

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071824.D
 Acq On : 28 Jan 2022 15:18
 Operator : VA/SY
 Sample : N1310-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE

Quant Time: Jan 29 04:51:47 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)

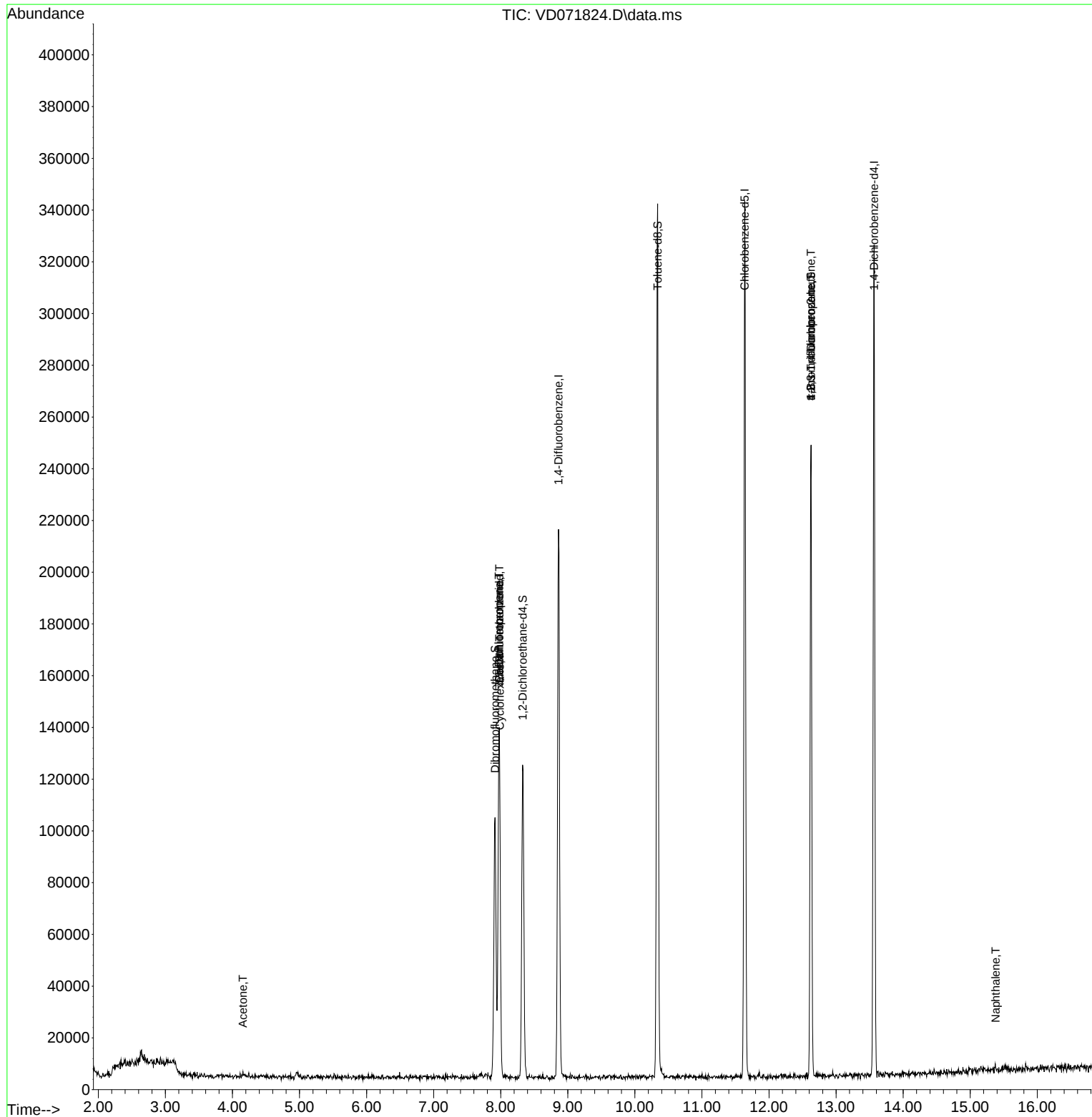
Internal Standards						
1) Pentafluorobenzene	7.979	168	91477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	170412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	179212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	79932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	97900	84.672	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 169.340%#	
35) Dibromofluoromethane	7.914	113	68675	61.308	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.620%	
50) Toluene-d8	10.338	98	222688	53.231	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.460%	
62) 4-Bromofluorobenzene	12.626	95	79640	54.514	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.020%	
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	1043	3.295	ug/l #	77
20) Methylene Chloride	4.962	84	450	Below Cal	#	40
31) Cyclohexane	7.985	56	2626	1.190	ug/l #	42
36) 1,1-Dichloropropene	7.973	75	8974	4.668	ug/l #	53
38) Carbon Tetrachloride	7.979	117	10437	5.489	ug/l #	17
76) 1,2,3-Trichloropropane	12.626	75	42612	50.585	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	42612	124.377	ug/l #	7
95) Naphthalene	15.379	128	1523	1.986	ug/l #	82

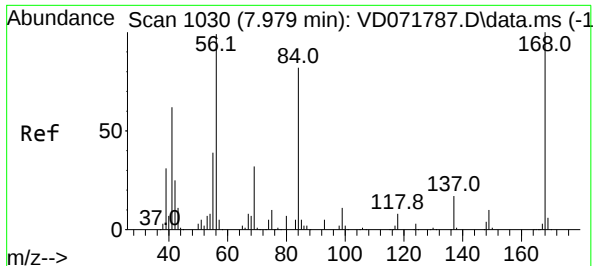
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
Data File : VD071824.D
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Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE

Quant Time: Jan 29 04:51:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
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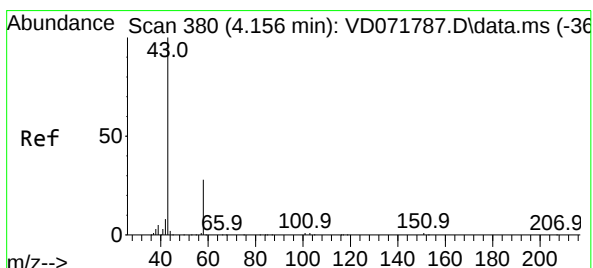
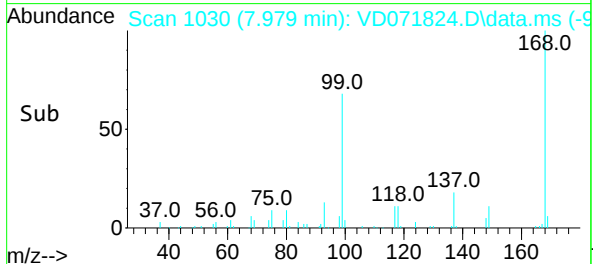
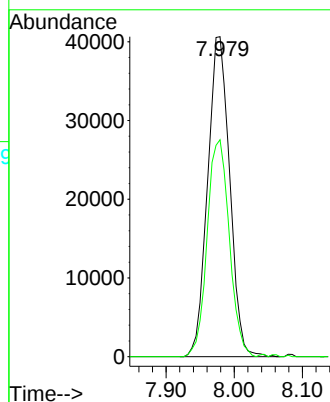
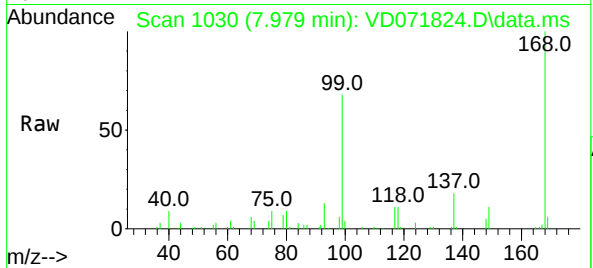




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071824.D
Acq: 28 Jan 2022 15:18

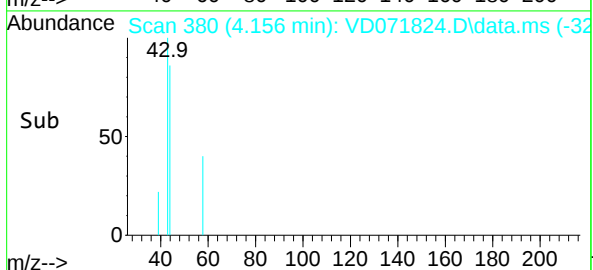
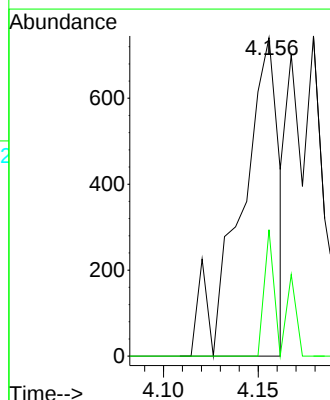
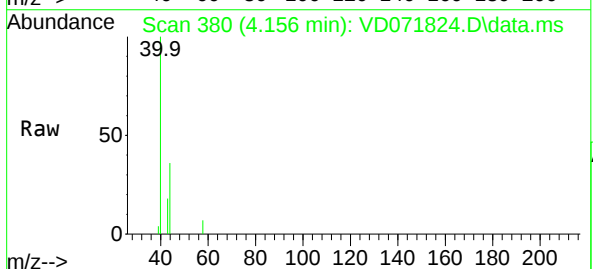
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE

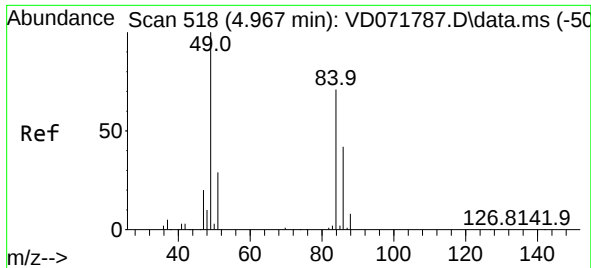
Tgt Ion:168 Resp: 91477
Ion Ratio Lower Upper
168 100
99 67.8 49.8 74.6



#16
Acetone
Concen: 3.295 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071824.D
Acq: 28 Jan 2022 15:18

Tgt Ion: 43 Resp: 1043
Ion Ratio Lower Upper
43 100
58 39.7 22.1 33.1#



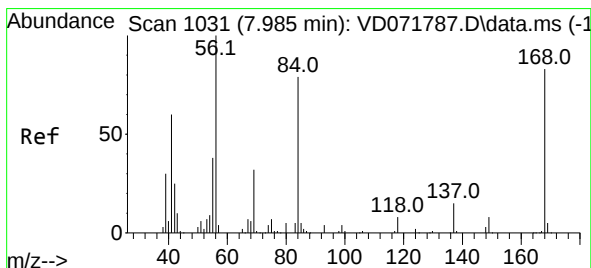
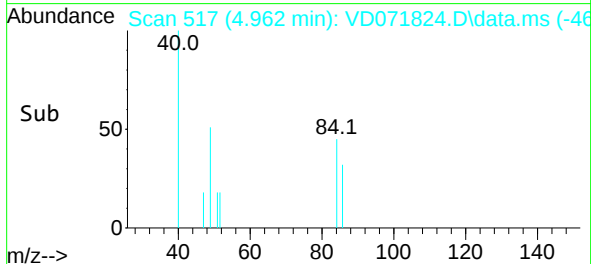
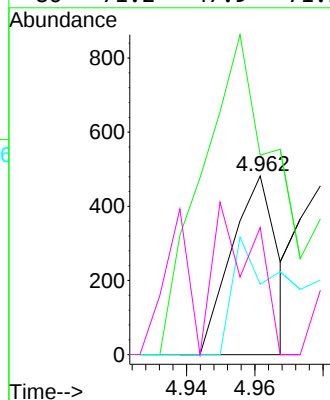
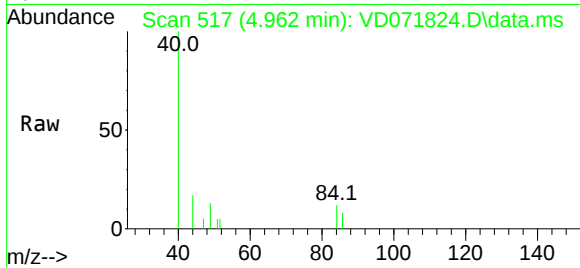


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD071824.D
Acq: 28 Jan 2022 15:18

Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE

Tgt Ion: 84 Resp: 450

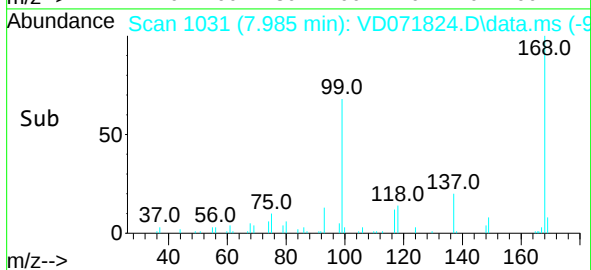
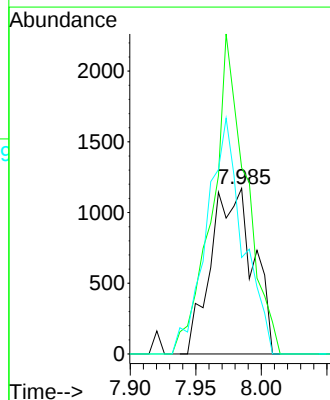
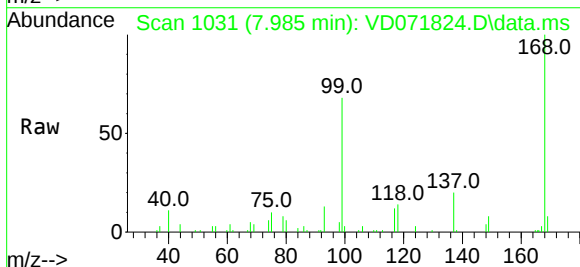
Ion	Ratio	Lower	Upper
84	100		
49	44.8	112.8	169.2#
51	80.1	32.6	48.8#
86	71.2	47.9	71.9

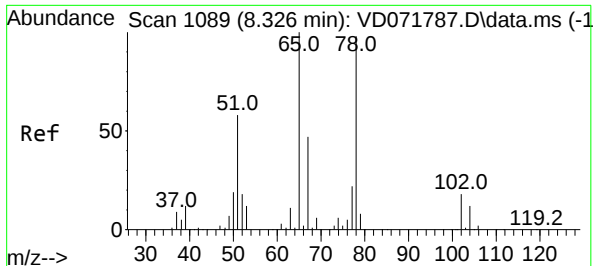


#31
Cyclohexane
Concen: 1.190 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071824.D
Acq: 28 Jan 2022 15:18

Tgt Ion: 56 Resp: 2626

Ion	Ratio	Lower	Upper
56	100		
69	112.5	25.4	38.2#
84	58.2	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 84.672 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071824.D

Acq: 28 Jan 2022 15:18

Instrument :

MSVOA_D

ClientSampleId :

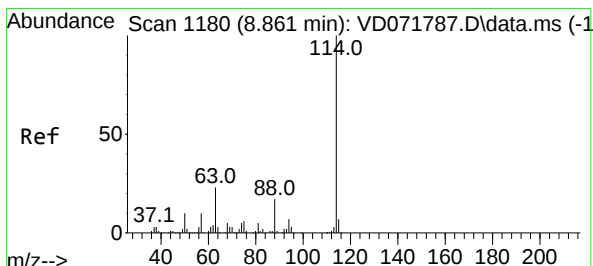
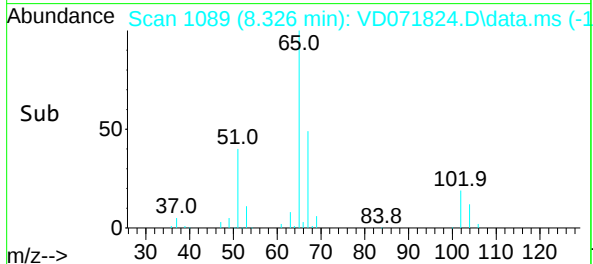
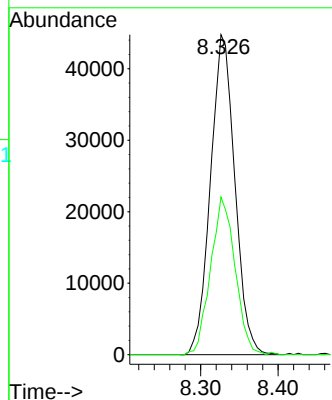
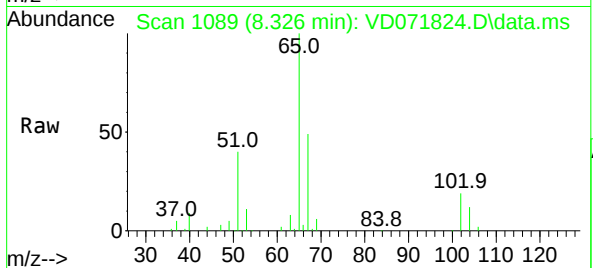
SOIL-PILE

Tgt Ion: 65 Resp: 97900

Ion Ratio Lower Upper

65 100

67 49.4 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: VD071824.D

Acq: 28 Jan 2022 15:18

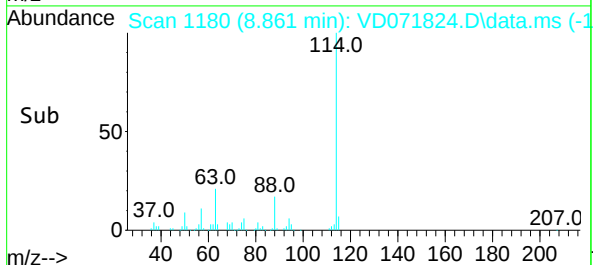
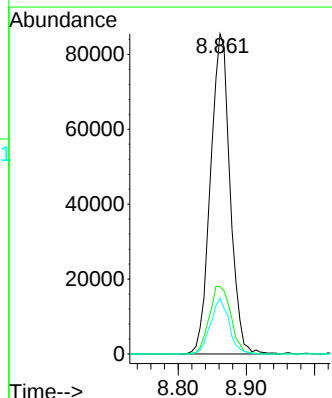
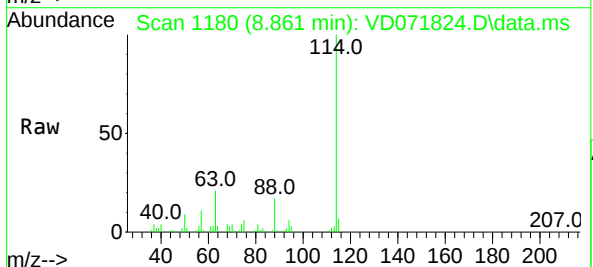
Tgt Ion: 114 Resp: 170412

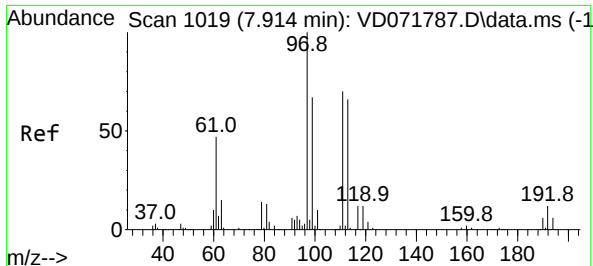
Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 17.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 61.308 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071824.D

Acq: 28 Jan 2022 15:18

Instrument :

MSVOA_D

ClientSampleId :

SOIL-PILE

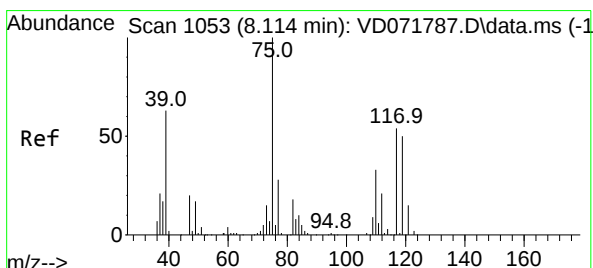
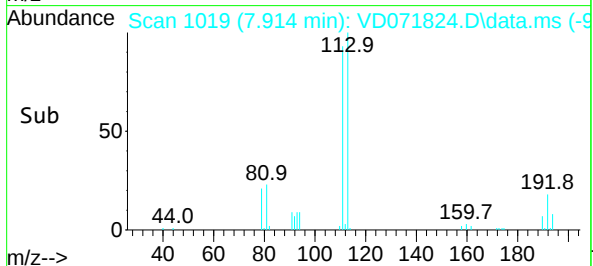
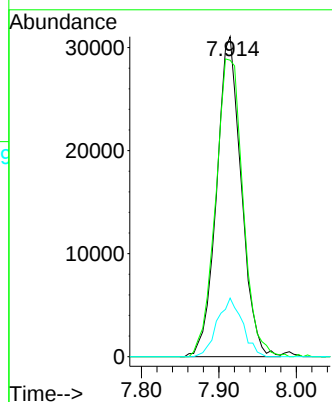
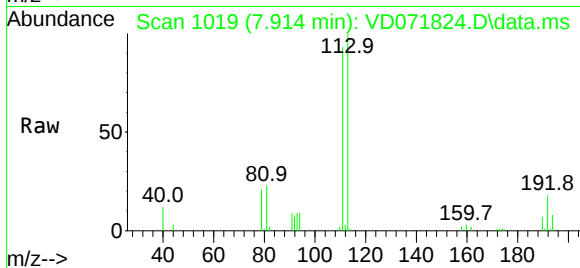
Tgt Ion:113 Resp: 68675

Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 18.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.668 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071824.D

Acq: 28 Jan 2022 15:18

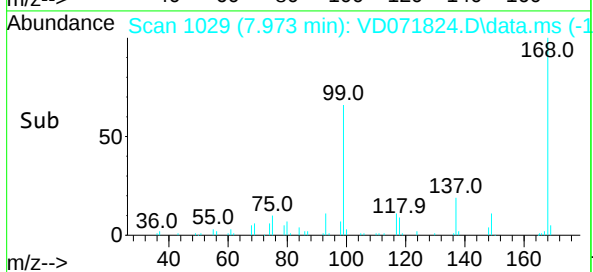
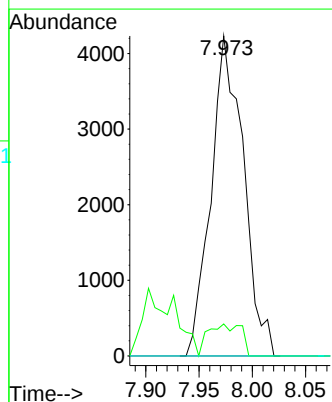
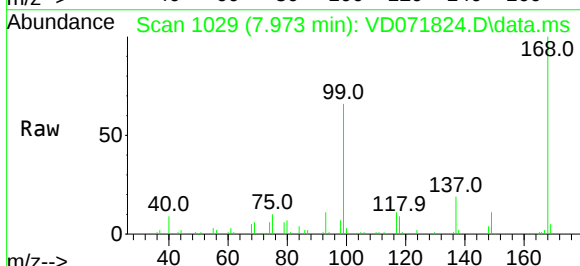
Tgt Ion: 75 Resp: 8974

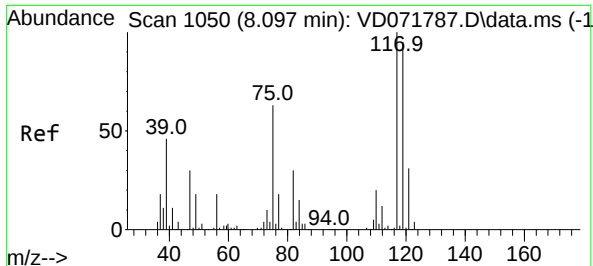
Ion Ratio Lower Upper

75 100

110 10.2 16.4 49.1#

77 0.0 24.2 36.2#

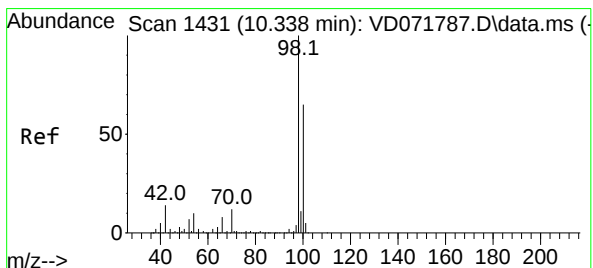
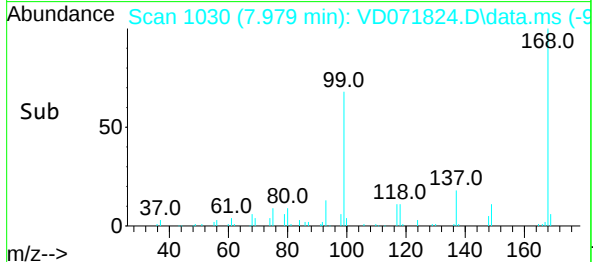
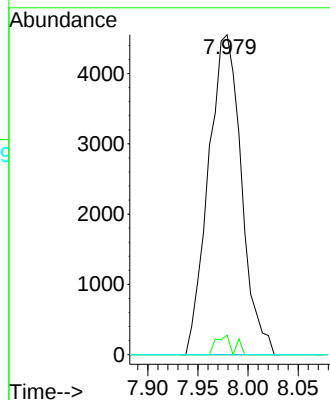
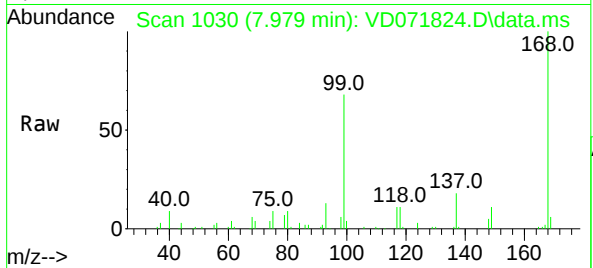




#38
Carbon Tetrachloride
Concen: 5.489 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071824.D
Acq: 28 Jan 2022 15:18

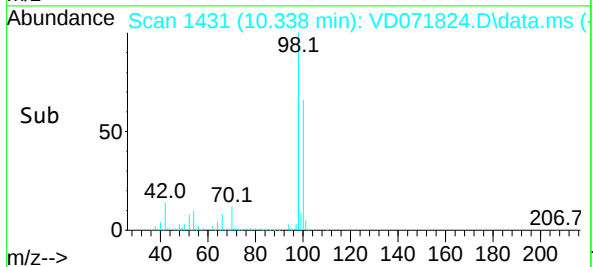
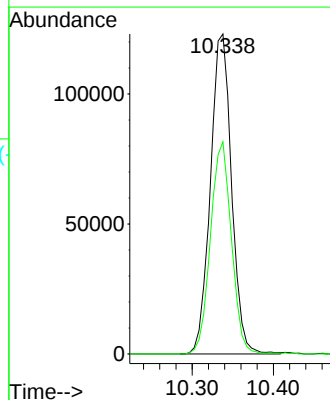
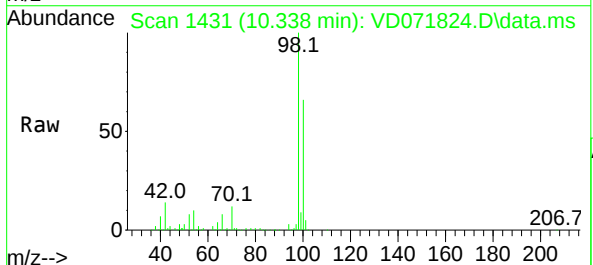
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE

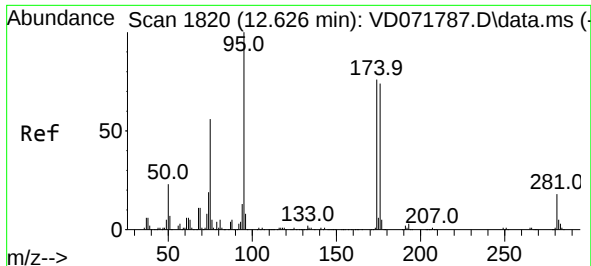
Tgt Ion:117 Resp: 10437
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.231 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071824.D
Acq: 28 Jan 2022 15:18

Tgt Ion: 98 Resp: 222688
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

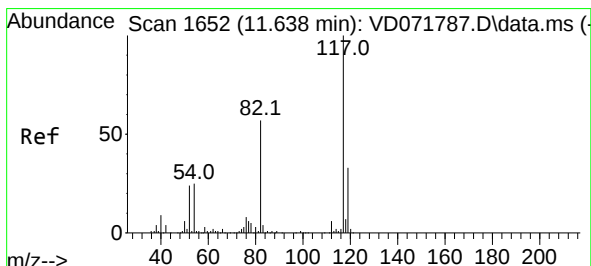
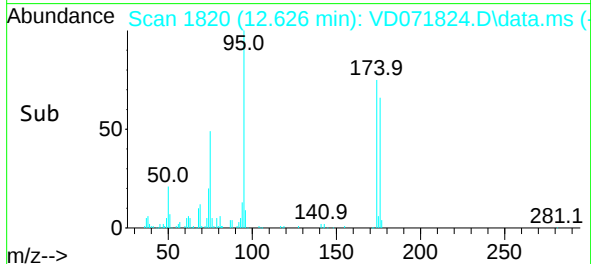
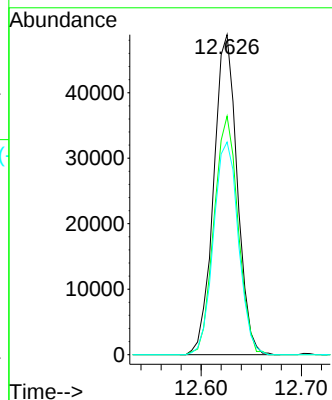
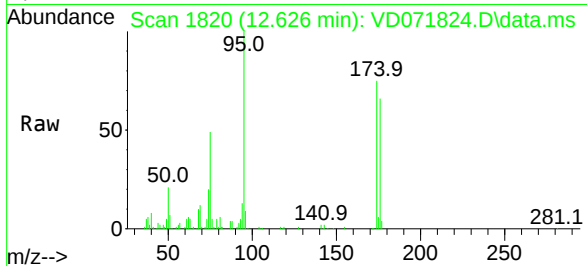




#62
4-Bromofluorobenzene
Concen: 54.514 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071824.D
Acq: 28 Jan 2022 15:18

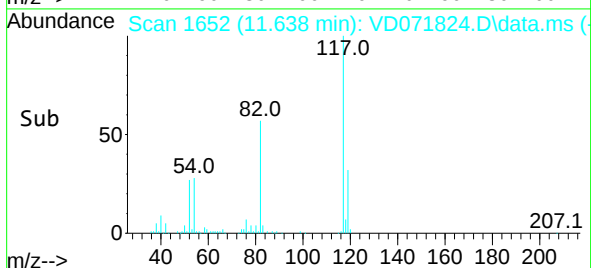
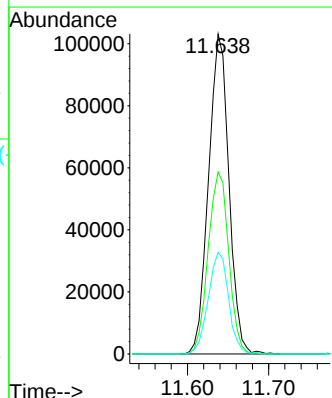
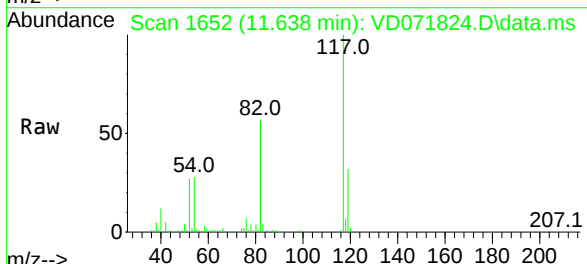
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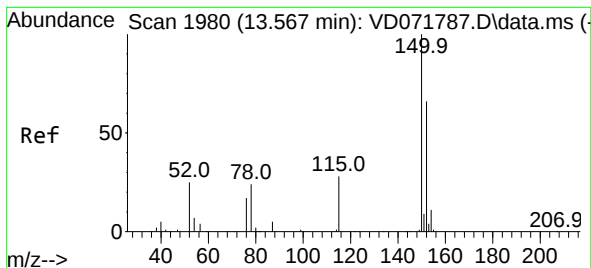
Tgt Ion: 95 Resp: 79640
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.8
176 70.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071824.D
Acq: 28 Jan 2022 15:18

Tgt Ion: 117 Resp: 179212
Ion Ratio Lower Upper
117 100
82 56.9 45.3 67.9
119 31.8 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. -0.000 min

Lab File: VD071824.D

Acq: 28 Jan 2022 15:18

Instrument :

MSVOA_D

ClientSampleId :

SOIL-PILE

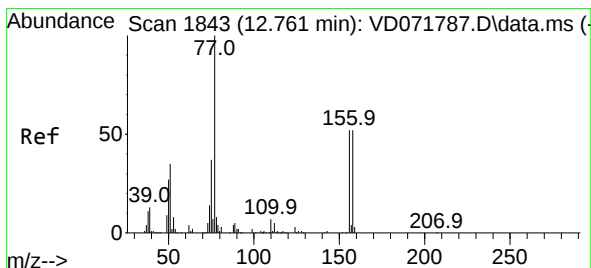
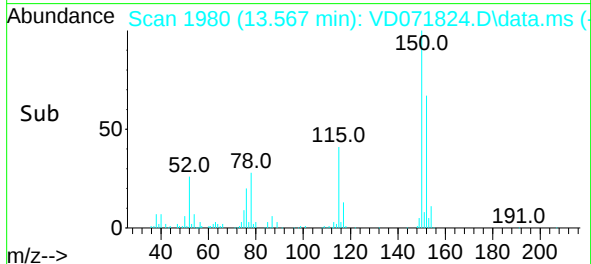
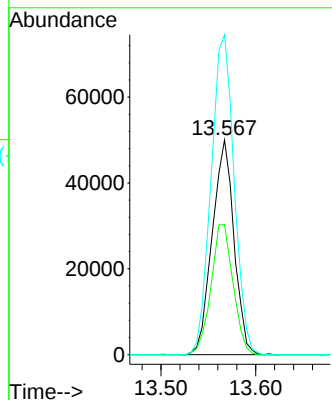
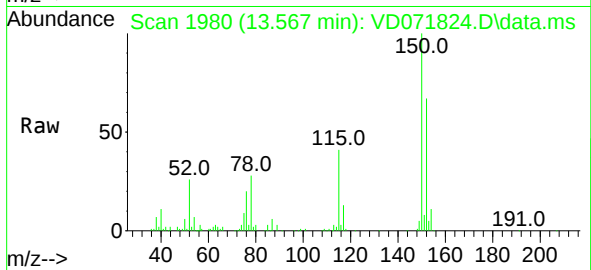
Tgt Ion:152 Resp: 79932

Ion Ratio Lower Upper

152 100

115 61.4 31.3 93.8

150 157.3 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 50.585 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. -0.147 min

Lab File: VD071824.D

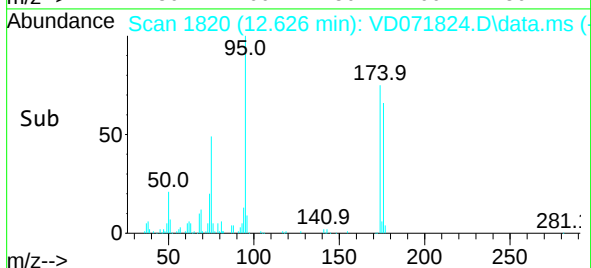
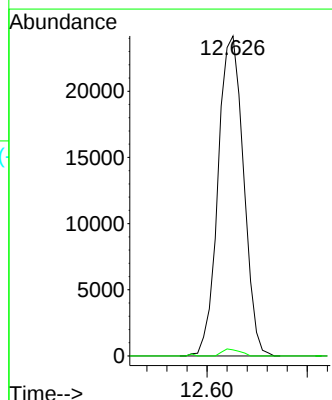
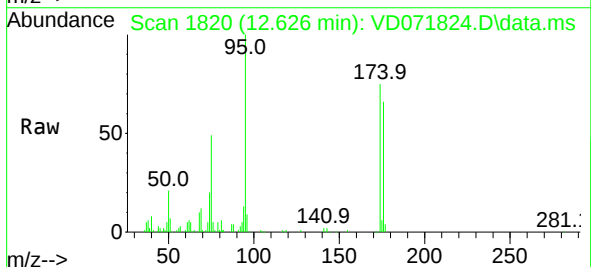
Acq: 28 Jan 2022 15:18

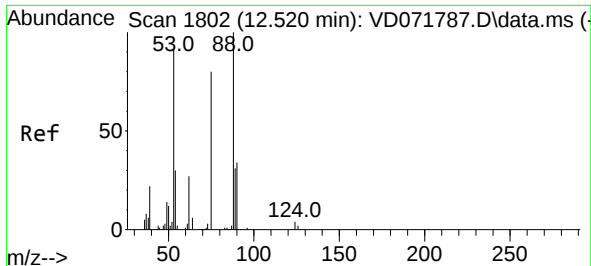
Tgt Ion: 75 Resp: 42612

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

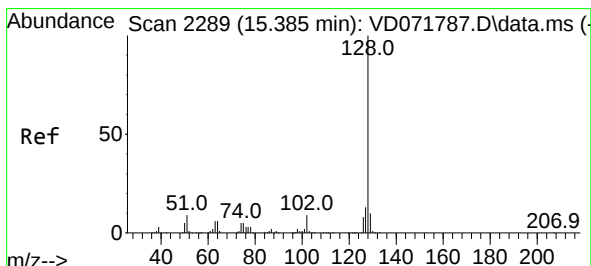
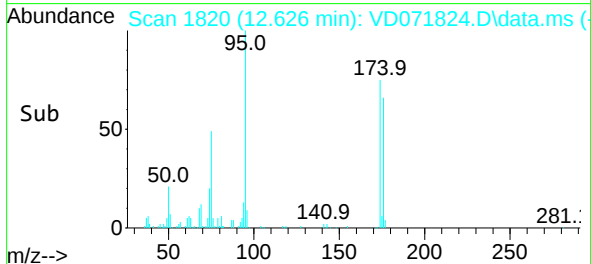
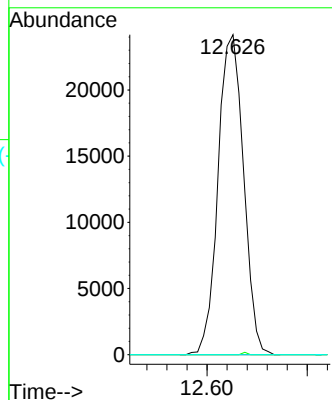
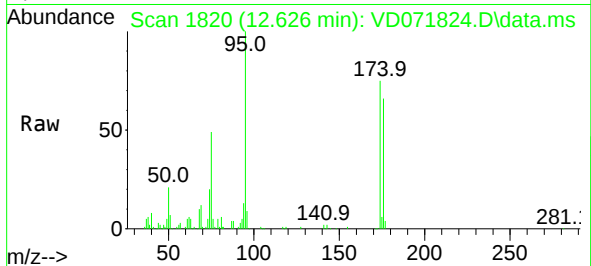




#81
trans-1,4-Dichloro-2-butene
Concen: 124.377 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD071824.D
Acq: 28 Jan 2022 15:18

Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE

Tgt Ion: 75 Resp: 42612
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 1.986 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD071824.D
Acq: 28 Jan 2022 15:18

Tgt Ion: 128 Resp: 1523
Ion Ratio Lower Upper
128 100
127 4.2 10.3 15.5#
129 5.6 8.4 12.6#

