

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031921\
 Data File : VD068671.D
 Acq On : 19 Mar 2021 19:38
 Operator : VA/SY
 Sample : M1458-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

Quant Time: Mar 20 02:37:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:37:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	298462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	530814	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	491094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	222875	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	163699	54.39	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.78%	
35) Dibromofluoromethane	7.914	113	176289	53.38	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.76%	
50) Toluene-d8	10.338	98	677614	53.22	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.44%	
62) 4-Bromofluorobenzene	12.632	95	208762	50.57	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.14%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.991	85	7482	3.21	ug/l 100
3) Chloromethane	2.209	50	9487	3.30	ug/l 99
4) Vinyl Chloride	2.350	62	10719	3.15	ug/l 100
5) Bromomethane	2.773	94	9294	3.70	ug/l 97
6) Chloroethane	2.932	64	6433	2.89	ug/l # 81
7) Trichlorofluoromethane	3.279	101	12424	3.07	ug/l 92
8) Diethyl Ether	3.703	74	3433	3.07	ug/l 96
9) 1,1,2-Trichlorotrifluo...	4.109	101	7175	2.96	ug/l 95
10) Methyl Iodide	4.297	142	6070	2.43	ug/l 98
11) Tert butyl alcohol	5.273	59	260	1.87	ug/l # 73
12) 1,1-Dichloroethene	4.073	96	7421	3.15	ug/l 90
13) Acrolein	3.920	56	1197	9.45	ug/l # 17
14) Allyl chloride	4.715	41	8057	2.81	ug/l 99
15) Acrylonitrile	5.438	53	7298	13.39	ug/l # 88
16) Acetone	4.162	43	5302	14.52	ug/l # 80
17) Carbon Disulfide	4.409	76	23156	3.06	ug/l 100
18) Methyl Acetate	4.726	43	3079	3.07	ug/l # 57
19) Methyl tert-butyl Ether	5.479	73	15890	2.67	ug/l # 90
20) Methylene Chloride	4.973	84	31216	7.86	ug/l 90
21) trans-1,2-Dichloroethene	5.485	96	10056	3.07	ug/l 91
22) Diisopropyl ether	6.362	45	18444	2.53	ug/l # 84
23) Vinyl Acetate	6.309	43	44697	11.55	ug/l # 92
24) 1,1-Dichloroethane	6.267	63	16898	3.16	ug/l # 95
25) 2-Butanone	7.214	43	7986	13.20	ug/l # 75
26) 2,2-Dichloropropane	7.209	77	11866	2.50	ug/l 94
27) cis-1,2-Dichloroethene	7.209	96	10320	2.82	ug/l 96
28) Bromochloromethane	7.550	49	5588	2.65	ug/l # 95
29) Tetrahydrofuran	7.567	42	4790	12.53	ug/l 97
30) Chloroform	7.709	83	17091	2.94	ug/l 92
31) Cyclohexane	7.985	56	18755	3.86	ug/l # 81
32) 1,1,1-Trichloroethane	7.903	97	16963	3.27	ug/l 96
36) 1,1-Dichloropropene	8.120	75	14114	2.98	ug/l 98
37) Ethyl Acetate	7.303	43	2963	1.98	ug/l # 91
38) Carbon Tetrachloride	8.103	117	13610	2.88	ug/l 88
39) Methylcyclohexane	9.355	83	15909	2.72	ug/l # 82
40) Benzene	8.350	78	41140	2.97	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	1982	2.26	ug/l #	84
42) 1,2-Dichloroethane	8.432	62	10273	2.84	ug/l	100
43) Isopropyl Acetate	8.450	43	7912	2.76	ug/l	98
44) Trichloroethene	9.120	130	11760	3.06	ug/l	88
45) 1,2-Dichloropropane	9.385	63	9974	3.01	ug/l #	71
46) Dibromomethane	9.473	93	4516	2.40	ug/l	86
47) Bromodichloromethane	9.661	83	13000	2.69	ug/l #	95
48) Methyl methacrylate	9.455	41	3456	2.38	ug/l #	86
49) 1,4-Dioxane	9.461	88	749	35.82	ug/l #	73
51) 4-Methyl-2-Pentanone	10.226	43	18429	12.34	ug/l	89
52) Toluene	10.408	92	25111	2.87	ug/l	98
53) t-1,3-Dichloropropene	10.626	75	11400	2.57	ug/l	97
54) cis-1,3-Dichloropropene	10.091	75	13744	2.61	ug/l	95
55) 1,1,2-Trichloroethane	10.802	97	7797	2.95	ug/l	95
56) Ethyl methacrylate	10.661	69	6226	2.18	ug/l	96
57) 1,3-Dichloropropane	10.944	76	12047	2.79	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	19593	13.45	ug/l	99
59) 2-Hexanone	10.985	43	11079	11.04	ug/l	96
60) Dibromochloromethane	11.144	129	8429	2.57	ug/l	96
61) 1,2-Dibromoethane	11.244	107	6687	2.62	ug/l	96
64) Tetrachloroethene	10.873	164	8872	2.79	ug/l	95
65) Chlorobenzene	11.667	112	27080	2.80	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	8840	2.54	ug/l	98
67) Ethyl Benzene	11.744	91	42591	2.53	ug/l	96
68) m/p-Xylenes	11.855	106	32166	4.90	ug/l	95
69) o-Xylene	12.179	106	14409	2.37	ug/l	100
70) Styrene	12.191	104	23984	2.29	ug/l	96
71) Bromoform	12.355	173	4335	2.36	ug/l #	88
73) Isopropylbenzene	12.479	105	38781	2.53	ug/l	97
74) N-amyl acetate	12.285	43	6409	2.51	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.732	83	7697	2.84	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	5819	3.14	ug/l #	100
77) Bromobenzene	12.761	156	10308	2.87	ug/l	99
78) n-propylbenzene	12.814	91	50086	2.75	ug/l	99
79) 2-Chlorotoluene	12.908	91	26997	2.71	ug/l	97
80) 1,3,5-Trimethylbenzene	12.961	105	30741	2.48	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.632	75	107868	132.30	ug/l #	16
82) 4-Chlorotoluene	13.002	91	27155	2.55	ug/l	97
83) tert-Butylbenzene	13.220	119	27180	2.58	ug/l	97
84) 1,2,4-Trimethylbenzene	13.267	105	31298	2.45	ug/l	95
85) sec-Butylbenzene	13.396	105	40278	2.62	ug/l	98
86) p-Isopropyltoluene	13.508	119	34333	2.46	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	20838	2.91	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	19932	2.83	ug/l	86
89) n-Butylbenzene	13.838	91	35760	2.70	ug/l	96
90) Hexachloroethane	14.102	117	7179	2.86	ug/l	99
91) 1,2-Dichlorobenzene	13.885	146	18236	3.00	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.508	75	1230	3.18	ug/l	75
93) 1,2,4-Trichlorobenzene	15.155	180	11255	2.85	ug/l	94
94) Hexachlorobutadiene	15.261	225	6358	2.82	ug/l	97
95) Naphthalene	15.396	128	17928	2.59	ug/l	97
96) 1,2,3-Trichlorobenzene	15.590	180	9941	2.95	ug/l	97

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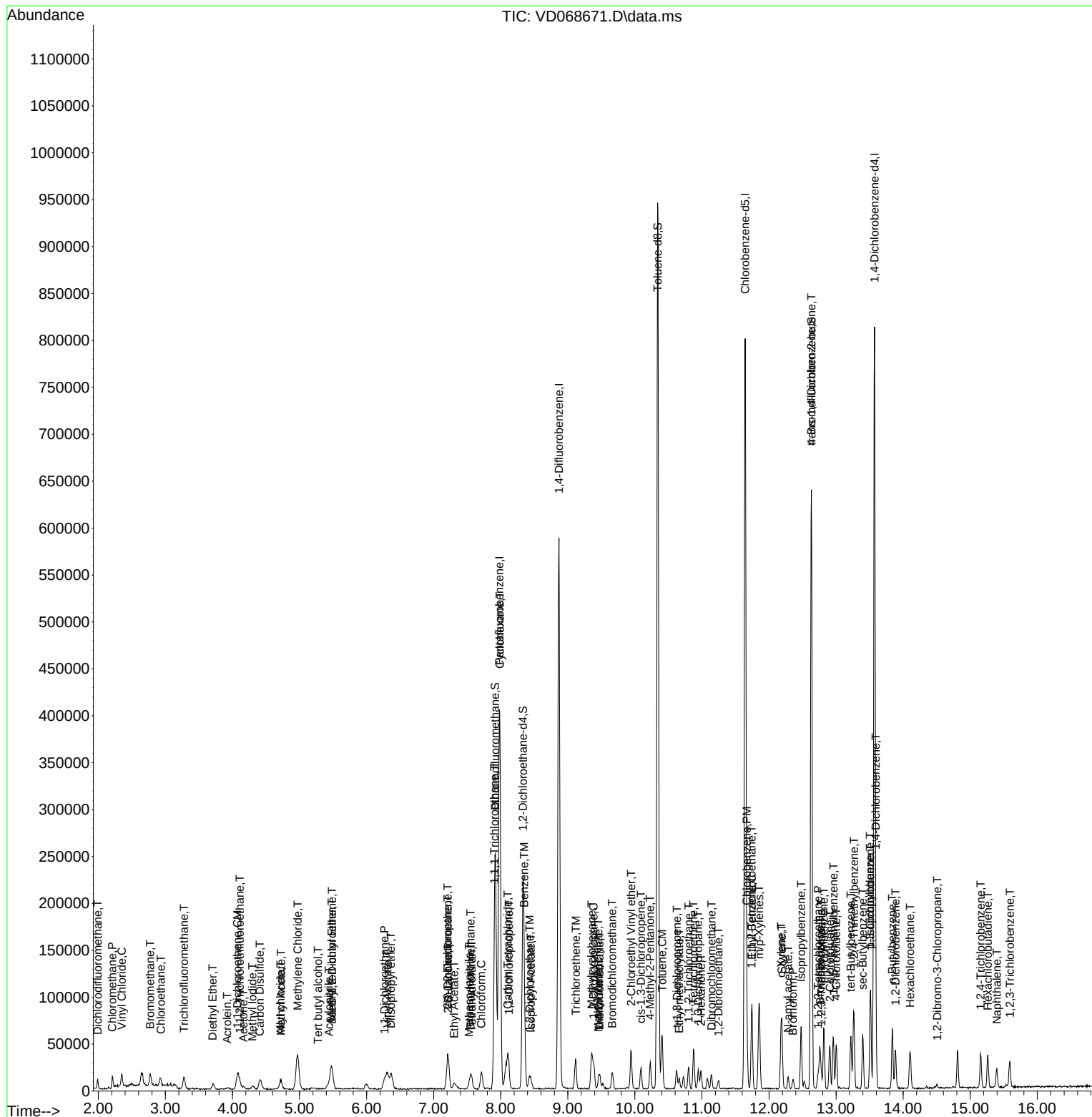
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT1-2021

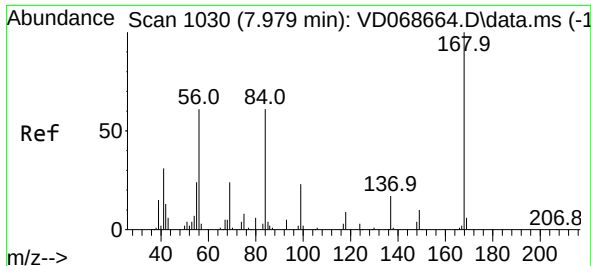
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Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:37:23 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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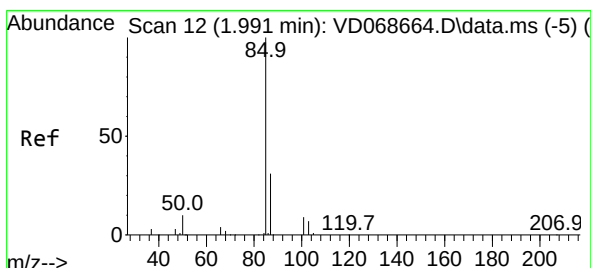
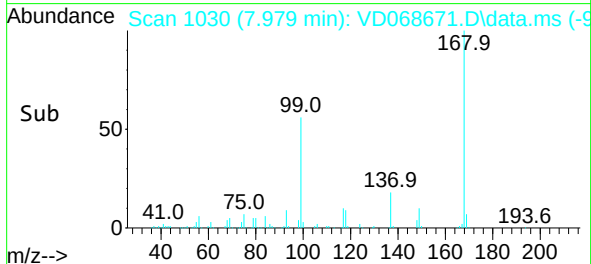
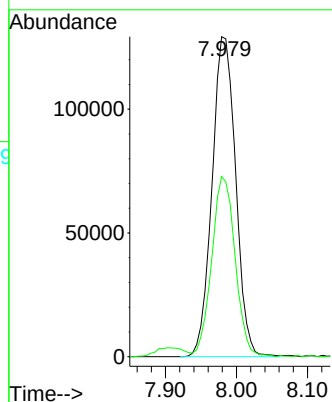
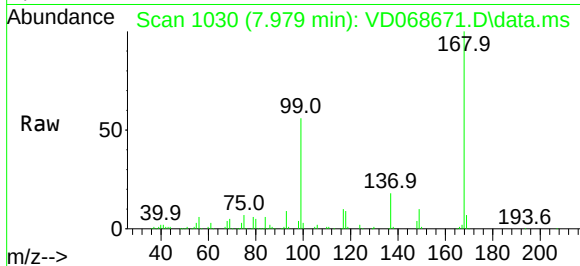




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068671.D
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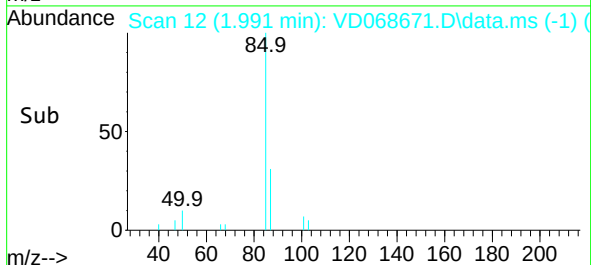
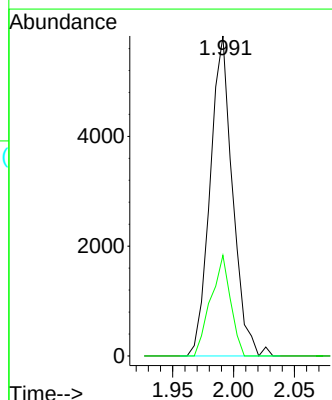
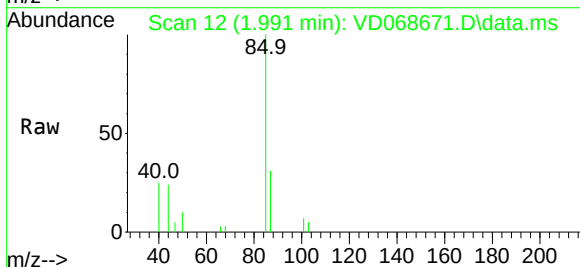
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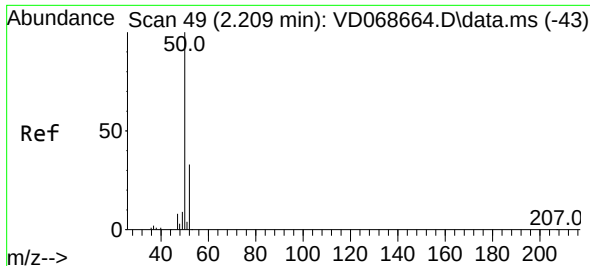
Tgt Ion:168 Resp: 298462
Ion Ratio Lower Upper
168 100
99 56.0 46.2 69.2



#2
Dichlorodifluoromethane
Concen: 3.21 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion: 85 Resp: 7482
Ion Ratio Lower Upper
85 100
87 31.5 15.7 47.0

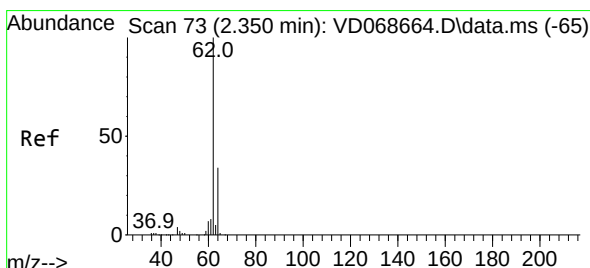
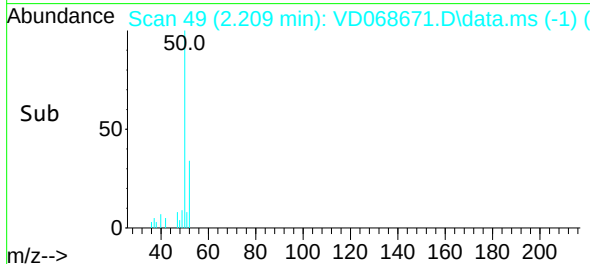
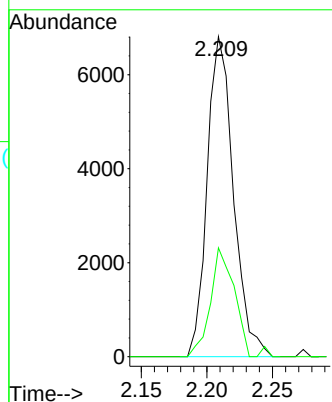
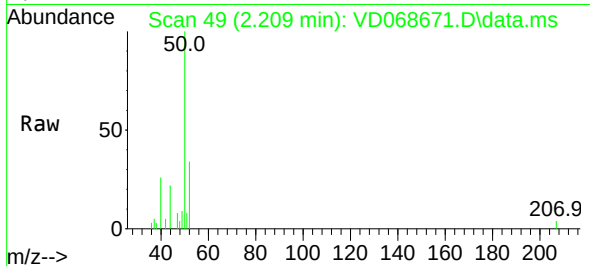




#3
Chloromethane
Concen: 3.30 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

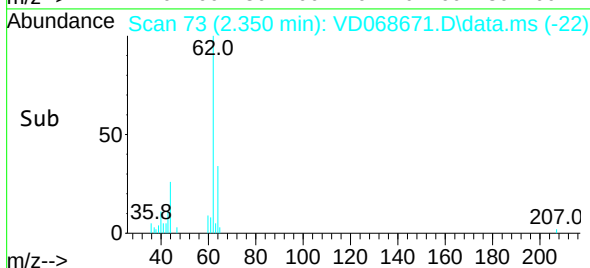
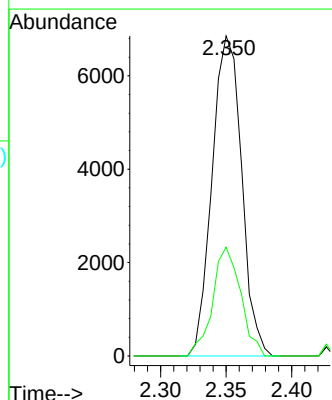
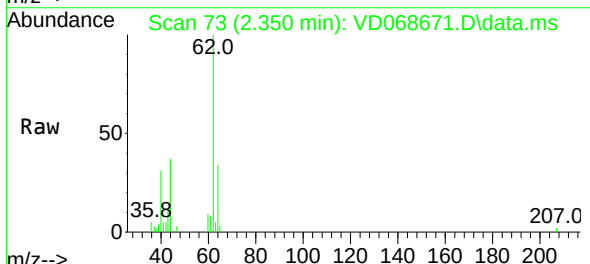
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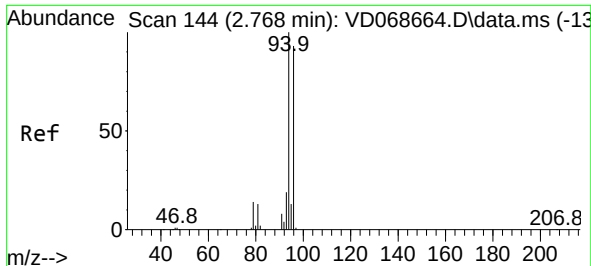
Tgt Ion: 50 Resp: 9487
Ion Ratio Lower Upper
50 100
52 34.0 26.7 40.1



#4
Vinyl Chloride
Concen: 3.15 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion: 62 Resp: 10719
Ion Ratio Lower Upper
62 100
64 34.0 27.1 40.7

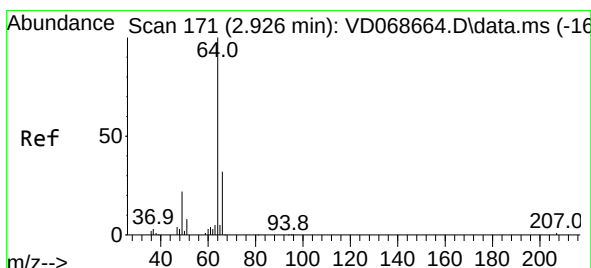
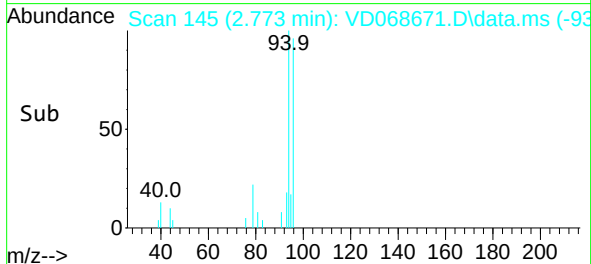
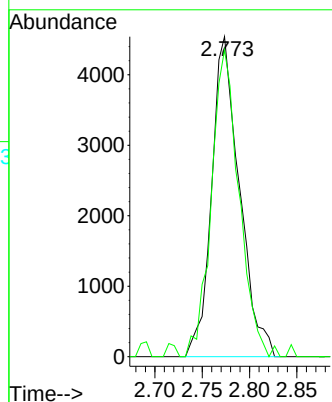
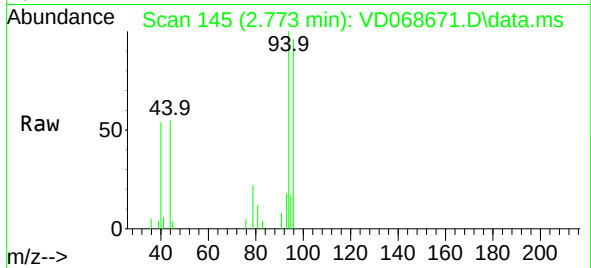




#5
Bromomethane
Concen: 3.70 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

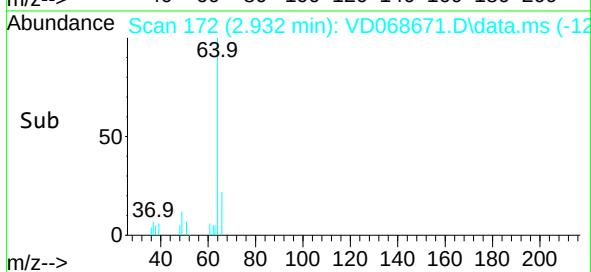
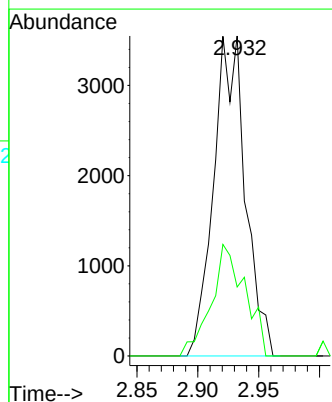
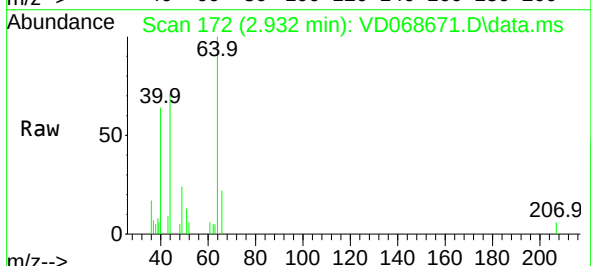
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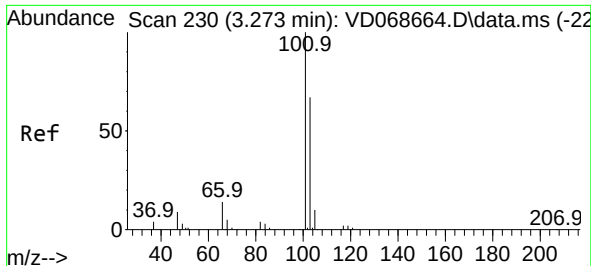
Tgt Ion: 94 Resp: 9294
Ion Ratio Lower Upper
94 100
96 95.9 74.7 112.1



#6
Chloroethane
Concen: 2.89 ug/l
RT: 2.932 min Scan# 172
Delta R.T. 0.006 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion: 64 Resp: 6433
Ion Ratio Lower Upper
64 100
66 21.6 26.0 39.0#

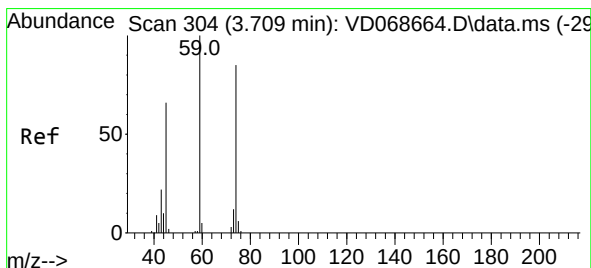
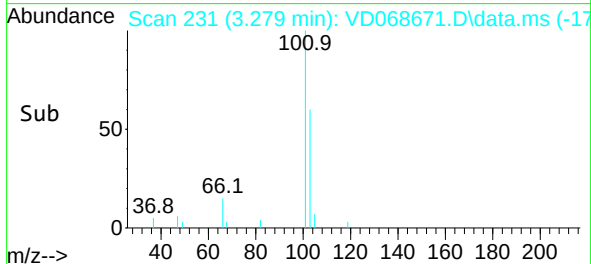
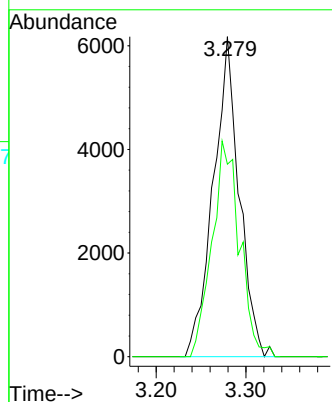
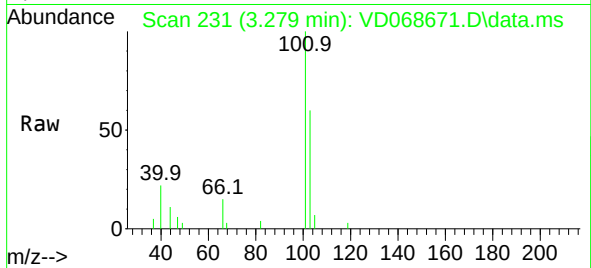




#7
Trichlorofluoromethane
Concen: 3.07 ug/l
RT: 3.279 min Scan# 231
Delta R.T. 0.006 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

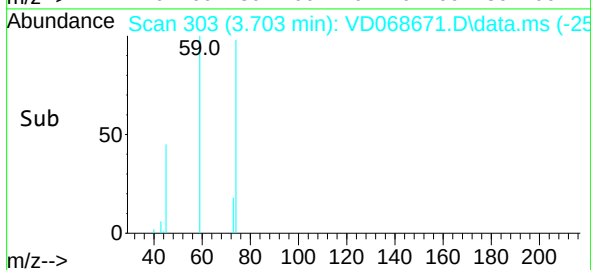
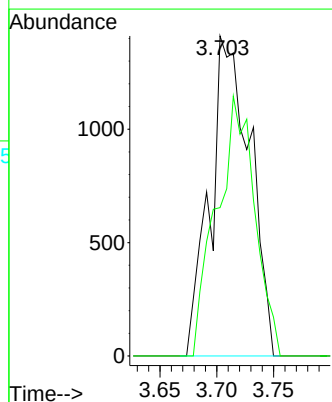
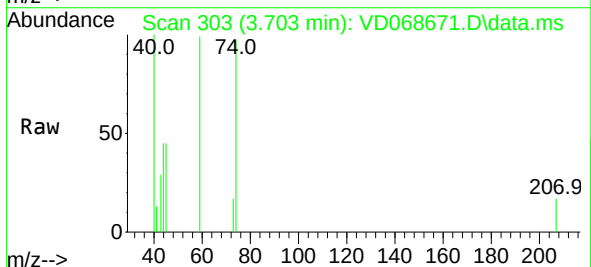
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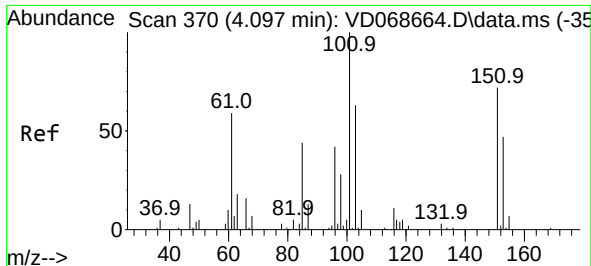
Tgt Ion:101 Resp: 12424
Ion Ratio Lower Upper
101 100
103 60.1 53.4 80.2



#8
Diethyl Ether
Concen: 3.07 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.006 min
Lab File: VD068671.D
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Tgt Ion: 74 Resp: 3433
Ion Ratio Lower Upper
74 100
45 77.9 40.5 121.5

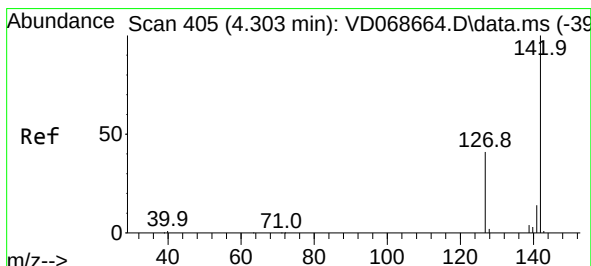
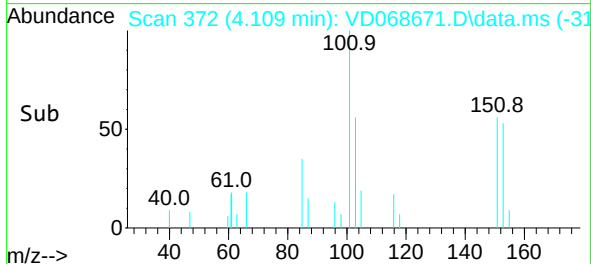
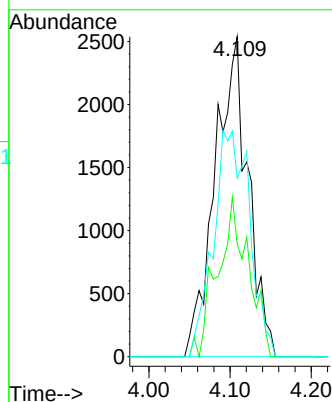
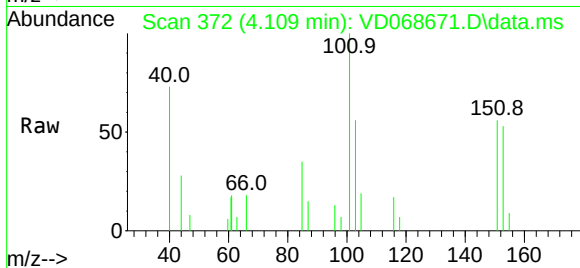




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.96 ug/l
RT: 4.109 min Scan# 372
Delta R.T. 0.012 min
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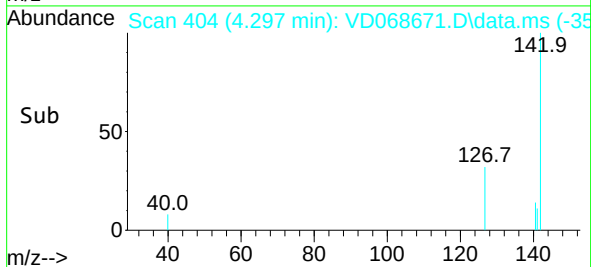
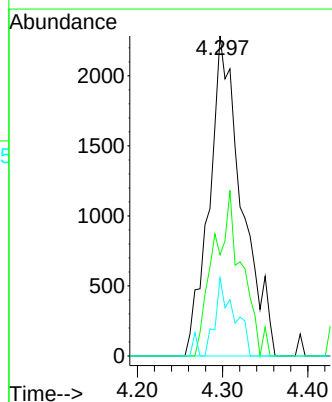
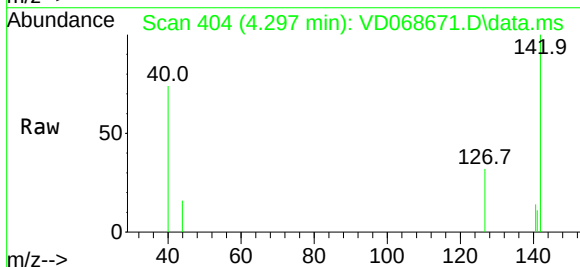
Instrument :
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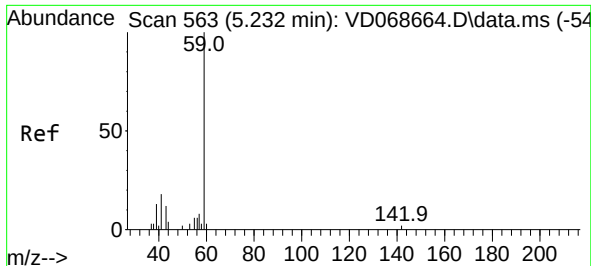
Tgt Ion:	101	Resp:	7175
Ion	Ratio	Lower	Upper
101	100		
85	46.7	33.8	50.6
151	78.0	59.4	89.2



#10
Methyl Iodide
Concen: 2.43 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion:	142	Resp:	6070
Ion	Ratio	Lower	Upper
142	100		
127	44.7	34.7	52.1
141	14.2	11.0	16.4



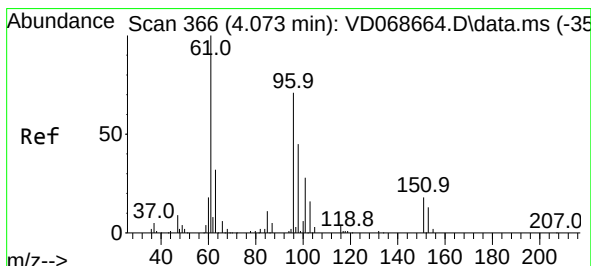
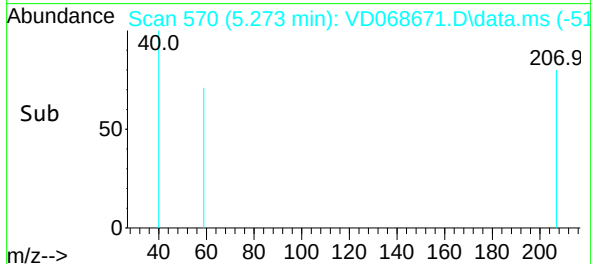
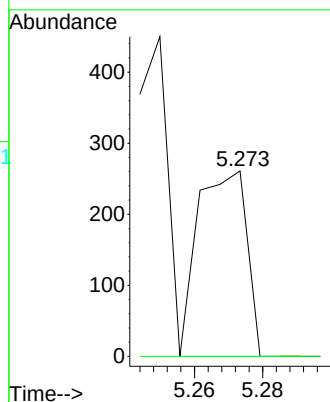
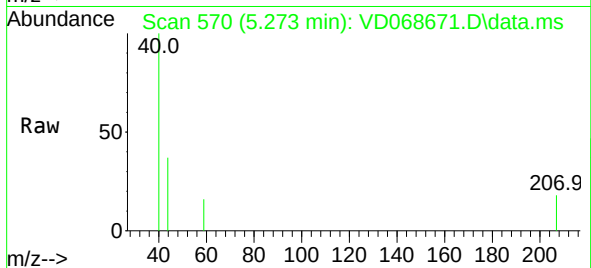


#11

Tert butyl alcohol
Concen: 1.87 ug/l
RT: 5.273 min Scan# 570
Delta R.T. 0.041 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

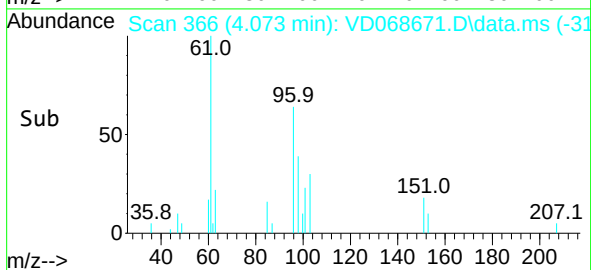
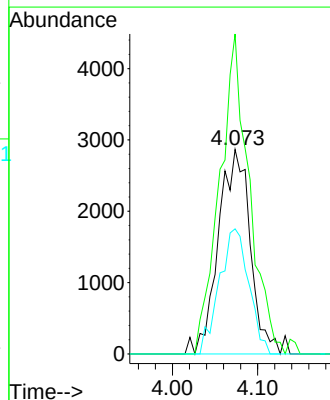
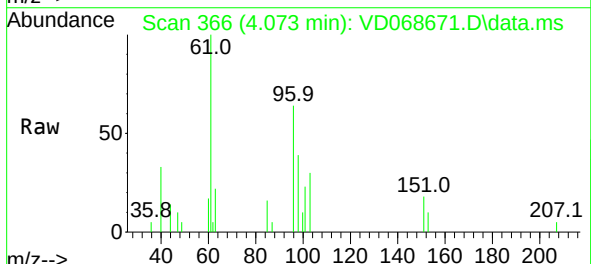
Tgt Ion: 59 Resp: 260
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

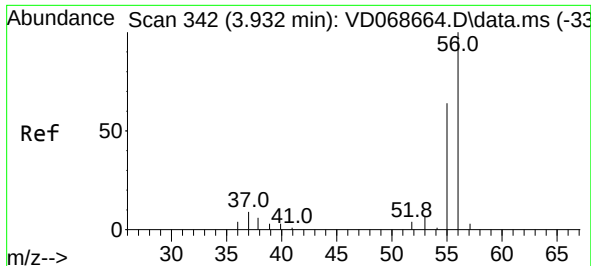


#12

1,1-Dichloroethene
Concen: 3.15 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

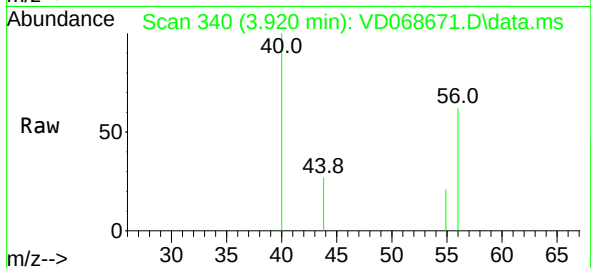
Tgt Ion: 96 Resp: 7421
Ion Ratio Lower Upper
96 100
61 156.5 112.2 168.2
98 61.1 50.2 75.2



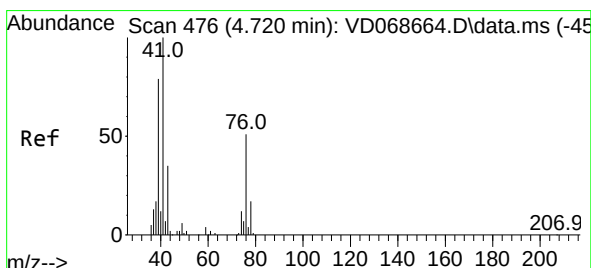
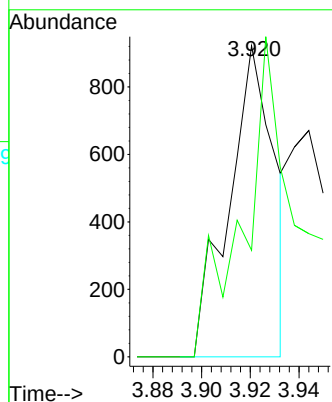
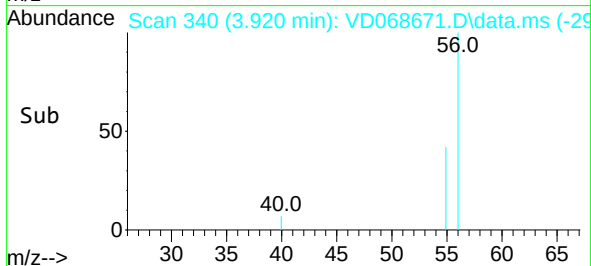


#13
Acrolein
Concen: 9.45 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.012 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

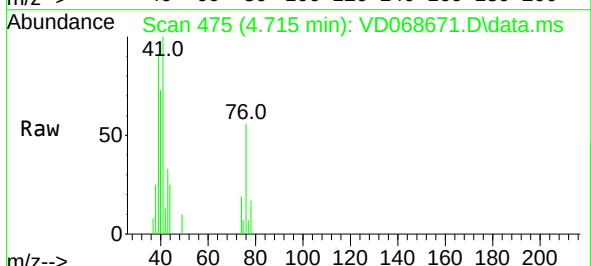
Instrument :
MSVOA_D
ClientSampleId :
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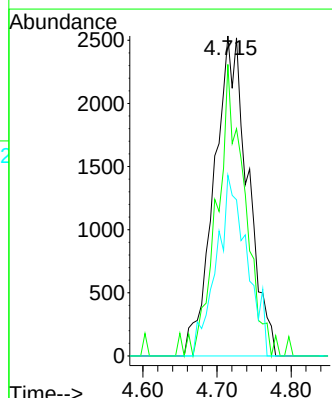
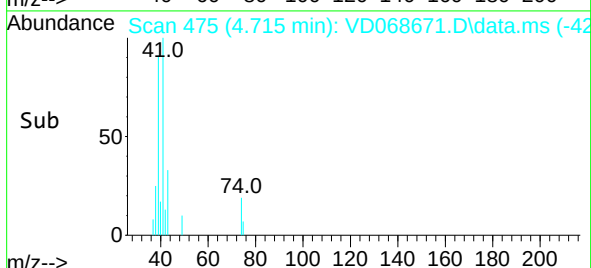
Tgt Ion: 56 Resp: 1197
Ion Ratio Lower Upper
56 100
55 135.6 54.7 82.1#

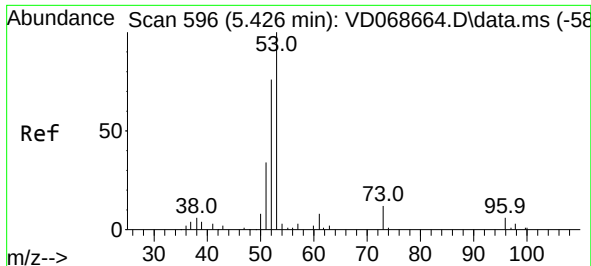


#14
Allyl chloride
Concen: 2.81 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38



Tgt Ion: 41 Resp: 8057
Ion Ratio Lower Upper
41 100
39 74.1 60.6 91.0
76 50.8 40.4 60.6

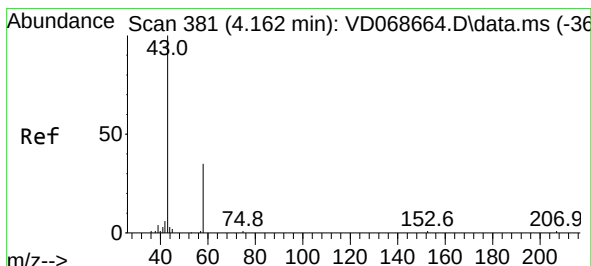
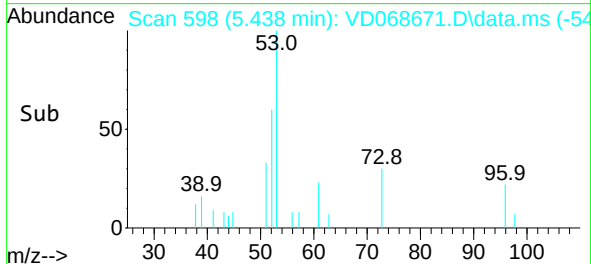
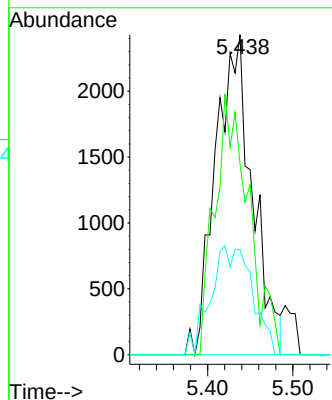
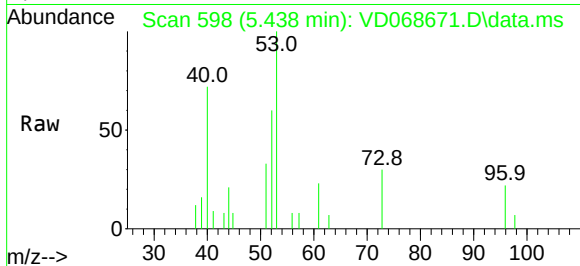




#15
Acrylonitrile
Concen: 13.39 ug/l
RT: 5.438 min Scan# 598
Delta R.T. 0.012 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

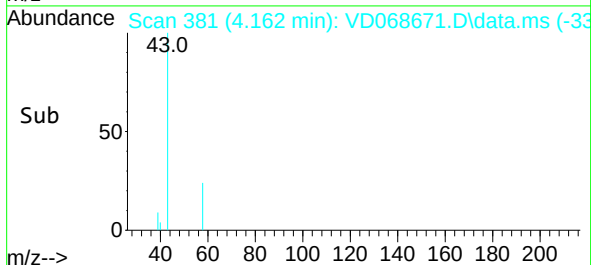
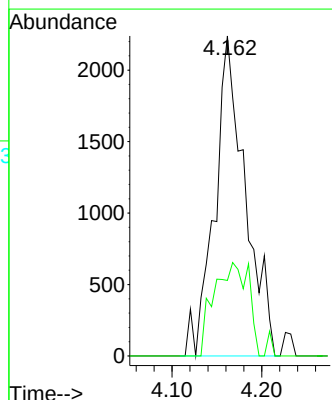
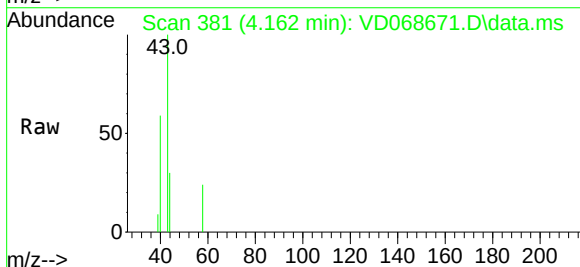
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

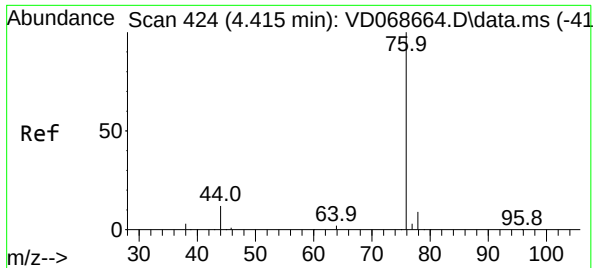
Tgt Ion: 53	Resp: 7298
Ion Ratio	Lower Upper
53 100	
52 75.0	63.3 94.9
51 19.6	28.3 42.5#



#16
Acetone
Concen: 14.52 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion: 43	Resp: 5302
Ion Ratio	Lower Upper
43 100	
58 23.6	28.0 42.0#

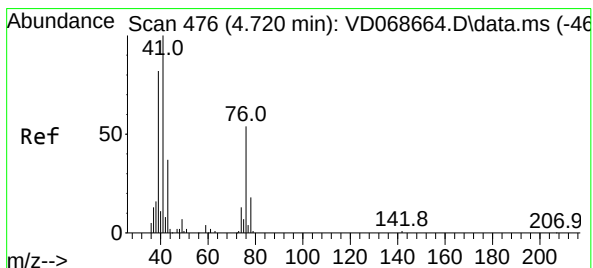
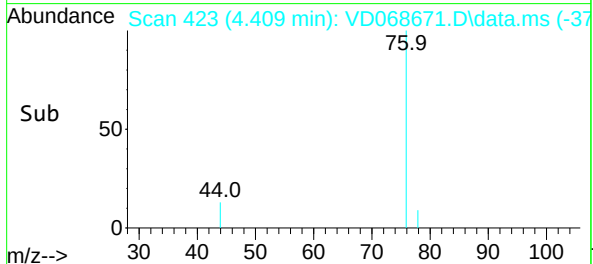
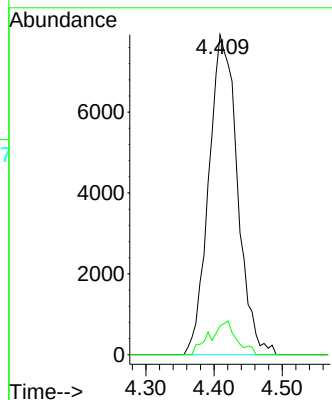
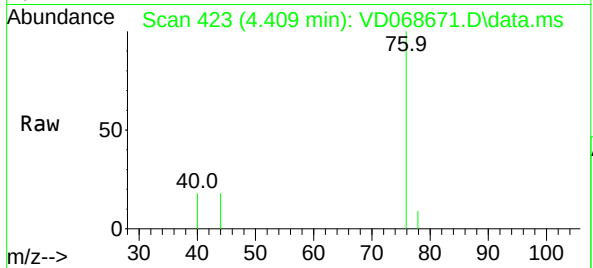




#17
Carbon Disulfide
Concen: 3.06 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

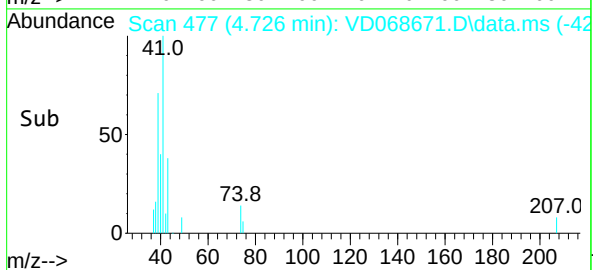
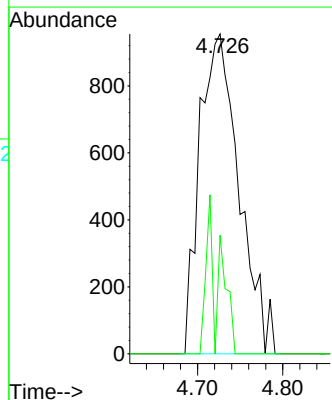
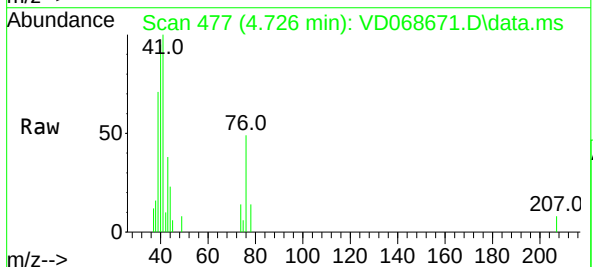
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

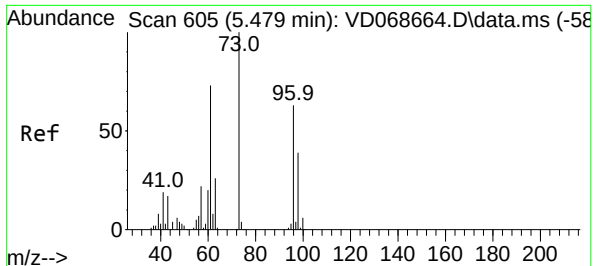
Tgt Ion: 76 Resp: 23156
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 3.07 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion: 43 Resp: 3079
Ion Ratio Lower Upper
43 100
74 7.9 25.4 38.2#

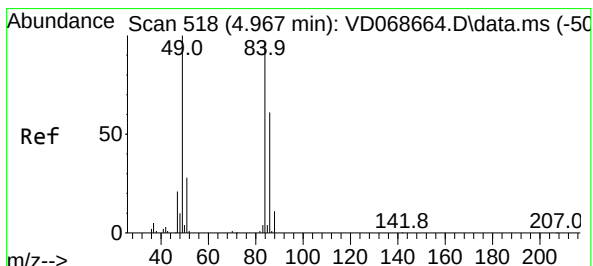
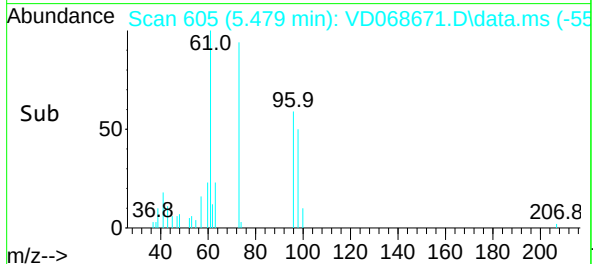
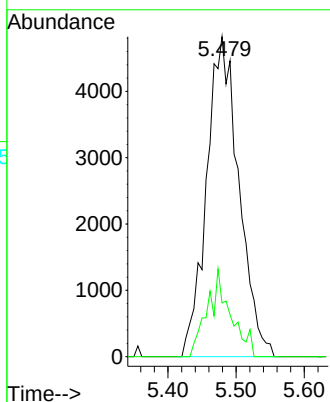
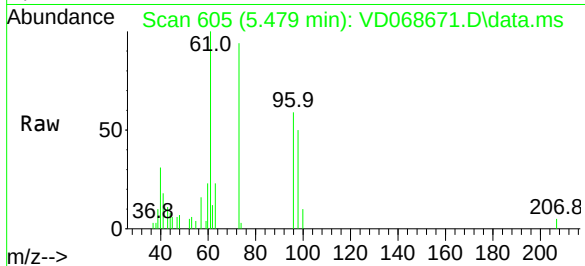




#19
Methyl tert-butyl Ether
Concen: 2.67 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

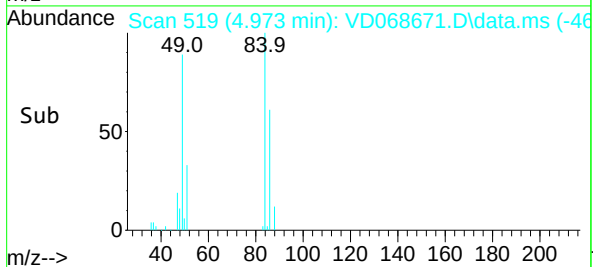
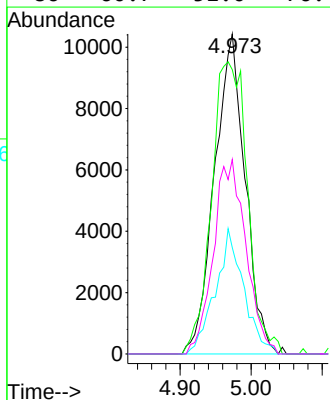
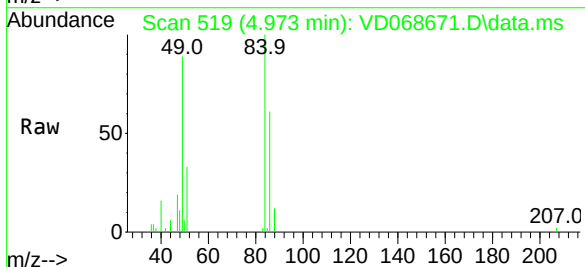
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

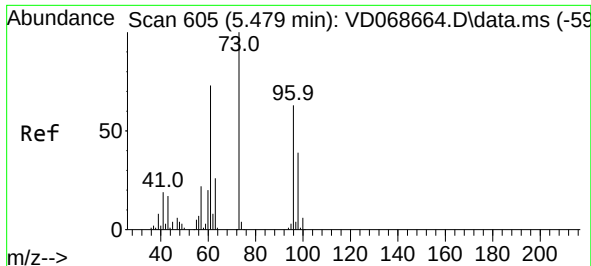
Tgt Ion: 73 Resp: 15890
Ion Ratio Lower Upper
73 100
57 16.8 17.3 25.9#



#20
Methylene Chloride
Concen: 7.86 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion: 84 Resp: 31216
Ion Ratio Lower Upper
84 100
49 88.8 83.4 125.0
51 33.2 23.4 35.2
86 60.7 51.0 76.4

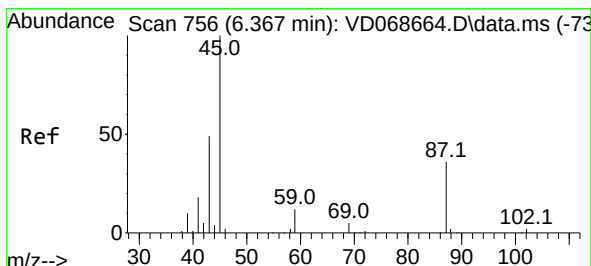
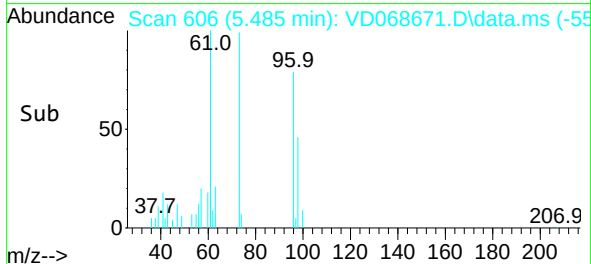
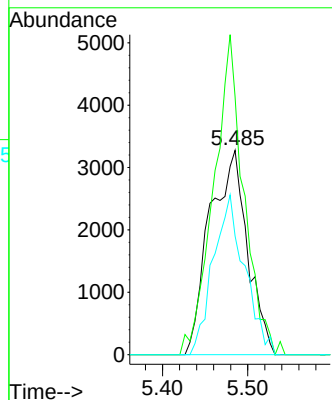
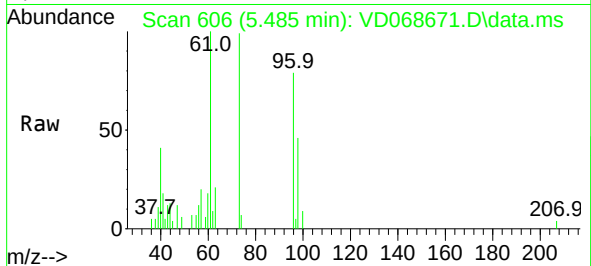




#21
trans-1,2-Dichloroethene
Concen: 3.07 ug/l
RT: 5.485 min Scan# 606
Delta R.T. 0.006 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

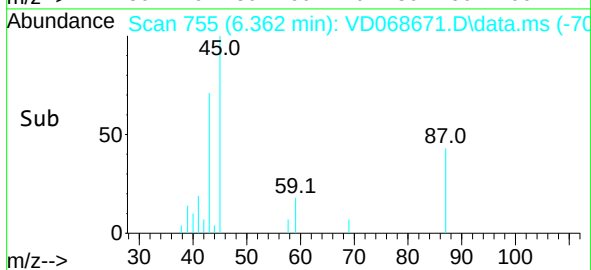
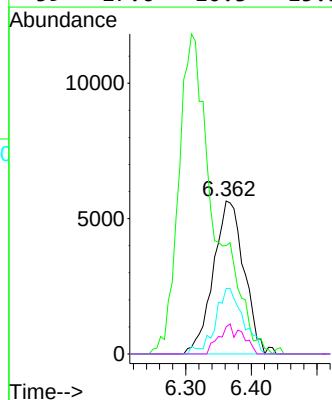
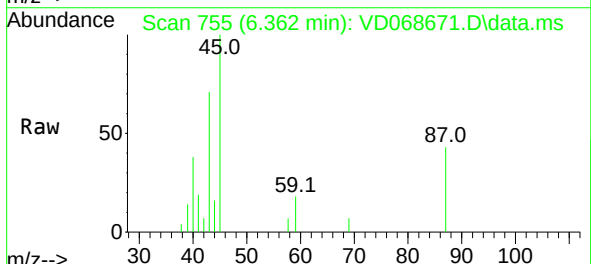
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

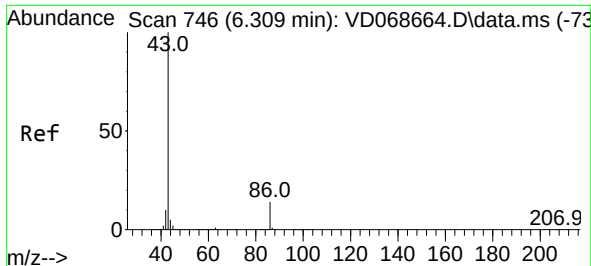
Tgt Ion:	96	Resp:	10056
Ion	Ratio	Lower	Upper
96	100		
61	126.3	91.8	137.6
98	58.1	49.3	73.9



#22
Diisopropyl ether
Concen: 2.53 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion:	45	Resp:	18444
Ion	Ratio	Lower	Upper
45	100		
43	66.7	41.8	62.8#
87	42.8	29.2	43.8
59	17.6	10.3	15.5#

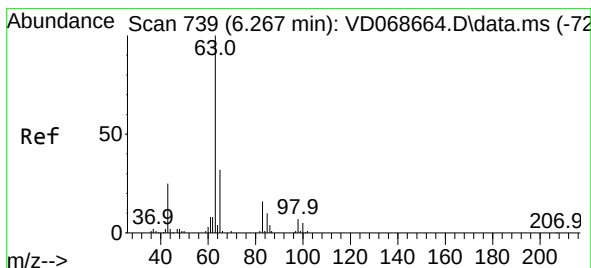
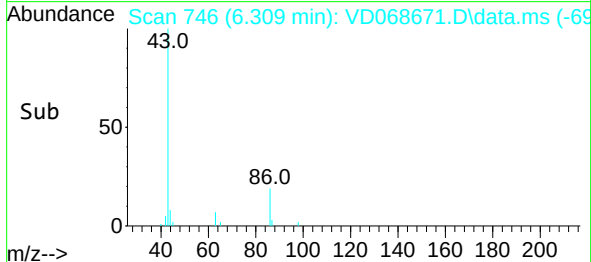
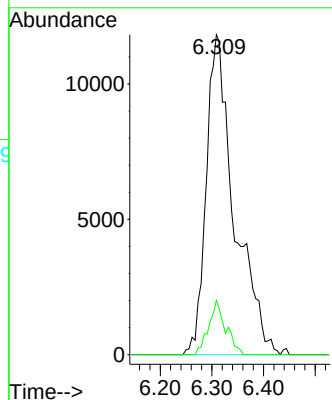
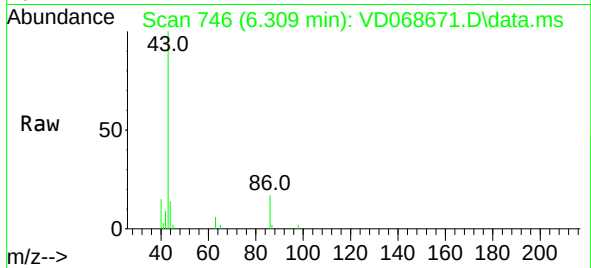




#23
 Vinyl Acetate
 Concen: 11.55 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD068671.D
 Acq: 19 Mar 2021 19:38

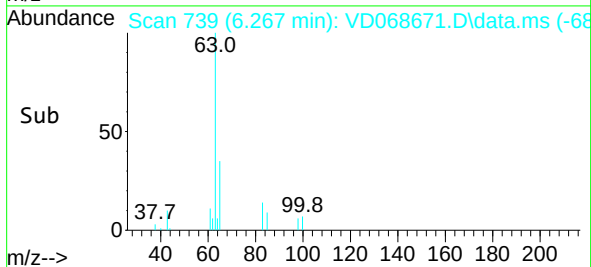
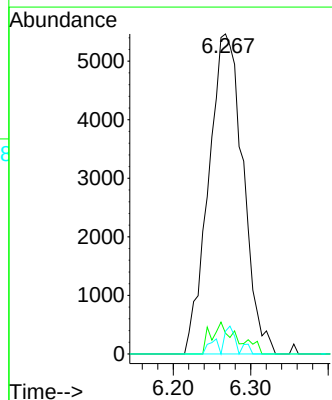
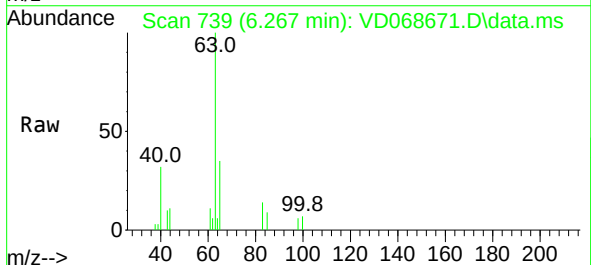
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

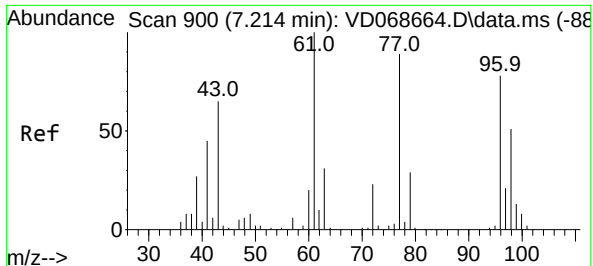
Tgt Ion: 43 Resp: 44697
 Ion Ratio Lower Upper
 43 100
 86 17.0 11.0 16.6#



#24
 1,1-Dichloroethane
 Concen: 3.16 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: VD068671.D
 Acq: 19 Mar 2021 19:38

Tgt Ion: 63 Resp: 16898
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.2
 100 7.1 2.3 6.9#





#25

2-Butanone

Concen: 13.20 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.000 min

Lab File: VD068671.D

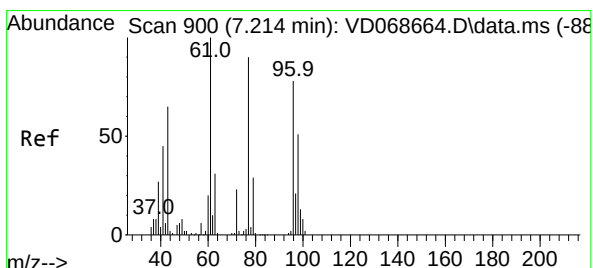
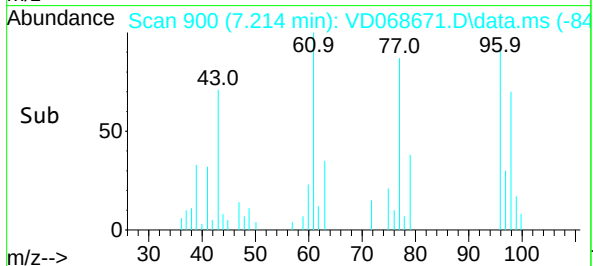
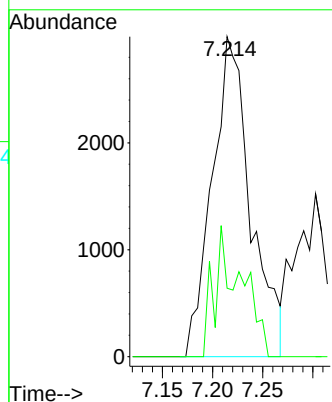
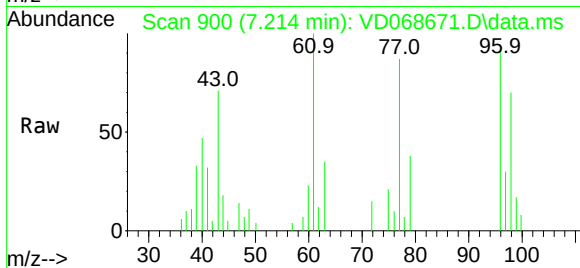
Acq: 19 Mar 2021 19:38

Tgt Ion: 43 Resp: 7986

Ion Ratio Lower Upper

43 100

72 21.4 28.6 43.0#



#26

2,2-Dichloropropane

Concen: 2.50 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD068671.D

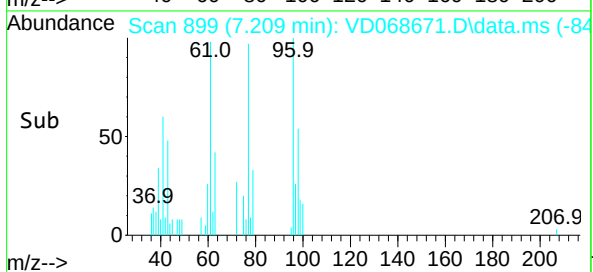
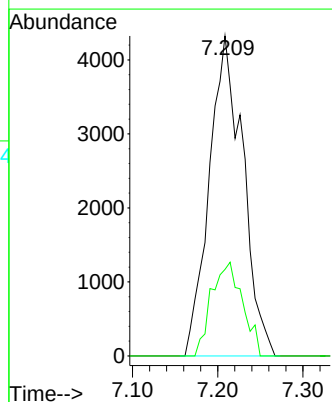
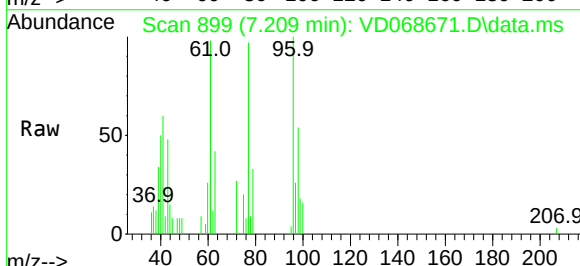
Acq: 19 Mar 2021 19:38

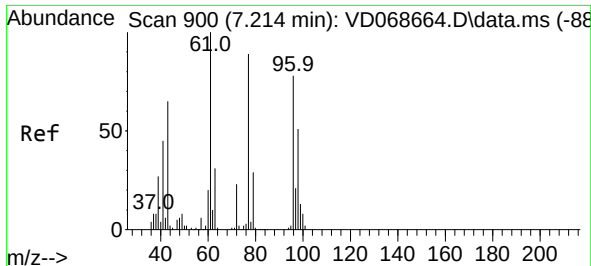
Tgt Ion: 77 Resp: 11866

Ion Ratio Lower Upper

77 100

97 26.9 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 2.82 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD068671.D

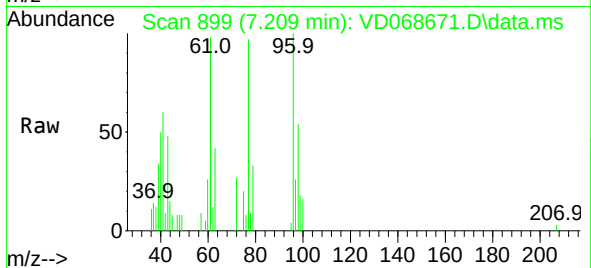
Acq: 19 Mar 2021 19:38

Instrument :

MSVOA_D

ClientSampleId :

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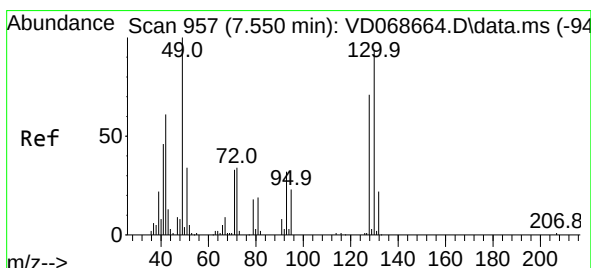
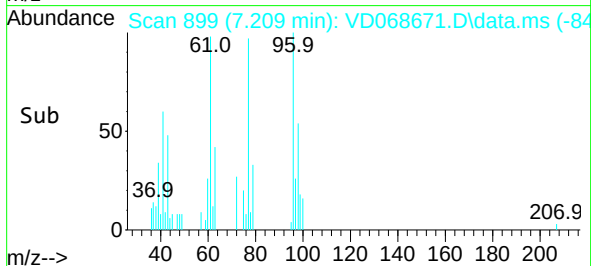
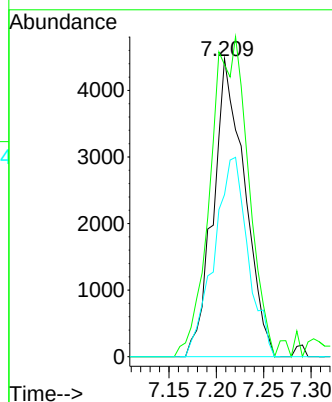
Tgt Ion: 96 Resp: 10320

Ion Ratio Lower Upper

96 100

61 129.3 0.0 258.8

98 72.4 0.0 128.4



#28

Bromochloromethane

Concen: 2.65 ug/l

RT: 7.550 min Scan# 957

Delta R.T. 0.000 min

Lab File: VD068671.D

Acq: 19 Mar 2021 19:38

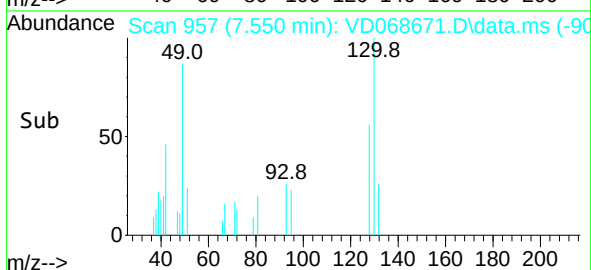
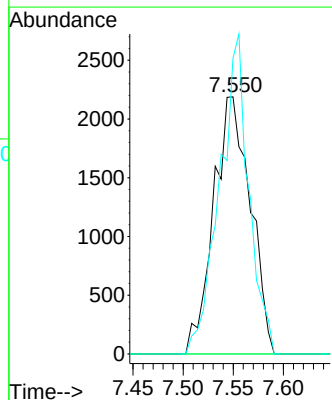
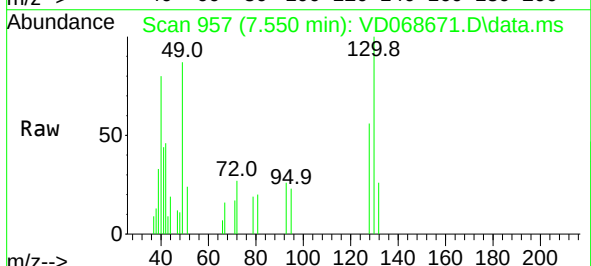
Tgt Ion: 49 Resp: 5588

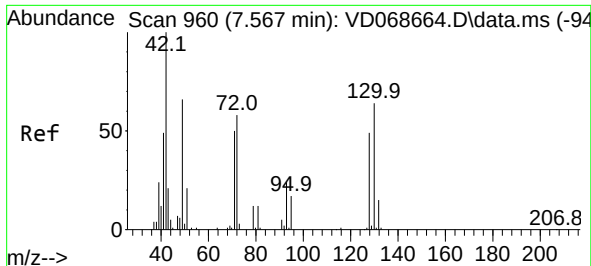
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.2

130 98.4 74.6 112.0





#29

Tetrahydrofuran

Concen: 12.53 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.000 min

Lab File: VD068671.D

Acq: 19 Mar 2021 19:38

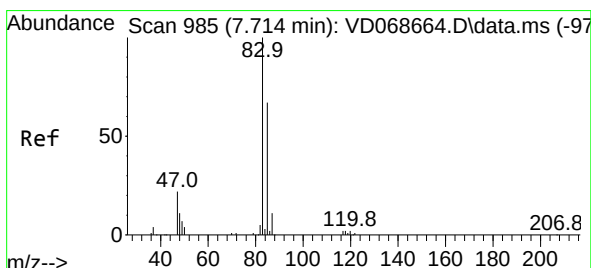
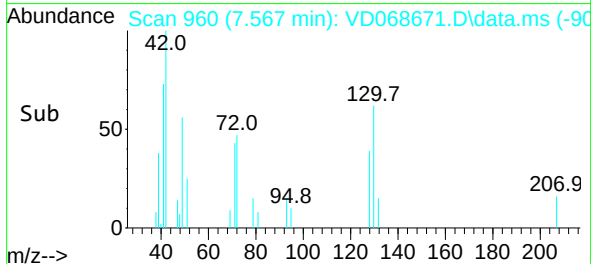
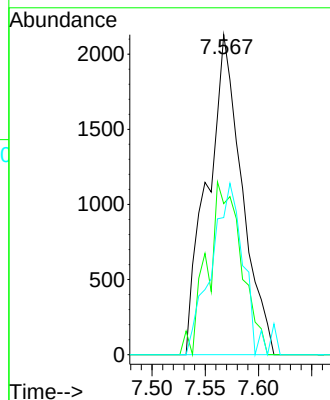
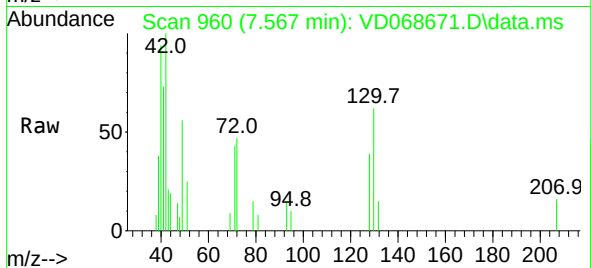
Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2021

Tgt Ion:	42	Resp:	4790
Ion	Ratio	Lower	Upper
42	100		
72	53.2	45.2	67.8
71	49.5	40.8	61.2



#30

Chloroform

Concen: 2.94 ug/l

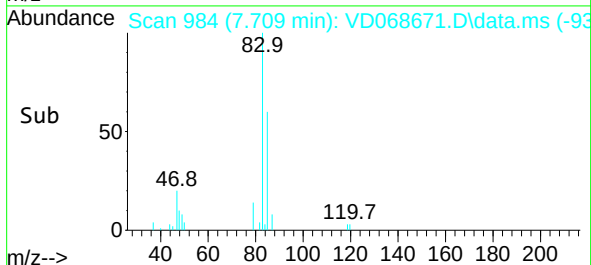
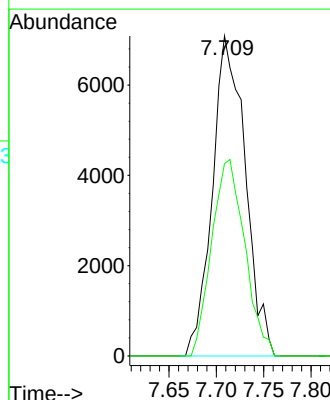
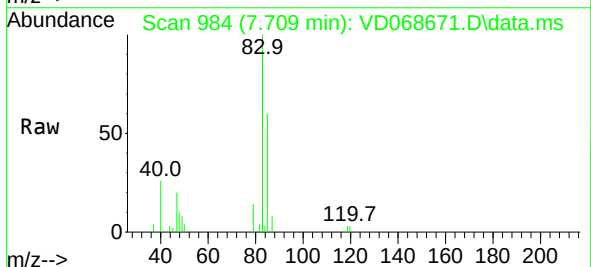
RT: 7.709 min Scan# 984

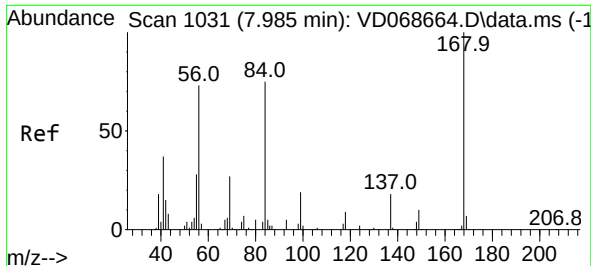
Delta R.T. -0.006 min

Lab File: VD068671.D

Acq: 19 Mar 2021 19:38

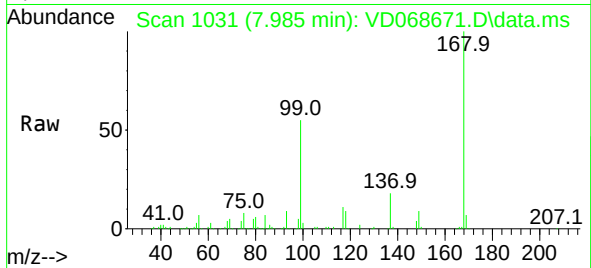
Tgt Ion:	83	Resp:	17091
Ion	Ratio	Lower	Upper
83	100		
85	60.1	53.3	79.9



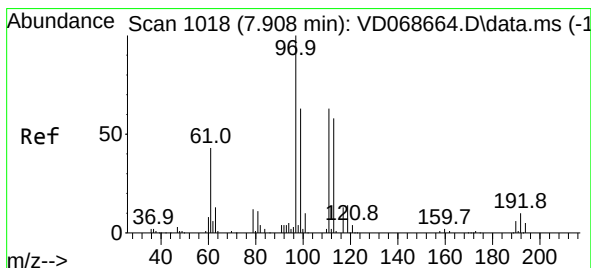
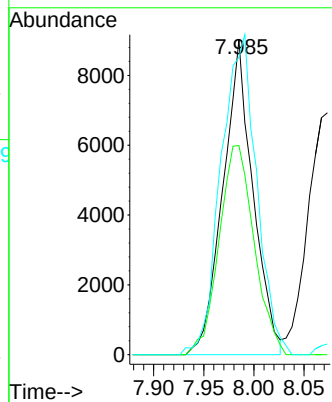
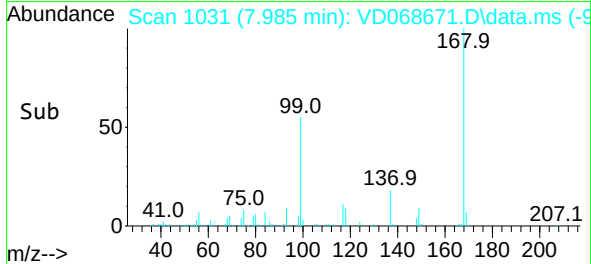


#31
Cyclohexane
Concen: 3.86 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

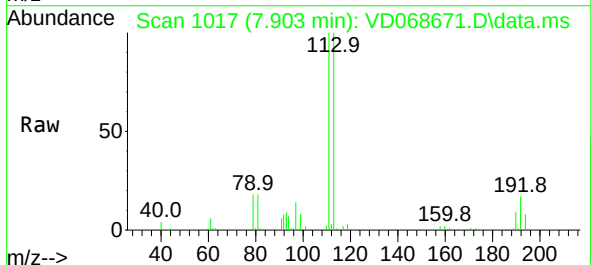
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021



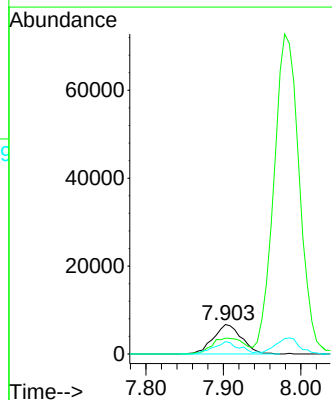
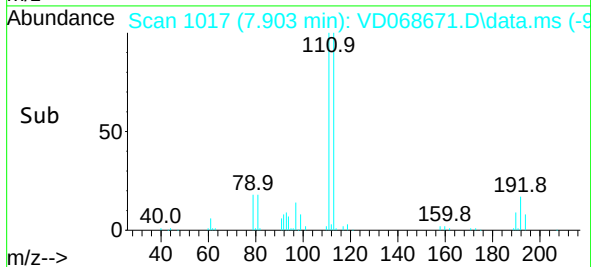
Tgt Ion: 56 Resp: 18755
Ion Ratio Lower Upper
56 100
69 66.4 30.0 45.0#
84 94.4 82.0 123.0

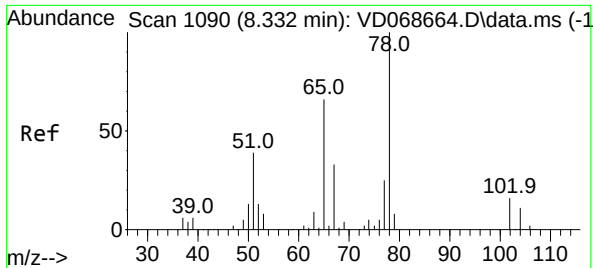


#32
1,1,1-Trichloroethane
Concen: 3.27 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38



Tgt Ion: 97 Resp: 16963
Ion Ratio Lower Upper
97 100
99 62.4 50.8 76.2
61 37.4 33.7 50.5

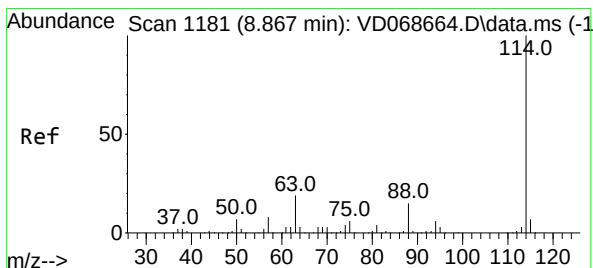
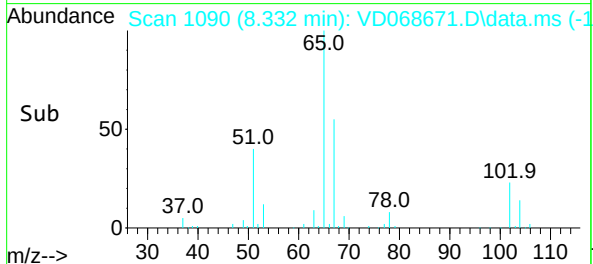
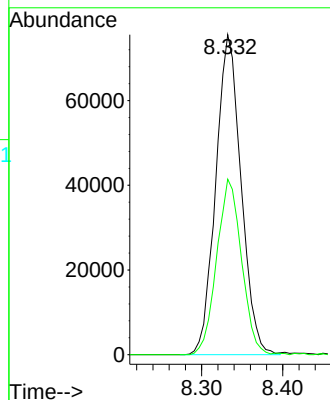
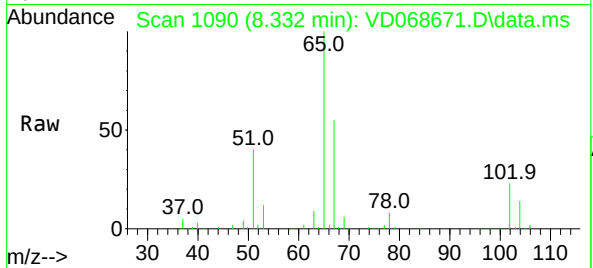




#33
1,2-Dichloroethane-d4
Concen: 54.39 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

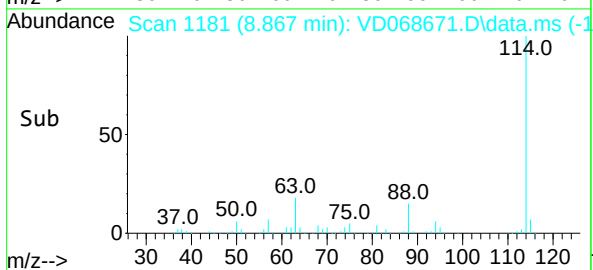
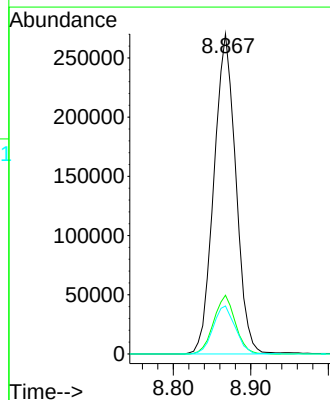
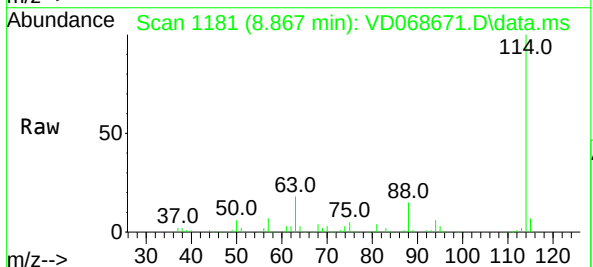
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

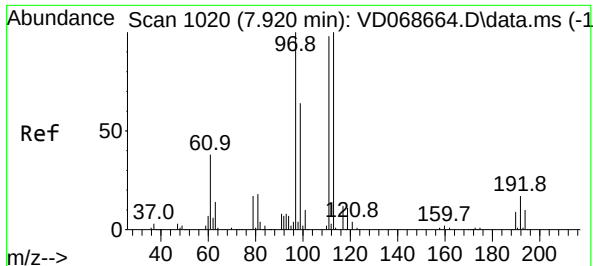
Tgt Ion: 65 Resp: 163699
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion: 114 Resp: 530814
Ion Ratio Lower Upper
114 100
63 18.4 0.0 38.2
88 15.0 0.0 29.4





#35

Dibromofluoromethane

Concen: 53.38 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068671.D

Acq: 19 Mar 2021 19:38

Tgt Ion:113 Resp: 176289

Ion Ratio Lower Upper

113 100

111 103.9 82.5 123.7

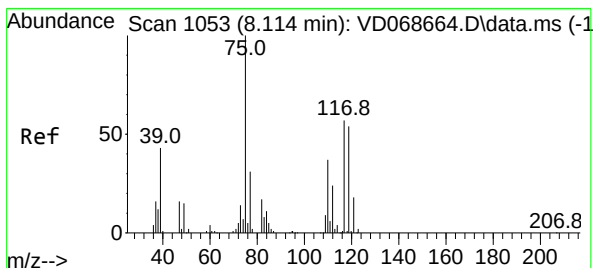
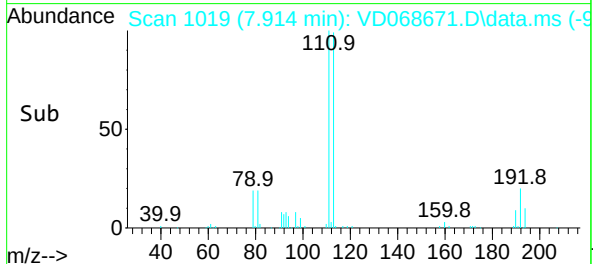
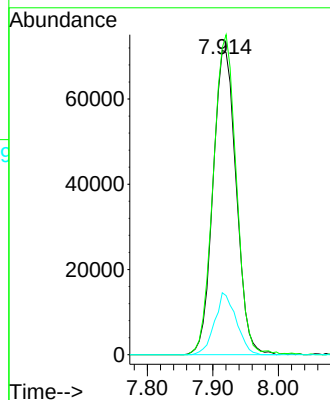
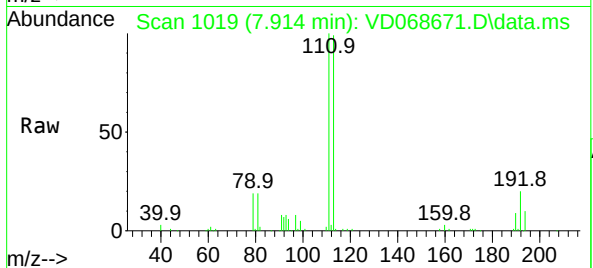
192 18.8 15.1 22.7

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2021



#36

1,1-Dichloropropene

Concen: 2.98 ug/l

RT: 8.120 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VD068671.D

Acq: 19 Mar 2021 19:38

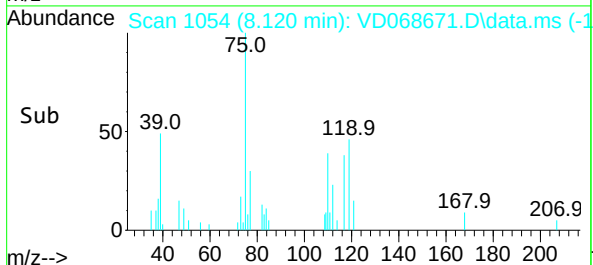
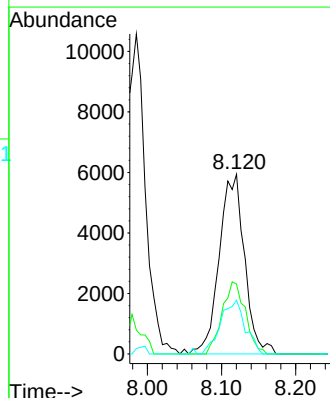
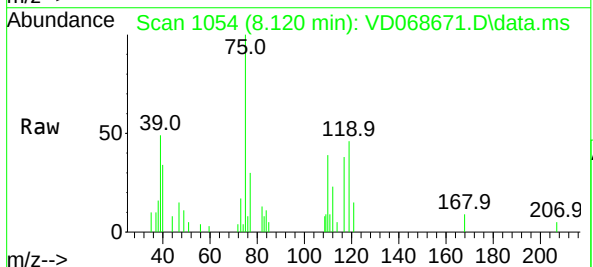
Tgt Ion: 75 Resp: 14114

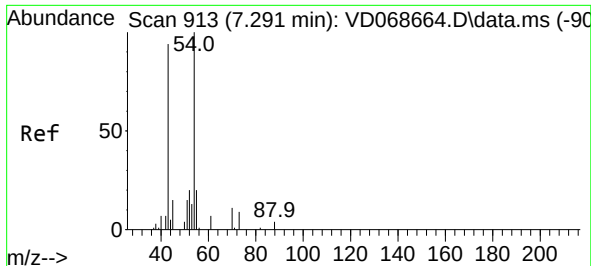
Ion Ratio Lower Upper

75 100

110 36.7 18.1 54.4

77 29.1 24.7 37.1





#37

Ethyl Acetate

Concen: 1.98 ug/l

RT: 7.303 min Scan# 915

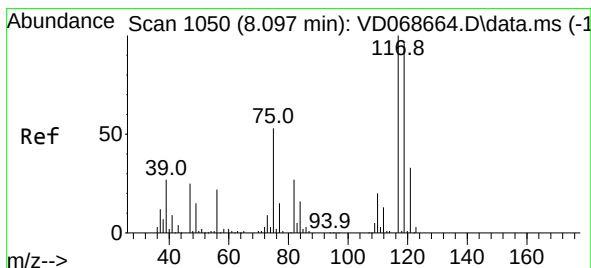
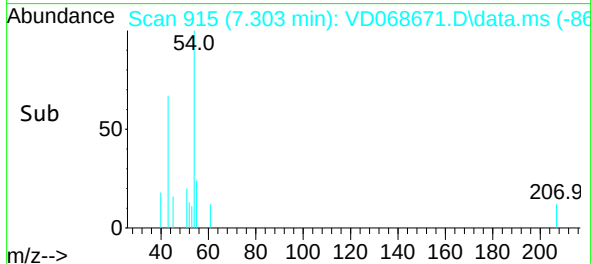
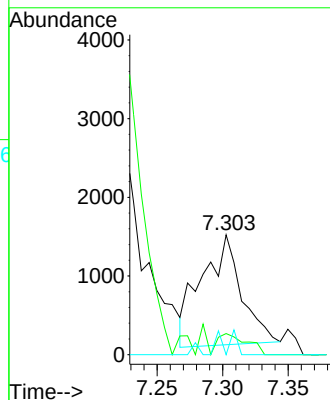
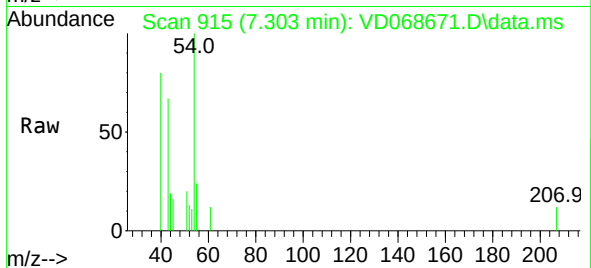
Delta R.T. 0.012 min

Lab File: VD068671.D

Acq: 19 Mar 2021 19:38

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	43	Resp:	2963
Ion	Ratio	Lower	Upper
43	100		
61	14.1	14.2	21.4#
70	7.4	9.4	14.0#



#38

Carbon Tetrachloride

Concen: 2.88 ug/l

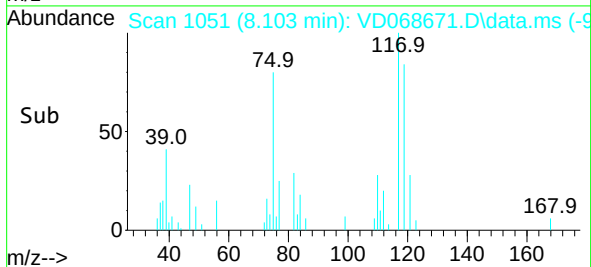
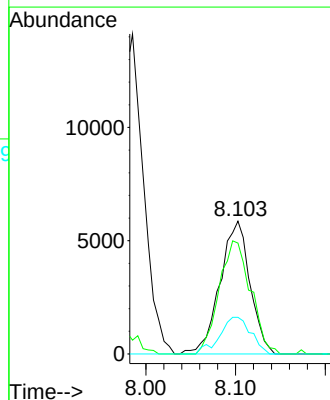
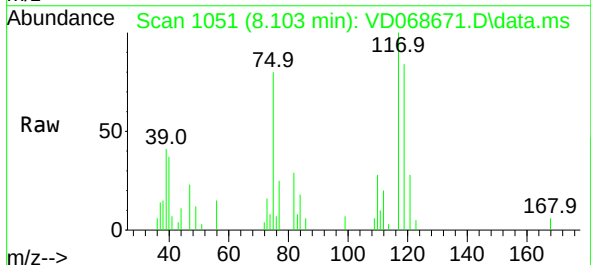
RT: 8.103 min Scan# 1051

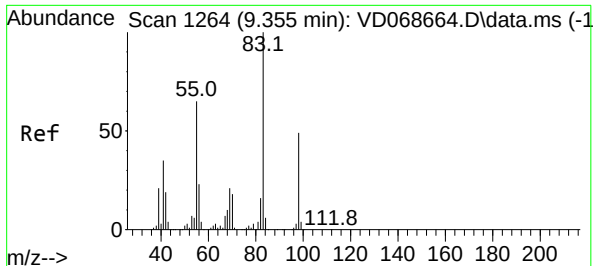
Delta R.T. 0.006 min

Lab File: VD068671.D

Acq: 19 Mar 2021 19:38

Tgt Ion:	117	Resp:	13610
Ion	Ratio	Lower	Upper
117	100		
119	83.6	76.6	115.0
121	27.6	26.1	39.1





#39

Methylcyclohexane

Concen: 2.72 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068671.D

Acq: 19 Mar 2021 19:38

Tgt Ion: 83 Resp: 15909

Ion Ratio Lower Upper

83 100

55 79.4 51.7 77.5#

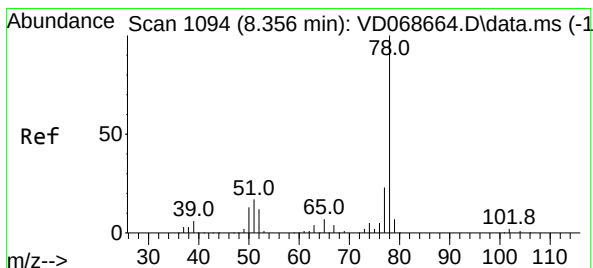
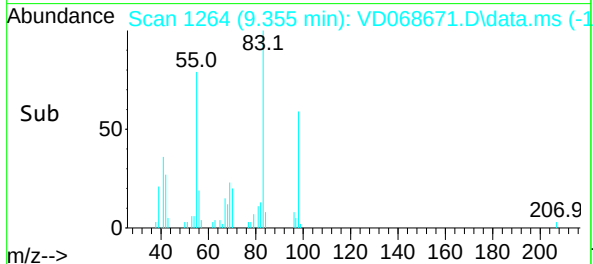
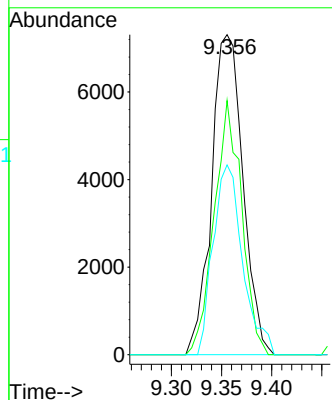
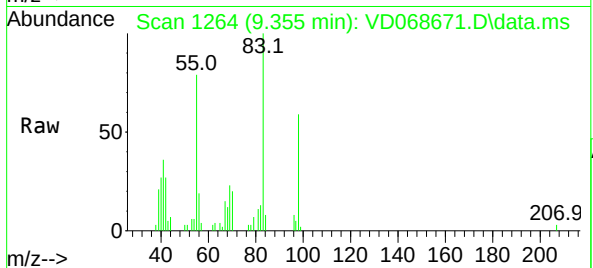
98 59.3 38.8 58.2#

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2021



#40

Benzene

Concen: 2.97 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.006 min

Lab File: VD068671.D

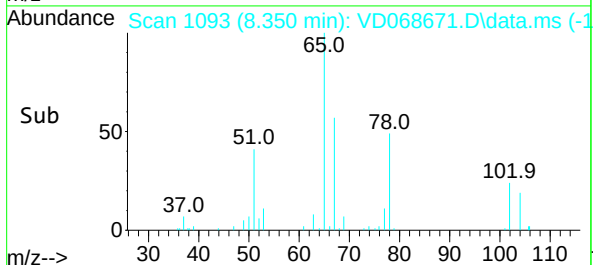
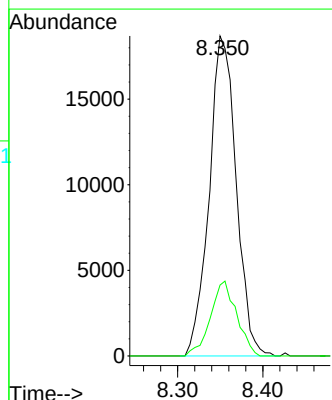
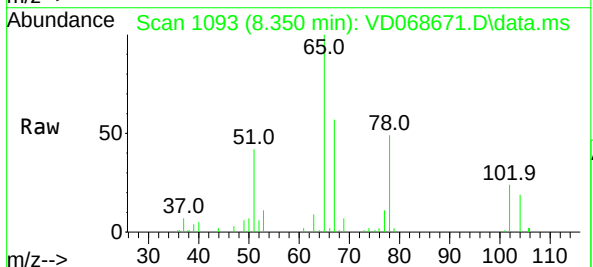
Acq: 19 Mar 2021 19:38

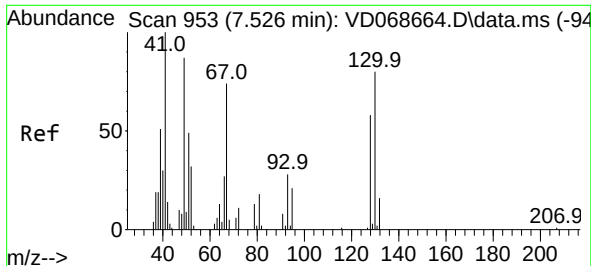
Tgt Ion: 78 Resp: 41140

Ion Ratio Lower Upper

78 100

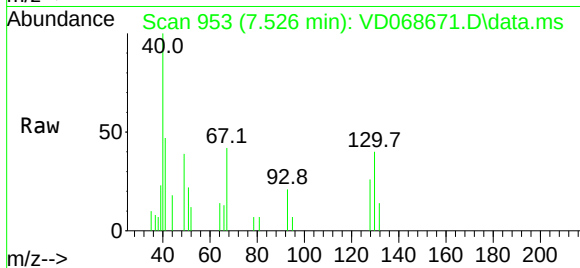
77 22.2 18.2 27.2



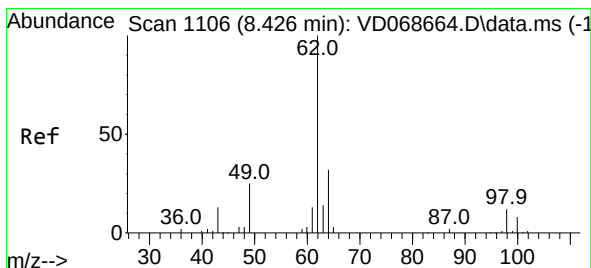
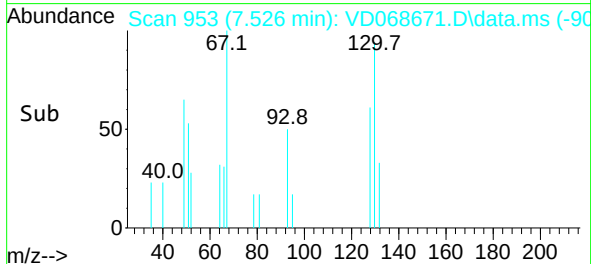
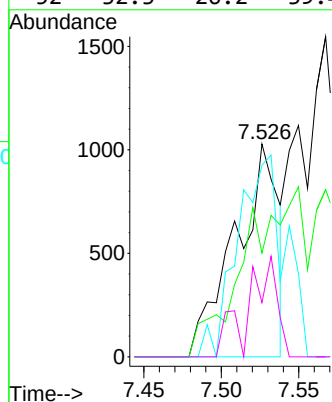


#41
Methacrylonitrile
Concen: 2.26 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

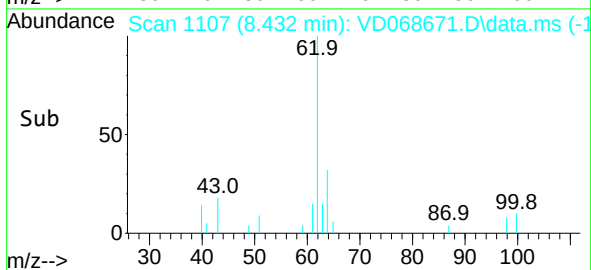
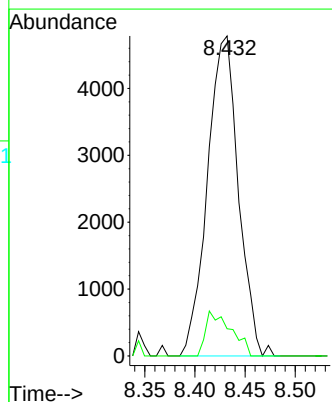
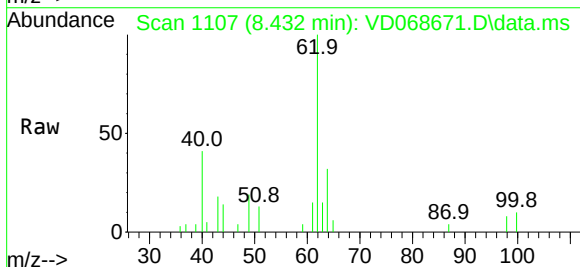


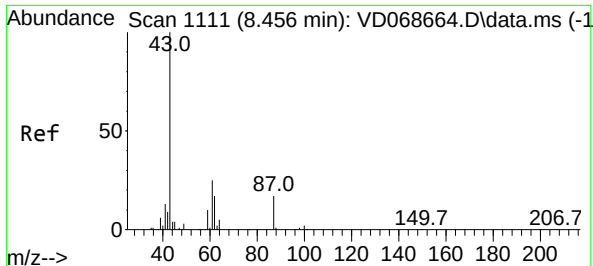
Tgt Ion:	41	Resp:	1982
Ion	Ratio	Lower	Upper
41	100		
39	48.8	43.2	64.8
67	104.3	63.9	95.9#
52	32.3	26.2	39.4



#42
1,2-Dichloroethane
Concen: 2.84 ug/l
RT: 8.432 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion:	62	Resp:	10273
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	22.6





#43

Isopropyl Acetate

Concen: 2.76 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VD068671.D

Acq: 19 Mar 2021 19:38

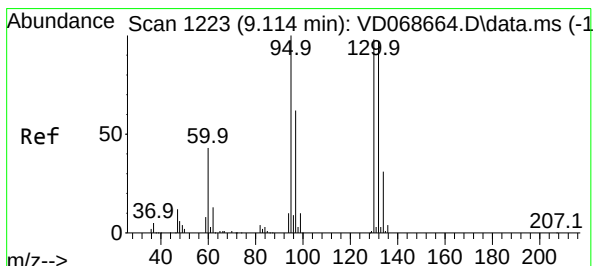
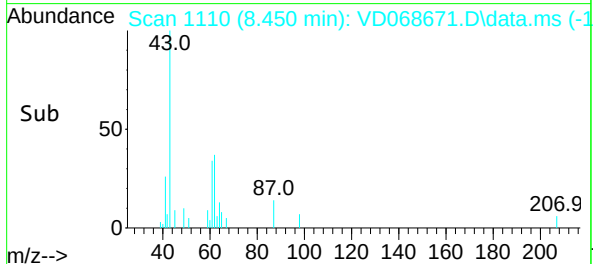
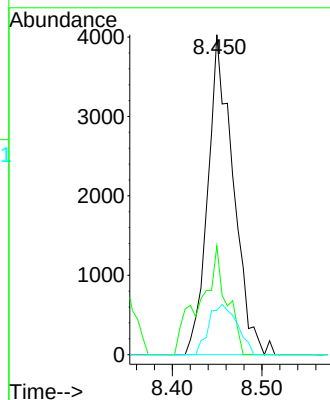
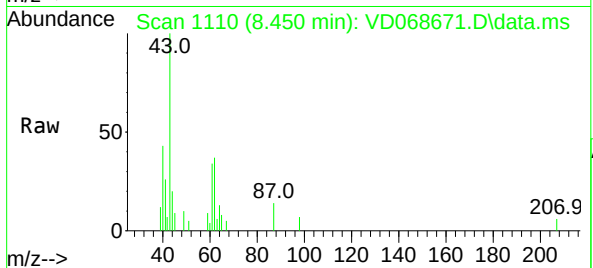
Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2021

Tgt Ion: 43	Resp: 7912
Ion Ratio	Lower Upper
43 100	
61 35.9	29.5 44.3
87 17.5	13.5 20.3



#44

Trichloroethene

Concen: 3.06 ug/l

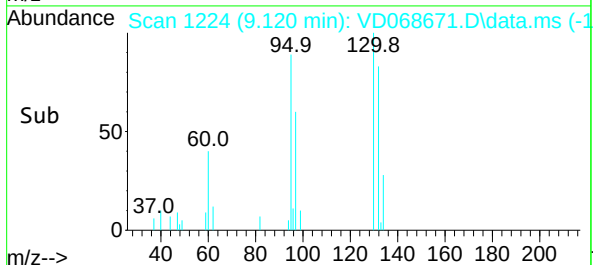
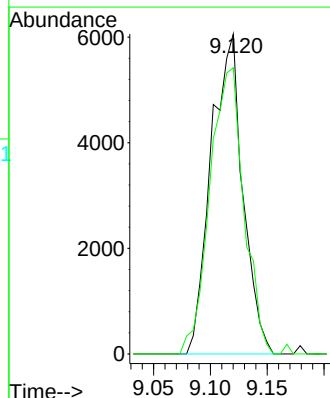
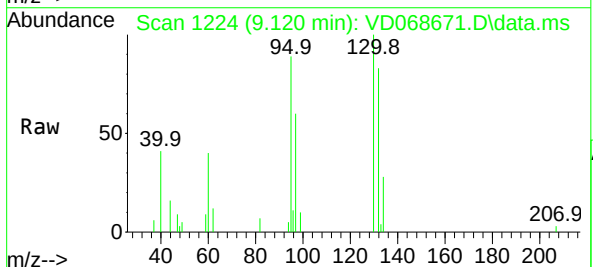
RT: 9.120 min Scan# 1224

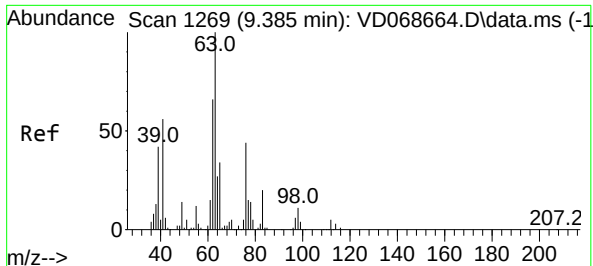
Delta R.T. 0.006 min

Lab File: VD068671.D

Acq: 19 Mar 2021 19:38

Tgt Ion:130	Resp:	11760	
Ion	Ratio	Lower	Upper
130	100		
95	89.5	0.0	203.8





#45

1,2-Dichloropropane

Concen: 3.01 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VD068671.D

Acq: 19 Mar 2021 19:38

Tgt Ion: 63 Resp: 9974

Ion Ratio Lower Upper

63 100

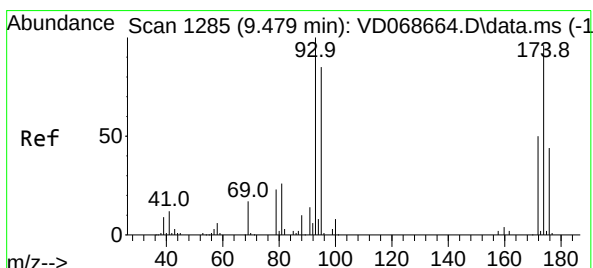
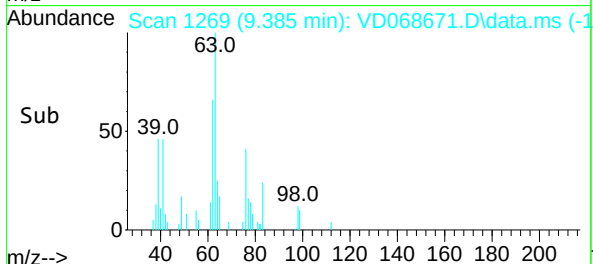
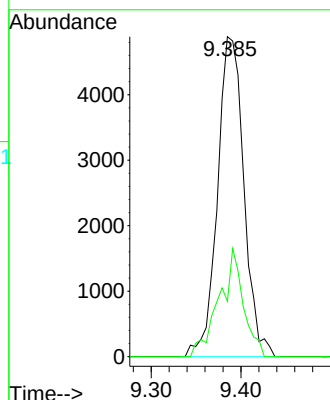
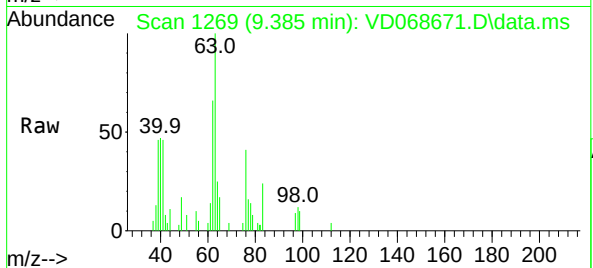
65 17.3 27.0 40.4#

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2021



#46

Dibromomethane

Concen: 2.40 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.006 min

Lab File: VD068671.D

Acq: 19 Mar 2021 19:38

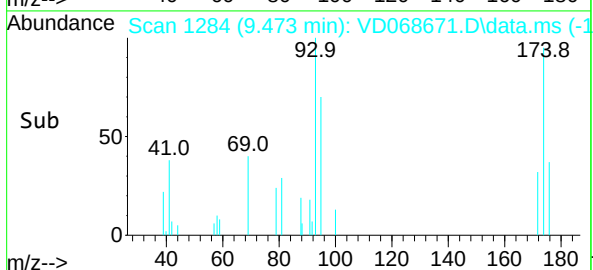
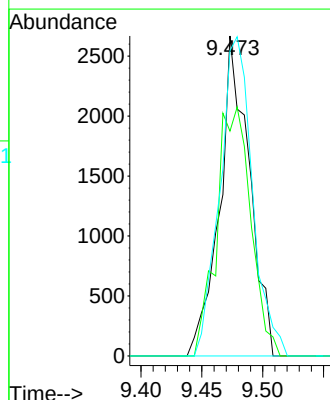
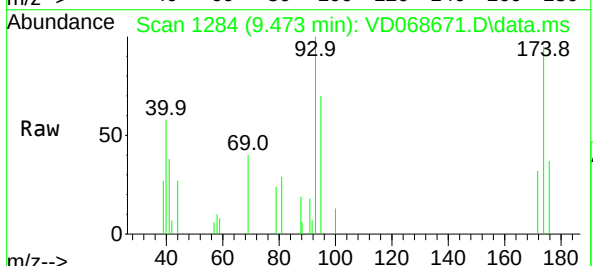
Tgt Ion: 93 Resp: 4516

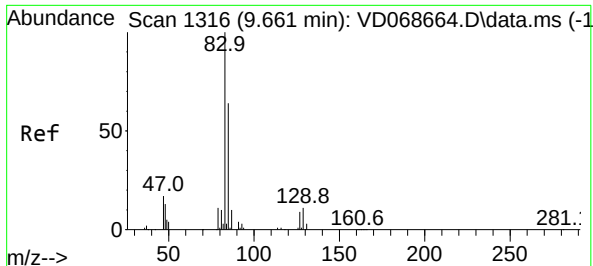
Ion Ratio Lower Upper

93 100

95 89.8 64.5 96.7

174 109.9 75.3 112.9





#47

Bromodichloromethane

Concen: 2.69 ug/l

RT: 9.661 min Scan# 1316

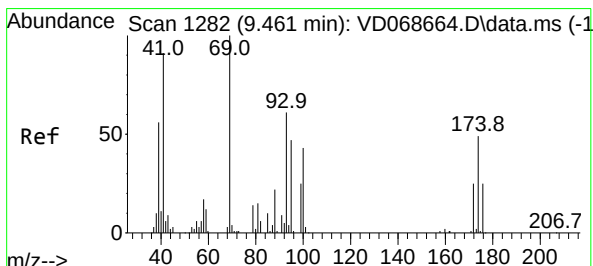
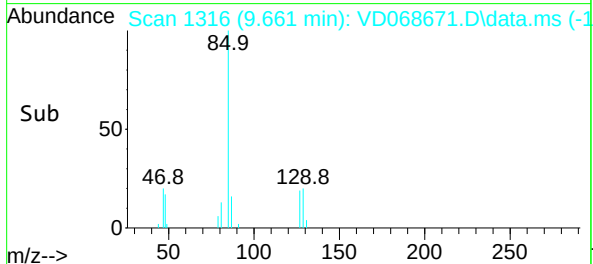
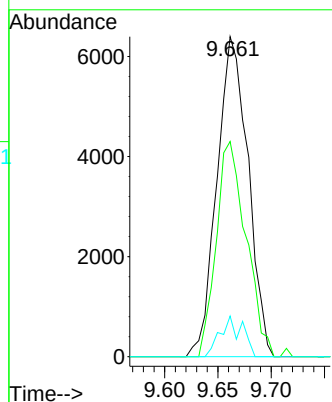
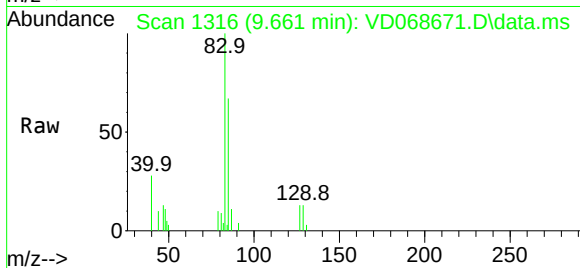
Delta R.T. 0.000 min

Lab File: VD068671.D

Acq: 19 Mar 2021 19:38

Tgt Ion:	83	Resp:	13000
Ion	Ratio	Lower	Upper
83	100		
85	67.3	51.0	76.6
127	12.7	7.1	10.7#

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021



#48

Methyl methacrylate

Concen: 2.38 ug/l

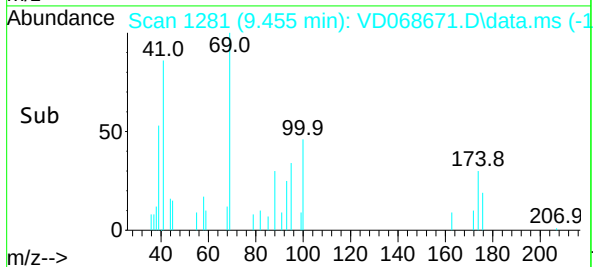
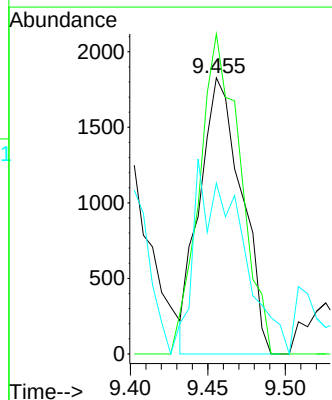
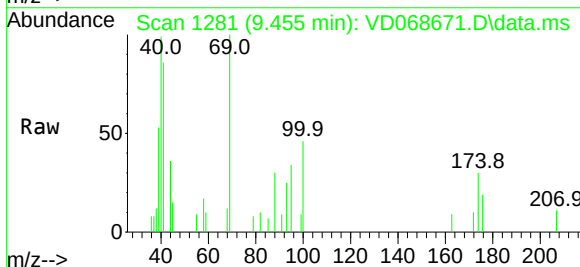
RT: 9.455 min Scan# 1281

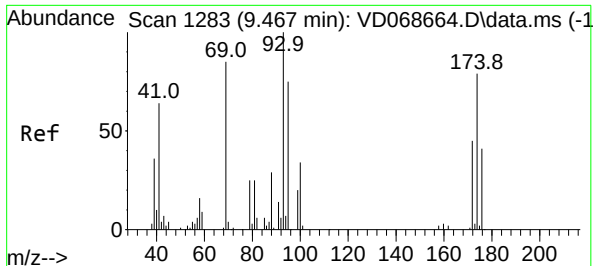
Delta R.T. -0.006 min

Lab File: VD068671.D

Acq: 19 Mar 2021 19:38

Tgt Ion:	41	Resp:	3456
Ion	Ratio	Lower	Upper
41	100		
69	112.4	83.0	124.6
39	77.1	47.0	70.6#





#49

1,4-Dioxane

Concen: 35.82 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD068671.D

Acq: 19 Mar 2021 19:38

Tgt Ion: 88 Resp: 749

Ion Ratio Lower Upper

88 100

43 0.0 25.8 38.8#

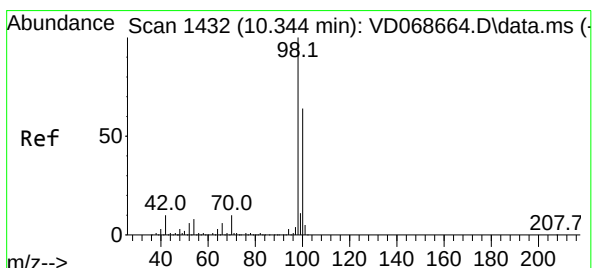
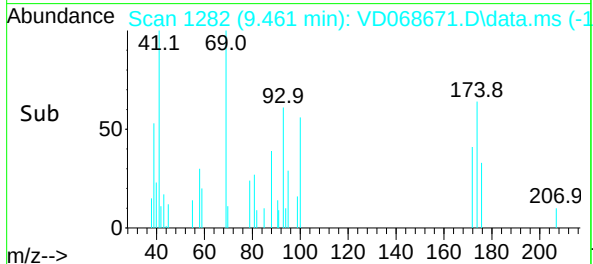
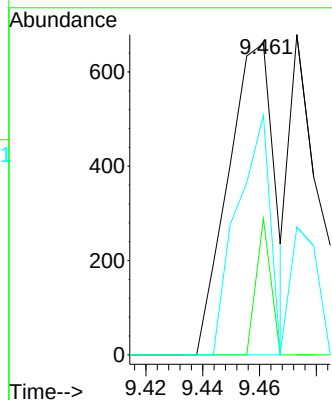
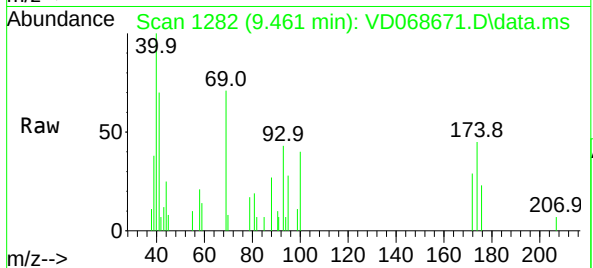
58 77.8 54.0 81.0

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2021



#50

Toluene-d8

Concen: 53.22 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.006 min

Lab File: VD068671.D

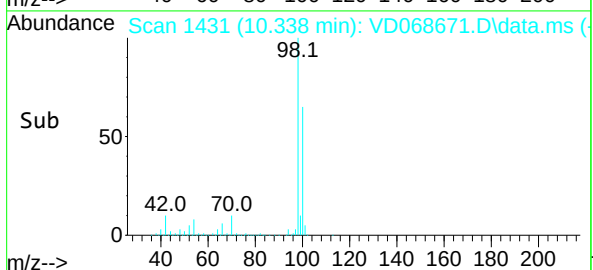
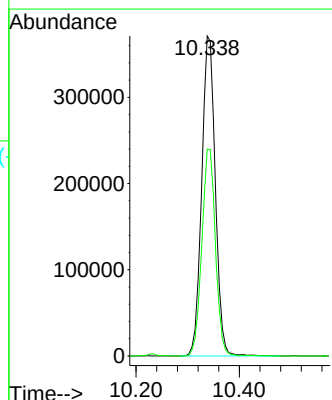
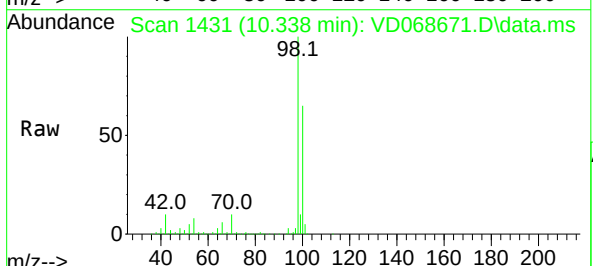
Acq: 19 Mar 2021 19:38

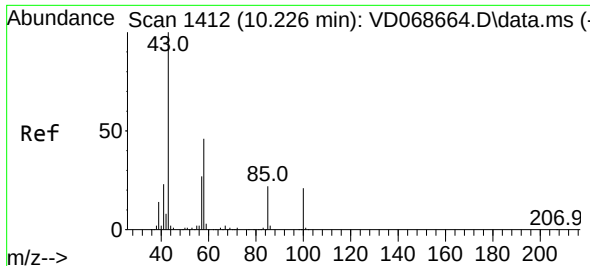
Tgt Ion: 98 Resp: 677614

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.6

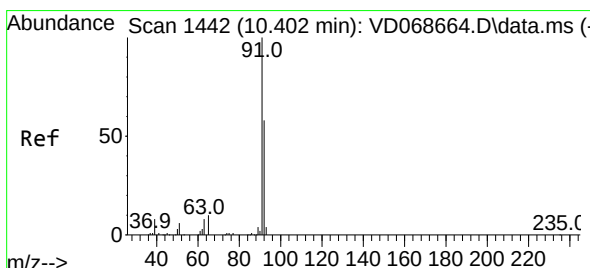
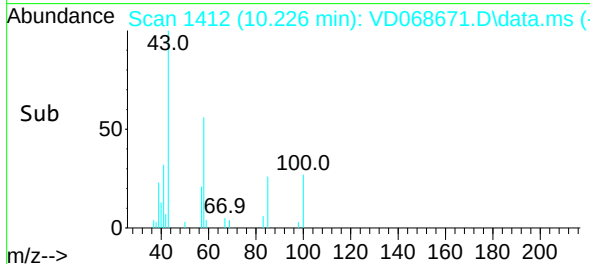
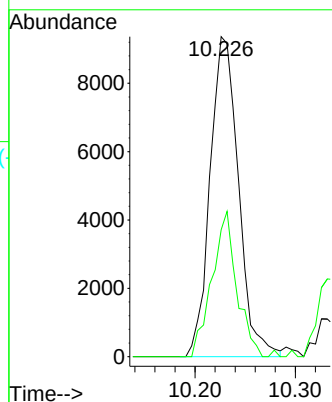
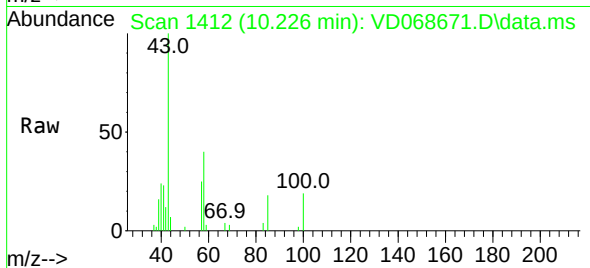




#51
4-Methyl-2-Pentanone
Concen: 12.34 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

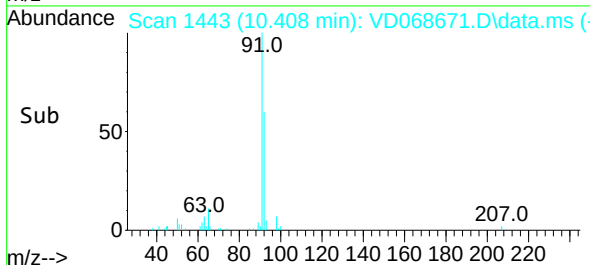
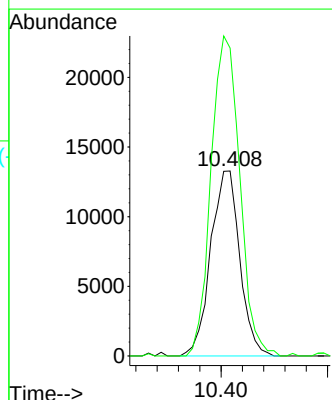
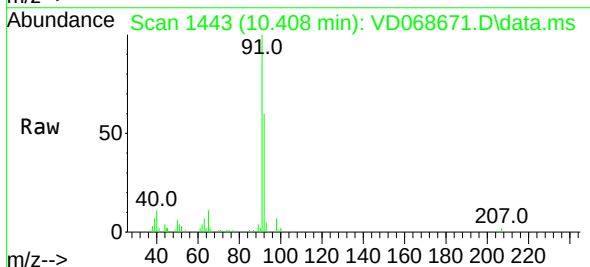
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

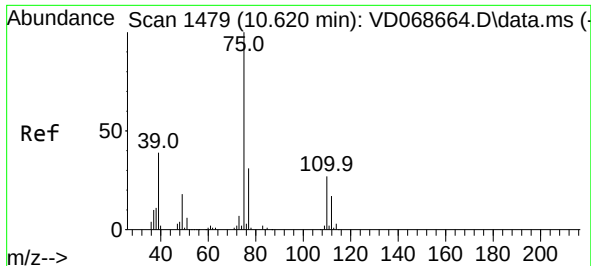
Tgt Ion: 43 Resp: 18429
Ion Ratio Lower Upper
43 100
58 39.6 37.3 55.9



#52
Toluene
Concen: 2.87 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion: 92 Resp: 25111
Ion Ratio Lower Upper
92 100
91 171.2 139.1 208.7

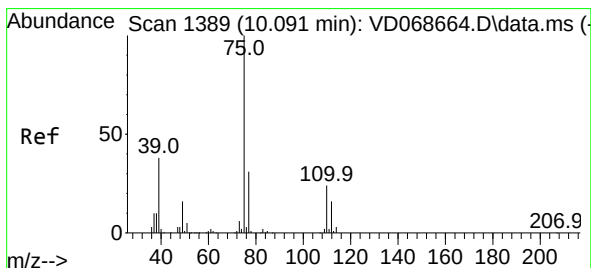
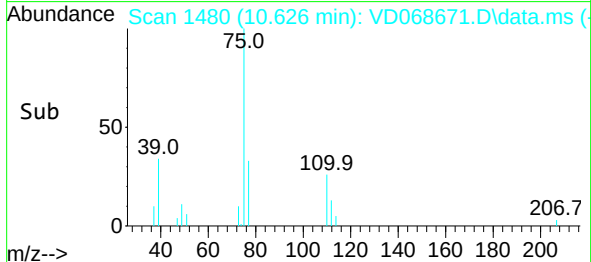
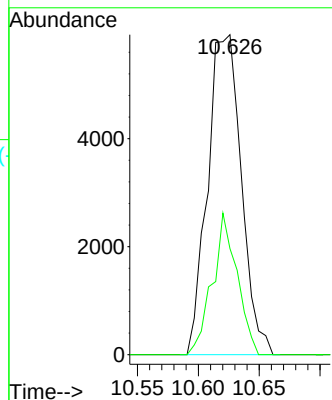
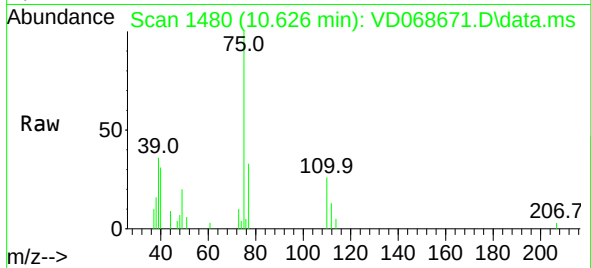




#53
t-1,3-Dichloropropene
Concen: 2.57 ug/l
RT: 10.626 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

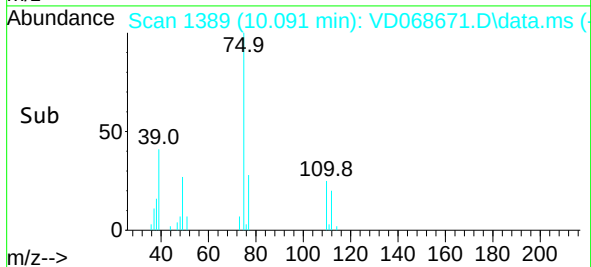
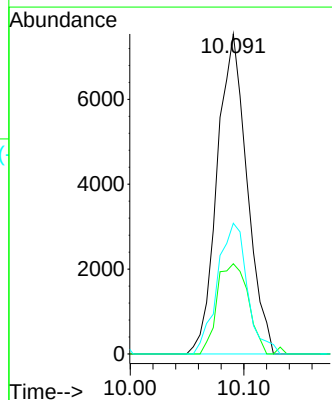
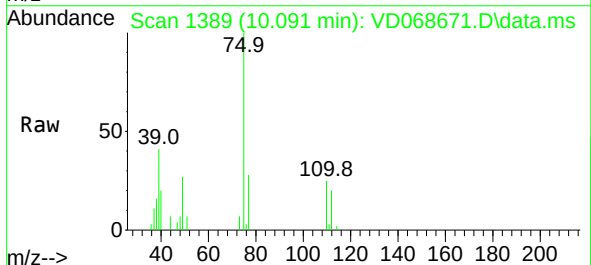
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

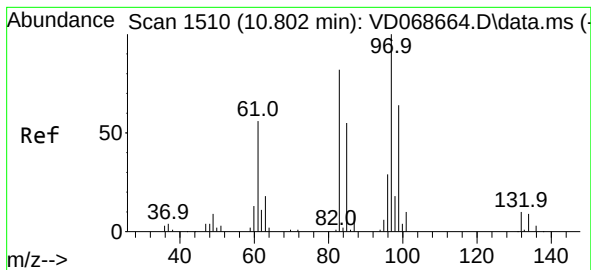
Tgt Ion: 75 Resp: 11400
Ion Ratio Lower Upper
75 100
77 33.2 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 2.61 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion: 75 Resp: 13744
Ion Ratio Lower Upper
75 100
77 28.2 24.7 37.1
39 40.9 30.2 45.2

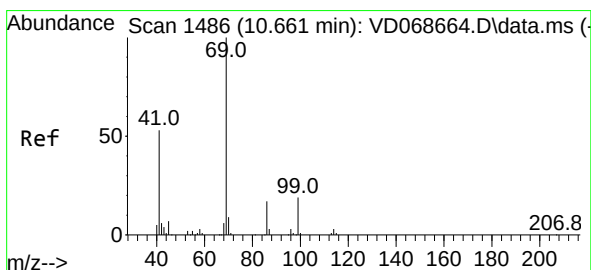
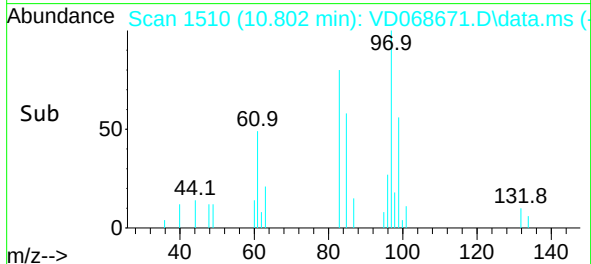
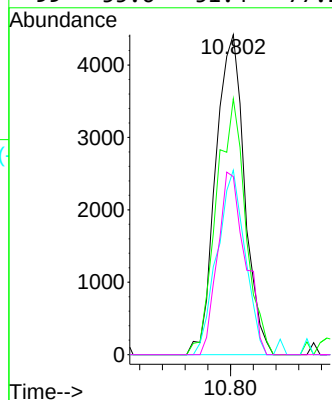
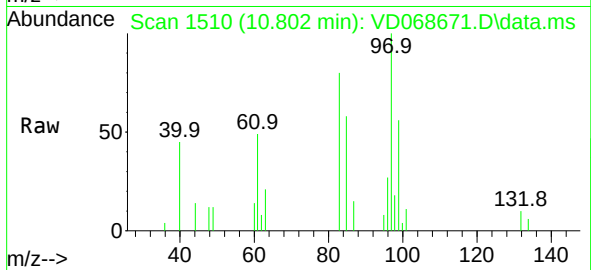




#55
1,1,2-Trichloroethane
Concen: 2.95 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

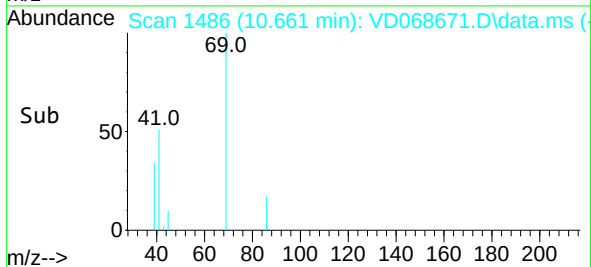
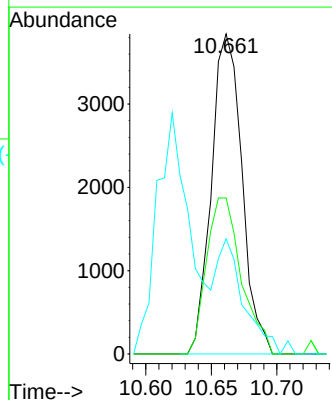
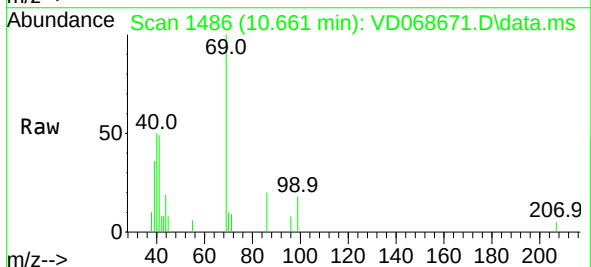
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

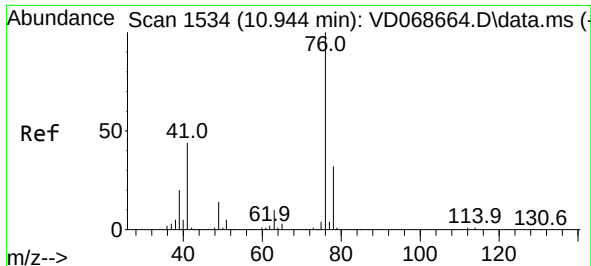
Tgt Ion:	97	Resp:	7797
Ion	Ratio	Lower	Upper
97	100		
83	79.9	65.7	98.5
85	57.6	44.3	66.5
99	55.6	51.4	77.2



#56
Ethyl methacrylate
Concen: 2.18 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion:	69	Resp:	6226
Ion	Ratio	Lower	Upper
69	100		
41	55.7	42.2	63.4
39	32.2	24.2	36.2

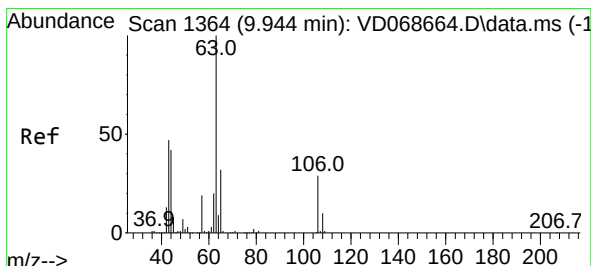
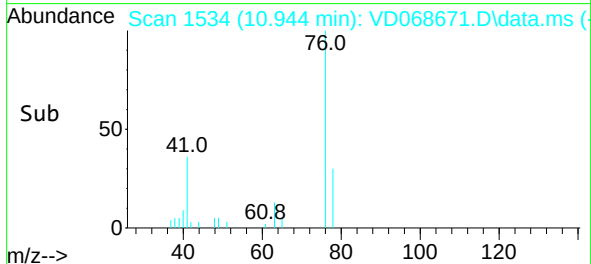
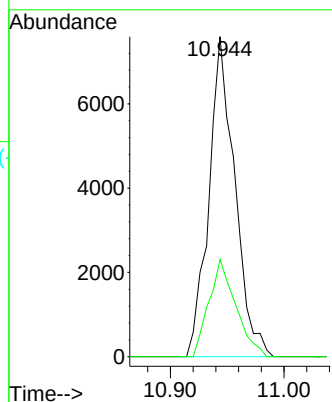
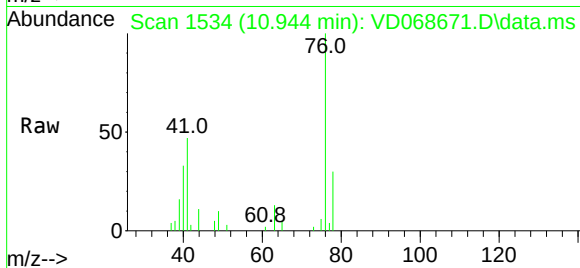




#57
1,3-Dichloropropane
Concen: 2.79 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

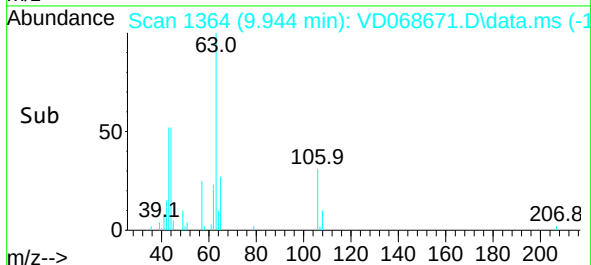
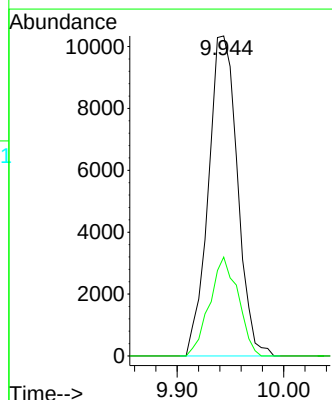
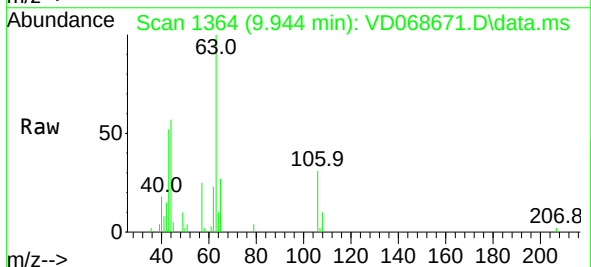
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

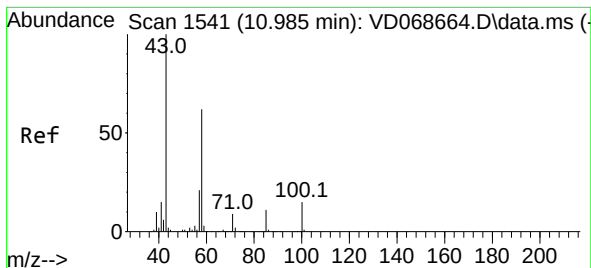
Tgt Ion: 76 Resp: 12047
Ion Ratio Lower Upper
76 100
78 31.5 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 13.45 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion: 63 Resp: 19593
Ion Ratio Lower Upper
63 100
106 30.2 24.6 36.8

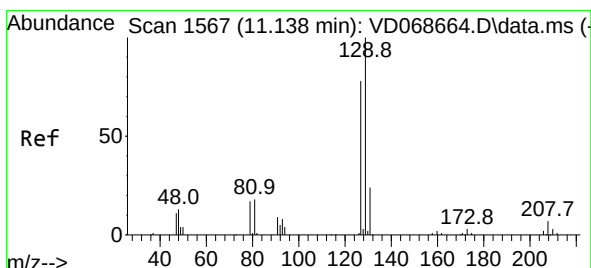
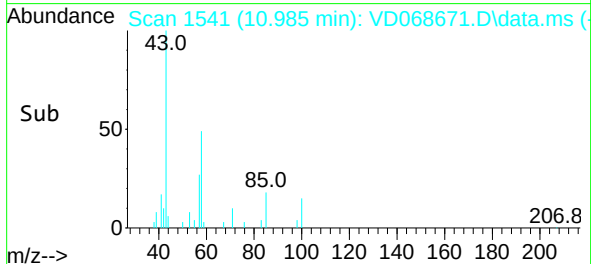
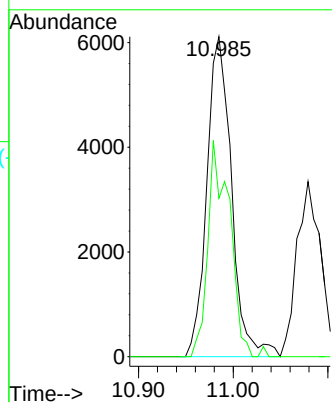
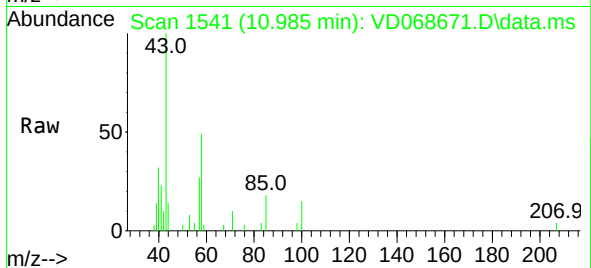




#59
2-Hexanone
Concen: 11.04 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

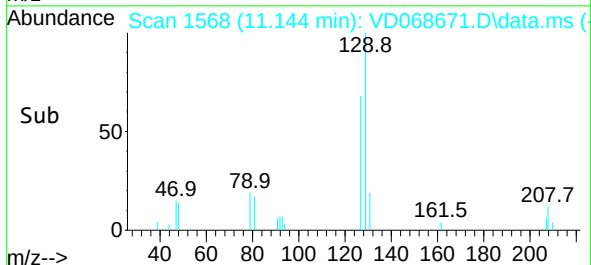
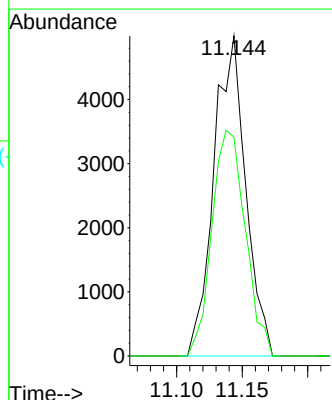
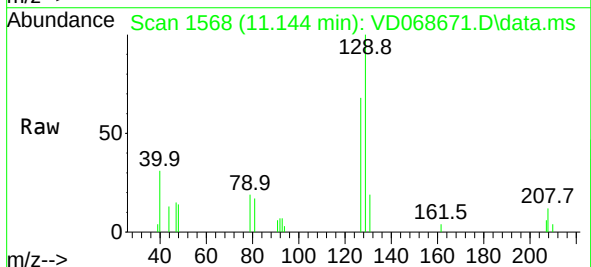
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

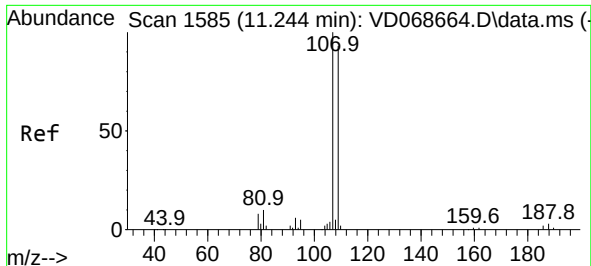
Tgt Ion: 43 Resp: 11079
Ion Ratio Lower Upper
43 100
58 59.6 31.3 93.8



#60
Dibromochloromethane
Concen: 2.57 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion: 129 Resp: 8429
Ion Ratio Lower Upper
129 100
127 74.1 38.8 116.3

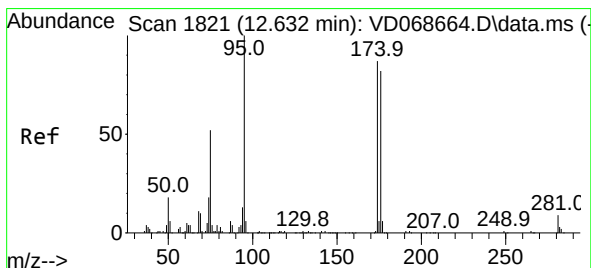
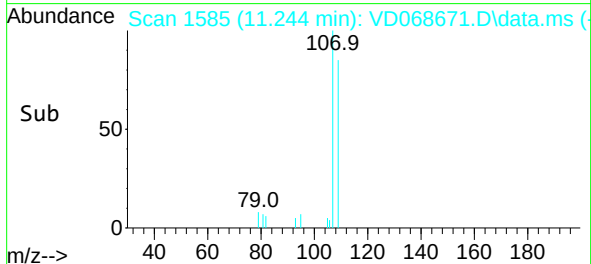
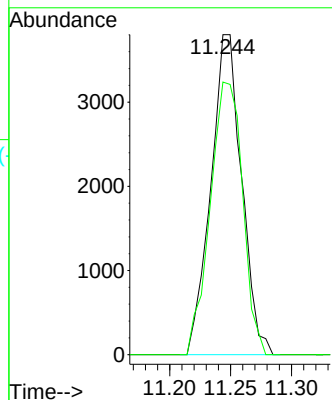
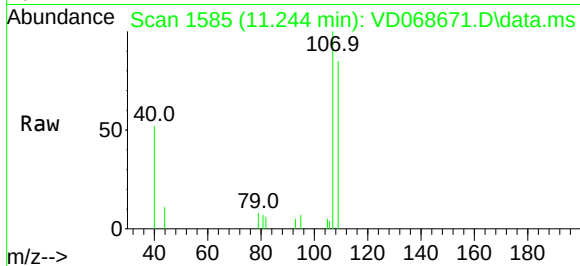




#61
1,2-Dibromoethane
Concen: 2.62 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

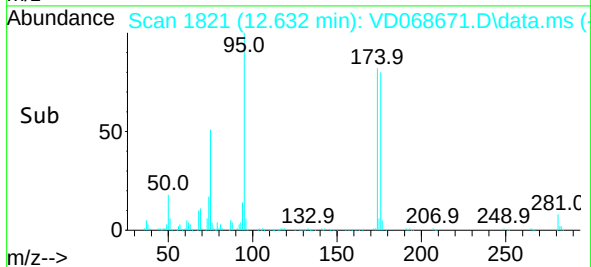
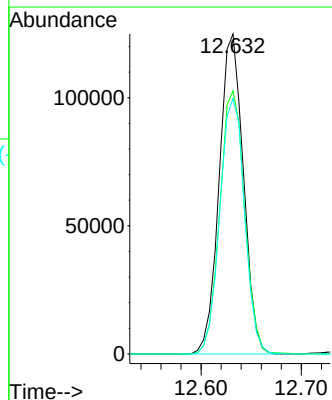
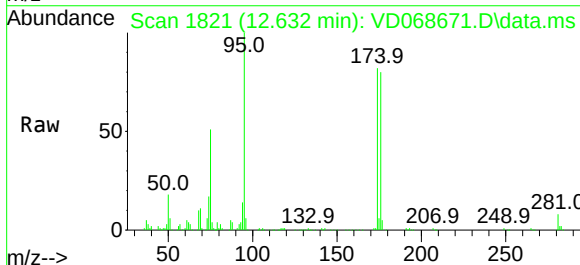
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

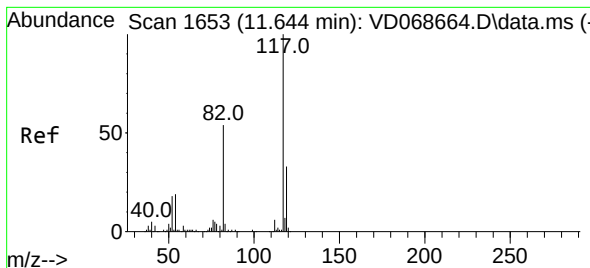
Tgt Ion:107 Resp: 6687
Ion Ratio Lower Upper
107 100
109 89.7 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 50.57 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion: 95 Resp: 208762
Ion Ratio Lower Upper
95 100
174 84.2 0.0 168.0
176 81.8 0.0 160.2

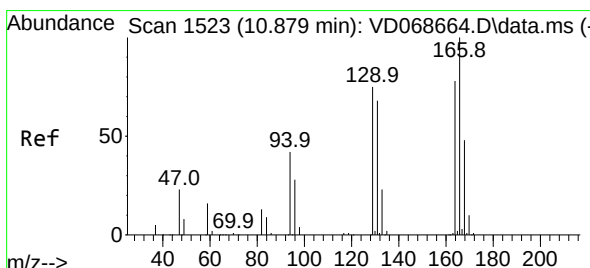
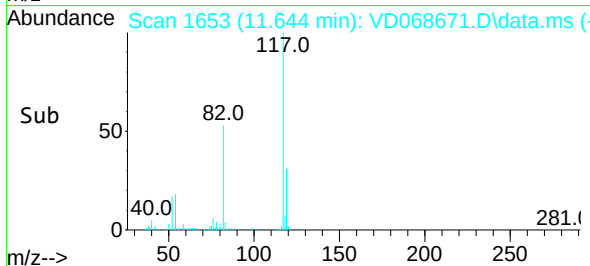
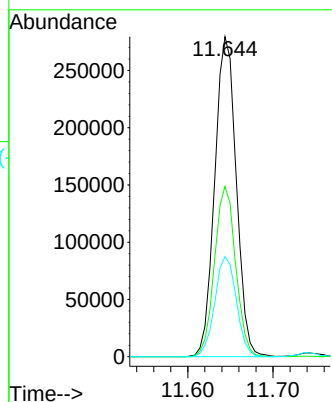
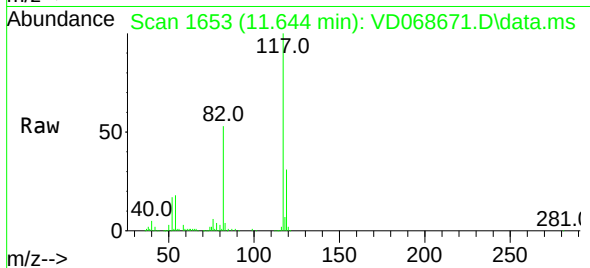




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

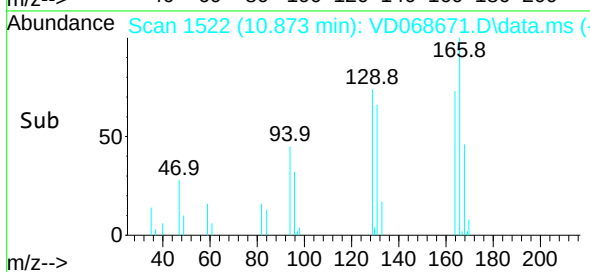
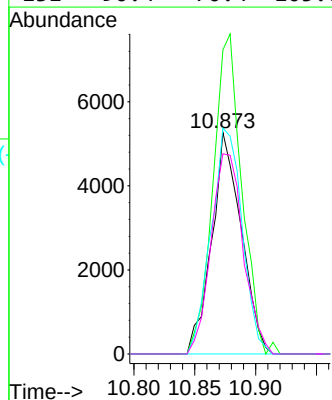
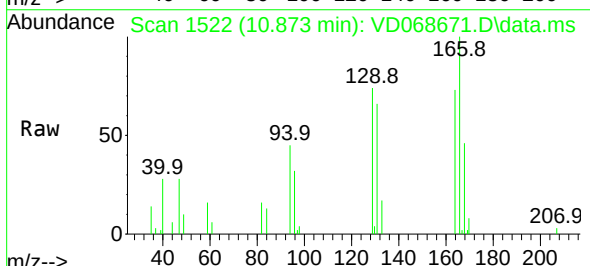
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

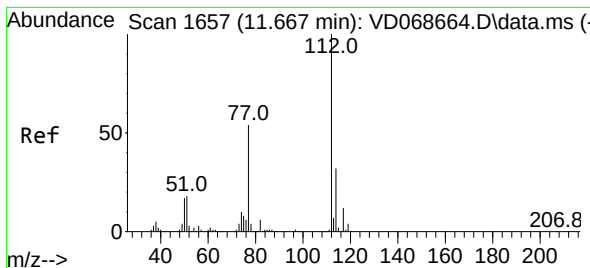
Tgt Ion:117 Resp: 491094
Ion Ratio Lower Upper
117 100
82 53.2 43.5 65.3
119 31.3 26.7 40.1



#64
Tetrachloroethene
Concen: 2.79 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion:164 Resp: 8872
Ion Ratio Lower Upper
164 100
166 137.4 103.0 154.6
129 102.1 77.4 116.0
131 90.4 70.4 105.6

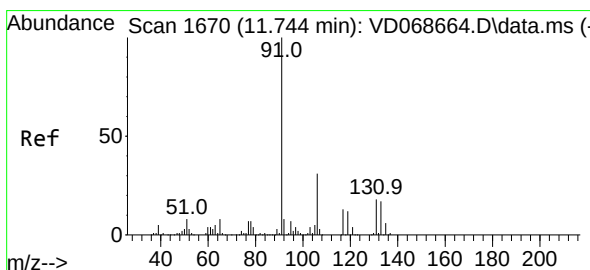
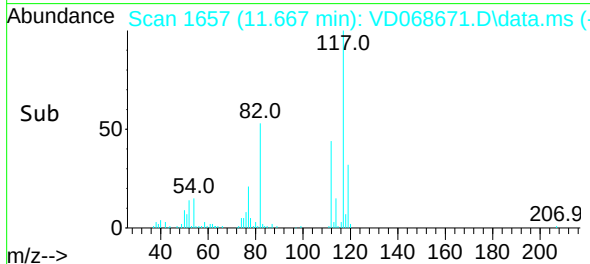
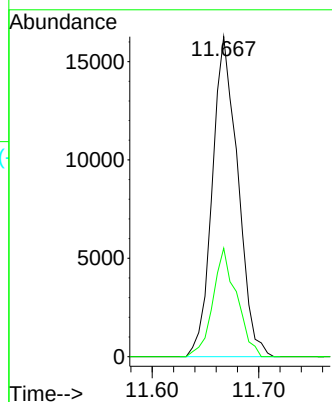
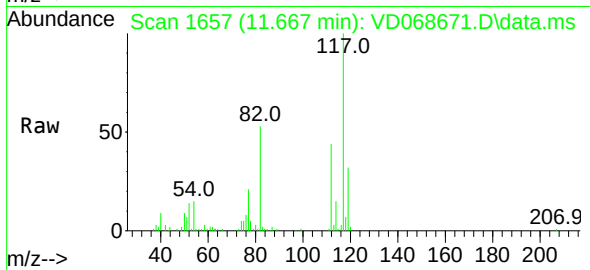




#65
Chlorobenzene
Concen: 2.80 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

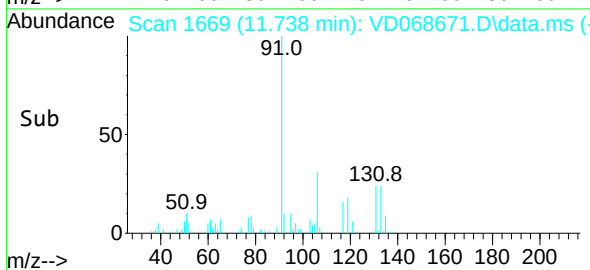
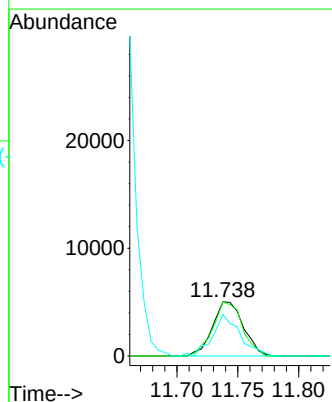
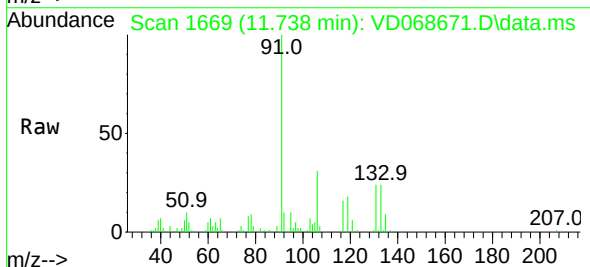
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

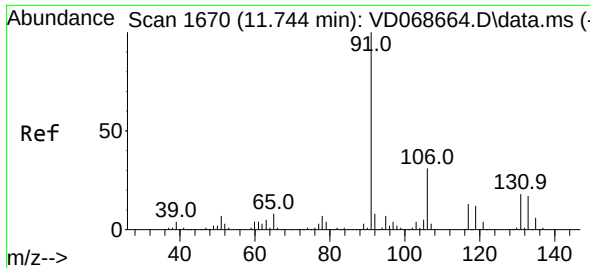
Tgt Ion:112 Resp: 27080
Ion Ratio Lower Upper
112 100
114 33.9 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 2.54 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion:131 Resp: 8840
Ion Ratio Lower Upper
131 100
133 95.4 47.0 141.2
119 68.1 32.8 98.3

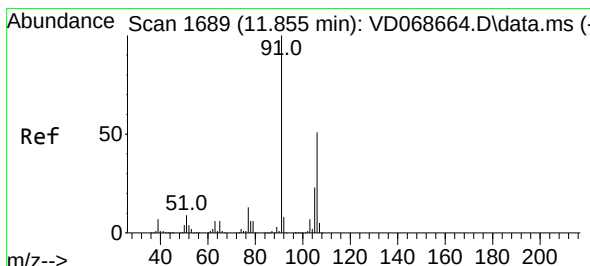
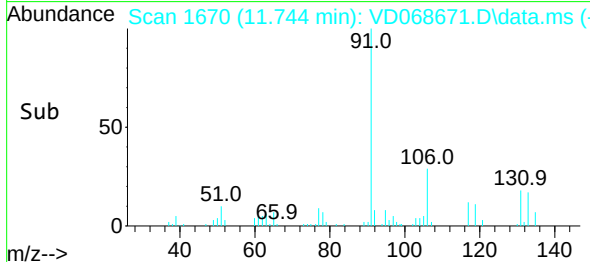
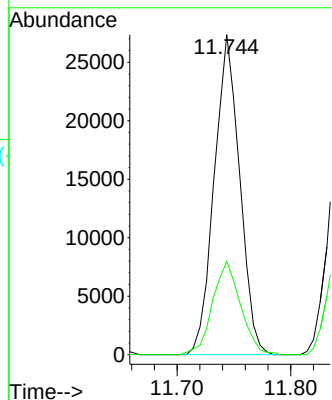
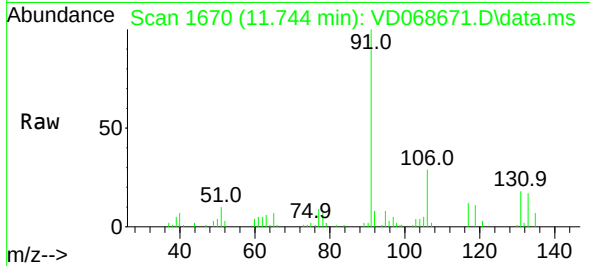




#67
Ethyl Benzene
Concen: 2.53 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

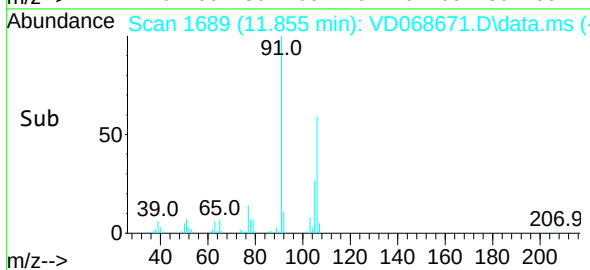
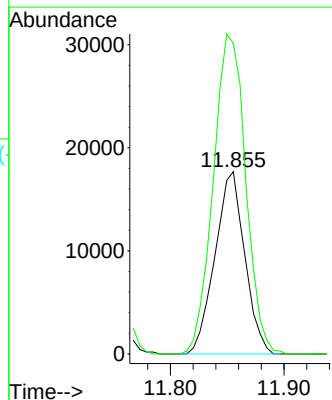
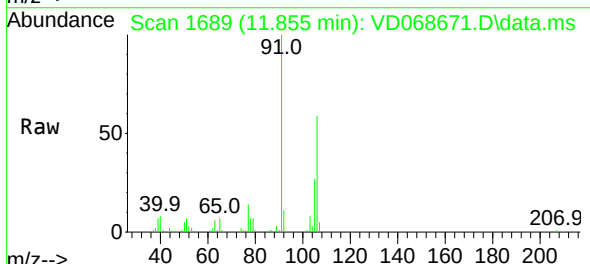
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

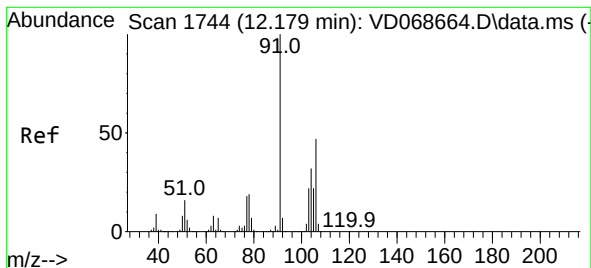
Tgt Ion: 91 Resp: 42591
Ion Ratio Lower Upper
91 100
106 29.2 25.1 37.7



#68
m/p-Xylenes
Concen: 4.90 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion:106 Resp: 32166
Ion Ratio Lower Upper
106 100
91 190.9 158.6 238.0

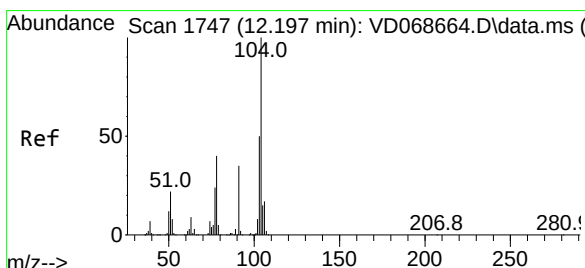
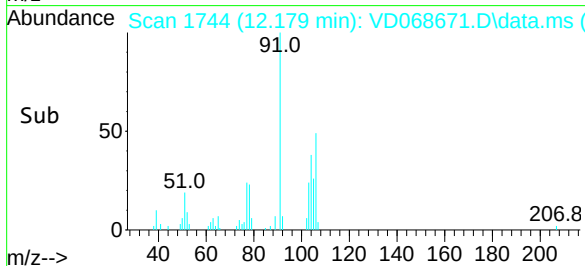
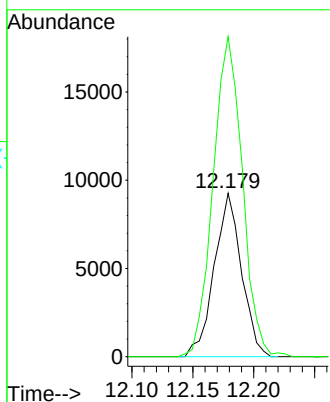
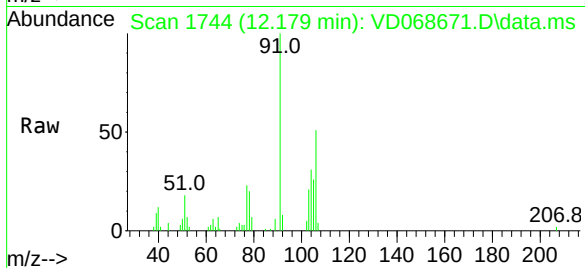




#69
o-Xylene
Concen: 2.37 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

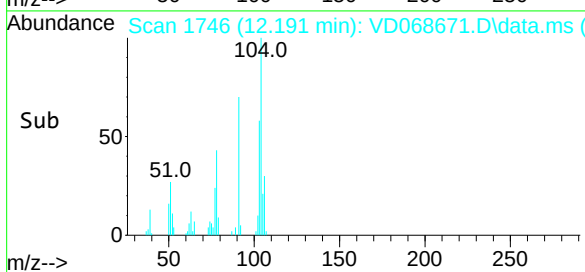
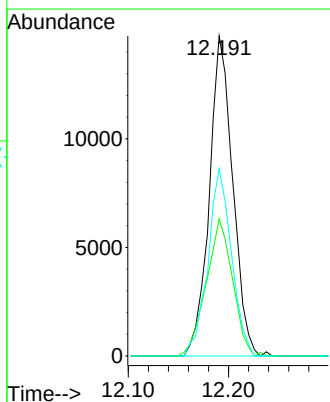
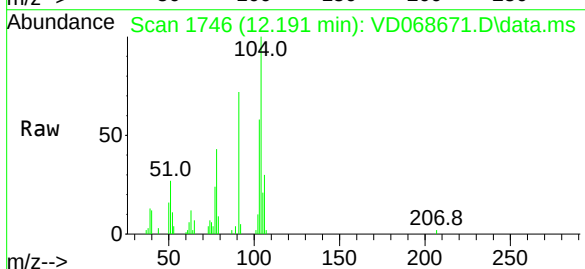
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

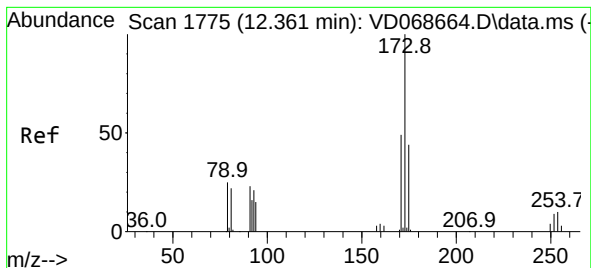
Tgt Ion:106 Resp: 14409
Ion Ratio Lower Upper
106 100
91 210.7 105.0 315.0



#70
Styrene
Concen: 2.29 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. -0.006 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion:104 Resp: 23984
Ion Ratio Lower Upper
104 100
78 47.9 36.9 55.3
103 58.8 44.3 66.5





#71

Bromoform

Concen: 2.36 ug/l

RT: 12.355 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VD068671.D

Acq: 19 Mar 2021 19:38

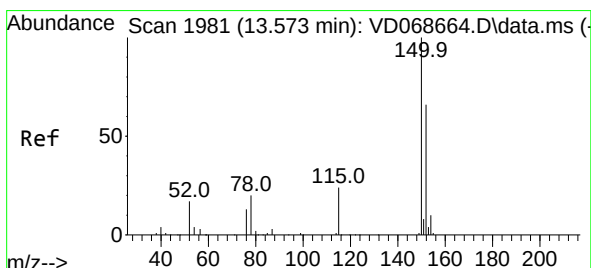
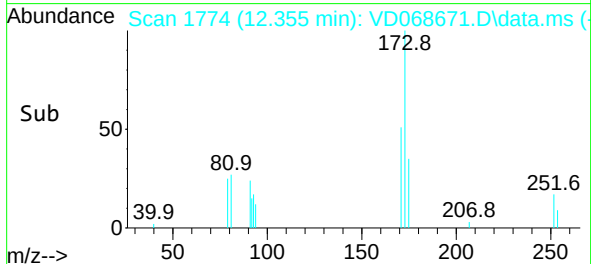
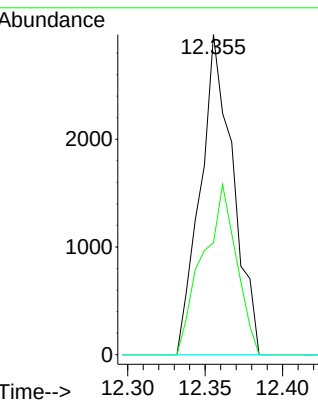
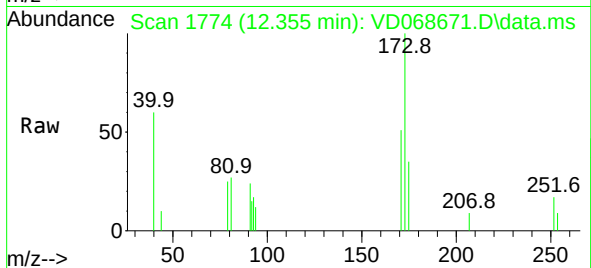
Tgt Ion:173 Resp: 4335

Ion Ratio Lower Upper

173 100

175 55.1 23.6 71.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.573 min Scan# 1981

Delta R.T. 0.000 min

Lab File: VD068671.D

Acq: 19 Mar 2021 19:38

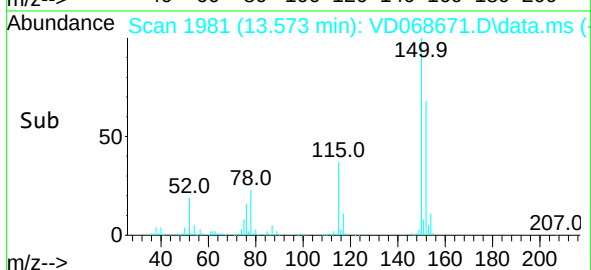
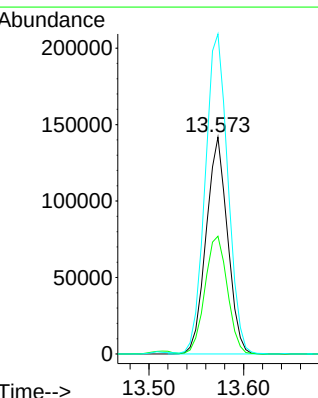
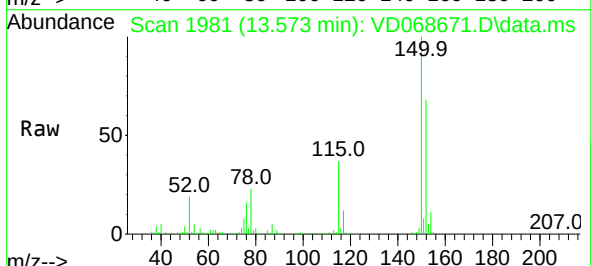
Tgt Ion:152 Resp: 222875

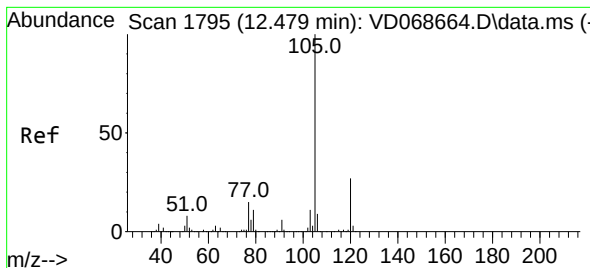
Ion Ratio Lower Upper

152 100

115 56.9 29.3 87.8

150 156.2 0.0 347.6





#73

Isopropylbenzene

Concen: 2.53 ug/l

RT: 12.479 min Scan# 1795

Delta R.T. 0.000 min

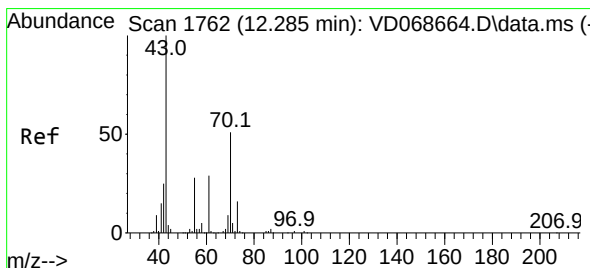
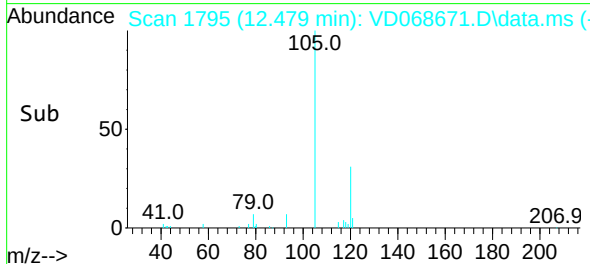
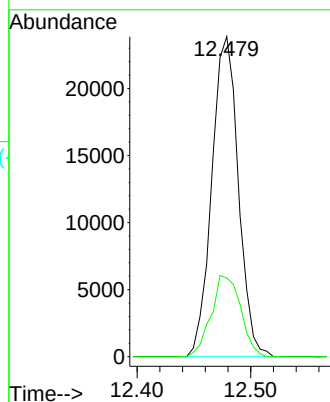
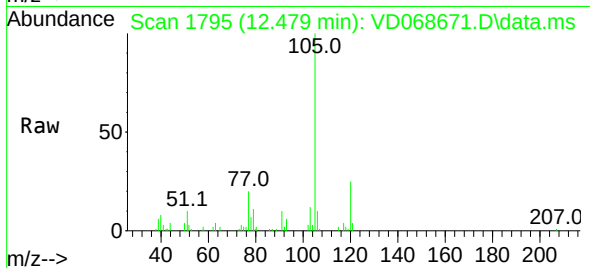
Lab File: VD068671.D

Acq: 19 Mar 2021 19:38

Tgt Ion: 105 Resp: 38781

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
105	100		
120	28.1	13.4	40.2



#74

N-ethyl acetate

Concen: 2.51 ug/l

RT: 12.285 min Scan# 1762

Delta R.T. 0.000 min

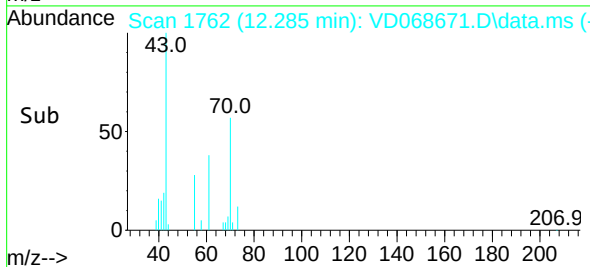
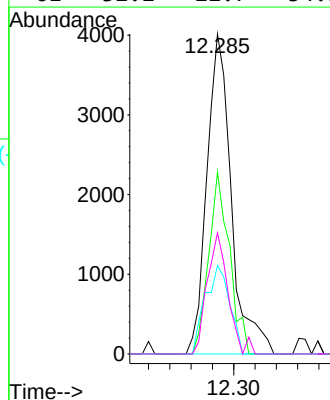
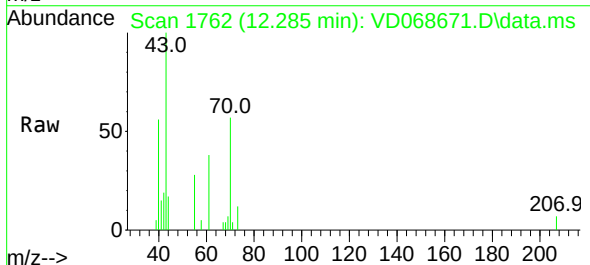
Lab File: VD068671.D

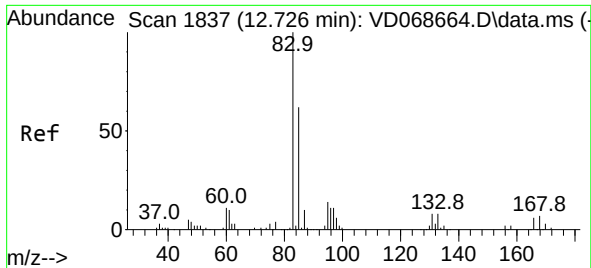
Acq: 19 Mar 2021 19:38

Tgt Ion: 43 Resp: 6409

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
43	100		
70	48.4	41.9	62.9
55	27.6	22.8	34.2
61	32.2	22.7	34.1

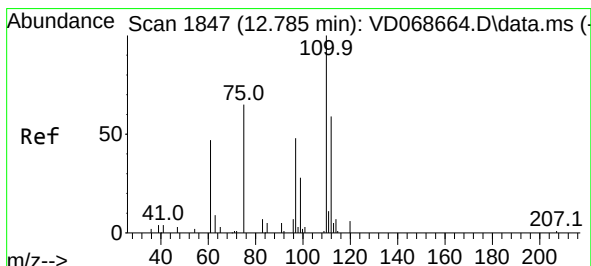
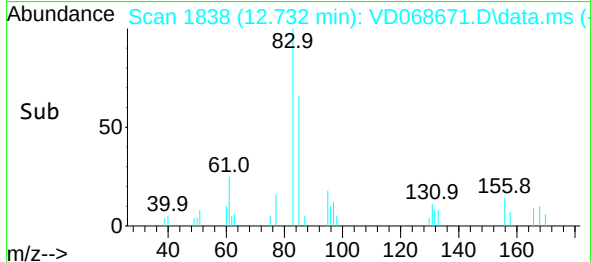
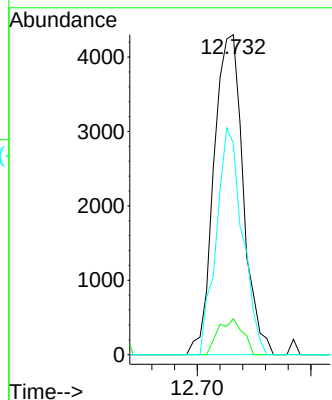
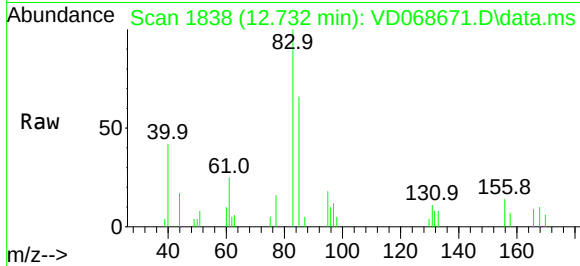




#75
1,1,2,2-Tetrachloroethane
Concen: 2.84 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.006 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

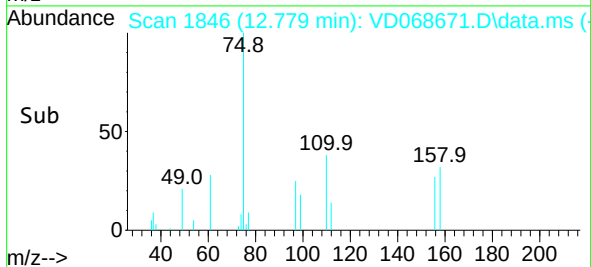
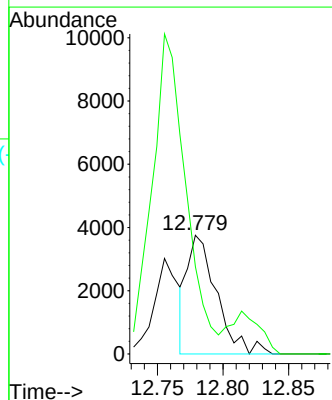
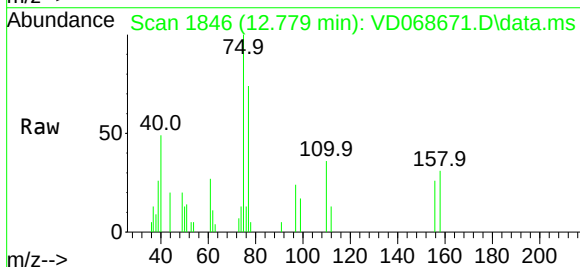
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

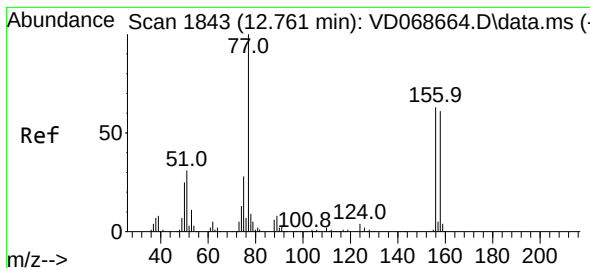
Tgt Ion: 83 Resp: 7697
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.3
85 63.3 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 3.14 ug/l
RT: 12.779 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion: 75 Resp: 5819
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.87 ug/l

RT: 12.761 min Scan# 1843

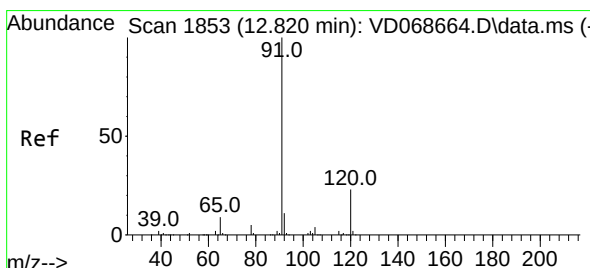
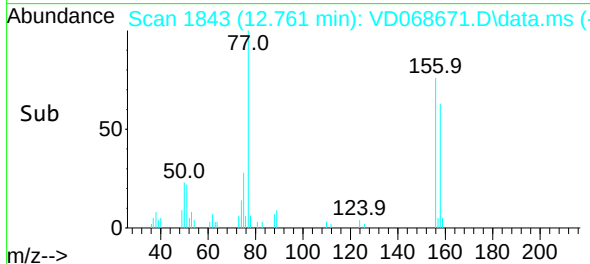
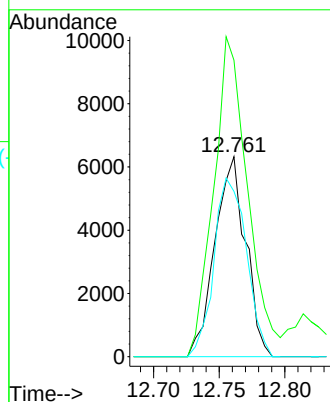
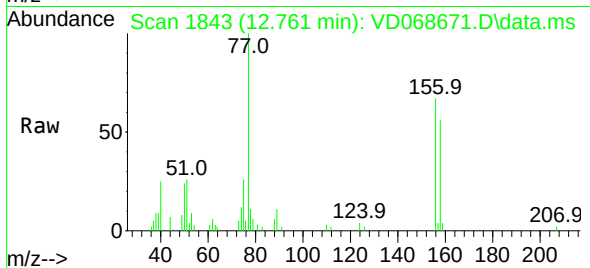
Delta R.T. 0.000 min

Lab File: VD068671.D

Acq: 19 Mar 2021 19:38

Tgt Ion:	156	Resp:	10308
Ion	Ratio	Lower	Upper
156	100		
77	176.3	88.9	266.8
158	94.4	47.7	143.1

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021



#78

n-propylbenzene

Concen: 2.75 ug/l

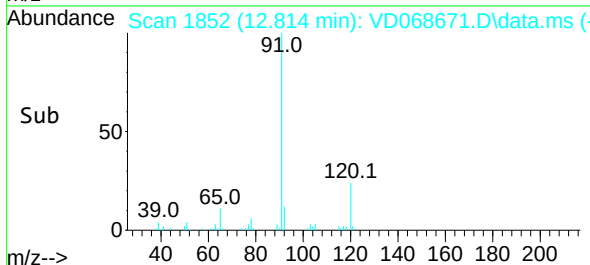
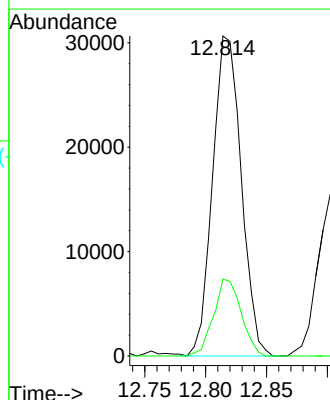
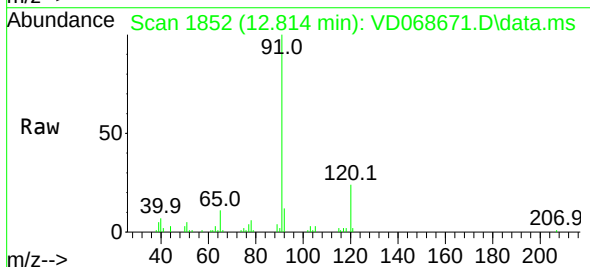
RT: 12.814 min Scan# 1852

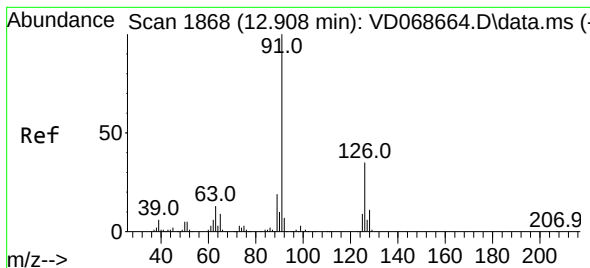
Delta R.T. -0.006 min

Lab File: VD068671.D

Acq: 19 Mar 2021 19:38

Tgt Ion:	91	Resp:	50086
Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.4	34.2

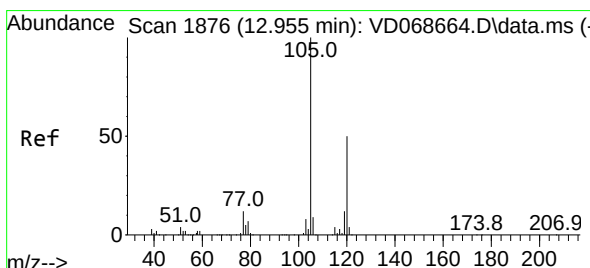
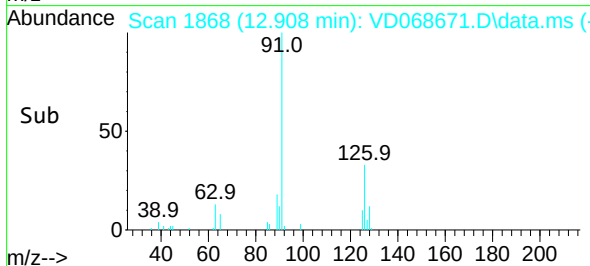
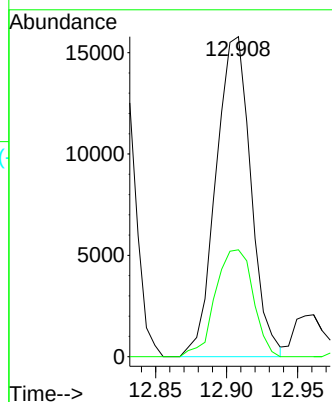
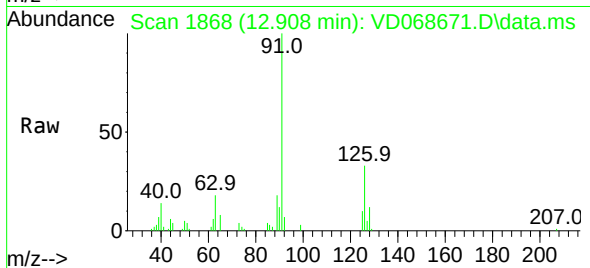




#79
2-Chlorotoluene
Concen: 2.71 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

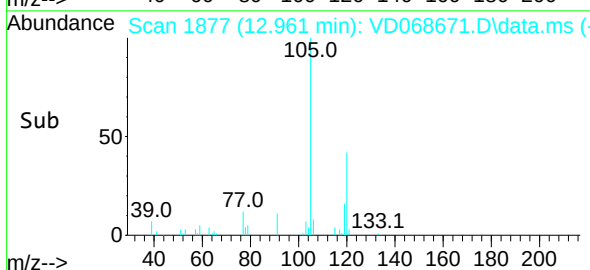
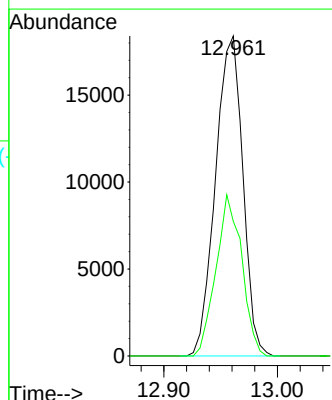
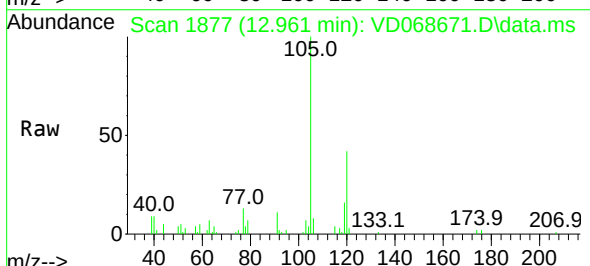
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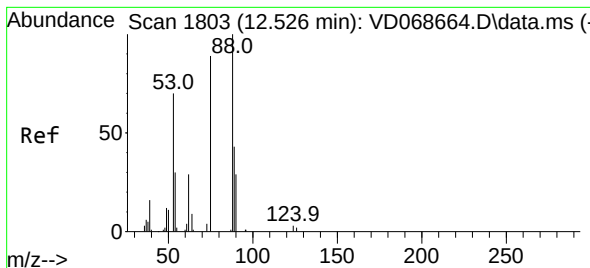
Tgt Ion: 91 Resp: 26997
Ion Ratio Lower Upper
91 100
126 36.1 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 2.48 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion: 105 Resp: 30741
Ion Ratio Lower Upper
105 100
120 47.6 24.9 74.7

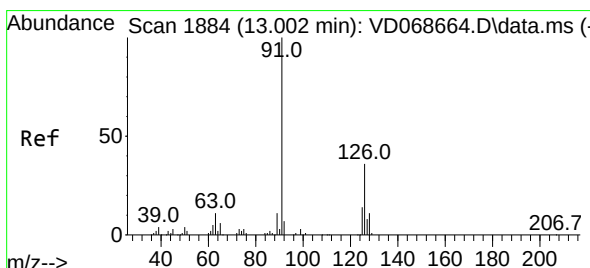
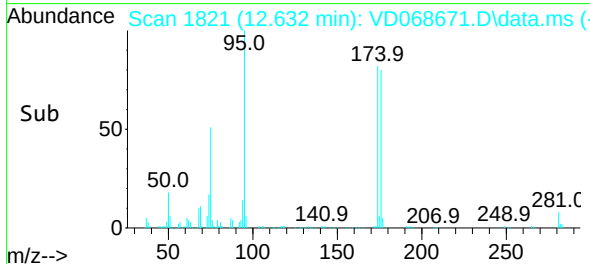
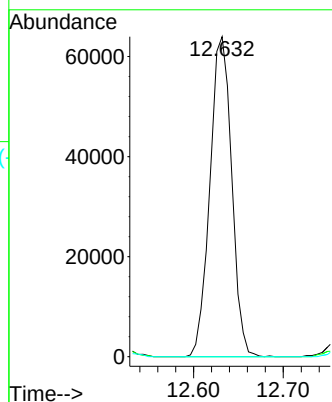
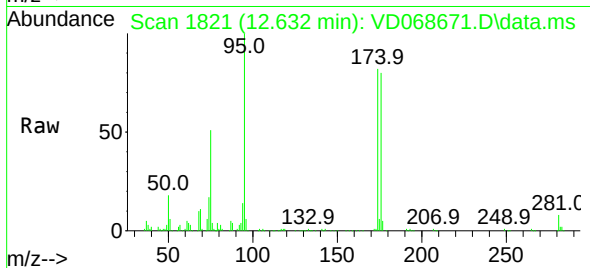




#81
trans-1,4-Dichloro-2-butene
Concen: 132.30 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

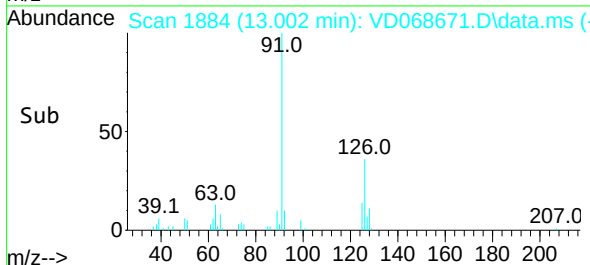
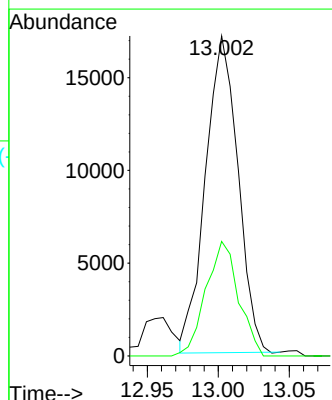
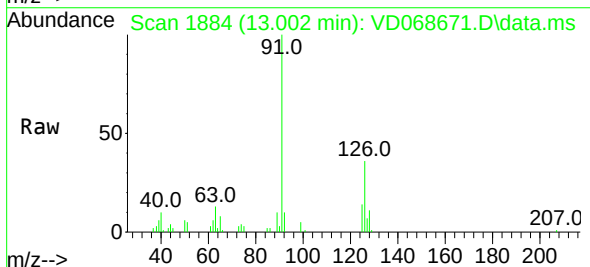
Instrument :
MSVOA_D
ClientSampleId :
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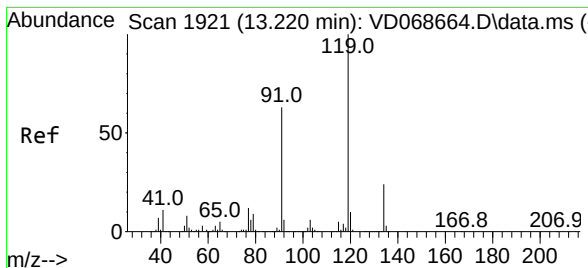
Tgt Ion: 75 Resp: 107868
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#



#82
4-Chlorotoluene
Concen: 2.55 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion: 91 Resp: 27155
Ion Ratio Lower Upper
91 100
126 36.3 17.2 51.5

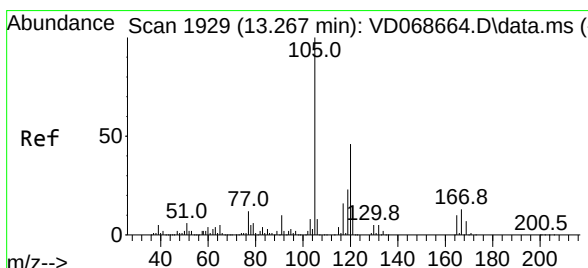
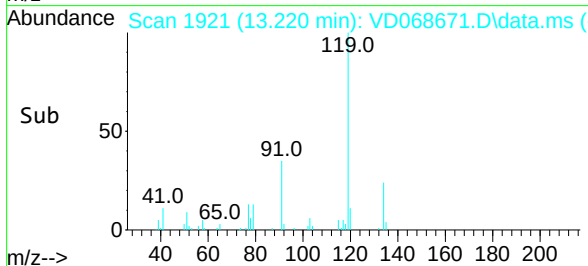
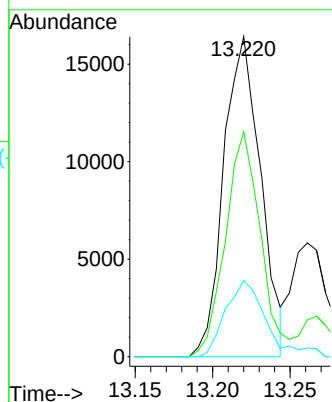
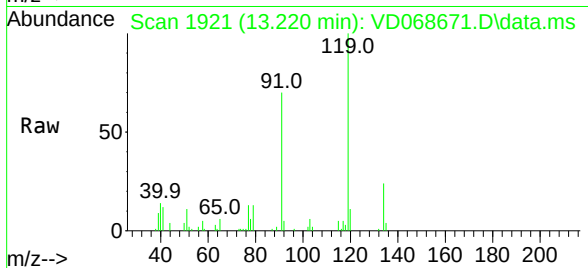




#83
tert-Butylbenzene
Concen: 2.58 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

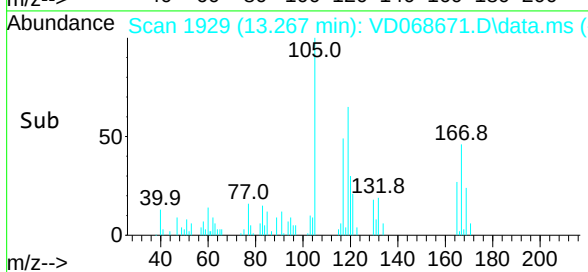
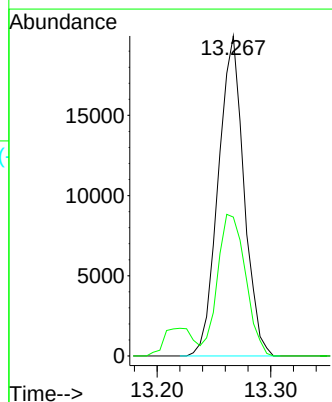
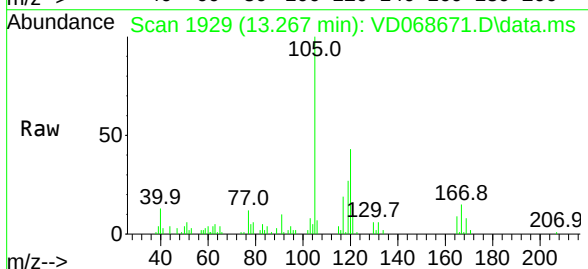
Instrument :
MSVOA_D
ClientSampleId :
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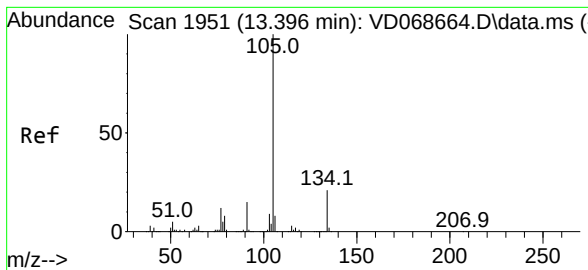
Tgt Ion:119 Resp: 27180
Ion Ratio Lower Upper
119 100
91 66.7 31.6 95.0
134 26.1 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 2.45 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion:105 Resp: 31298
Ion Ratio Lower Upper
105 100
120 48.2 22.6 67.7

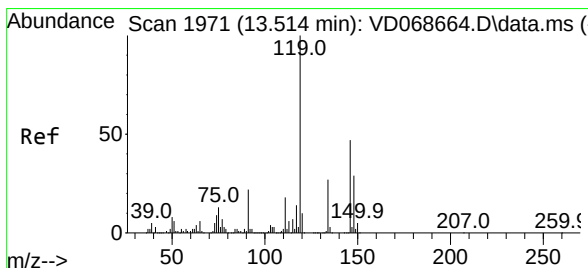
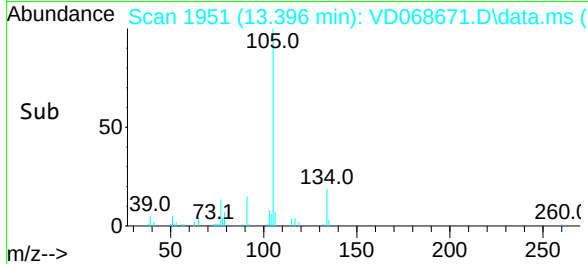
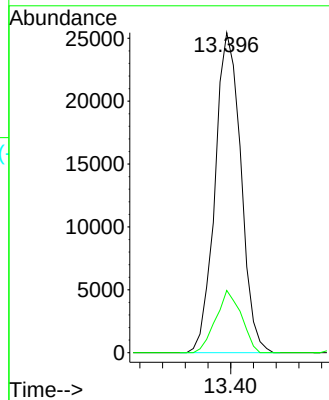
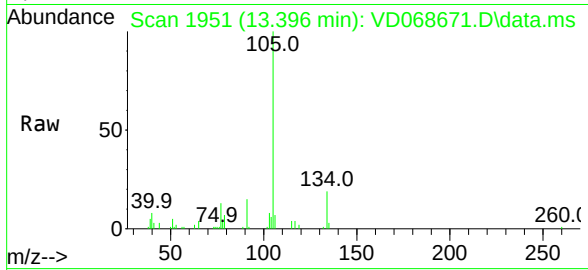




#85
 sec-Butylbenzene
 Concen: 2.62 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD068671.D
 Acq: 19 Mar 2021 19:38

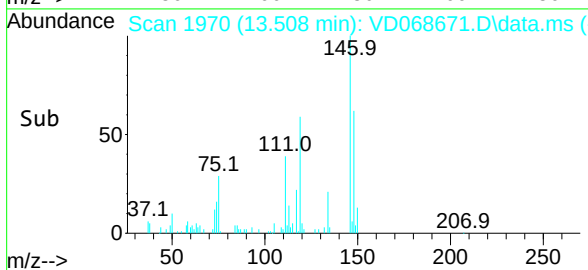
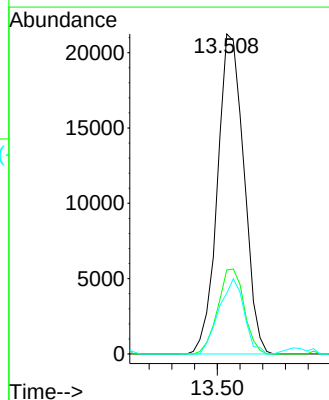
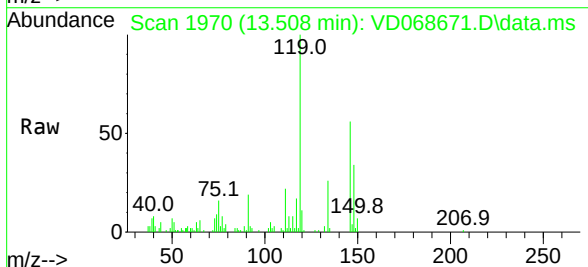
Instrument :
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 ClientSampleId :
 MDL-SOIL-03-QT1-2021

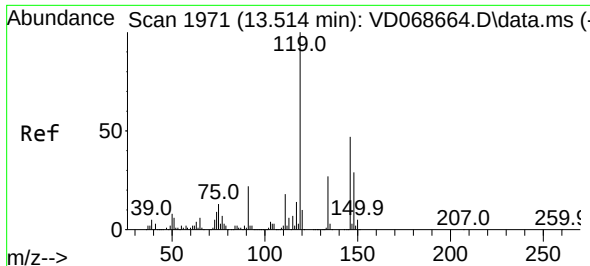
Tgt Ion:105 Resp: 40278
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 2.46 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.006 min
 Lab File: VD068671.D
 Acq: 19 Mar 2021 19:38

Tgt Ion:119 Resp: 34333
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.9
 91 22.4 11.1 33.1

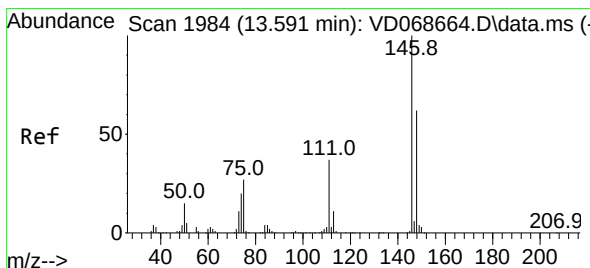
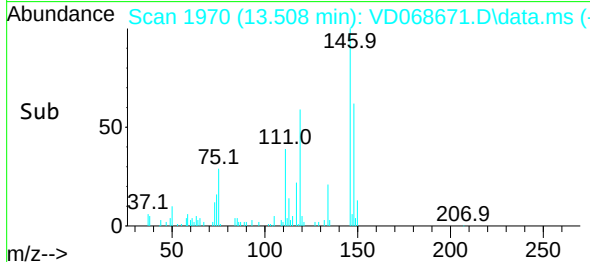
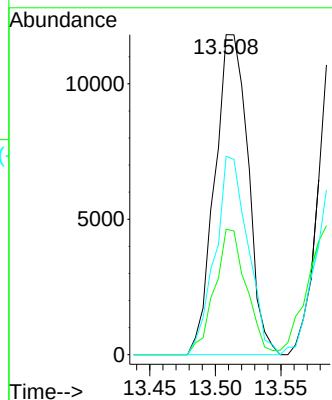
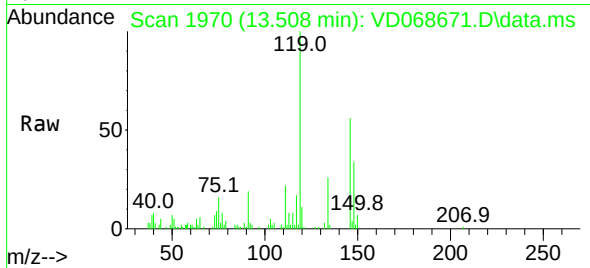




#87
1,3-Dichlorobenzene
Concen: 2.91 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.006 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

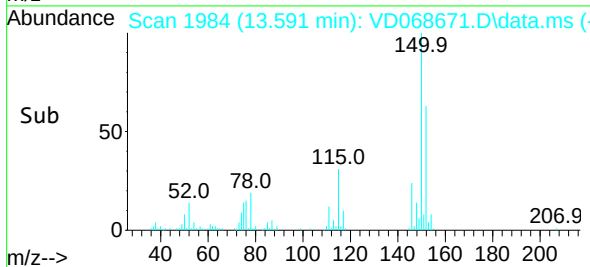
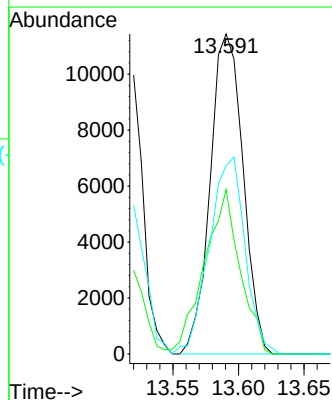
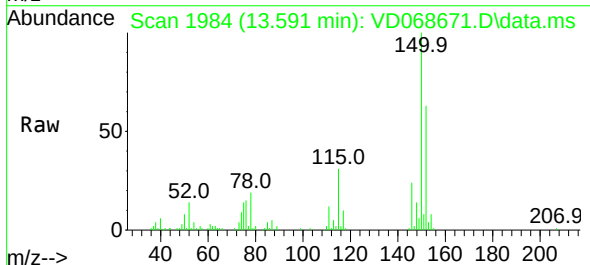
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

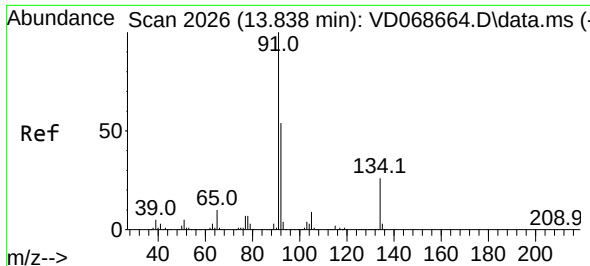
Tgt Ion:146 Resp: 20838
Ion Ratio Lower Upper
146 100
111 37.2 19.3 57.8
148 61.1 30.9 92.8



#88
1,4-Dichlorobenzene
Concen: 2.83 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion:146 Resp: 19932
Ion Ratio Lower Upper
146 100
111 56.1 19.1 57.1
148 67.0 31.6 95.0

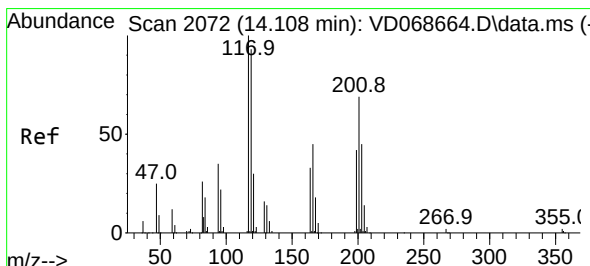
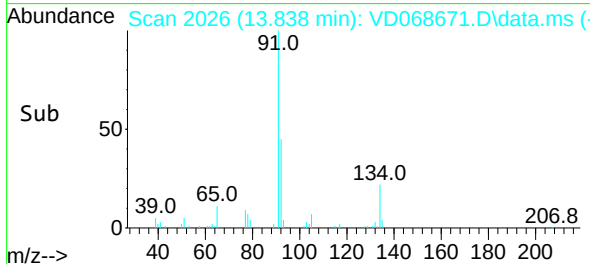
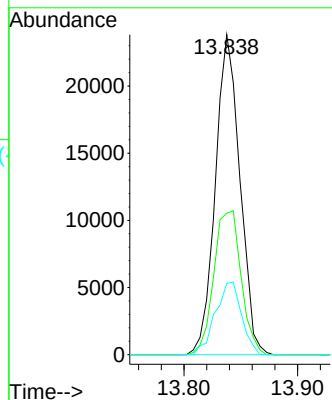
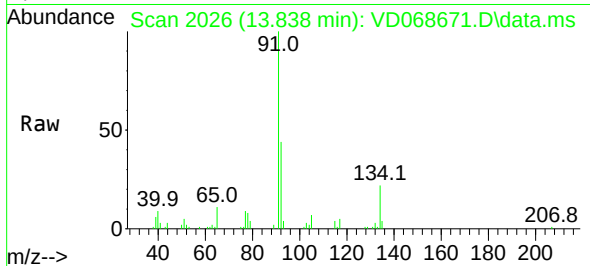




#89
n-Butylbenzene
Concen: 2.70 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

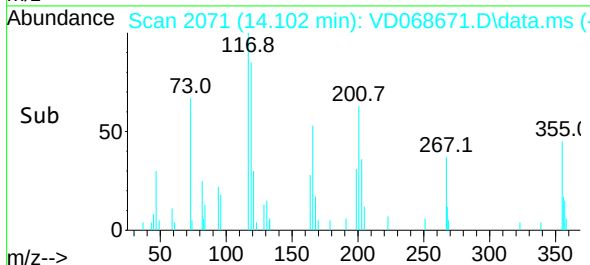
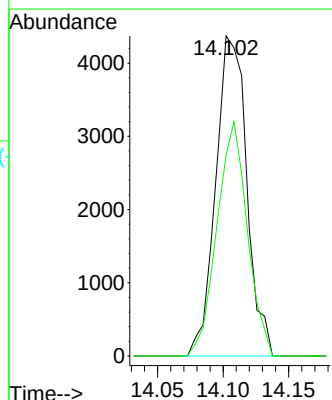
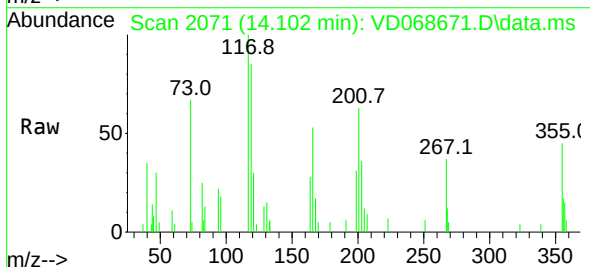
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

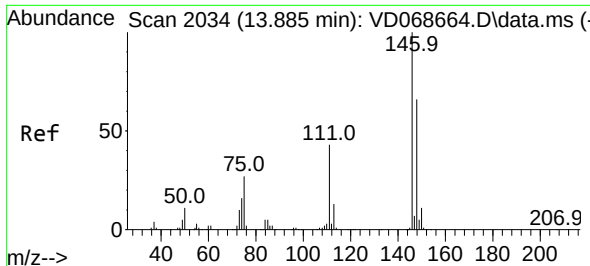
Tgt Ion: 91 Resp: 35760
Ion Ratio Lower Upper
91 100
92 50.0 26.7 80.1
134 24.2 12.9 38.6



#90
Hexachloroethane
Concen: 2.86 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.006 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion: 117 Resp: 7179
Ion Ratio Lower Upper
117 100
201 71.7 35.4 106.2

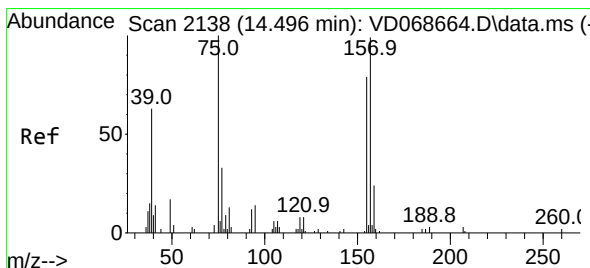
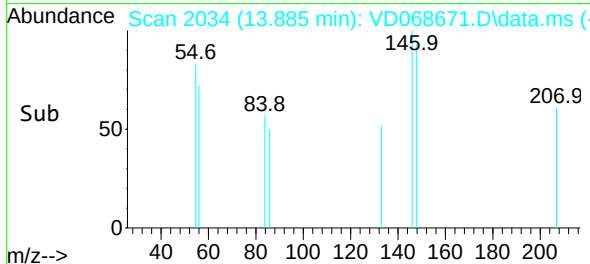
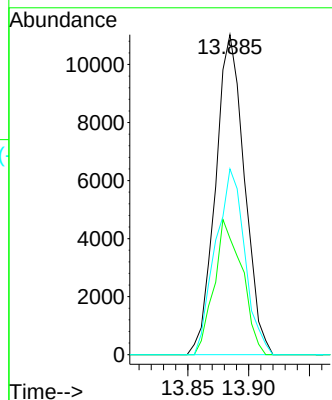
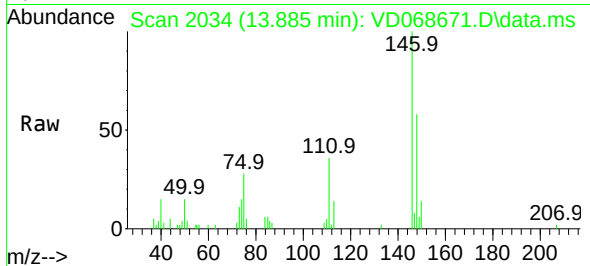




#91
1,2-Dichlorobenzene
Concen: 3.00 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

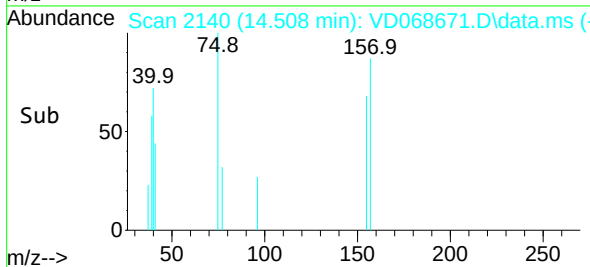
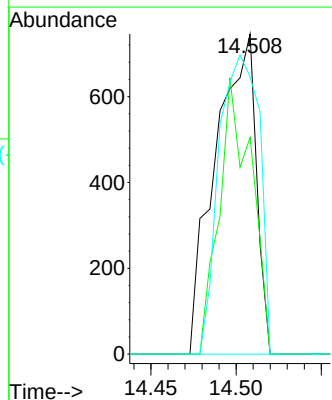
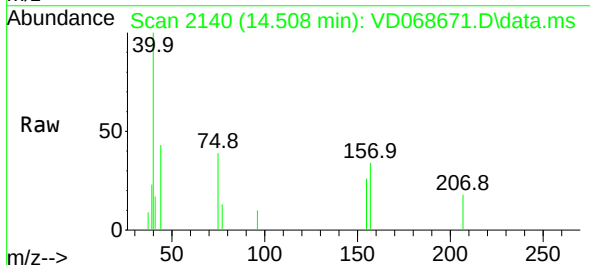
Instrument :
MSVOA_D
ClientSampleId :
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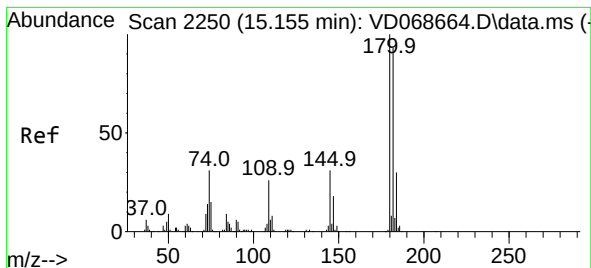
Tgt Ion:	146	Resp:	18236
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.3	60.9
148	58.9	32.2	96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.18 ug/l
RT: 14.508 min Scan# 2140
Delta R.T. 0.012 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion:	75	Resp:	1230
Ion Ratio	Lower	Upper	
75	100		
155	68.5	46.8	140.3
157	93.0	59.8	179.3

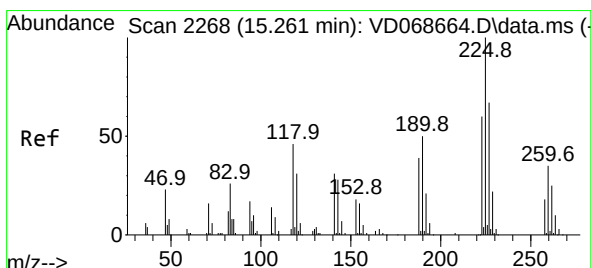
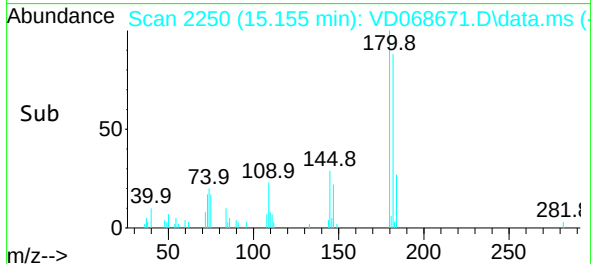
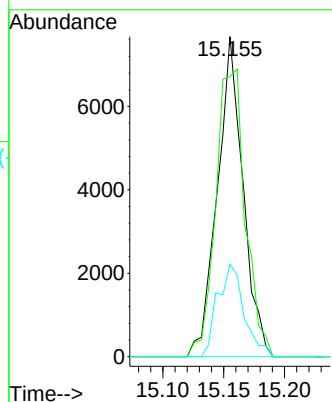
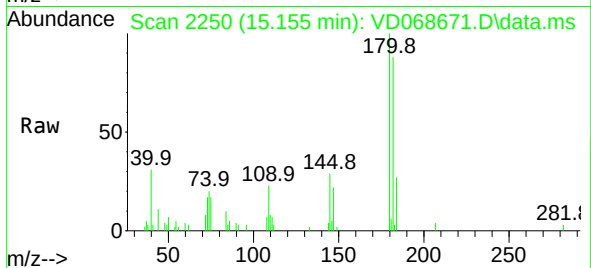




#93
1,2,4-Trichlorobenzene
Concen: 2.85 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

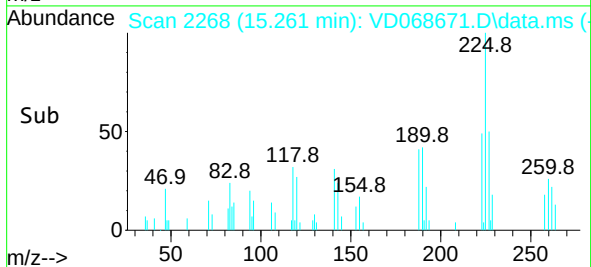
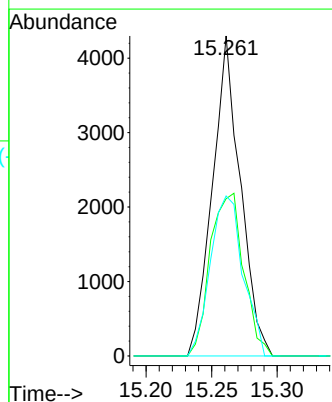
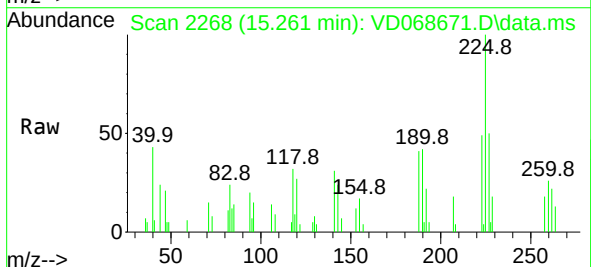
Instrument :
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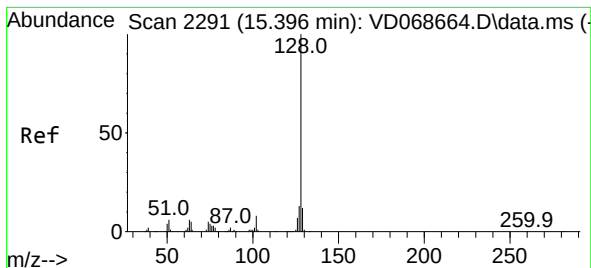
Tgt Ion:	180	Resp:	11255
Ion Ratio	Lower	Upper	
180	100		
182	103.5	47.9	143.8
145	29.7	15.2	45.6



#94
Hexachlorobutadiene
Concen: 2.82 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion:	225	Resp:	6358
Ion Ratio	Lower	Upper	
225	100		
223	60.9	30.6	91.6
227	58.7	31.4	94.0

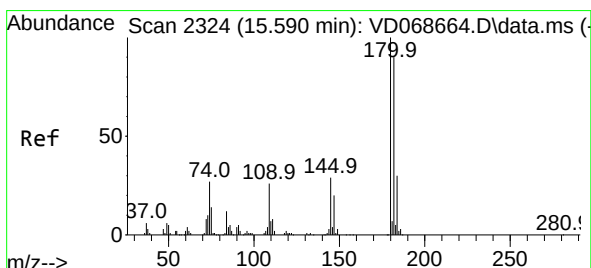
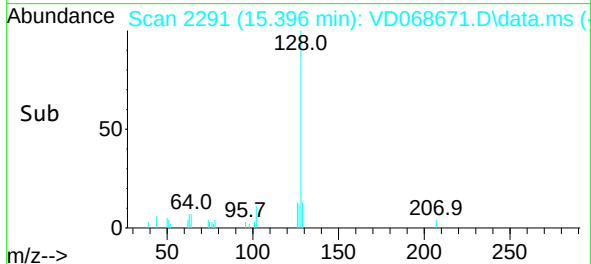
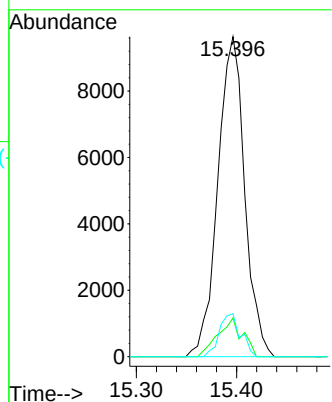
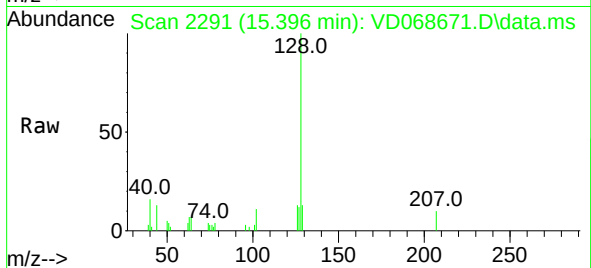




#95
Naphthalene
Concen: 2.59 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:	128	Resp:	17928
Ion	Ratio	Lower	Upper
128	100		
127	11.1	10.2	15.4
129	10.6	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 2.95 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068671.D
Acq: 19 Mar 2021 19:38

Tgt Ion:	180	Resp:	9941
Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.5	139.3
145	32.9	15.8	47.4

