Delta R.T. 0.247 min
Lab File: VD071829.D
Acq: 28 Jan 2022 17:39

Tgt Ion: 59 Resp: 101
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

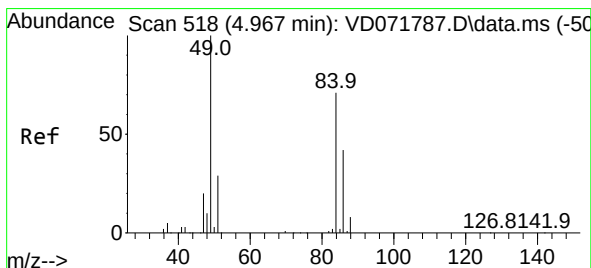
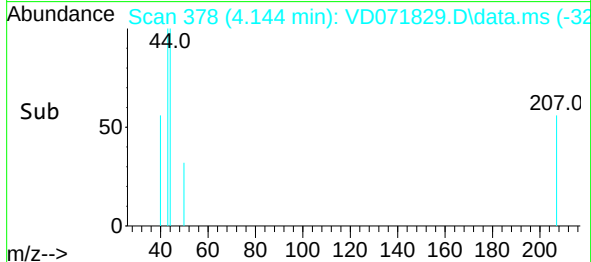
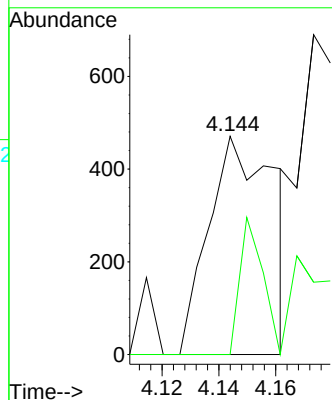
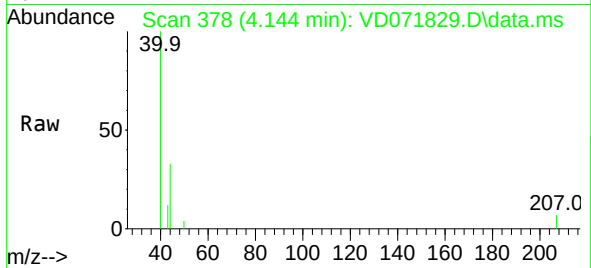




#16
Acetone
Concen: 1.633 ug/l
RT: 4.144 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD071829.D
Acq: 28 Jan 2022 17:39

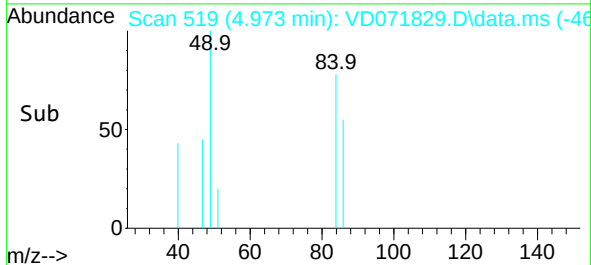
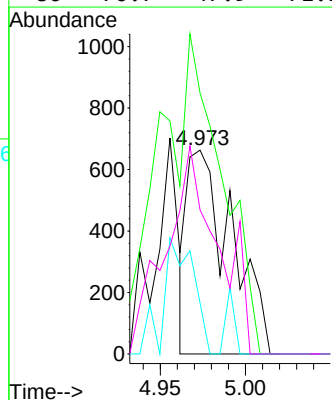
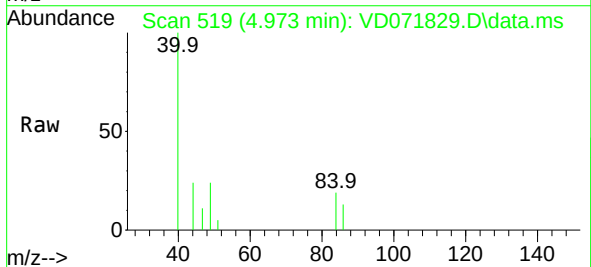
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILERE

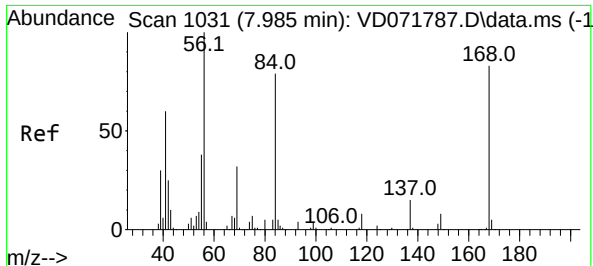
Tgt Ion: 43 Resp: 758
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD071829.D
Acq: 28 Jan 2022 17:39

Tgt Ion: 84 Resp: 1202
Ion Ratio Lower Upper
84 100
49 128.1 112.8 169.2
51 25.0 32.6 48.8#
86 70.7 47.9 71.9

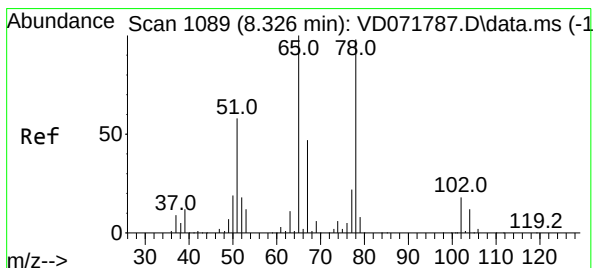
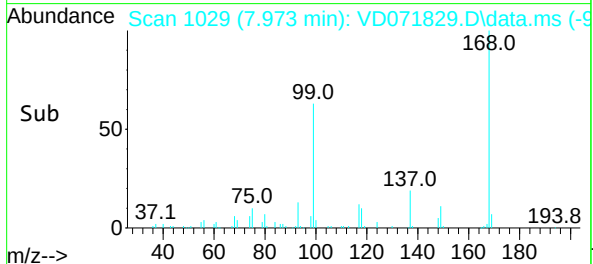
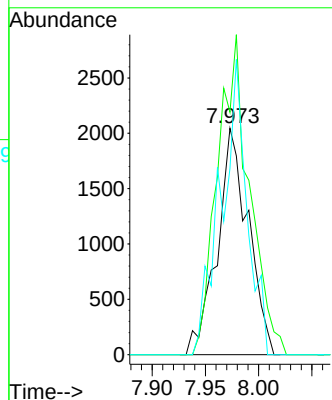
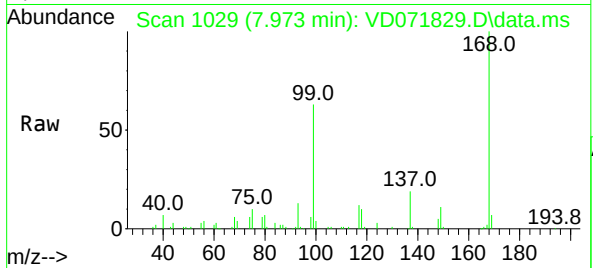




#31
Cyclohexane
Concen: 1.280 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071829.D
Acq: 28 Jan 2022 17:39

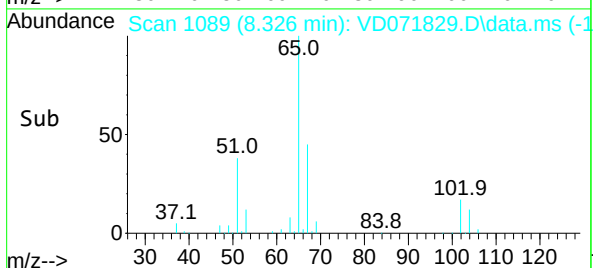
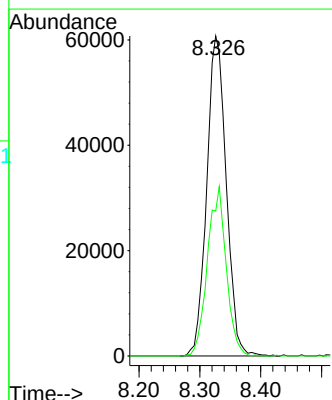
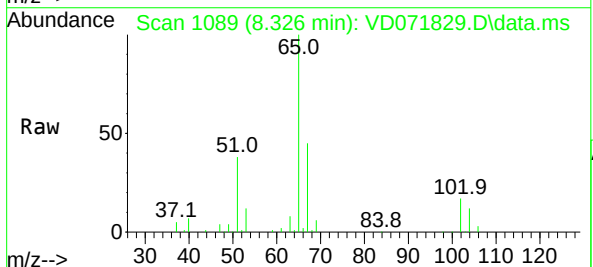
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILERE

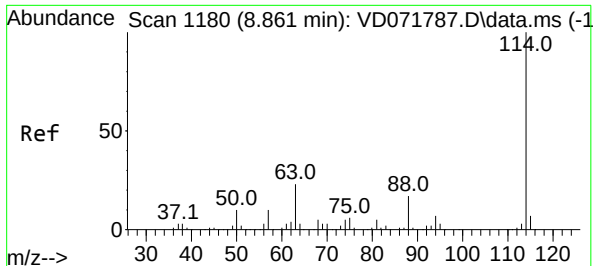
Tgt Ion: 56 Resp: 4145
Ion Ratio Lower Upper
56 100
69 107.0 25.4 38.2#
84 82.2 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 79.805 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071829.D
Acq: 28 Jan 2022 17:39

Tgt Ion: 65 Resp: 135331
Ion Ratio Lower Upper
65 100
67 50.8 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: VD071829.D

Acq: 28 Jan 2022 17:39

Instrument :

MSVOA_D

ClientSampleId :

SOIL-PILERE

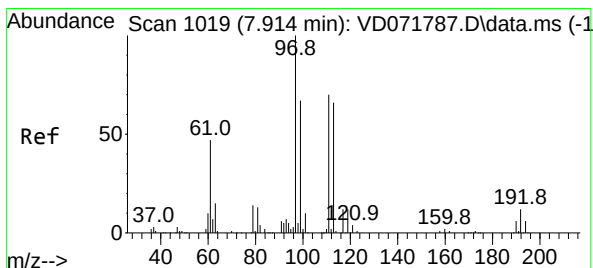
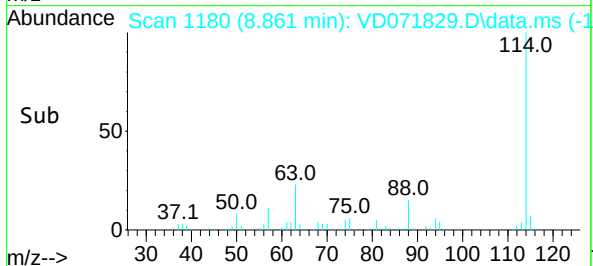
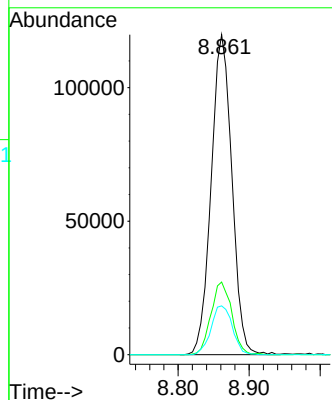
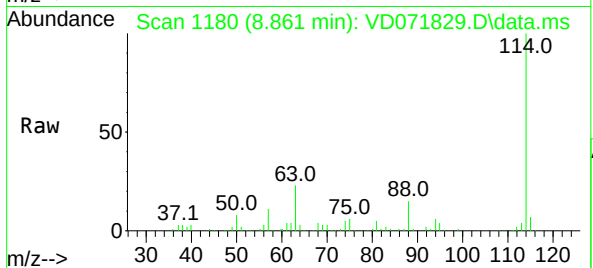
Tgt Ion:114 Resp: 242585

Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 61.809 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071829.D

Acq: 28 Jan 2022 17:39

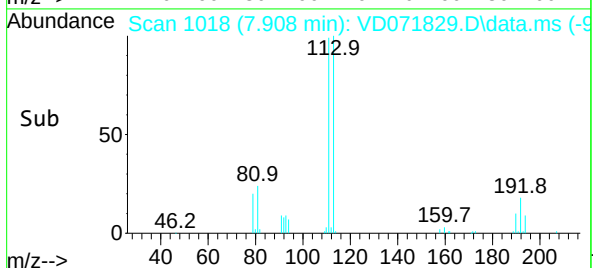
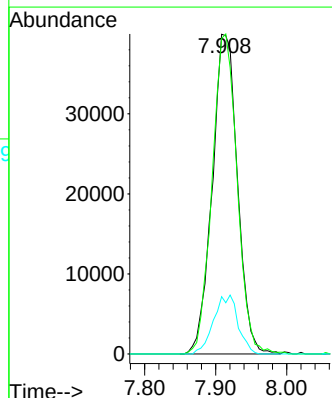
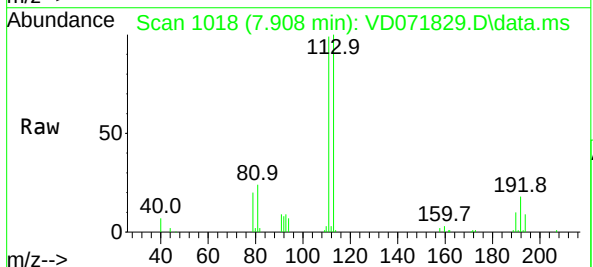
Tgt Ion:113 Resp: 98560

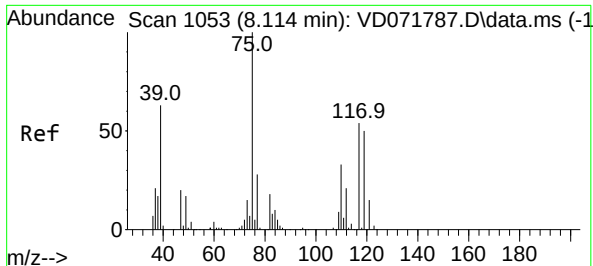
Ion Ratio Lower Upper

113 100

111 99.2 83.8 125.6

192 17.8 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.704 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071829.D

Acq: 28 Jan 2022 17:39

Instrument :

MSVOA_D

ClientSampleId :

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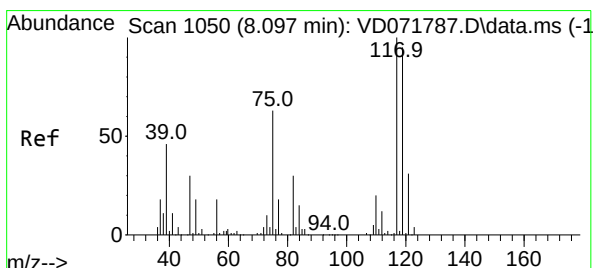
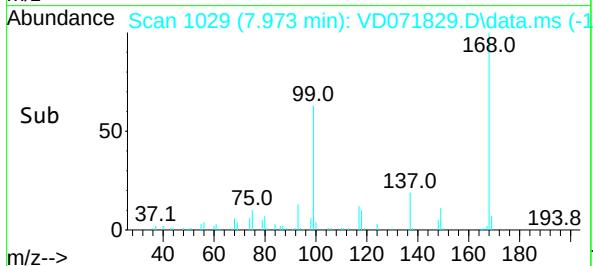
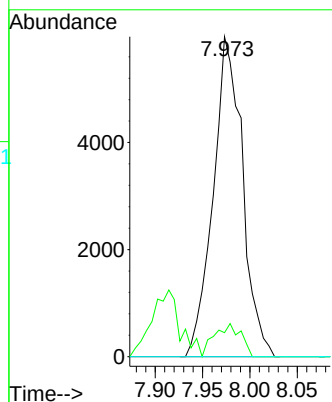
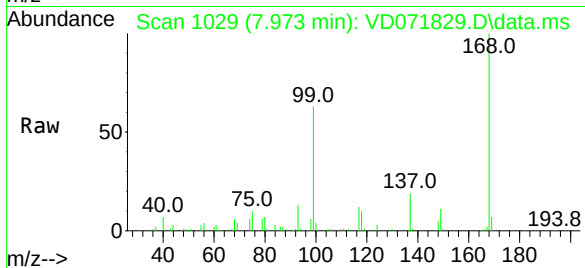
Tgt Ion: 75 Resp: 12873

Ion Ratio Lower Upper

75 100

110 9.3 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.728 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD071829.D

Acq: 28 Jan 2022 17:39

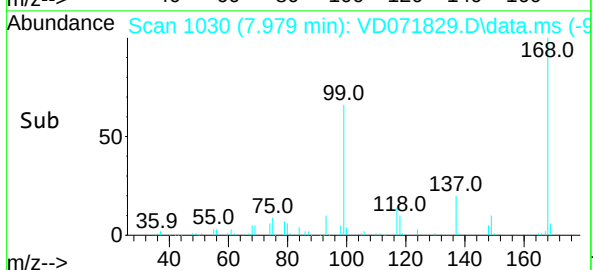
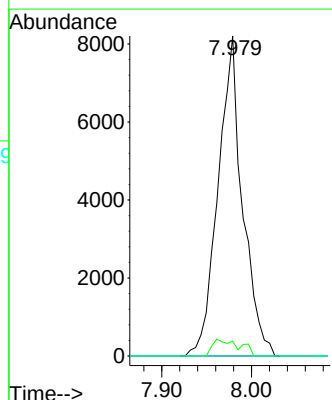
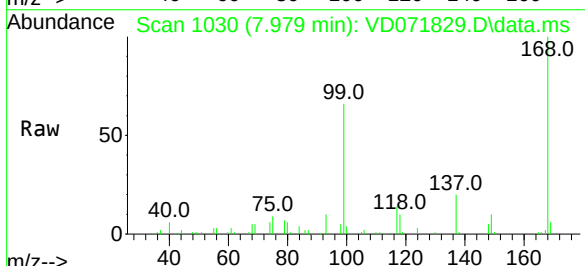
Tgt Ion: 117 Resp: 15502

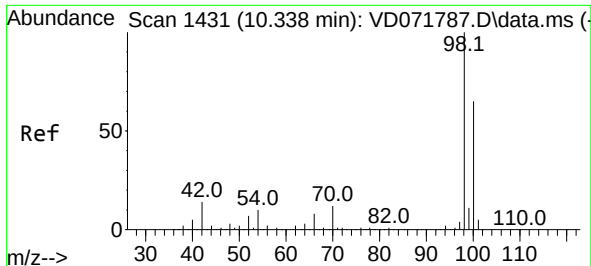
Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.6#

121 0.0 24.5 36.7#

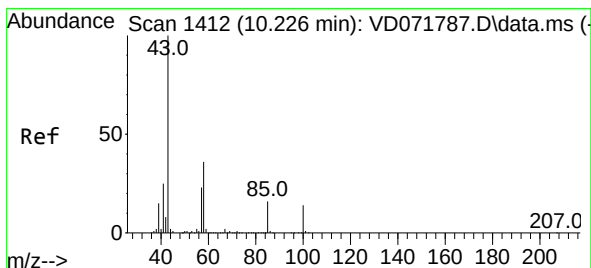
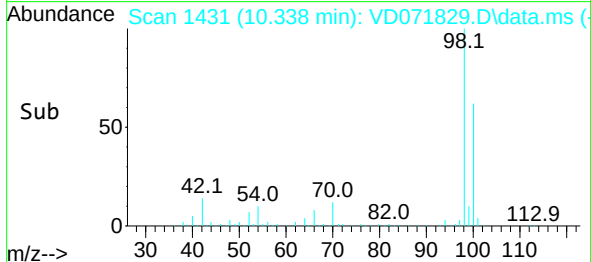
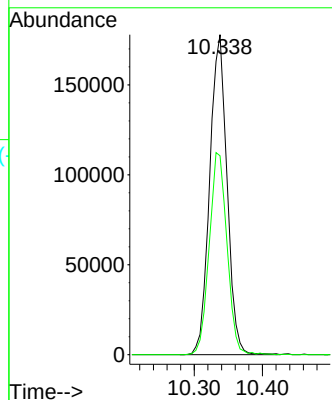
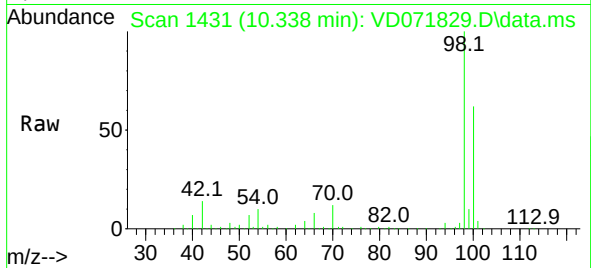




#50
Toluene-d8
Concen: 52.758 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071829.D
Acq: 28 Jan 2022 17:39

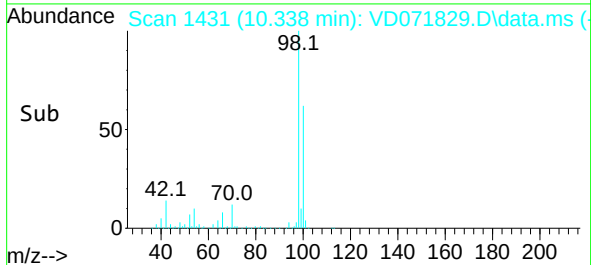
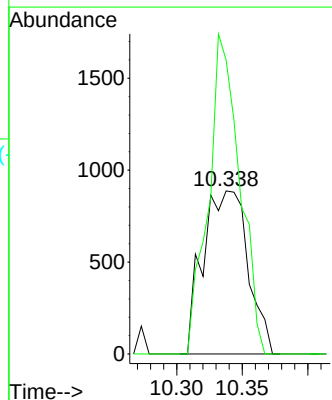
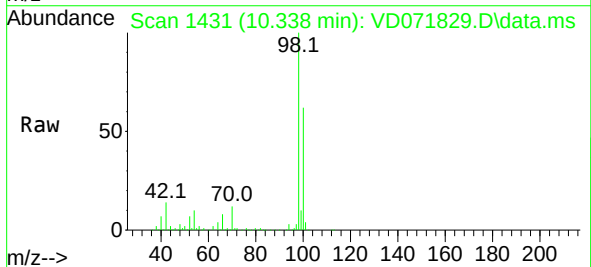
Instrument :
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ClientSampleId :
SOIL-PILERE

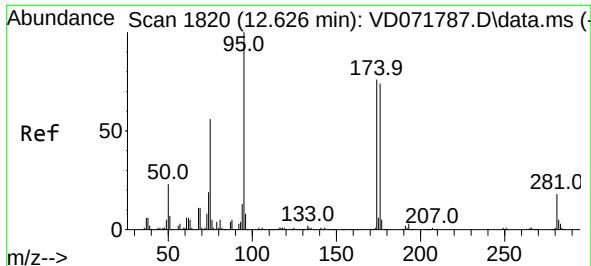
Tgt Ion: 98 Resp: 314183
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.772 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD071829.D
Acq: 28 Jan 2022 17:39

Tgt Ion: 43 Resp: 2121
Ion Ratio Lower Upper
43 100
58 136.4 28.6 43.0#

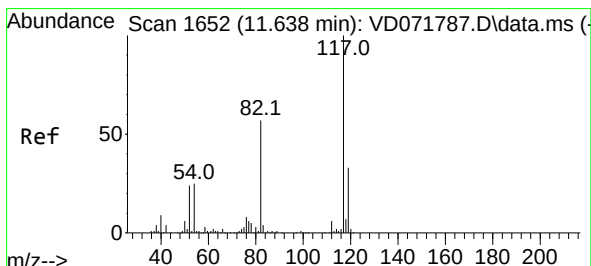
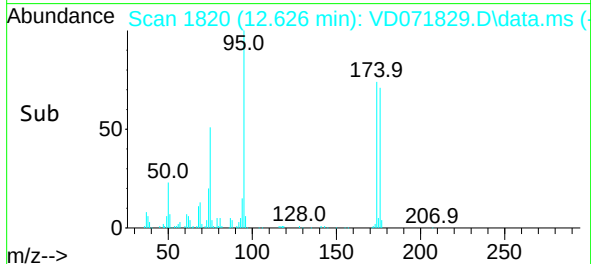
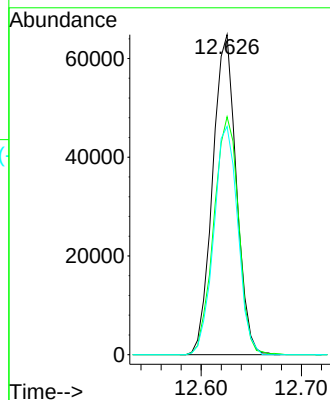
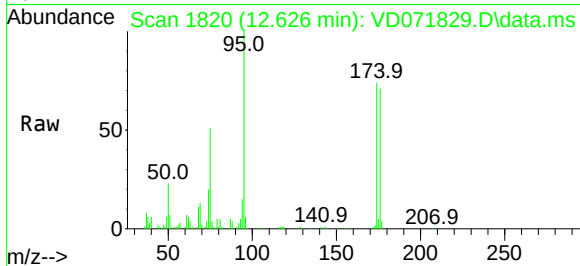




#62
4-Bromofluorobenzene
Concen: 51.118 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071829.D
Acq: 28 Jan 2022 17:39

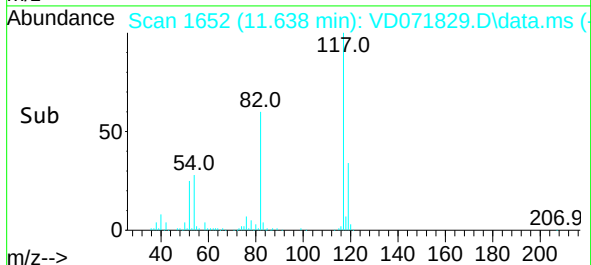
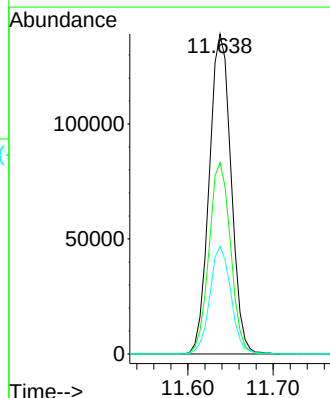
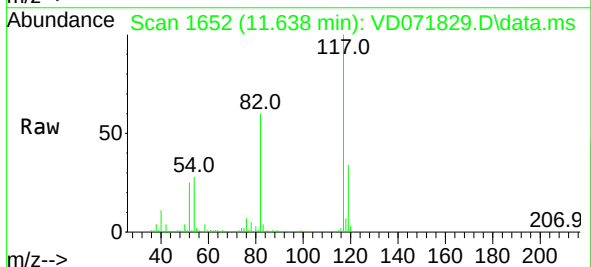
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILERE

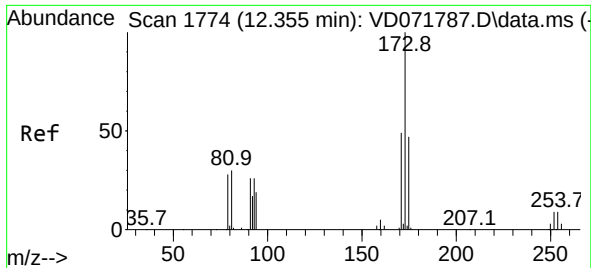
Tgt Ion: 95 Resp: 106308
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 72.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071829.D
Acq: 28 Jan 2022 17:39

Tgt Ion: 117 Resp: 247417
Ion Ratio Lower Upper
117 100
82 59.8 45.3 67.9
119 33.6 26.6 40.0

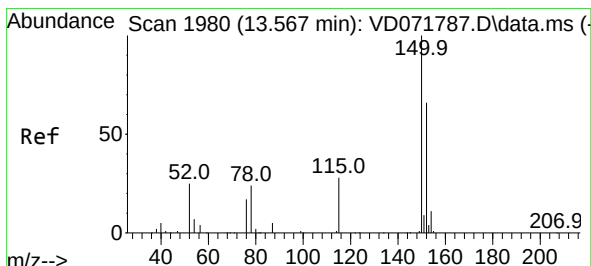
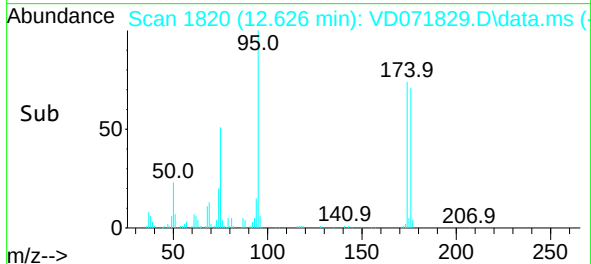
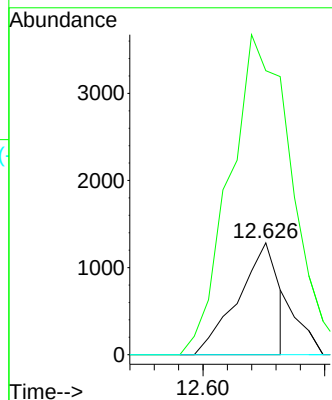
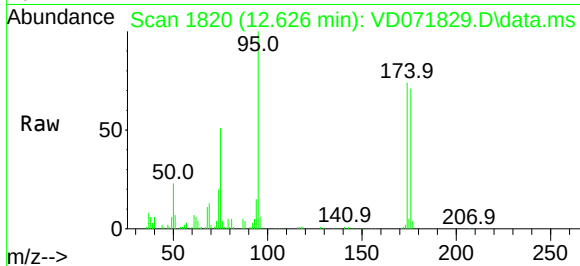




#71
Bromoform
Concen: 1.461 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.271 min
Lab File: VD071829.D
Acq: 28 Jan 2022 17:39

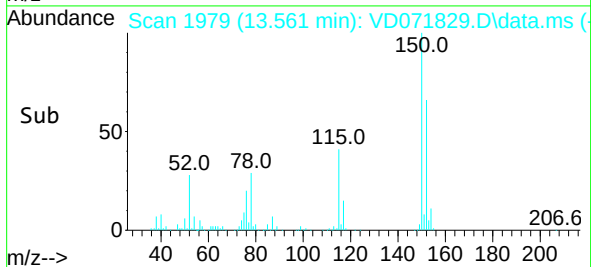
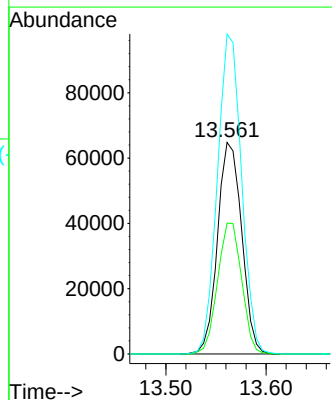
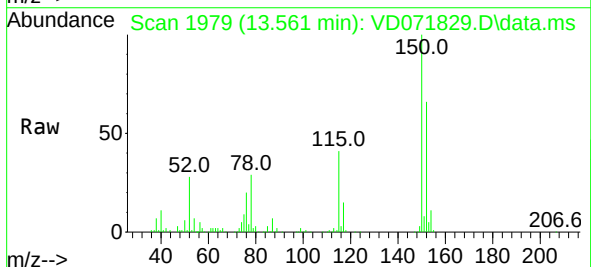
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILERE

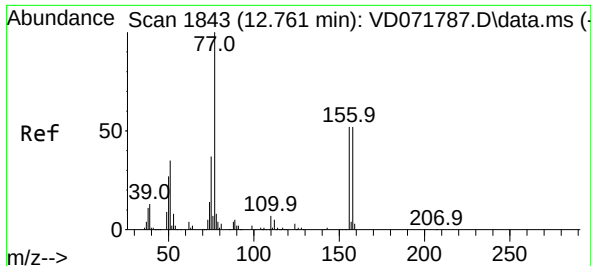
Tgt Ion:173 Resp: 1485
Ion Ratio Lower Upper
173 100
175 358.9 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071829.D
Acq: 28 Jan 2022 17:39

Tgt Ion:152 Resp: 108605
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 151.2 0.0 348.6

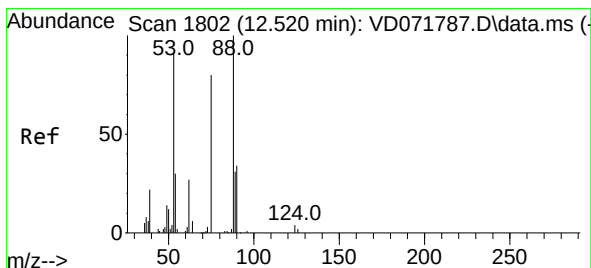
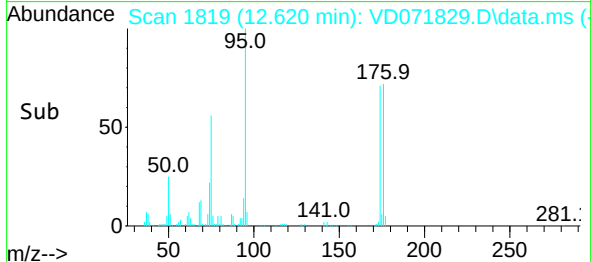
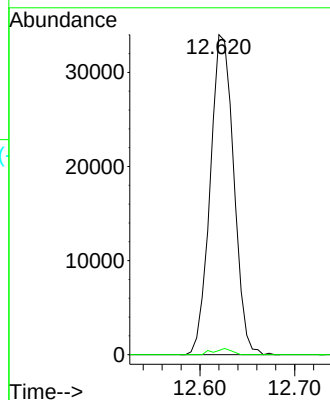
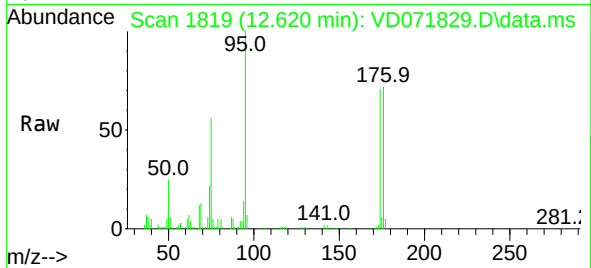




#76
1,2,3-Trichloropropane
Concen: 51.265 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071829.D
Acq: 28 Jan 2022 17:39

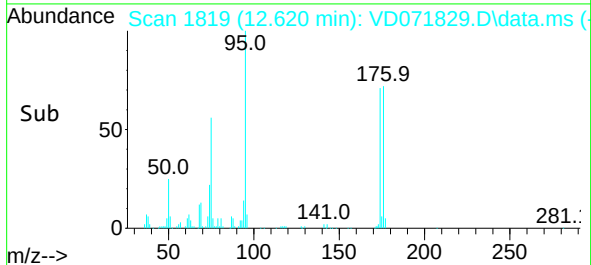
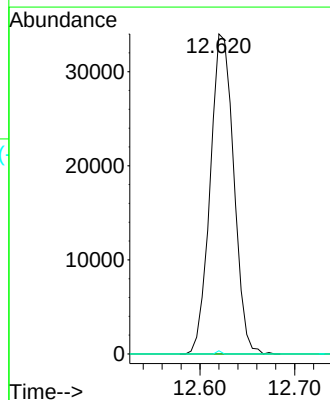
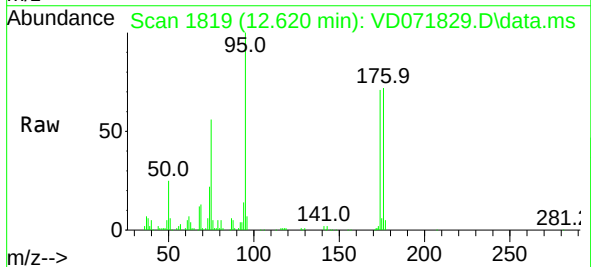
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILERE

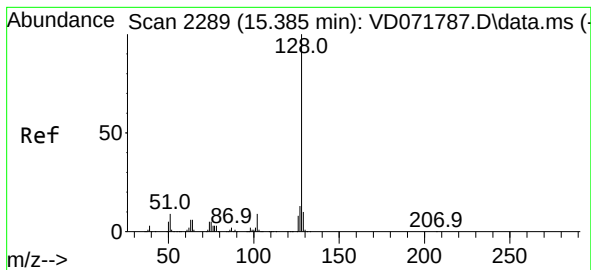
Tgt Ion: 75 Resp: 58676
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.049 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071829.D
Acq: 28 Jan 2022 17:39

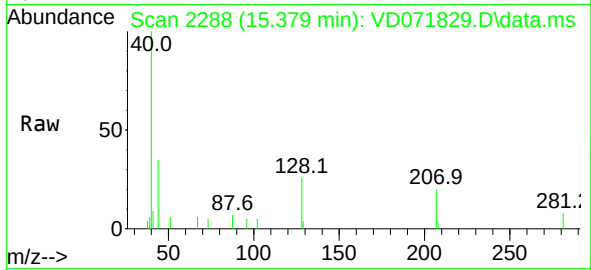
Tgt Ion: 75 Resp: 58676
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.2 33.9 50.9#





#95
Naphthalene
Concen: 1.896 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD071829.D
Acq: 28 Jan 2022 17:39

Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILERE



Tgt Ion:128 Resp: 1718
Ion Ratio Lower Upper
128 100
127 4.4 10.3 15.5#
129 0.0 8.4 12.6#

