

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040422\
 Data File : VD072516.D
 Acq On : 04 Apr 2022 14:02
 Operator : VA/SY
 Sample : N2229-01
 Misc : 5.41G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-DRUM

Quant Time: Apr 05 03:19:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

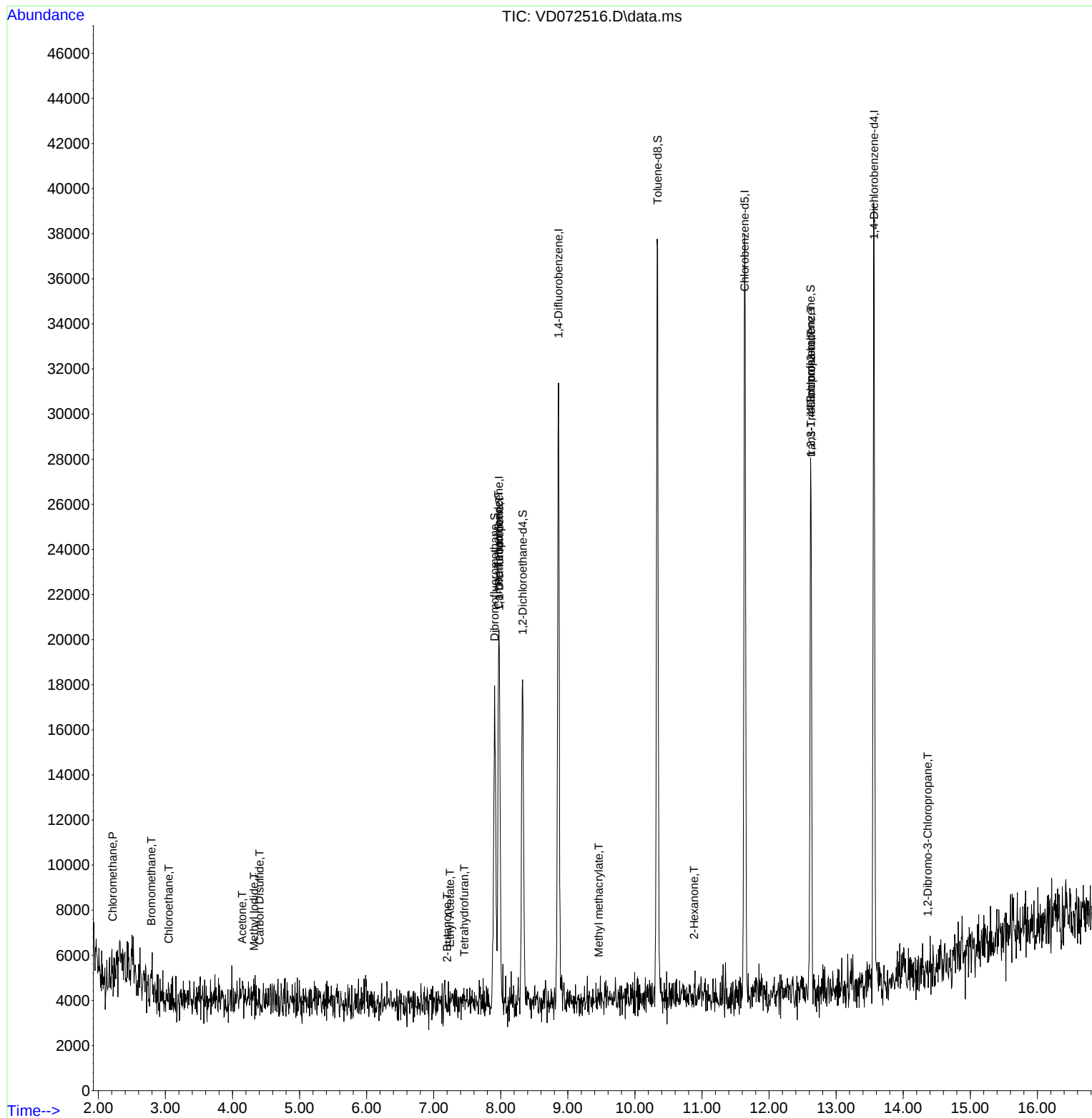
Internal Standards						
1) Pentafluorobenzene	7.973	168	11960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	21732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	20837	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	9415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	11362	78.532	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 157.060%			
35) Dibromofluoromethane	7.908	113	9135	54.089	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.180%			
50) Toluene-d8	10.338	98	23738	40.435	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 80.880%			
62) 4-Bromofluorobenzene	12.620	95	7863	34.295	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 68.600%			
Target Compounds						Qvalue
3) Chloromethane	2.215	50	463	5.274	ug/l #	40
5) Bromomethane	2.791	94	954	14.101	ug/l #	80
6) Chloroethane	3.050	64	65	1.005	ug/l #	42
10) Methyl Iodide	4.320	142	944	10.552	ug/l #	48
16) Acetone	4.144	43	786	29.135	ug/l #	47
17) Carbon Disulfide	4.403	76	96	4.009	ug/l #	74
25) 2-Butanone	7.203	43	127	3.404	ug/l #	52
29) Tetrahydrofuran	7.455	42	55	2.442	ug/l #	38
36) 1,1-Dichloropropene	7.979	75	899	5.196	ug/l #	43
37) Ethyl Acetate	7.244	43	152	1.699	ug/l #	72
38) Carbon Tetrachloride	7.967	117	1310	5.630	ug/l #	13
48) Methyl methacrylate	9.461	41	140	1.680	ug/l #	19
59) 2-Hexanone	10.885	43	64	1.022	ug/l #	27
76) 1,2,3-Trichloropropane	12.626	75	4728	46.043	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	4728	112.982	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.367	75	66	3.099	ug/l #	6

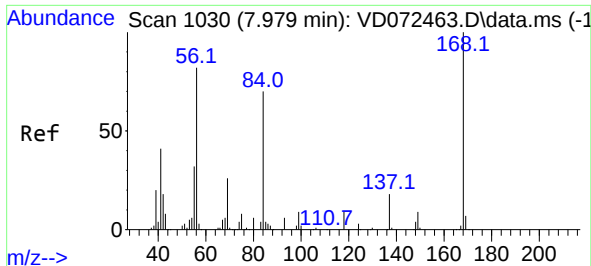
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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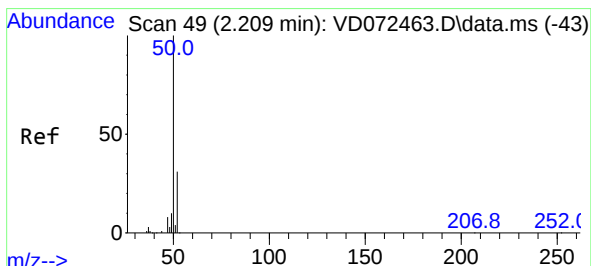
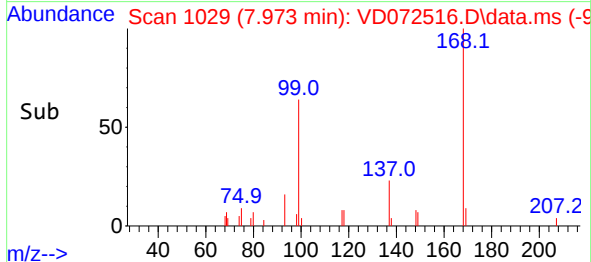
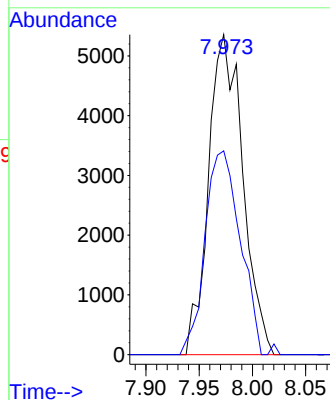
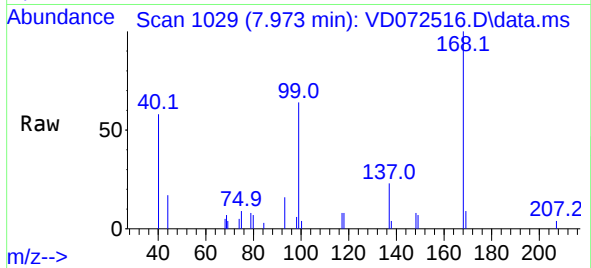




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072516.D
Acq: 04 Apr 2022 14:02

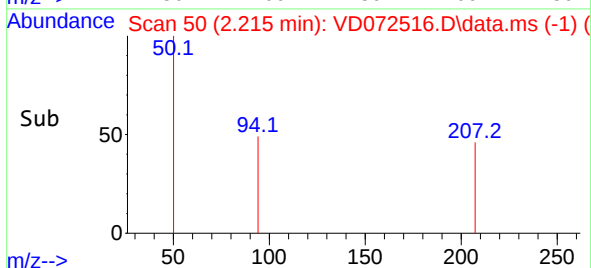
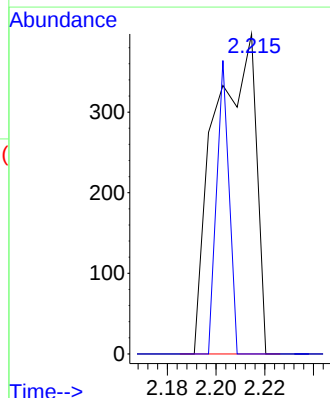
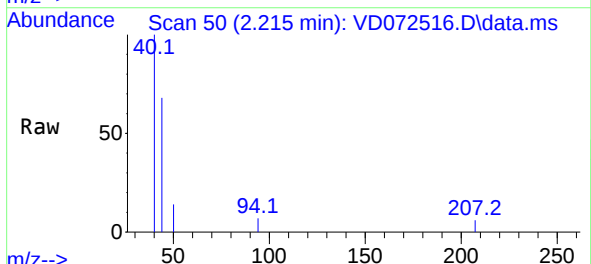
Instrument :
MSVOA_D
ClientSampleId :
SOIL-DRUM

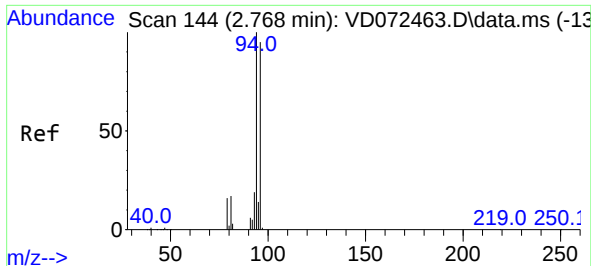
Tgt Ion:168 Resp: 11960
Ion Ratio Lower Upper
168 100
99 63.7 49.8 74.6



#3
Chloromethane
Concen: 5.274 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD072516.D
Acq: 04 Apr 2022 14:02

Tgt Ion: 50 Resp: 463
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

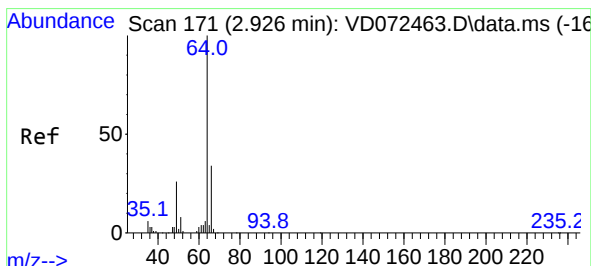
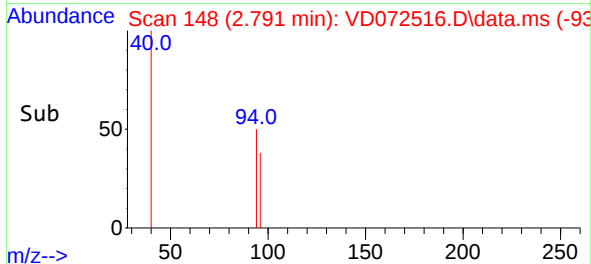
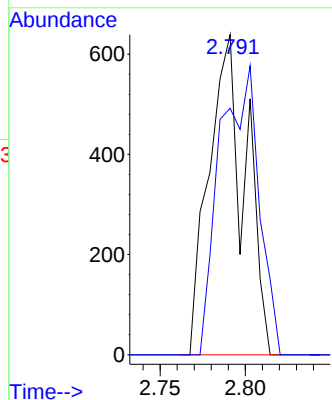
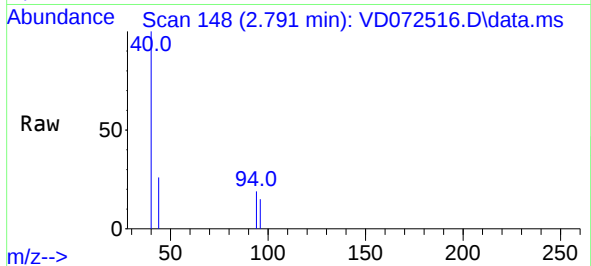




#5
Bromomethane
Concen: 14.101 ug/l
RT: 2.791 min Scan# 14
Delta R.T. 0.023 min
Lab File: VD072516.D
Acq: 04 Apr 2022 14:02

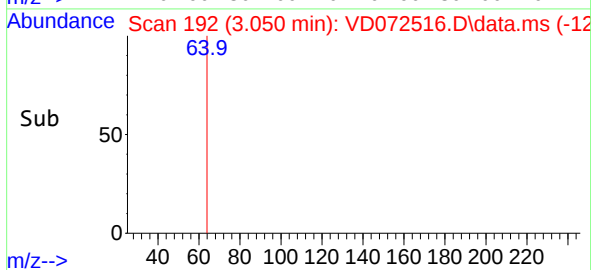
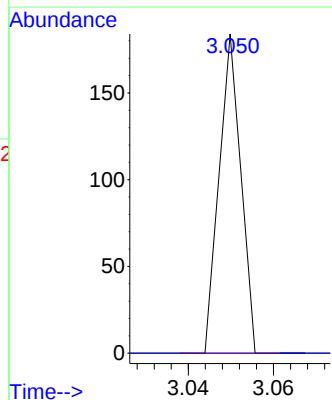
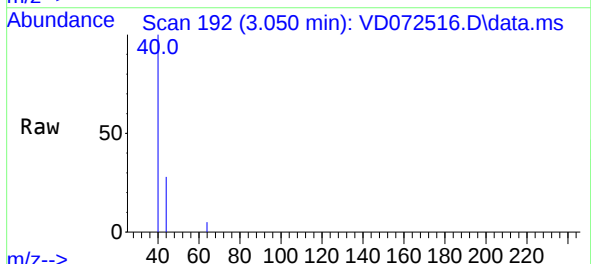
Instrument :
MSVOA_D
ClientSampleId :
SOIL-DRUM

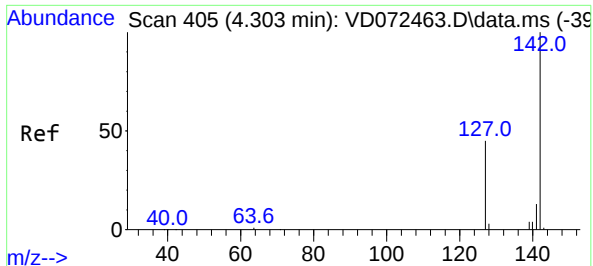
Tgt Ion: 94 Resp: 954
Ion Ratio Lower Upper
94 100
96 77.0 77.6 116.4#



#6
Chloroethane
Concen: 1.005 ug/l
RT: 3.050 min Scan# 192
Delta R.T. 0.123 min
Lab File: VD072516.D
Acq: 04 Apr 2022 14:02

Tgt Ion: 64 Resp: 65
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#





#10

Methyl Iodide

Concen: 10.552 ug/l

RT: 4.320 min Scan# 40

Delta R.T. 0.017 min

Lab File: VD072516.D

Acq: 04 Apr 2022 14:02

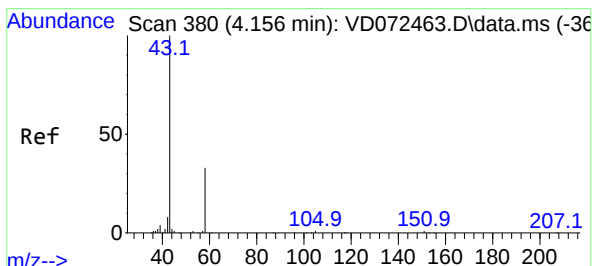
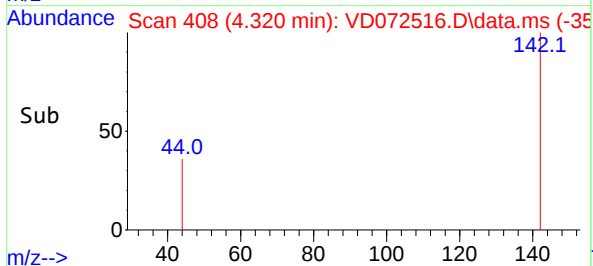
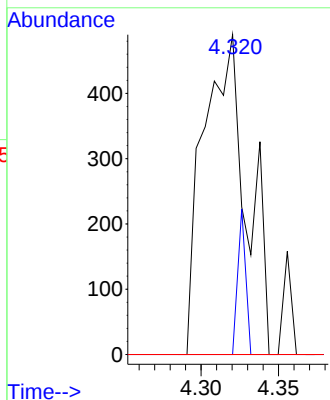
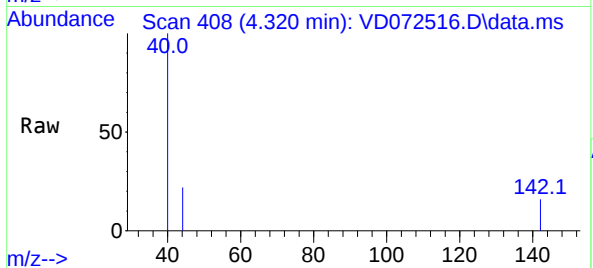
Instrument :

MSVOA_D

ClientSampleId :

SOIL-DRUM

Tgt Ion:	142	Resp:	944
Ion	Ratio	Lower	Upper
142	100		
127	8.4	37.3	55.9#
141	0.0	11.7	17.5#



#16

Acetone

Concen: 29.135 ug/l

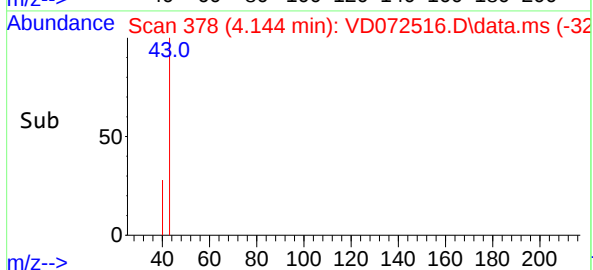
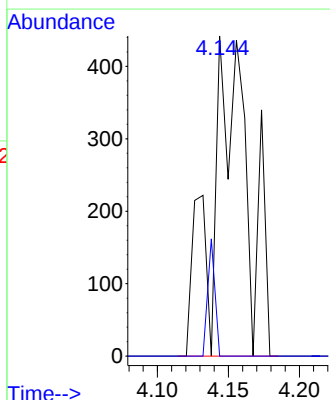
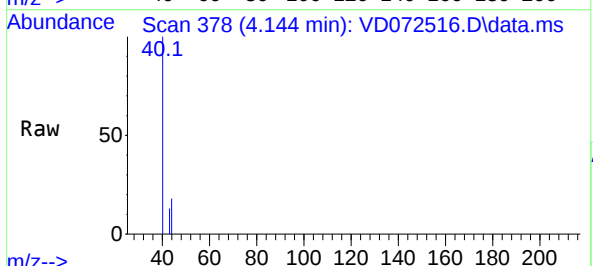
RT: 4.144 min Scan# 378

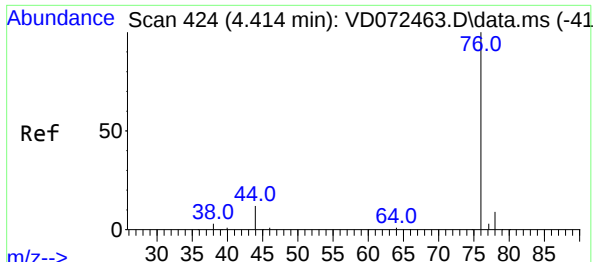
Delta R.T. -0.012 min

Lab File: VD072516.D

Acq: 04 Apr 2022 14:02

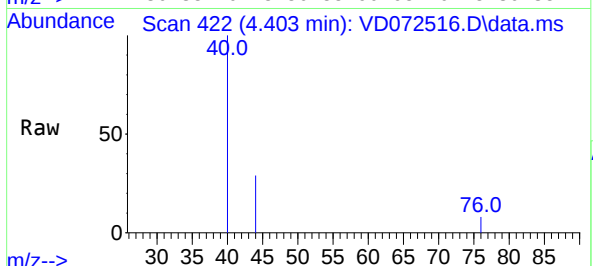
Tgt Ion:	43	Resp:	786
Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.1	33.1#



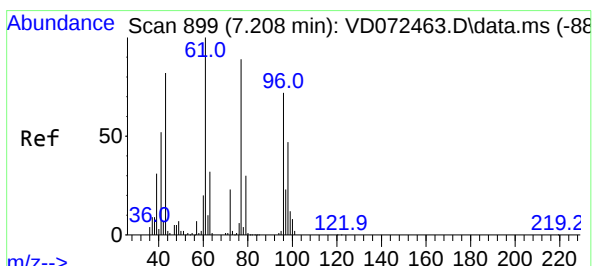
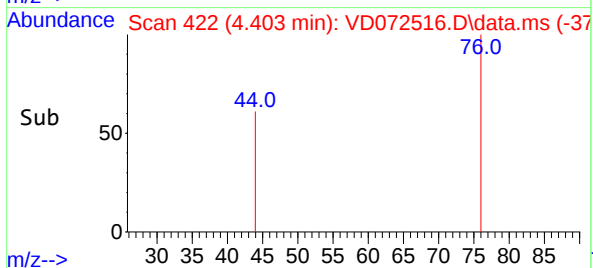
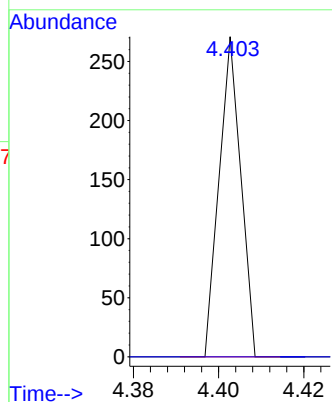


#17
Carbon Disulfide
Concen: 4.009 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD072516.D
Acq: 04 Apr 2022 14:02

Instrument :
MSVOA_D
ClientSampleId :
SOIL-DRUM

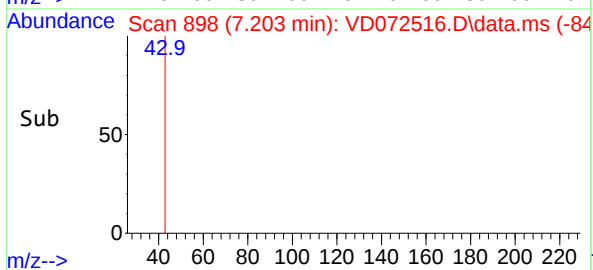
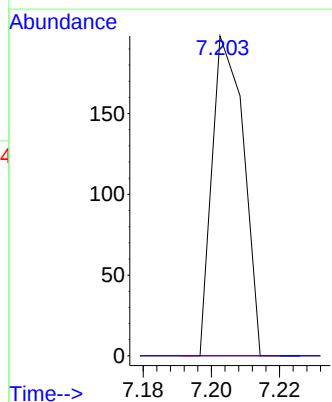
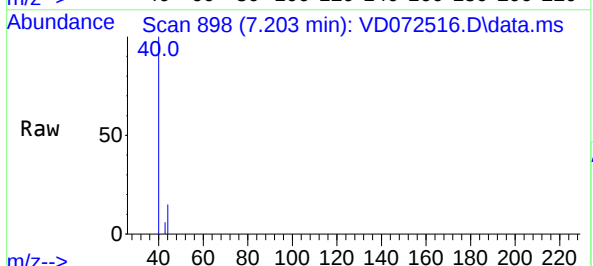


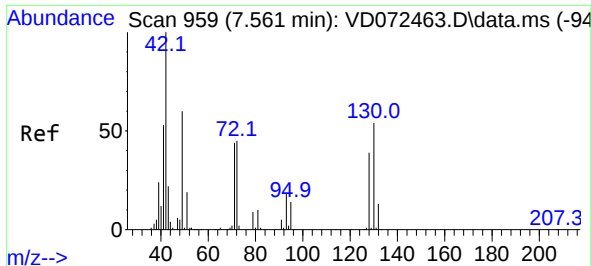
Tgt Ion: 76 Resp: 96
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#25
2-Butanone
Concen: 3.404 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD072516.D
Acq: 04 Apr 2022 14:02

Tgt Ion: 43 Resp: 127
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#





#29

Tetrahydrofuran

Concen: 2.442 ug/l

RT: 7.455 min Scan# 94

Delta R.T. -0.106 min

Lab File: VD072516.D

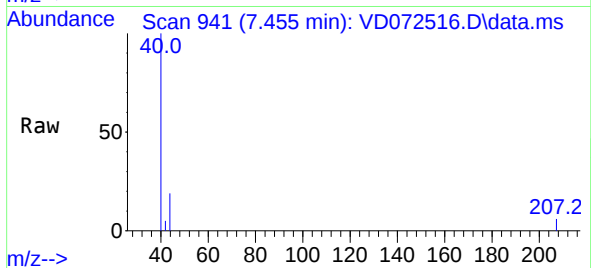
Acq: 04 Apr 2022 14:02

Instrument :

MSVOA_D

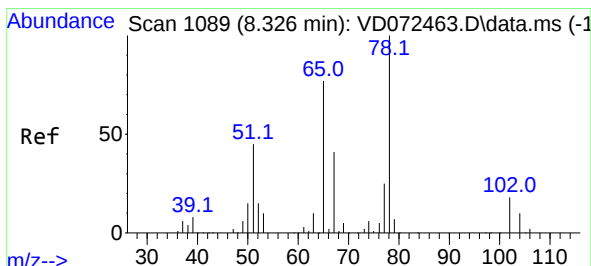
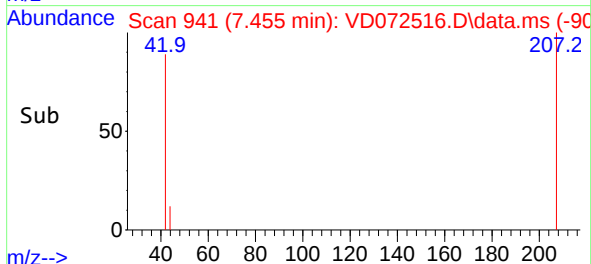
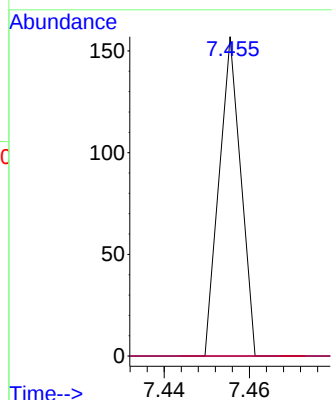
ClientSampleId :

SOIL-DRUM



Tgt Ion: 42 Resp: 55

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.7	46.1#
71	0.0	28.6	43.0#



#33

1,2-Dichloroethane-d4

Concen: 78.532 ug/l

RT: 8.326 min Scan# 1089

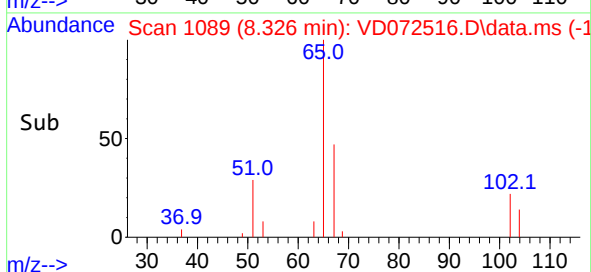
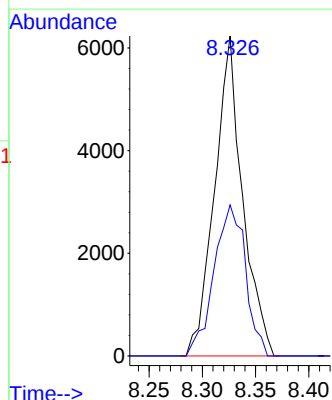
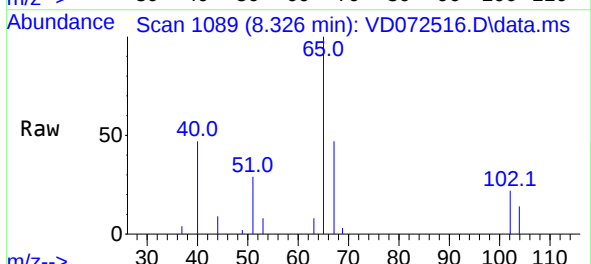
Delta R.T. -0.000 min

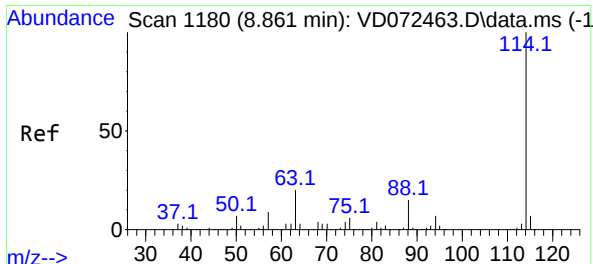
Lab File: VD072516.D

Acq: 04 Apr 2022 14:02

Tgt Ion: 65 Resp: 11362

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	101.4

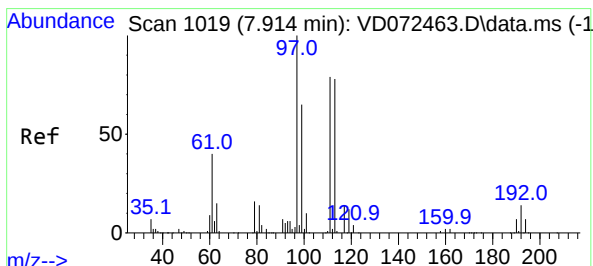
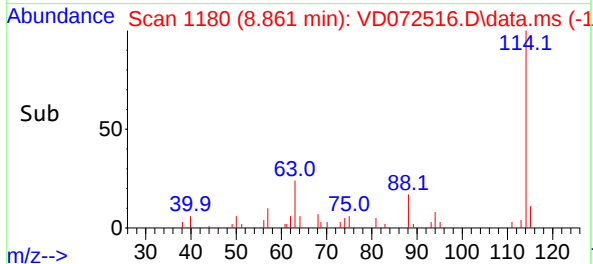
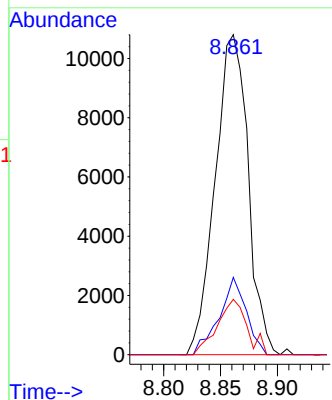
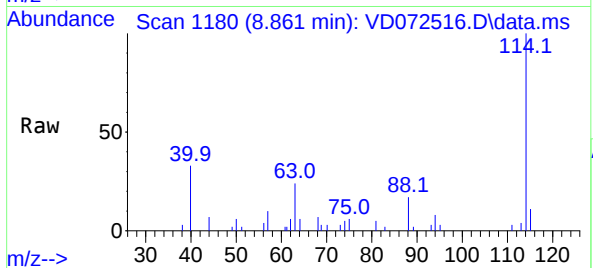




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072516.D
Acq: 04 Apr 2022 14:02

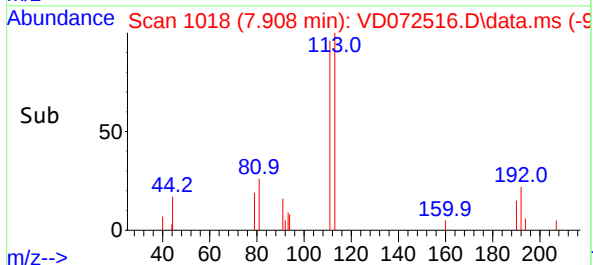
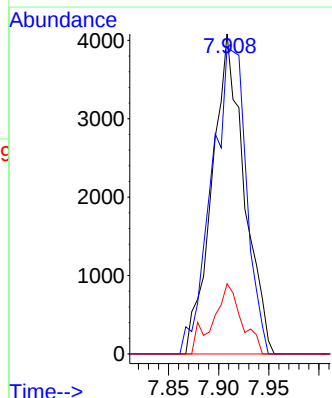
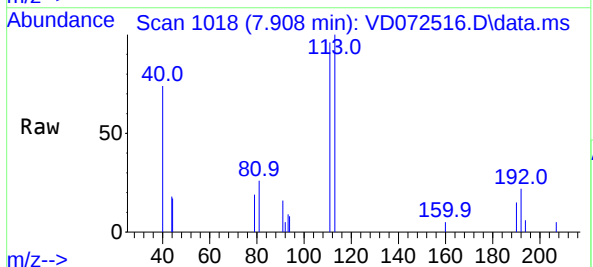
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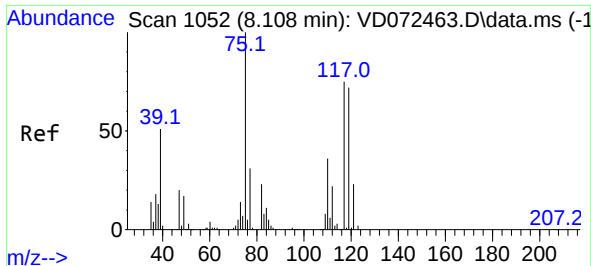
Tgt Ion:114	Resp:	21732
Ion Ratio	Lower	Upper
114	100	
63	24.2	0.0 46.6
88	17.3	0.0 33.2



#35
Dibromofluoromethane
Concen: 54.089 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072516.D
Acq: 04 Apr 2022 14:02

Tgt Ion:113	Resp:	9135
Ion Ratio	Lower	Upper
113	100	
111	103.3	83.8 125.6
192	19.6	14.6 21.8

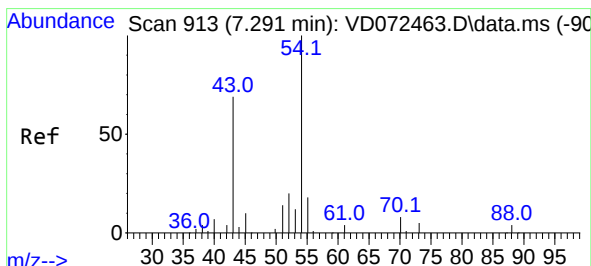
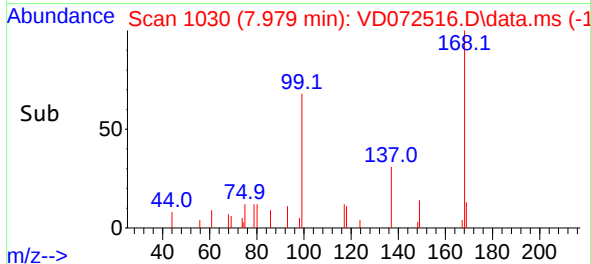
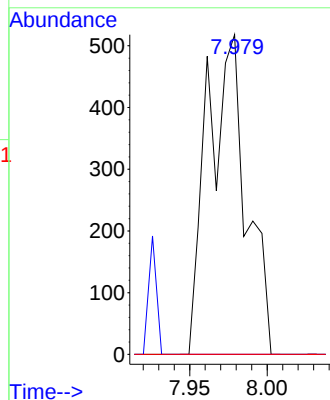
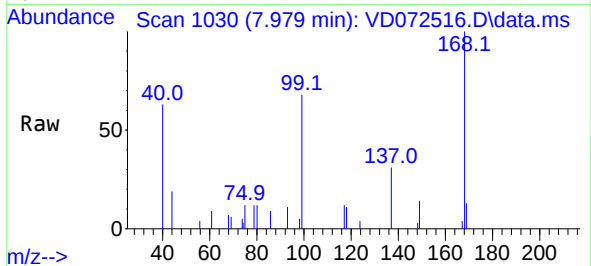




#36
1,1-Dichloropropene
Concen: 5.196 ug/l
RT: 7.979 min Scan# 1052
Delta R.T. -0.129 min
Lab File: VD072516.D
Acq: 04 Apr 2022 14:02

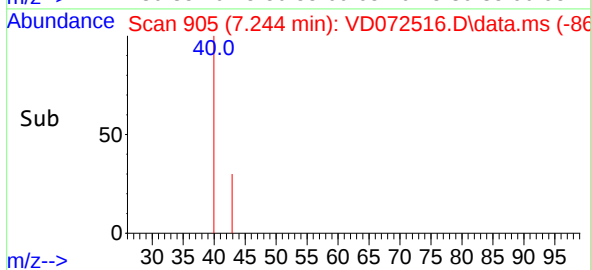
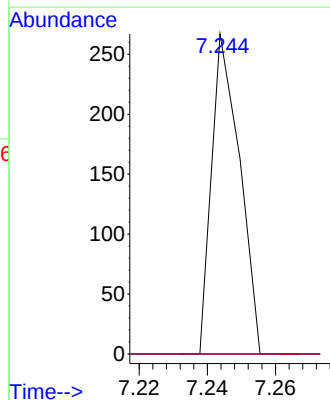
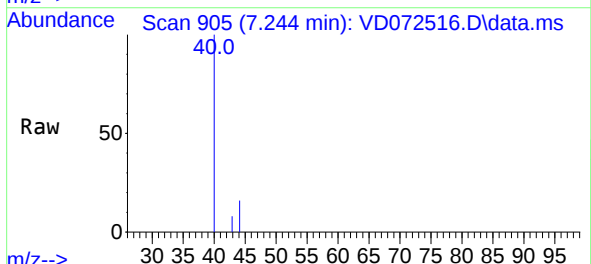
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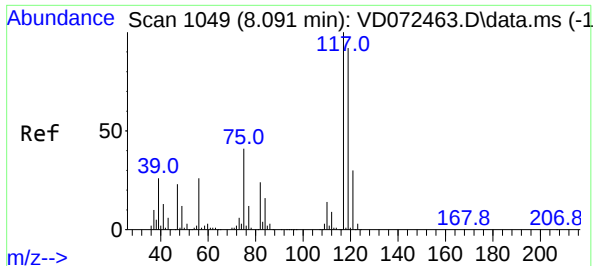
Tgt Ion: 75 Resp: 899
Ion Ratio Lower Upper
75 100
110 0.0 16.4 49.1#
77 0.0 24.2 36.2#



#37
Ethyl Acetate
Concen: 1.699 ug/l
RT: 7.244 min Scan# 905
Delta R.T. -0.047 min
Lab File: VD072516.D
Acq: 04 Apr 2022 14:02

Tgt Ion: 43 Resp: 152
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8#
70 0.0 6.9 10.3#

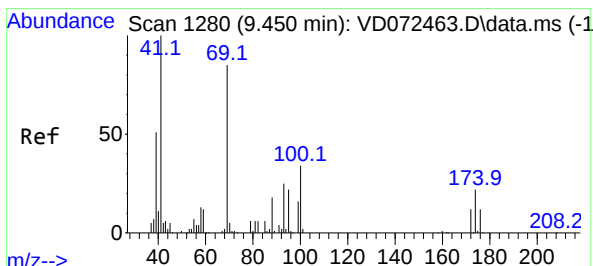
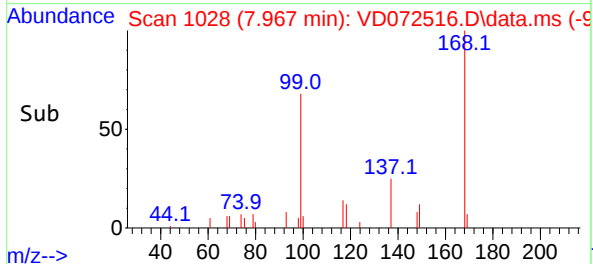
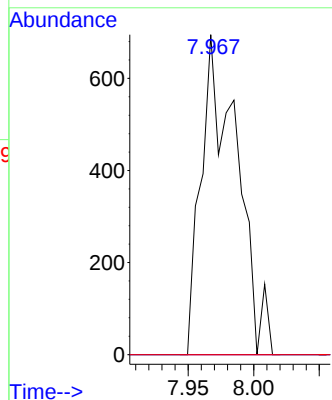
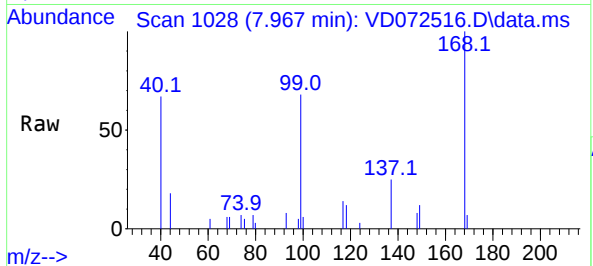




#38
Carbon Tetrachloride
Concen: 5.630 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.124 min
Lab File: VD072516.D
Acq: 04 Apr 2022 14:02

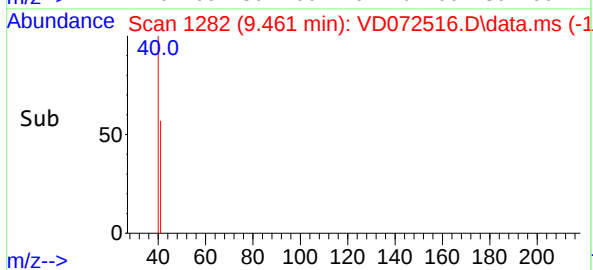
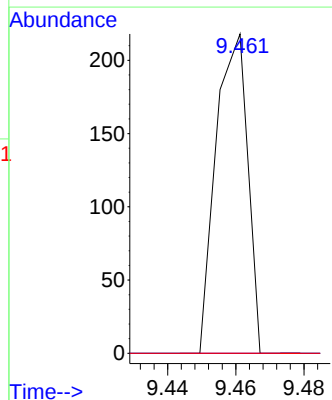
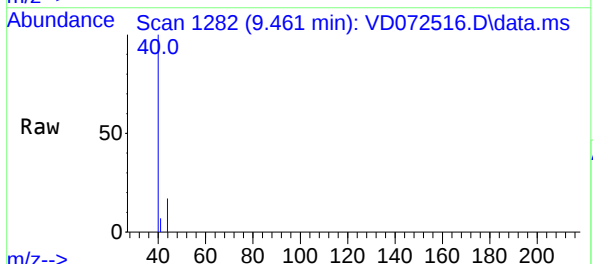
Instrument :
MSVOA_D
ClientSampleId :
SOIL-DRUM

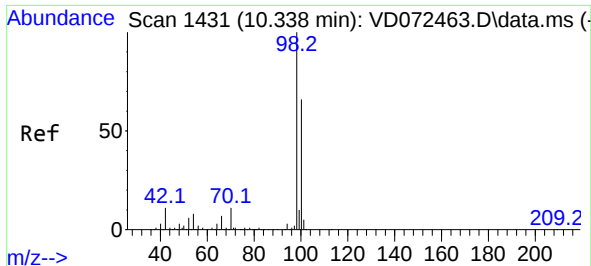
Tgt Ion:117 Resp: 1310
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#48
Methyl methacrylate
Concen: 1.680 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.012 min
Lab File: VD072516.D
Acq: 04 Apr 2022 14:02

Tgt Ion: 41 Resp: 140
Ion Ratio Lower Upper
41 100
69 0.0 56.7 85.1#
39 0.0 42.7 64.1#

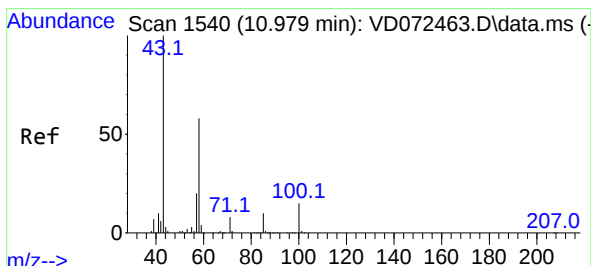
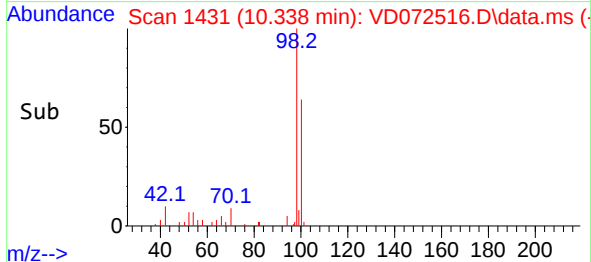
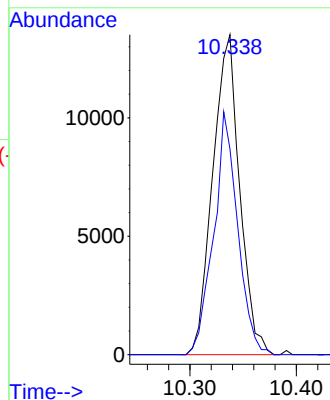
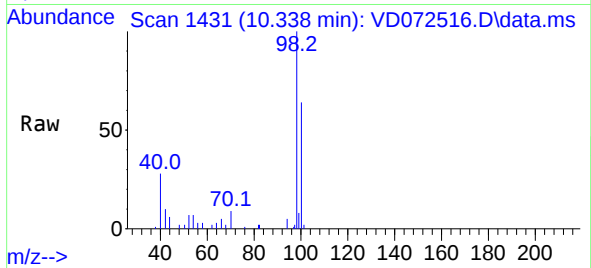




#50
Toluene-d8
Concen: 40.435 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD072516.D
Acq: 04 Apr 2022 14:02

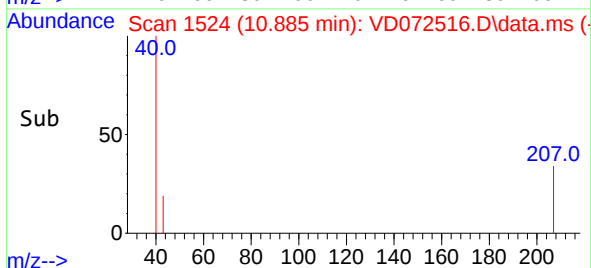
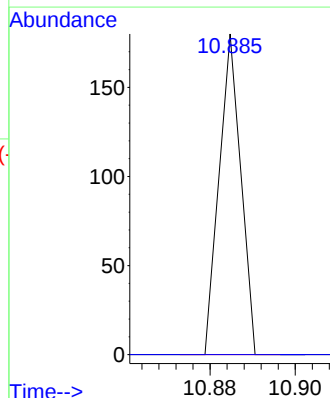
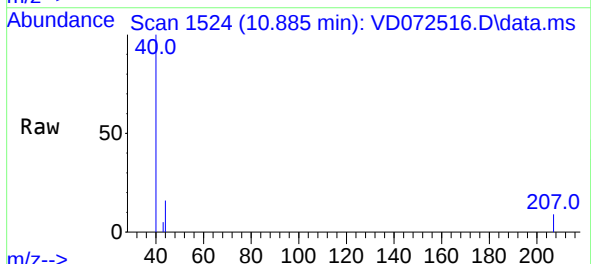
Instrument :
MSVOA_D
ClientSampleId :
SOIL-DRUM

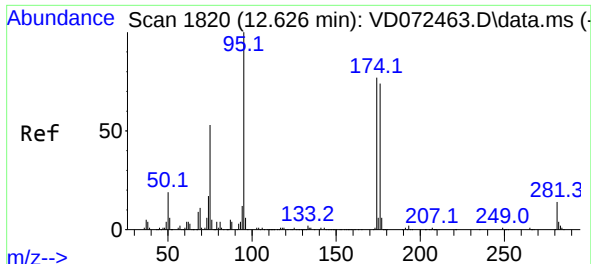
Tgt Ion: 98 Resp: 23738
Ion Ratio Lower Upper
98 100
100 67.7 52.4 78.6



#59
2-Hexanone
Concen: 1.022 ug/l
RT: 10.885 min Scan# 1524
Delta R.T. -0.094 min
Lab File: VD072516.D
Acq: 04 Apr 2022 14:02

Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#

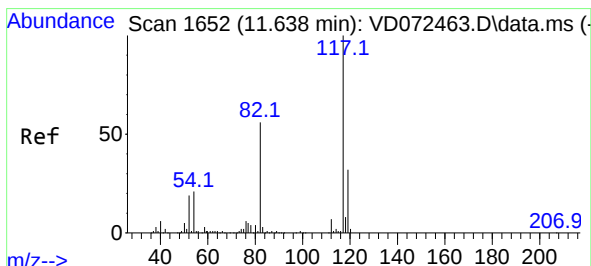
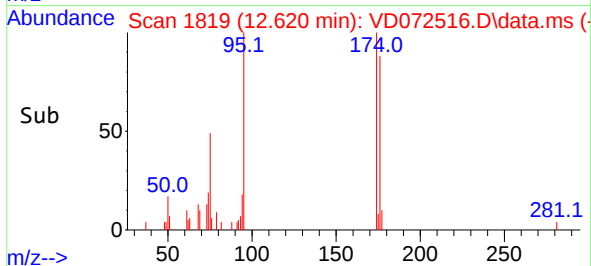
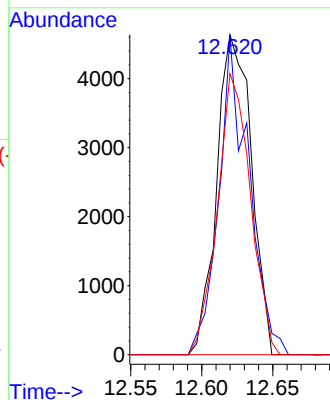
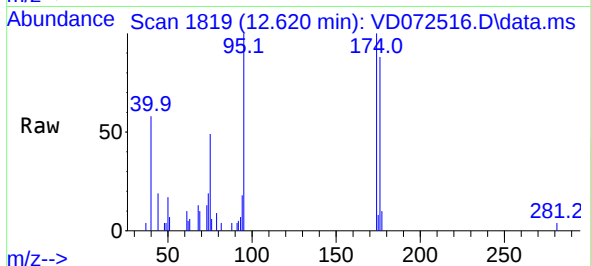




#62
4-Bromofluorobenzene
Concen: 34.295 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072516.D
Acq: 04 Apr 2022 14:02

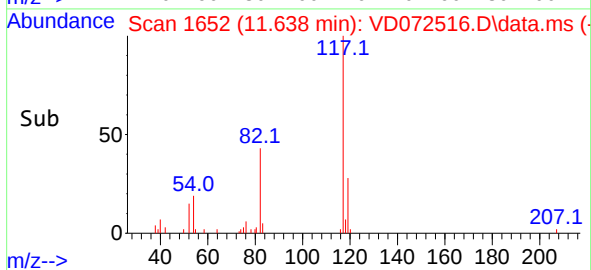
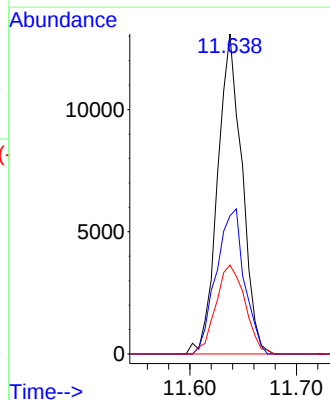
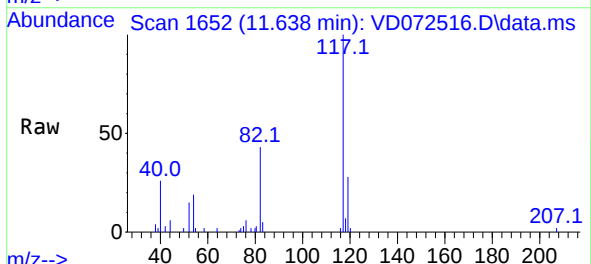
Instrument :
MSVOA_D
ClientSampleId :
SOIL-DRUM

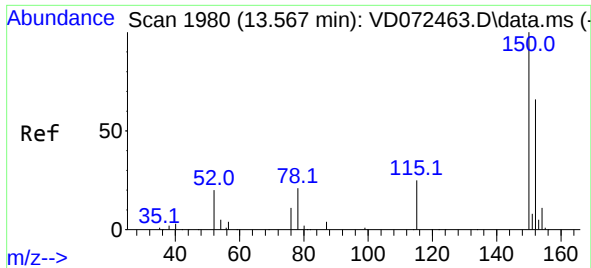
Tgt Ion: 95 Resp: 7863
Ion Ratio Lower Upper
95 100
174 86.1 0.0 152.8
176 83.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072516.D
Acq: 04 Apr 2022 14:02

Tgt Ion: 117 Resp: 20837
Ion Ratio Lower Upper
117 100
82 43.1 45.3 67.9#
119 27.8 26.6 40.0

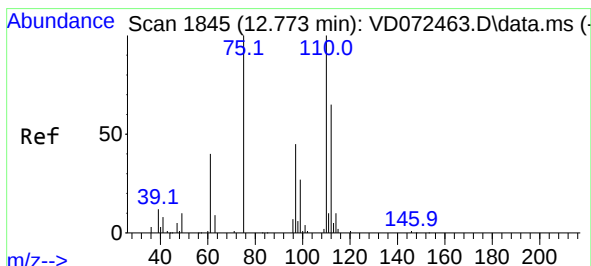
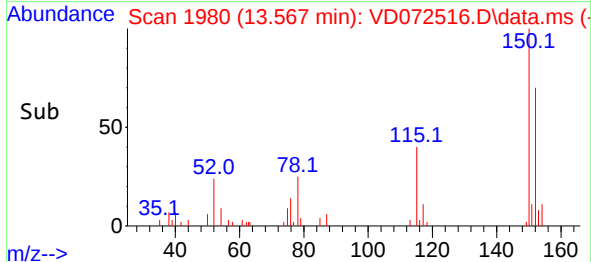
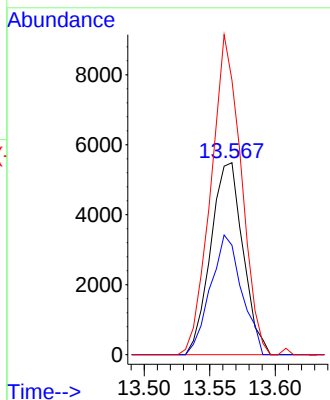
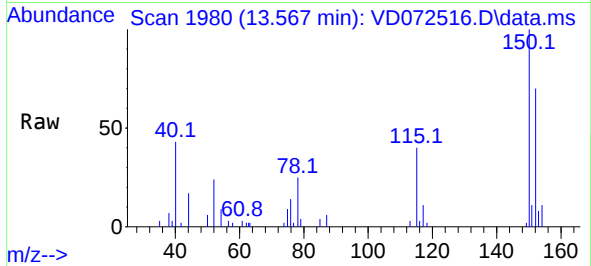




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072516.D
Acq: 04 Apr 2022 14:02

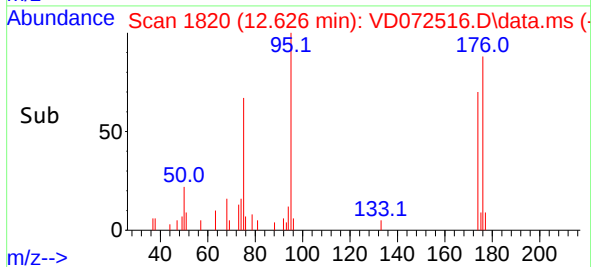
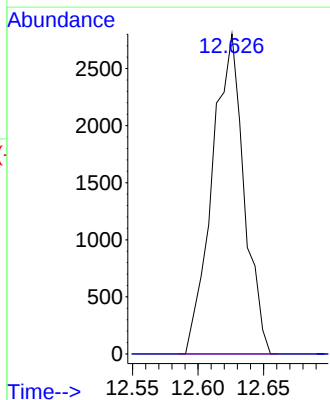
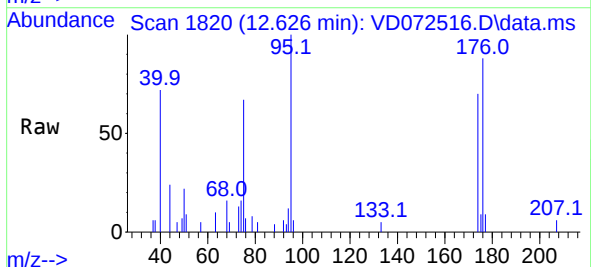
Instrument :
MSVOA_D
ClientSampleId :
SOIL-DRUM

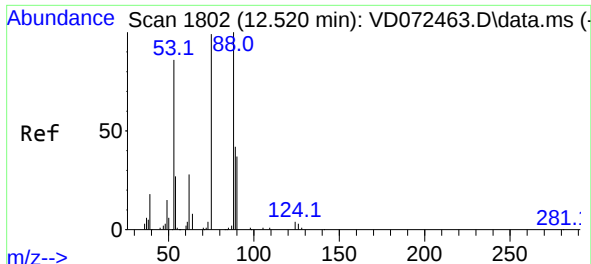
Tgt Ion:152 Resp: 9415
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 155.8 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 46.043 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072516.D
Acq: 04 Apr 2022 14:02

Tgt Ion: 75 Resp: 4728
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

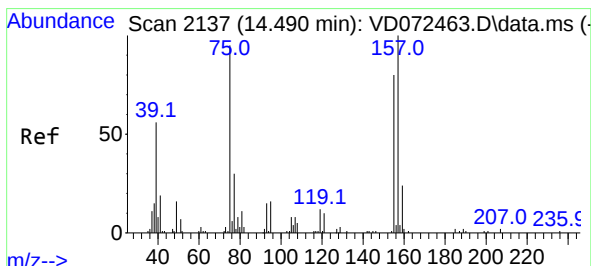
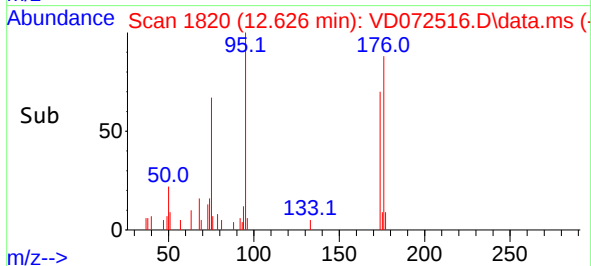
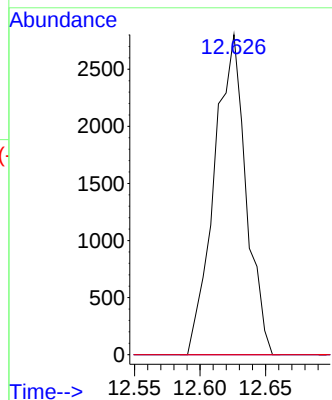
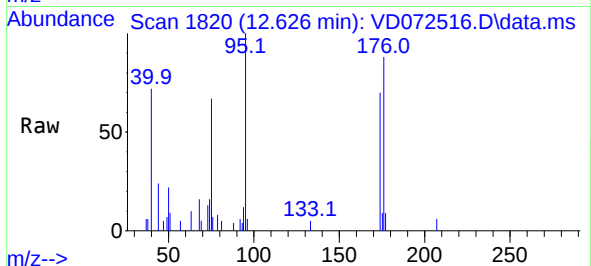




#81
trans-1,4-Dichloro-2-butene
Concen: 112.982 ug/l
RT: 12.626 min Scan# 1116
Delta R.T. 0.106 min
Lab File: VD072516.D
Acq: 04 Apr 2022 14:02

Instrument :
MSVOA_D
ClientSampleId :
SOIL-DRUM

Tgt Ion: 75 Resp: 4728
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.099 ug/l
RT: 14.367 min Scan# 2116
Delta R.T. -0.124 min
Lab File: VD072516.D
Acq: 04 Apr 2022 14:02

Tgt Ion: 75 Resp: 66
Ion Ratio Lower Upper
75 100
155 0.0 36.8 110.3#
157 0.0 48.4 145.0#

