

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
 Data File : VD069826.D
 Acq On : 23 Jul 2021 13:57
 Operator : VA/SY
 Sample : M2940-01 4PPBLOD
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Quant Time: Jul 24 02:18:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 24 02:17:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	575385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1063306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	996723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	441225	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	354842	53.622	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.240%	
35) Dibromofluoromethane	7.914	113	351948	52.505	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.020%	
50) Toluene-d8	10.338	98	1312646	50.786	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.580%	
62) 4-Bromofluorobenzene	12.626	95	418804	48.484	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.960%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	24926	4.116	ug/l	96
3) Chloromethane	2.209	50	36858	4.195	ug/l	99
4) Vinyl Chloride	2.350	62	39647	4.291	ug/l	98
5) Bromomethane	2.762	94	29927	4.945	ug/l	88
6) Chloroethane	2.926	64	25585	4.272	ug/l	91
7) Trichlorofluoromethane	3.268	101	50217	4.402	ug/l	97
8) Diethyl Ether	3.715	74	13158	4.101	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	32652	4.507	ug/l	98
10) Methyl Iodide	4.297	142	22618	3.573	ug/l	96
11) Tert butyl alcohol	5.209	59	6448	18.831	ug/l #	73
12) 1,1-Dichloroethene	4.073	96	26467	4.020	ug/l	94
13) Acrolein	3.920	56	8607	17.956	ug/l	92
14) Allyl chloride	4.715	41	40257	4.171	ug/l	97
15) Acrylonitrile	5.420	53	30127	19.960	ug/l	97
16) Acetone	4.162	43	29070	24.318	ug/l	91
17) Carbon Disulfide	4.409	76	95535	4.059	ug/l	100
18) Methyl Acetate	4.726	43	17358	5.004	ug/l #	78
19) Methyl tert-butyl Ether	5.467	73	49251	3.611	ug/l	95
20) Methylene Chloride	4.967	84	174971	16.070	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	32393	4.176	ug/l	91
22) Diisopropyl ether	6.367	45	73428	3.501	ug/l #	89
23) Vinyl Acetate	6.309	43	135995	13.536	ug/l	96
24) 1,1-Dichloroethane	6.261	63	61954	4.277	ug/l	96
25) 2-Butanone	7.209	43	31336	19.330	ug/l	92
26) 2,2-Dichloropropane	7.209	77	49764	4.518	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	32976	3.984	ug/l	97
28) Bromochloromethane	7.544	49	23216	4.221	ug/l	95
29) Tetrahydrofuran	7.567	42	18632	17.765	ug/l	98
30) Chloroform	7.708	83	61053	4.192	ug/l	91
31) Cyclohexane	7.979	56	59021	4.565	ug/l #	75
32) 1,1,1-Trichloroethane	7.908	97	50692	4.205	ug/l	97
36) 1,1-Dichloropropene	8.114	75	45264	3.945	ug/l	97
37) Ethyl Acetate	7.291	43	17209	4.120	ug/l #	73
38) Carbon Tetrachloride	8.097	117	42303	4.036	ug/l	98
39) Methylcyclohexane	9.355	83	47362	3.604	ug/l	96
40) Benzene	8.350	78	134488	4.046	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	7126	3.251	ug/l	97
42) 1,2-Dichloroethane	8.420	62	37075	4.217	ug/l	100
43) Isopropyl Acetate	8.450	43	28766	3.840	ug/l	94
44) Trichloroethene	9.114	130	32076	3.918	ug/l	84
45) 1,2-Dichloropropane	9.385	63	34473	3.948	ug/l	92
46) Dibromomethane	9.473	93	18239	4.249	ug/l	92
47) Bromodichloromethane	9.661	83	46043	4.129	ug/l	89
48) Methyl methacrylate	9.461	41	10991	3.049	ug/l #	84
49) 1,4-Dioxane	9.455	88	3585	79.055	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	69234	17.758	ug/l	94
52) Toluene	10.397	92	83822	4.157	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	37464	4.002	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	43915	3.875	ug/l	92
55) 1,1,2-Trichloroethane	10.797	97	24760	4.084	ug/l	97
56) Ethyl methacrylate	10.655	69	22285	3.357	ug/l	98
57) 1,3-Dichloropropane	10.938	76	40051	3.904	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.938	63	47245	16.616	ug/l	95
59) 2-Hexanone	10.979	43	43200	16.752	ug/l	95
60) Dibromochloromethane	11.138	129	27098	3.947	ug/l	94
61) 1,2-Dibromoethane	11.244	107	22508	4.124	ug/l	96
64) Tetrachloroethene	10.873	164	26571	4.182	ug/l	96
65) Chlorobenzene	11.667	112	85004	4.116	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	30264	4.074	ug/l	97
67) Ethyl Benzene	11.738	91	133401	3.669	ug/l	93
68) m/p-Xylenes	11.849	106	95956	6.808	ug/l	98
69) o-Xylene	12.179	106	41951	3.274	ug/l	93
70) Styrene	12.185	104	71823	3.235	ug/l	98
71) Bromoform	12.349	173	13836	3.835	ug/l #	96
73) Isopropylbenzene	12.473	105	109820	3.464	ug/l	97
74) N-amyl acetate	12.285	43	24248	3.718	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.726	83	27000	4.265	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	32964	7.029	ug/l #	1
77) Bromobenzene	12.755	156	28861	4.042	ug/l	97
78) n-propylbenzene	12.814	91	154676	3.799	ug/l	98
79) 2-Chlorotoluene	12.902	91	90353	3.820	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	93638	3.453	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	209156	135.296	ug/l #	16
82) 4-Chlorotoluene	12.996	91	96208	3.891	ug/l	99
83) tert-Butylbenzene	13.214	119	76570	3.473	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	92724	3.466	ug/l	96
85) sec-Butylbenzene	13.391	105	124262	3.565	ug/l	98
86) p-Isopropyltoluene	13.508	119	95349	3.367	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	60550	4.039	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	63150	4.226	ug/l	92
89) n-Butylbenzene	13.832	91	102296	3.660	ug/l	97
90) Hexachloroethane	14.102	117	25460	4.244	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	51910	4.012	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	4056	4.449	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	25223	3.613	ug/l	95
94) Hexachlorobutadiene	15.255	225	17869	4.184	ug/l	95
95) Naphthalene	15.390	128	41445	3.326	ug/l	96
96) 1,2,3-Trichlorobenzene	15.579	180	22283	3.691	ug/l	95

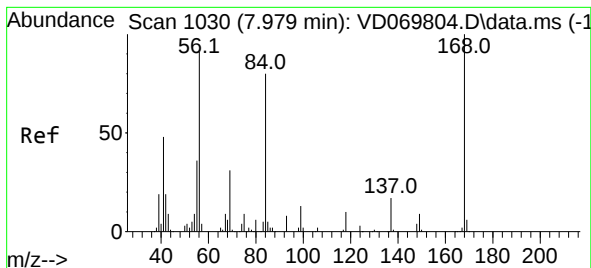
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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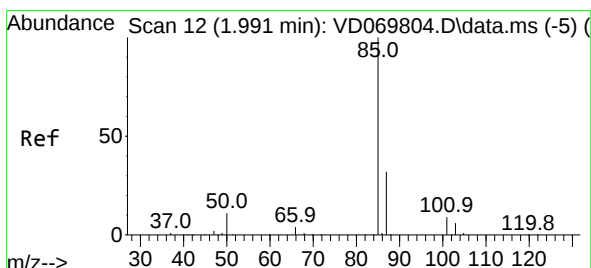
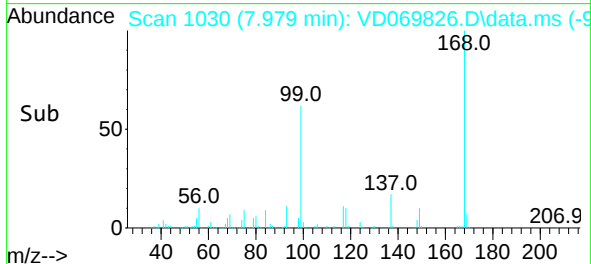
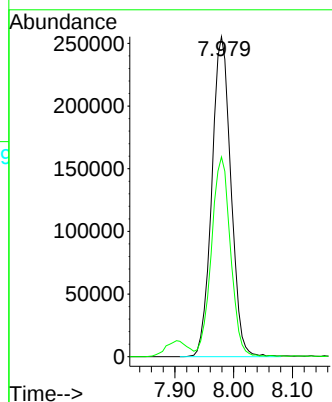
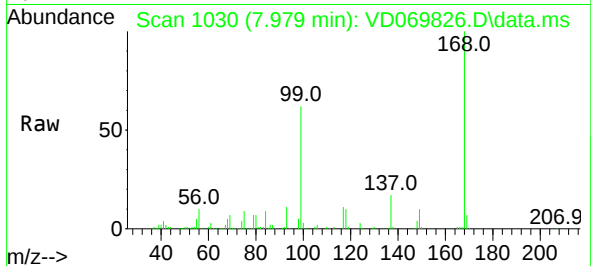
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

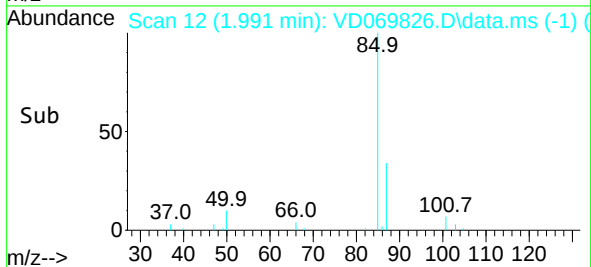
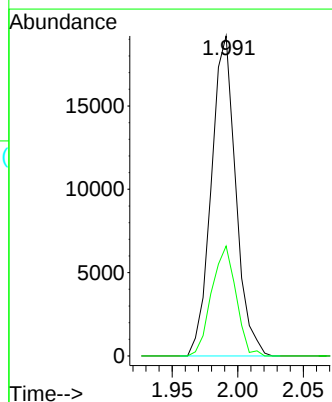
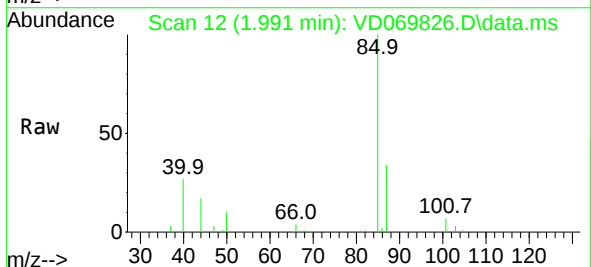
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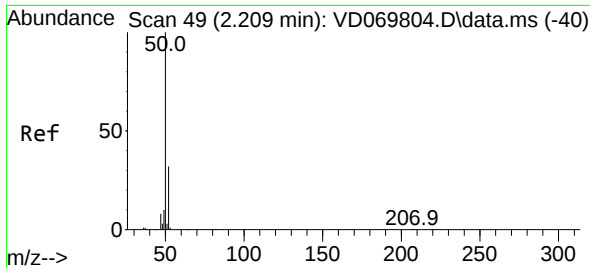
Tgt Ion:168 Resp: 575385
Ion Ratio Lower Upper
168 100
99 62.1 51.1 76.7



#2
Dichlorodifluoromethane
Concen: 4.116 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 85 Resp: 24926
Ion Ratio Lower Upper
85 100
87 34.4 16.1 48.3

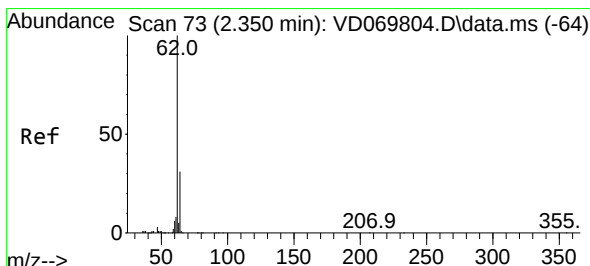
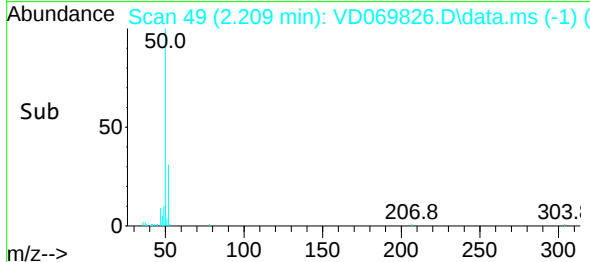
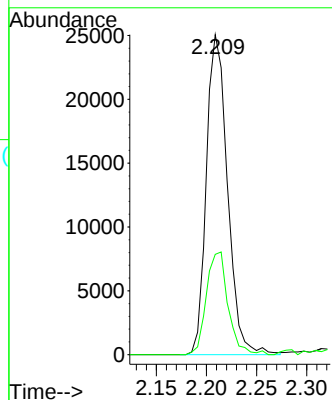
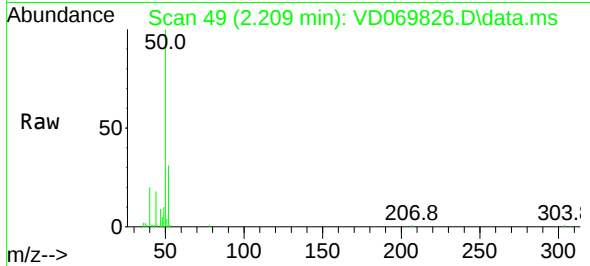




#3
Chloromethane
Concen: 4.195 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

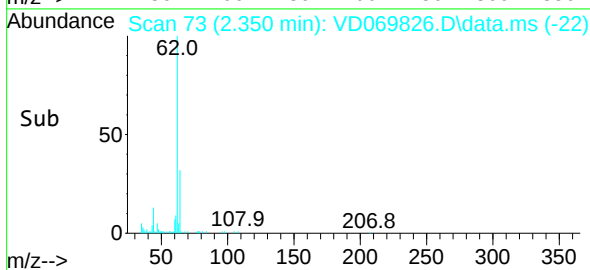
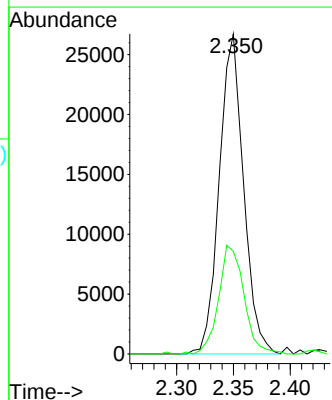
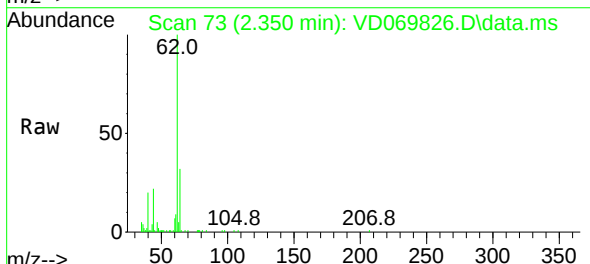
Instrument :
MSVOA_D
ClientSampleId :
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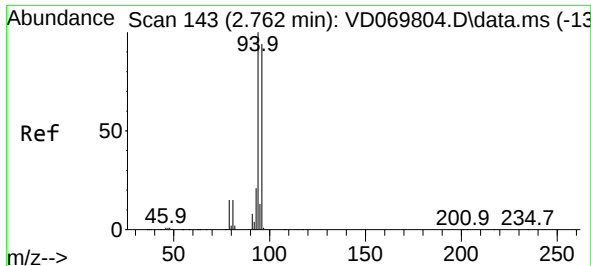
Tgt Ion: 50 Resp: 36858
Ion Ratio Lower Upper
50 100
52 31.4 25.7 38.5



#4
Vinyl Chloride
Concen: 4.291 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 62 Resp: 39647
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.4

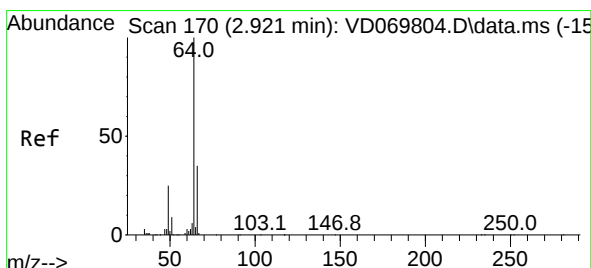
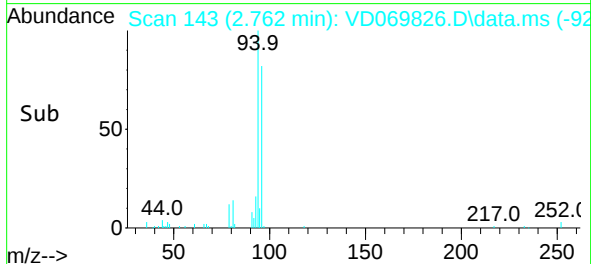
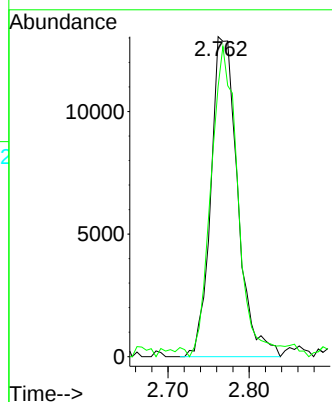
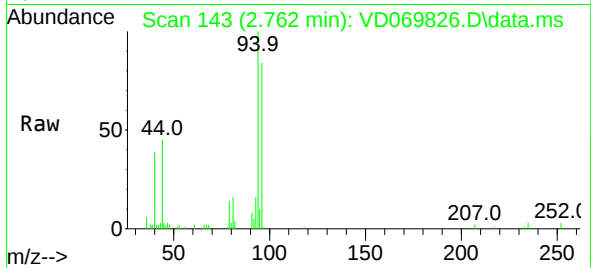




#5
Bromomethane
Concen: 4.945 ug/l
RT: 2.762 min Scan# 143
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

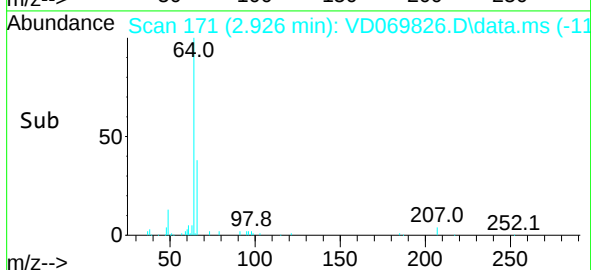
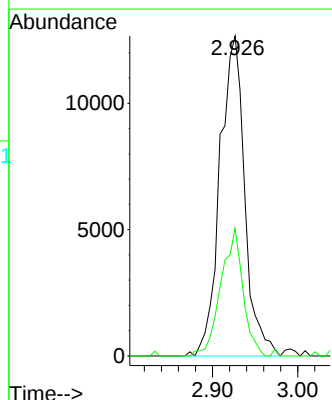
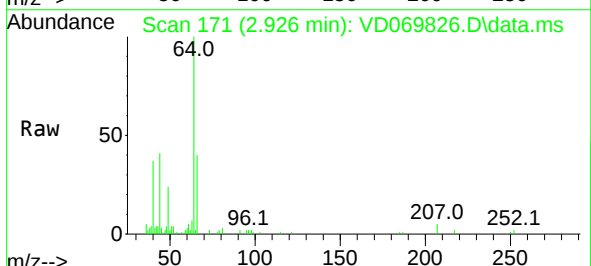
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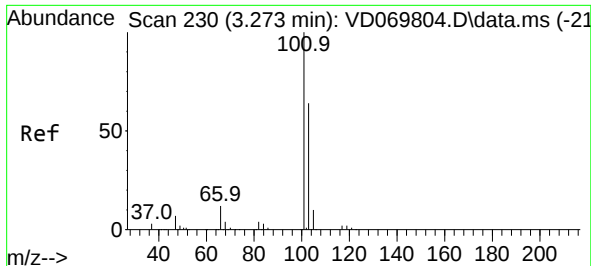
Tgt Ion: 94 Resp: 29927
Ion Ratio Lower Upper
94 100
96 81.6 74.8 112.2



#6
Chloroethane
Concen: 4.272 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.006 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 64 Resp: 25585
Ion Ratio Lower Upper
64 100
66 39.8 27.8 41.6

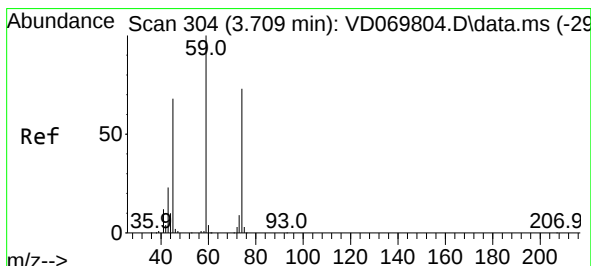
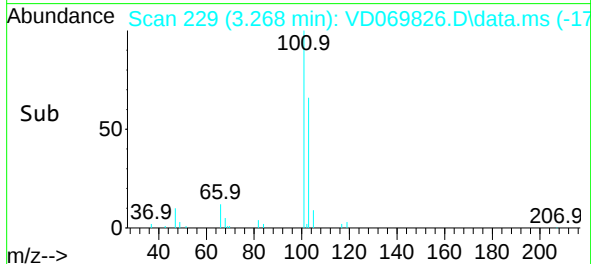
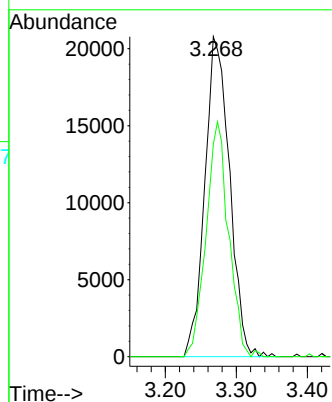
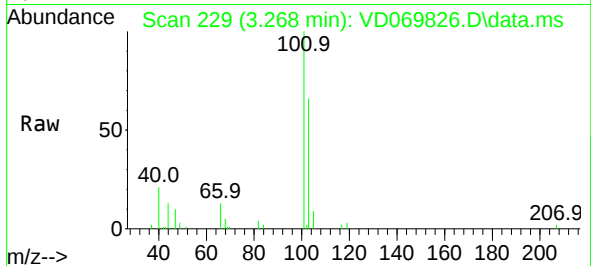




#7
Trichlorofluoromethane
Concen: 4.402 ug/l
RT: 3.268 min Scan# 229
Delta R.T. -0.006 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

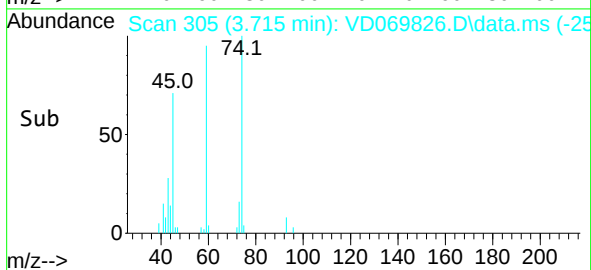
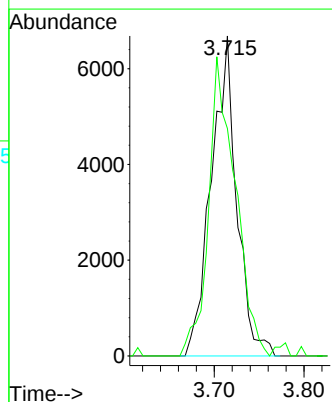
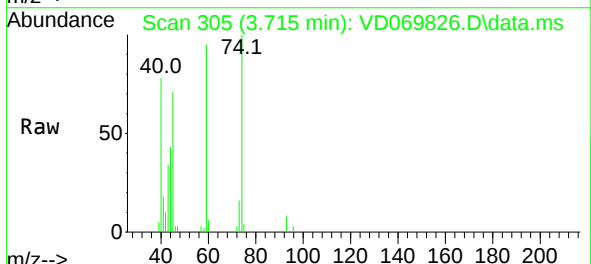
Instrument :
MSVOA_D
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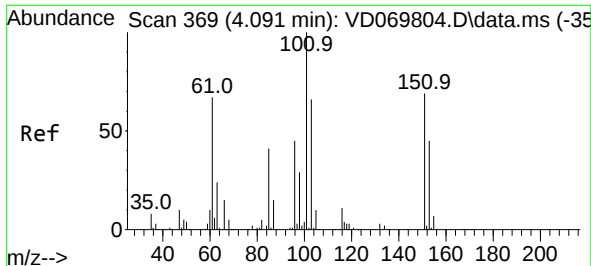
Tgt Ion:101 Resp: 50217
Ion Ratio Lower Upper
101 100
103 66.4 51.3 76.9



#8
Diethyl Ether
Concen: 4.101 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.006 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 74 Resp: 13158
Ion Ratio Lower Upper
74 100
45 98.5 46.8 140.4

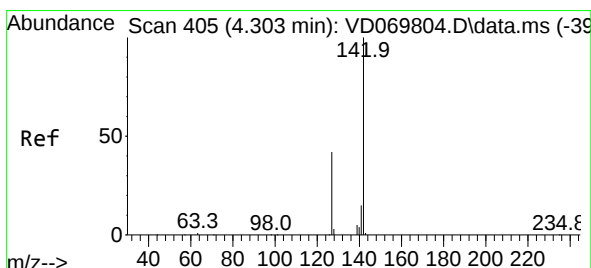
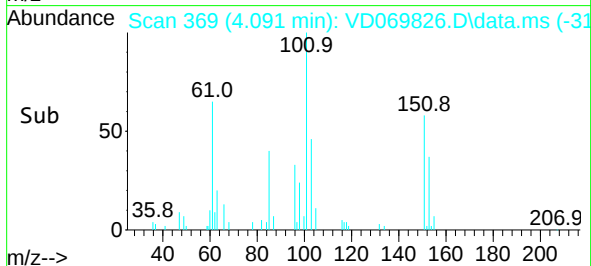
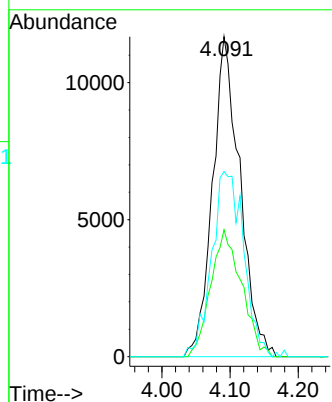
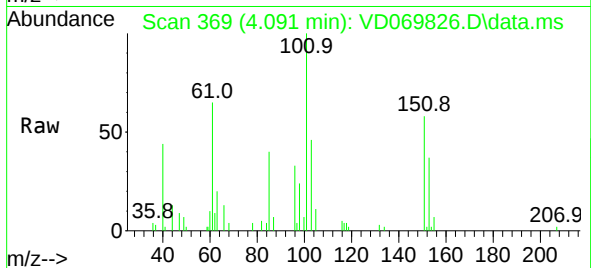




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.507 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

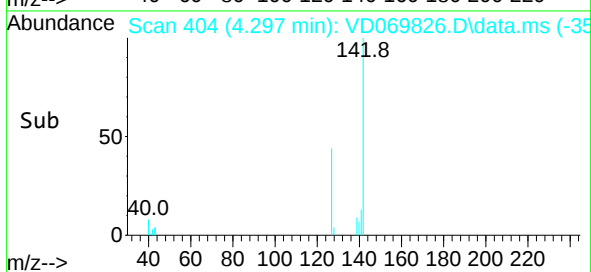
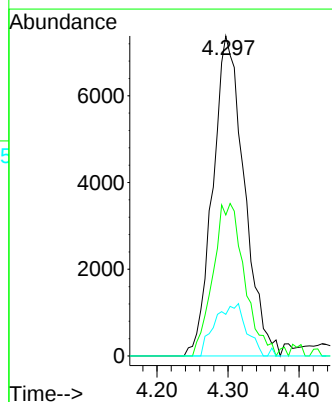
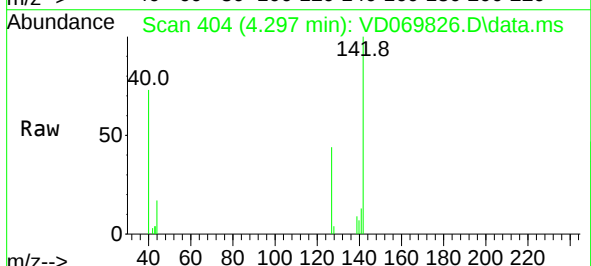
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

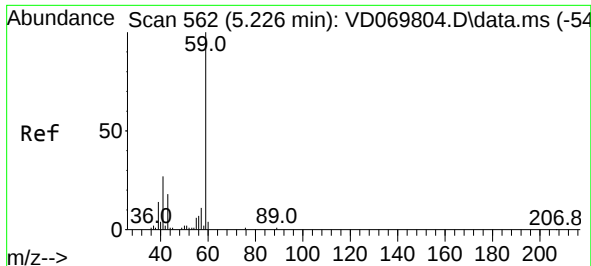
Tgt Ion:101 Resp: 32652
Ion Ratio Lower Upper
101 100
85 44.5 34.7 52.1
151 67.3 55.4 83.0



#10
Methyl Iodide
Concen: 3.573 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

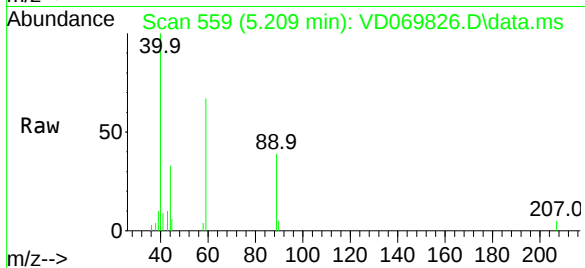
Tgt Ion:142 Resp: 22618
Ion Ratio Lower Upper
142 100
127 47.8 35.7 53.5
141 16.3 12.0 18.0



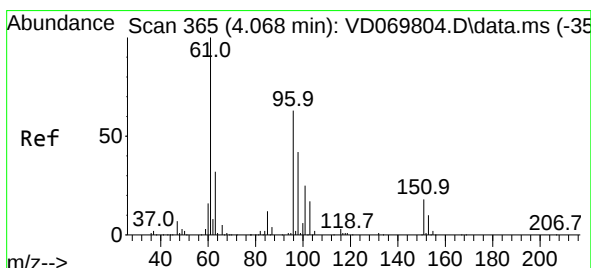
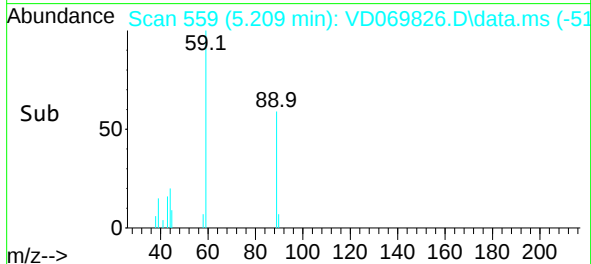
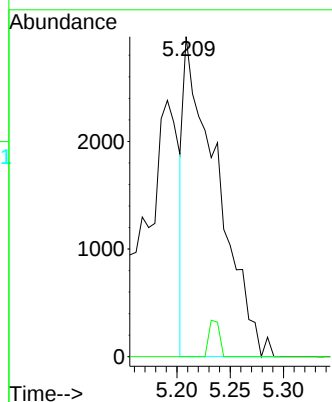


#11
Tert butyl alcohol
Concen: 18.831 ug/l
RT: 5.209 min Scan# 559
Delta R.T. -0.018 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

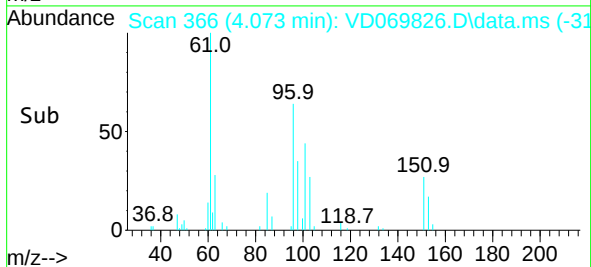
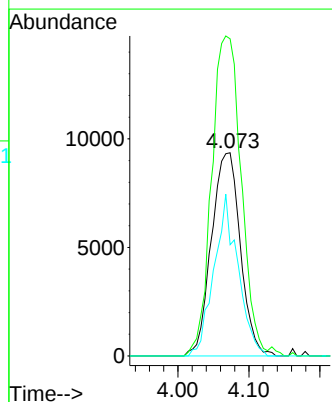
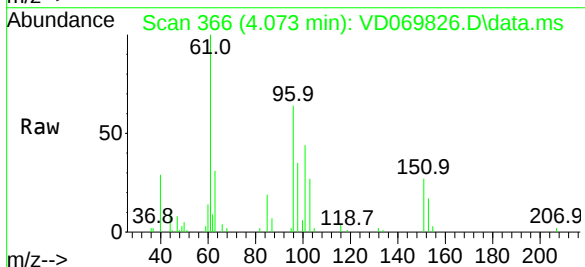


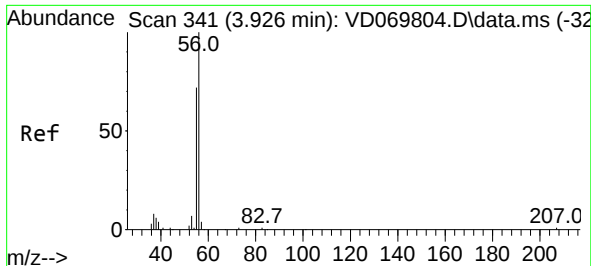
Tgt Ion: 59 Resp: 6448
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 4.020 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.006 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 96 Resp: 26467
Ion Ratio Lower Upper
96 100
61 156.0 126.9 190.3
98 54.7 53.2 79.8

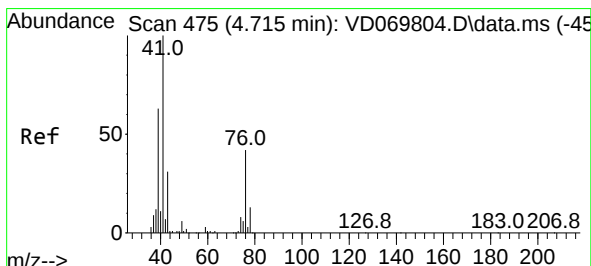
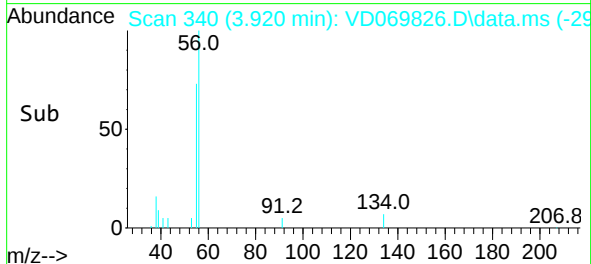
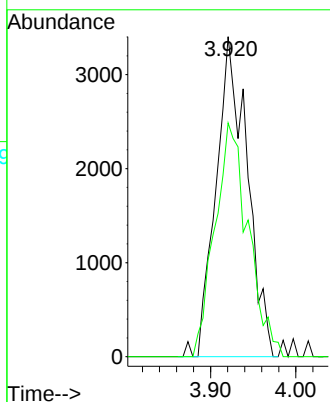
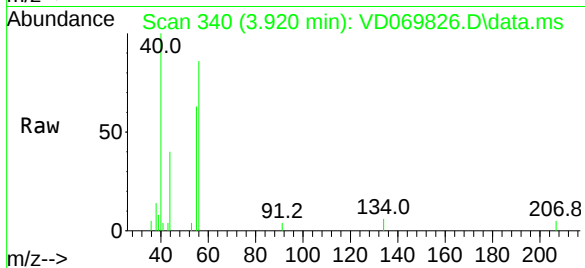




#13
Acrolein
Concen: 17.956 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

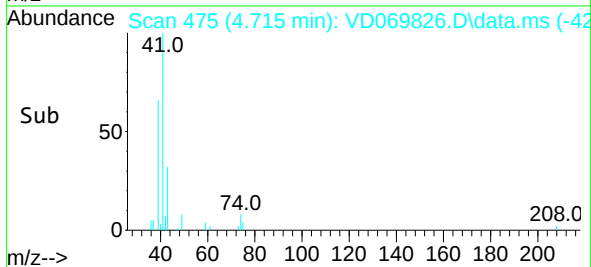
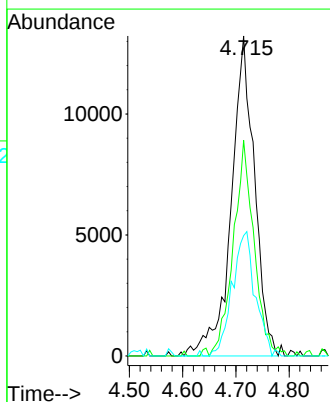
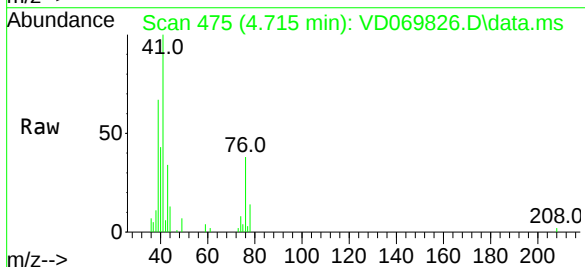
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

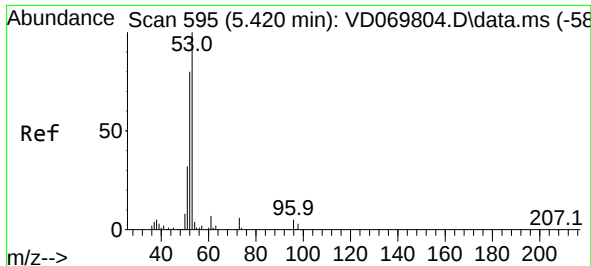
Tgt Ion: 56 Resp: 8607
Ion Ratio Lower Upper
56 100
55 78.4 57.2 85.8



#14
Allyl chloride
Concen: 4.171 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 41 Resp: 40257
Ion Ratio Lower Upper
41 100
39 60.0 49.8 74.6
76 38.3 31.8 47.8

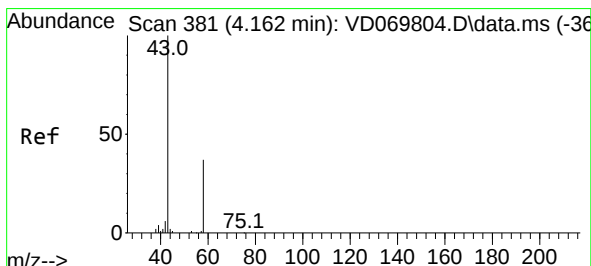
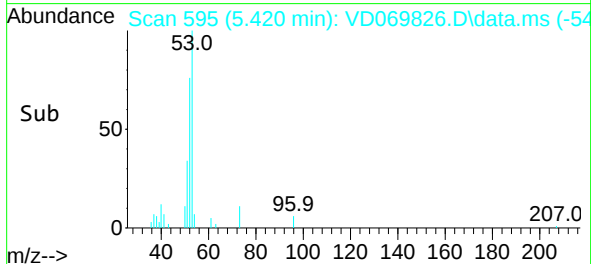
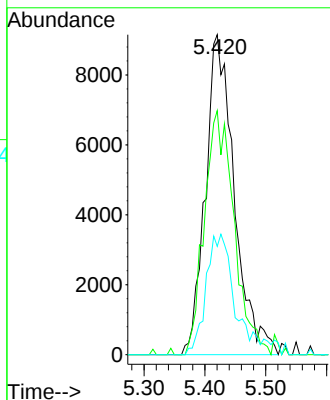
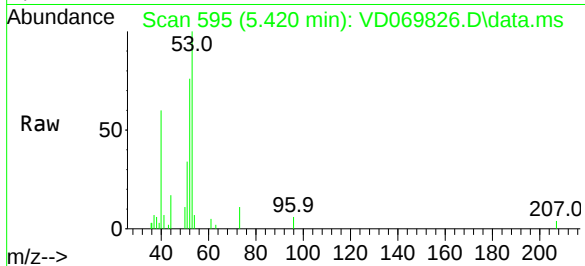




#15
Acrylonitrile
Concen: 19.960 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

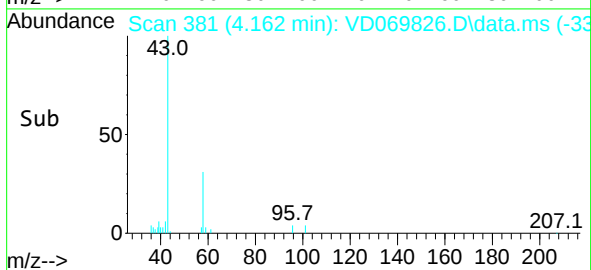
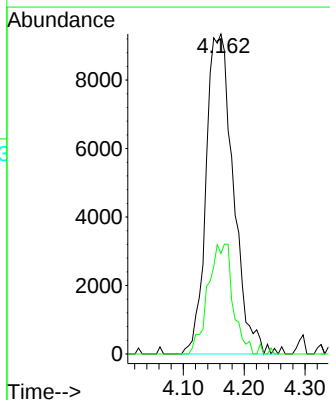
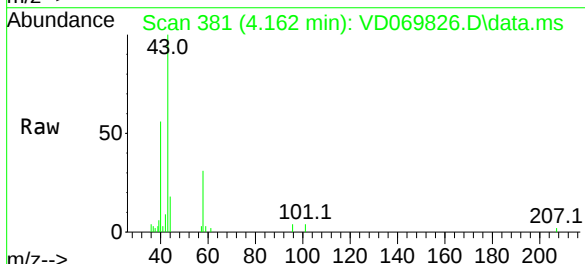
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

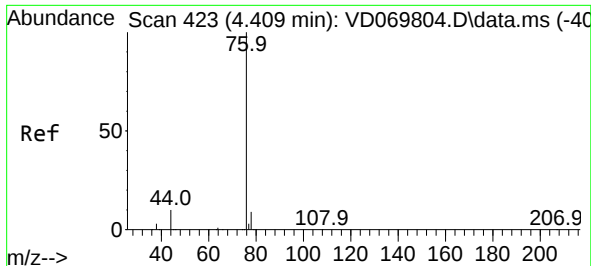
Tgt Ion: 53	Resp: 30127
Ion Ratio	Lower Upper
53 100	
52 78.4	65.3 97.9
51 36.6	28.3 42.5



#16
Acetone
Concen: 24.318 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 43	Resp: 29070
Ion Ratio	Lower Upper
43 100	
58 31.4	29.4 44.0

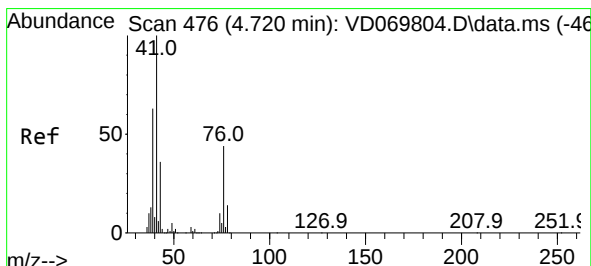
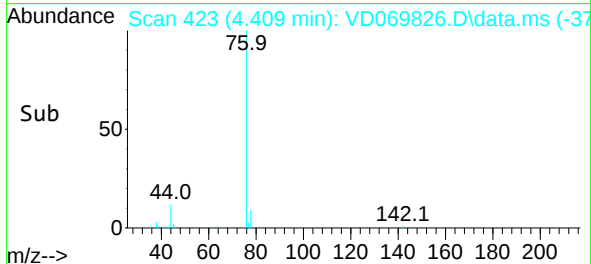
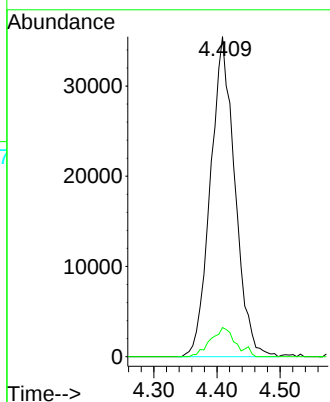
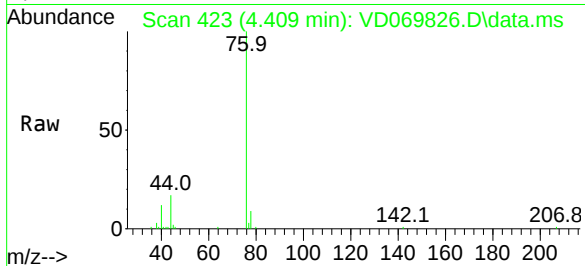




#17
Carbon Disulfide
Concen: 4.059 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

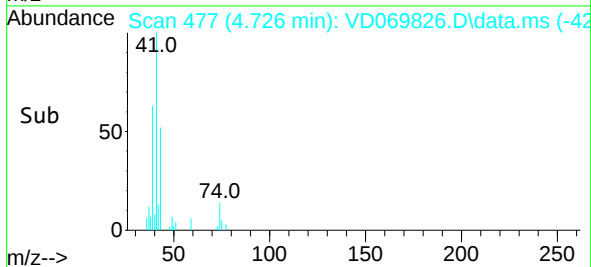
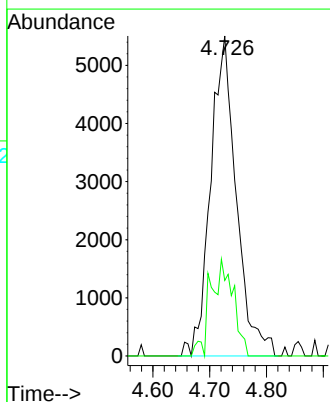
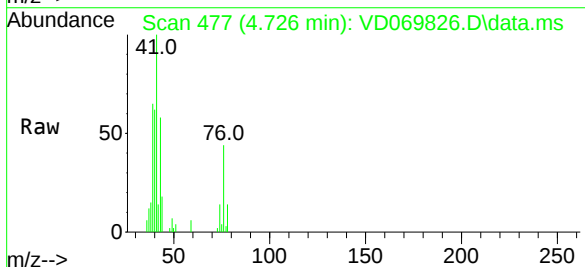
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

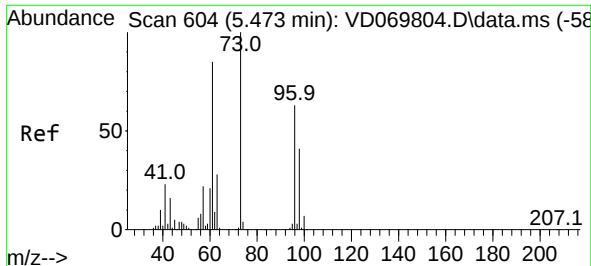
Tgt Ion: 76 Resp: 95535
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 5.004 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

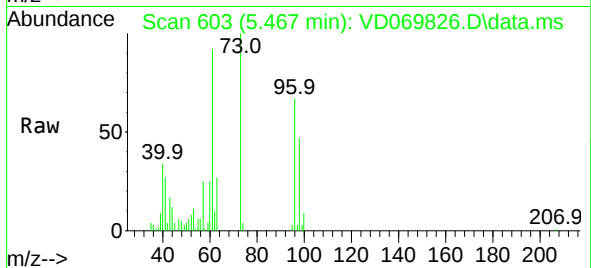
Tgt Ion: 43 Resp: 17358
Ion Ratio Lower Upper
43 100
74 15.6 21.4 32.2#



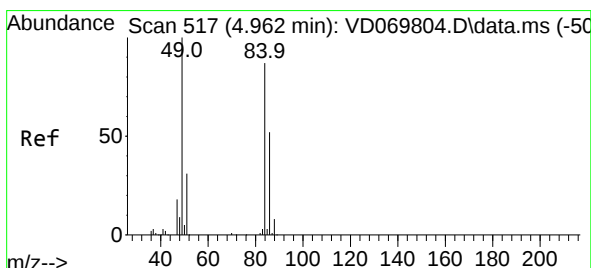
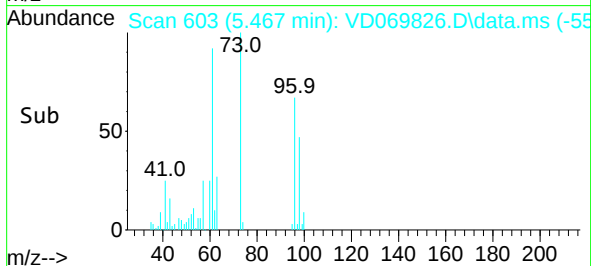
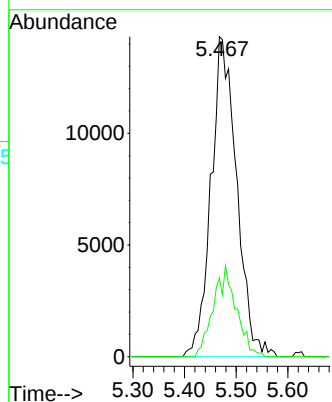


#19
Methyl tert-butyl Ether
Concen: 3.611 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

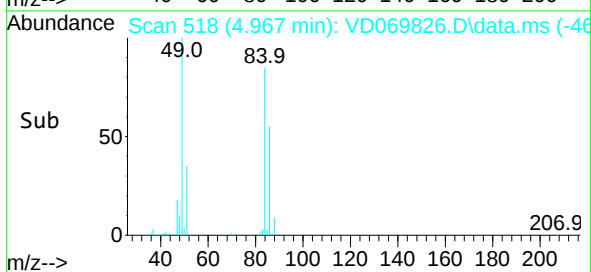
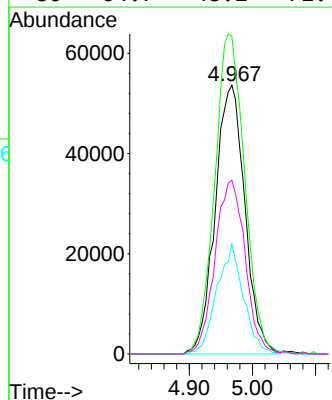
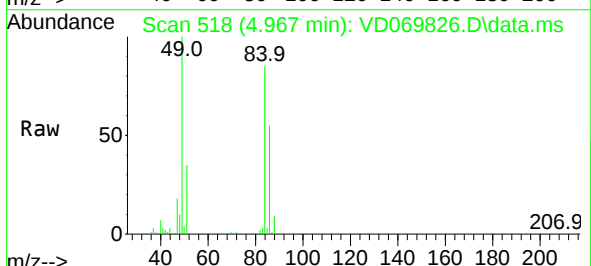


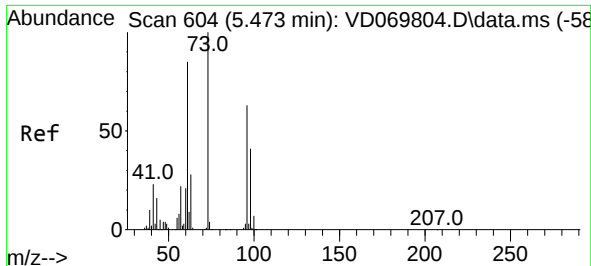
Tgt Ion: 73 Resp: 49251
Ion Ratio Lower Upper
73 100
57 24.6 17.8 26.8



#20
Methylene Chloride
Concen: 16.070 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 84 Resp: 174971
Ion Ratio Lower Upper
84 100
49 118.3 92.4 138.6
51 40.8 28.5 42.7
86 64.7 48.2 72.4

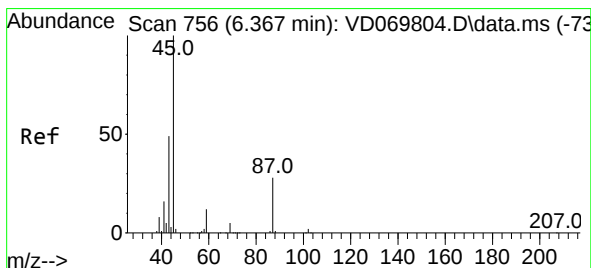
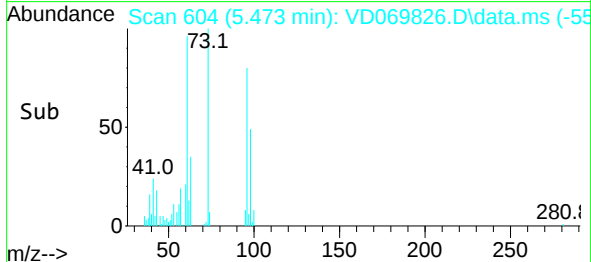
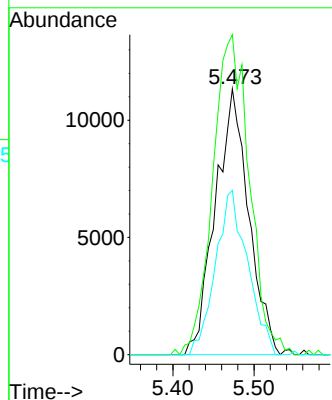
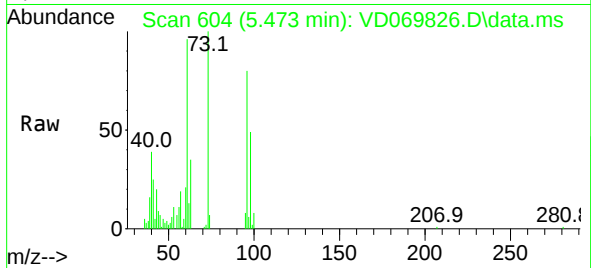




#21
trans-1,2-Dichloroethene
Concen: 4.176 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

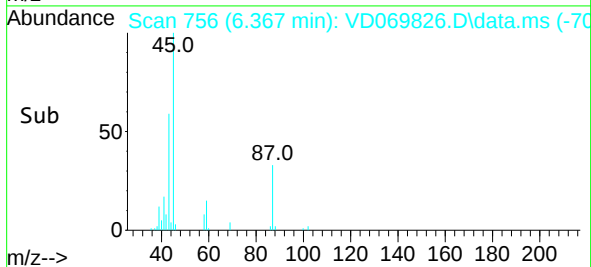
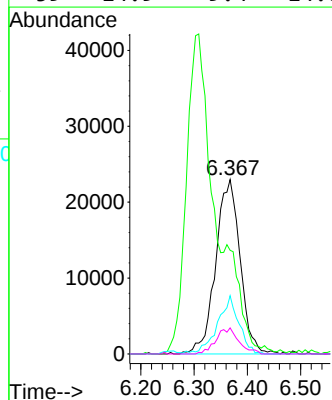
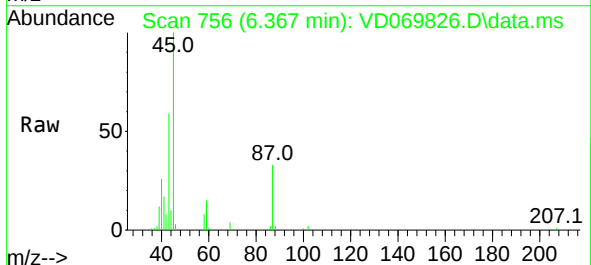
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

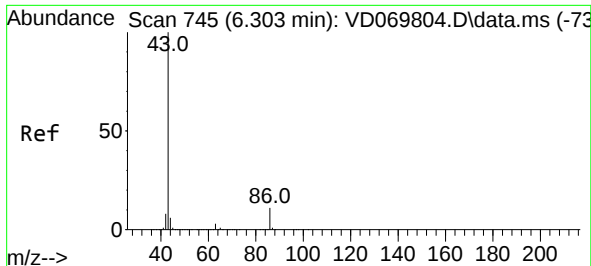
Tgt Ion: 96 Resp: 32393
Ion Ratio Lower Upper
96 100
61 120.4 107.0 160.6
98 61.8 52.3 78.5



#22
Diisopropyl ether
Concen: 3.501 ug/l
RT: 6.367 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 45 Resp: 73428
Ion Ratio Lower Upper
45 100
43 57.0 39.2 58.8
87 33.4 22.3 33.5
59 14.9 9.4 14.0#

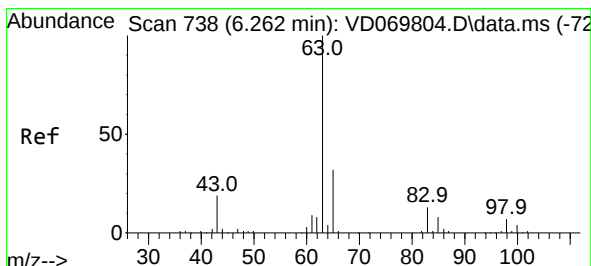
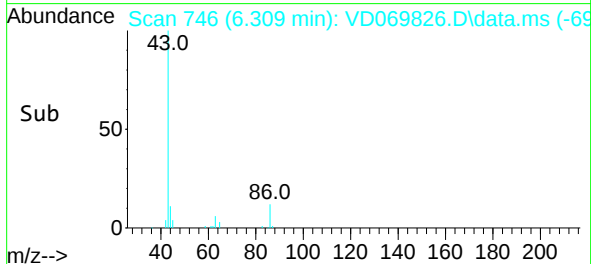
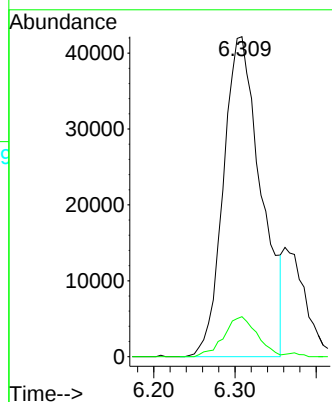
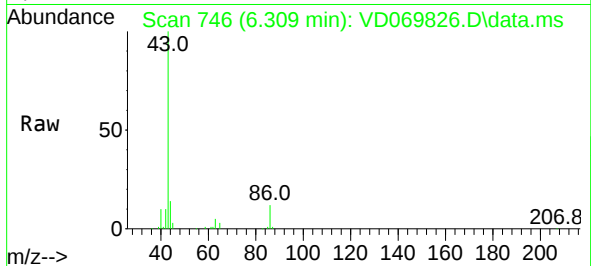




#23
 Vinyl Acetate
 Concen: 13.536 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.006 min
 Lab File: VD069826.D
 Acq: 23 Jul 2021 13:57

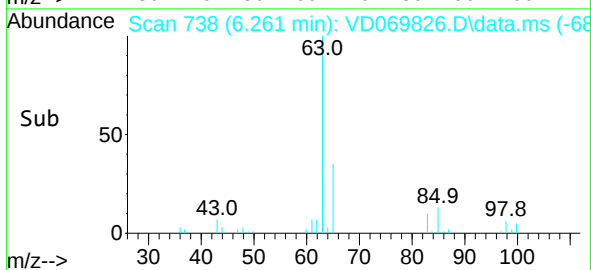
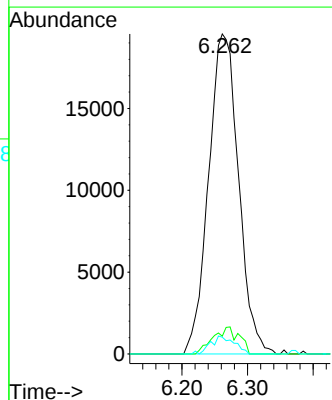
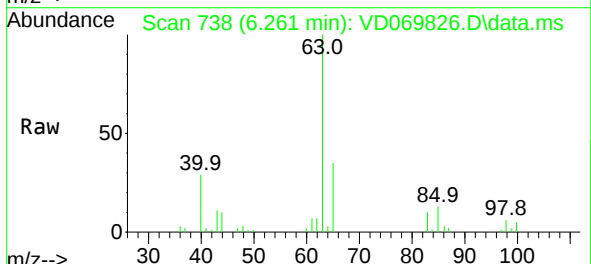
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

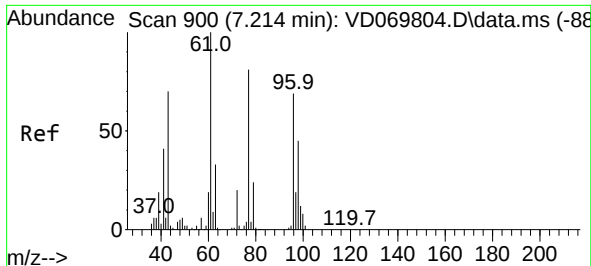
Tgt Ion: 43 Resp: 135995
 Ion Ratio Lower Upper
 43 100
 86 12.5 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 4.277 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD069826.D
 Acq: 23 Jul 2021 13:57

Tgt Ion: 63 Resp: 61954
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.6 10.8
 100 5.2 2.2 6.6

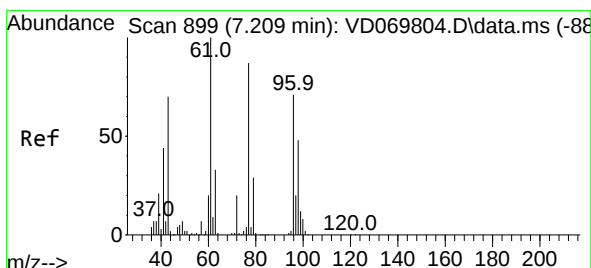
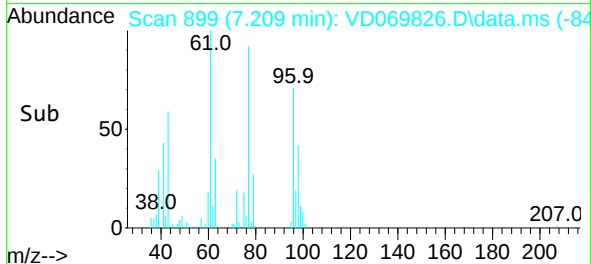
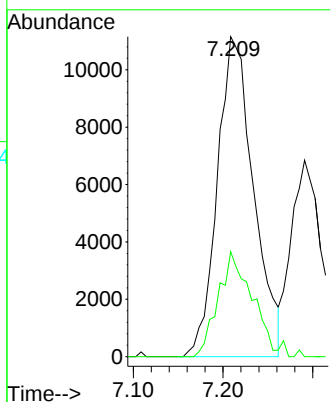
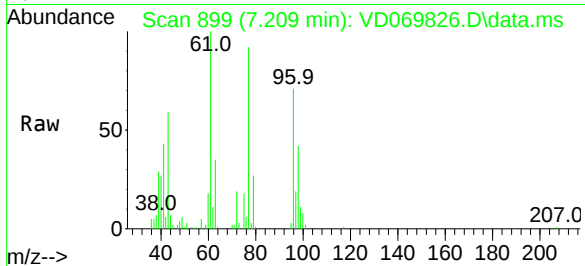




#25
2-Butanone
Concen: 19.330 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

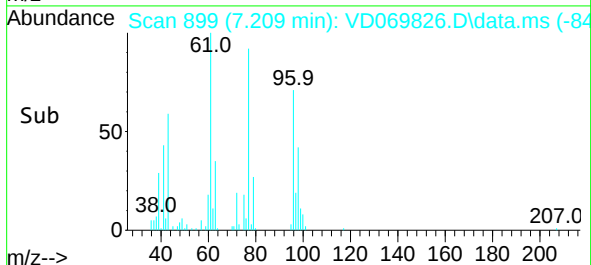
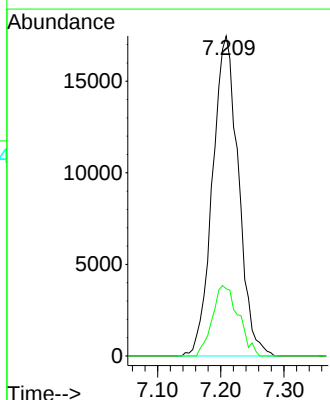
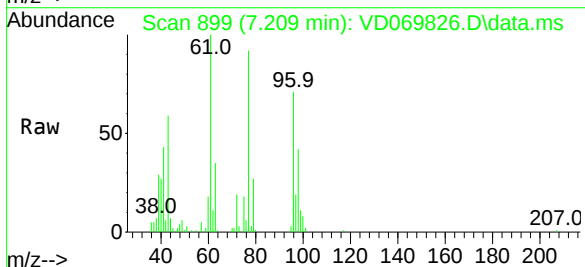
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

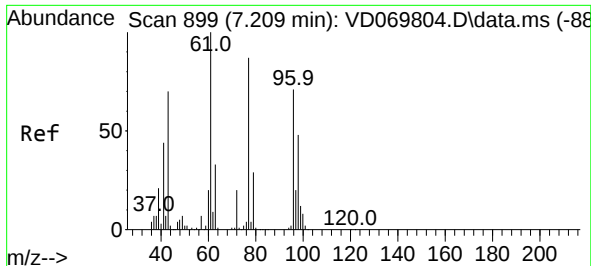
Tgt Ion: 43 Resp: 31336
Ion Ratio Lower Upper
43 100
72 32.8 22.8 34.2



#26
2,2-Dichloropropane
Concen: 4.518 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 77 Resp: 49764
Ion Ratio Lower Upper
77 100
97 22.1 11.9 35.7

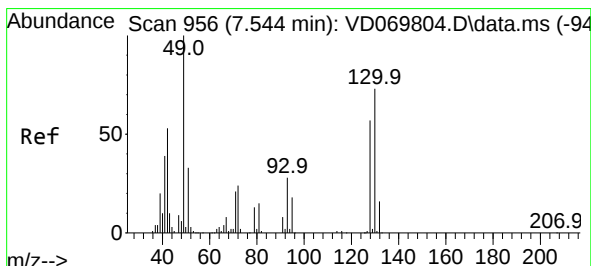
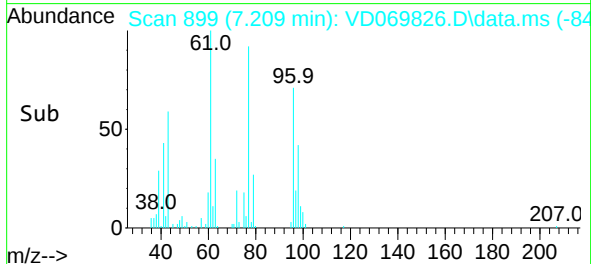
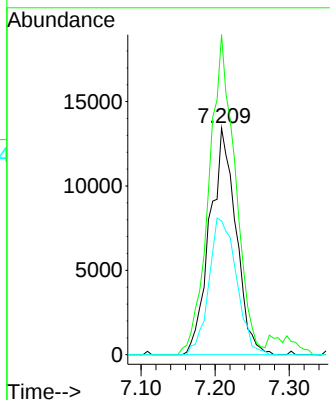
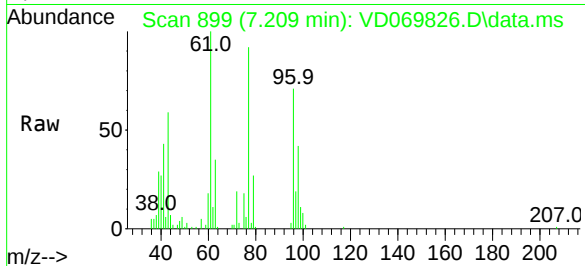




#27
 cis-1,2-Dichloroethene
 Concen: 3.984 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. -0.000 min
 Lab File: VD069826.D
 Acq: 23 Jul 2021 13:57

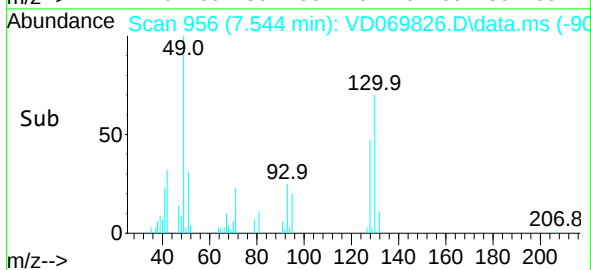
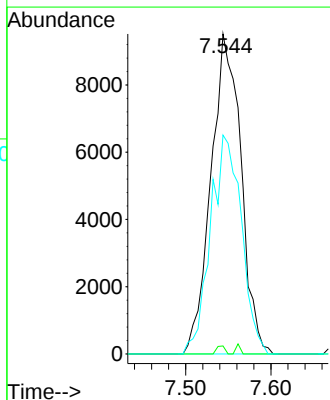
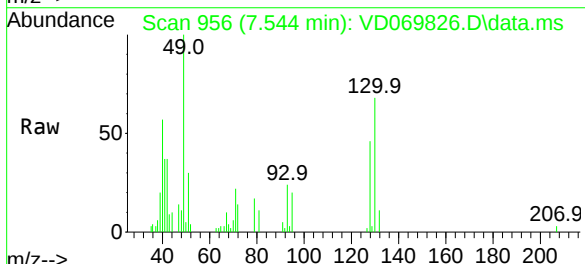
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

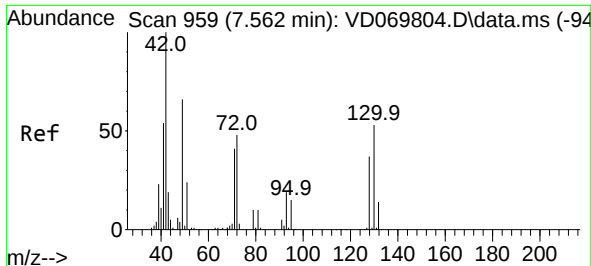
Tgt Ion:	96	Resp:	32976
Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	291.6
98	63.4	0.0	132.0



#28
 Bromochloromethane
 Concen: 4.221 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.000 min
 Lab File: VD069826.D
 Acq: 23 Jul 2021 13:57

Tgt Ion:	49	Resp:	23216
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	4.2
130	70.5	59.6	89.4





#29

Tetrahydrofuran

Concen: 17.765 ug/l

RT: 7.567 min Scan# 960

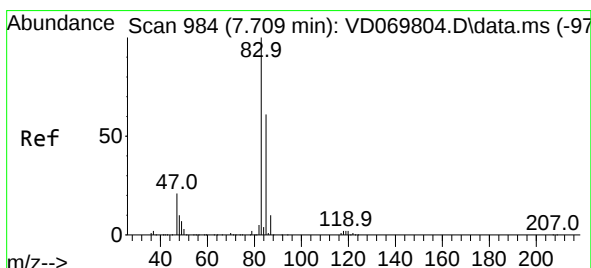
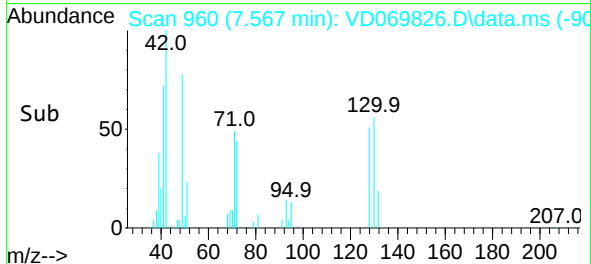
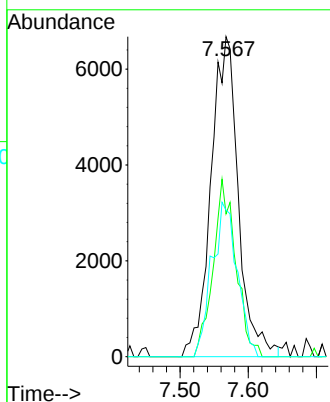
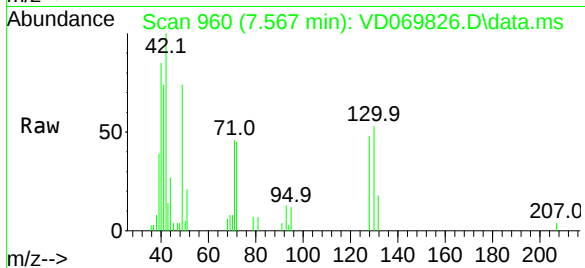
Delta R.T. 0.006 min

Lab File: VD069826.D

Acq: 23 Jul 2021 13:57

Tgt Ion:	42	Resp:	18632
Ion	Ratio	Lower	Upper
42	100		
72	45.9	36.5	54.7
71	44.7	33.5	50.3

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



#30

Chloroform

Concen: 4.192 ug/l

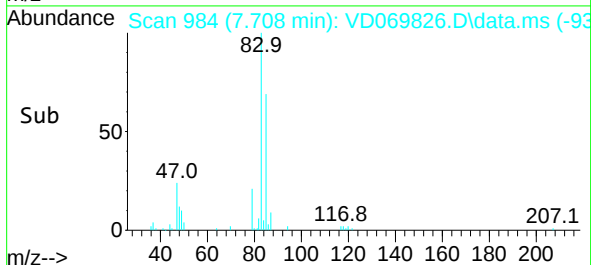
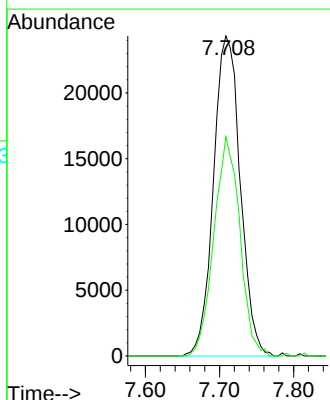
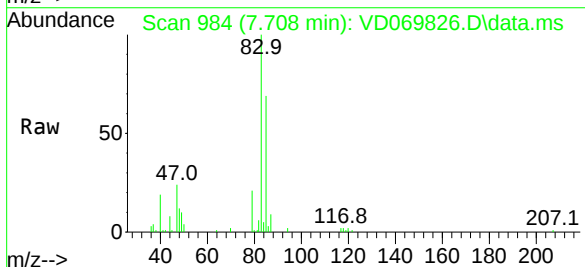
RT: 7.708 min Scan# 984

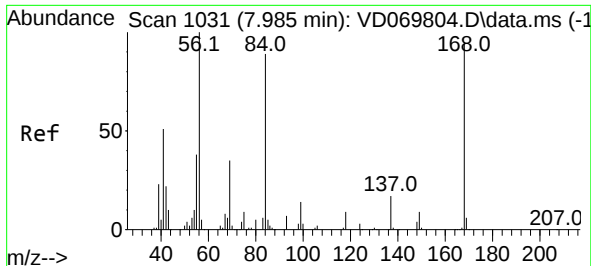
Delta R.T. -0.000 min

Lab File: VD069826.D

Acq: 23 Jul 2021 13:57

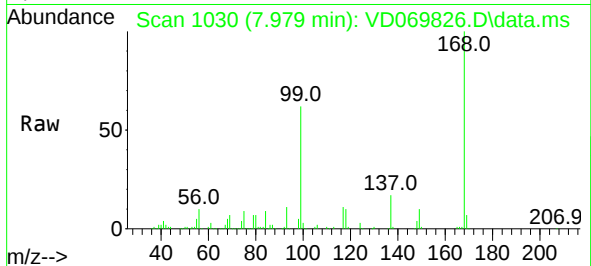
Tgt Ion:	83	Resp:	61053
Ion	Ratio	Lower	Upper
83	100		
85	68.5	49.1	73.7



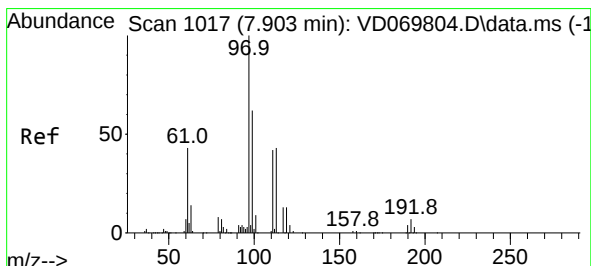
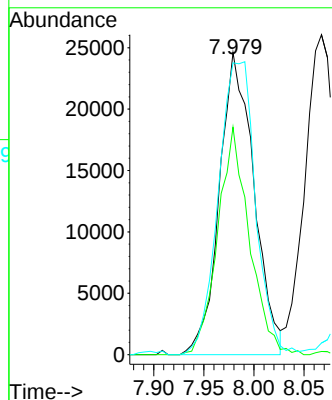
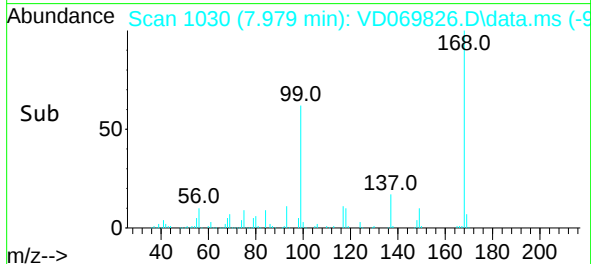


#31
Cyclohexane
Concen: 4.565 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

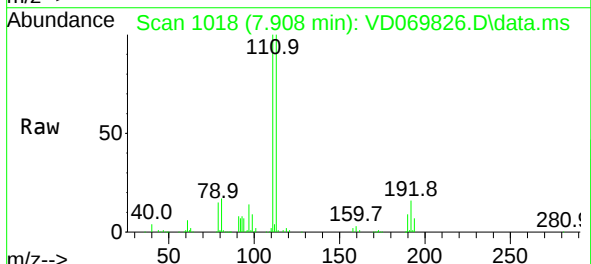
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



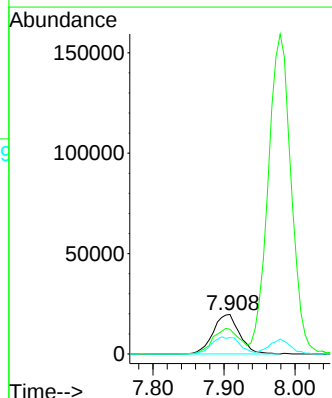
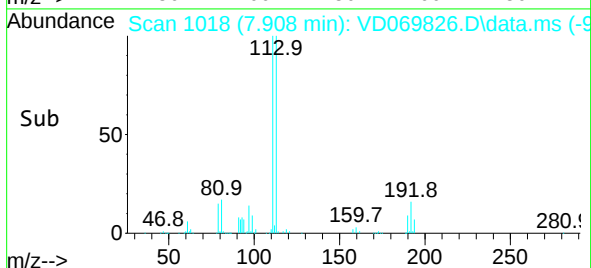
Tgt Ion: 56 Resp: 59021
Ion Ratio Lower Upper
56 100
69 75.3 27.9 41.9#
84 96.6 71.4 107.2

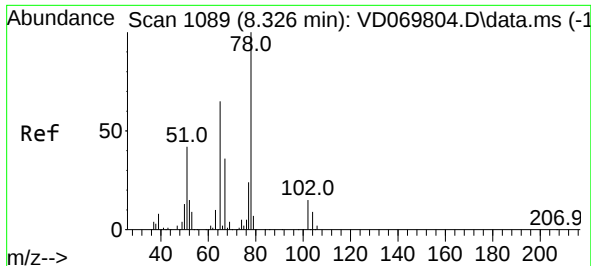


#32
1,1,1-Trichloroethane
Concen: 4.205 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57



Tgt Ion: 97 Resp: 50692
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 45.9 34.5 51.7

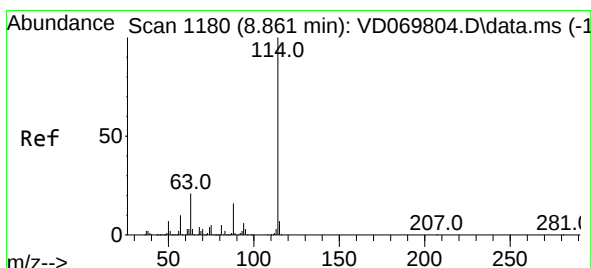
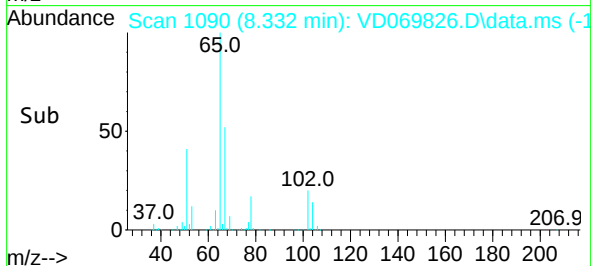
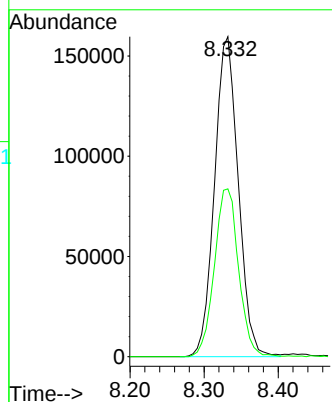
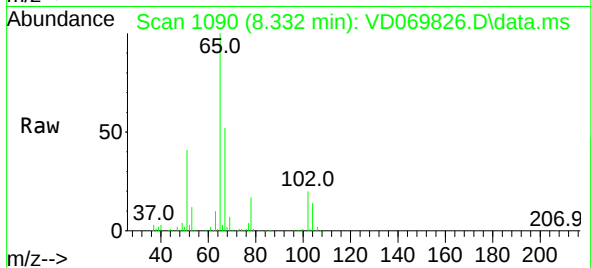




#33
1,2-Dichloroethane-d4
Concen: 53.622 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

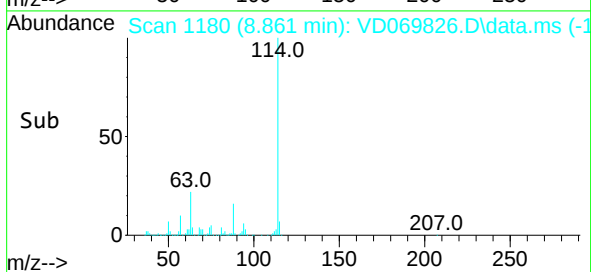
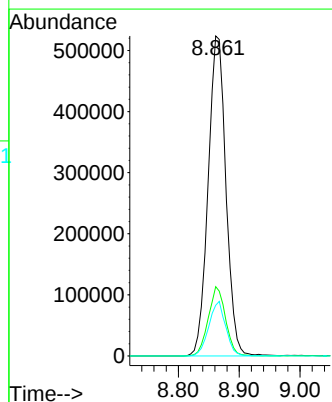
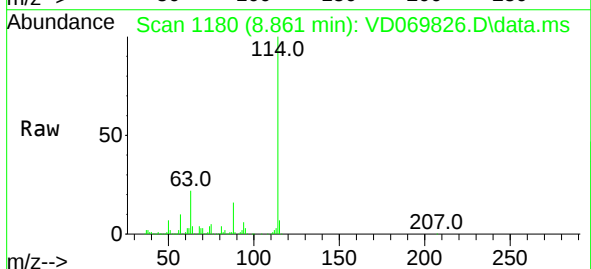
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

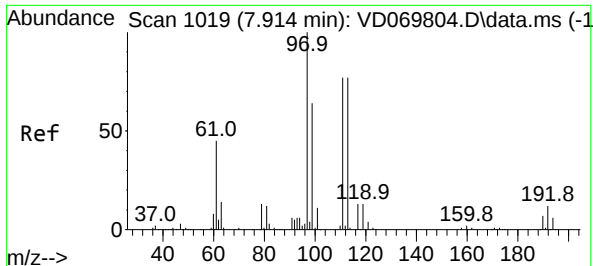
Tgt Ion: 65 Resp: 354842
Ion Ratio Lower Upper
65 100
67 53.5 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 114 Resp: 1063306
Ion Ratio Lower Upper
114 100
63 21.6 0.0 41.6
88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.505 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069826.D

Acq: 23 Jul 2021 13:57

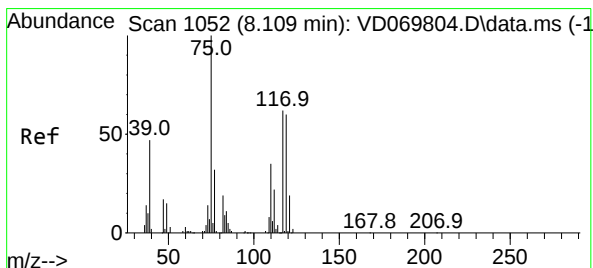
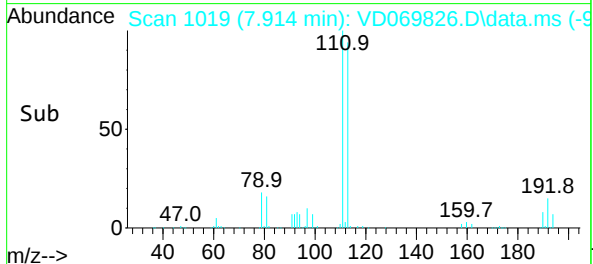
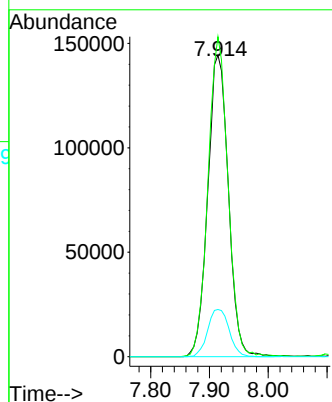
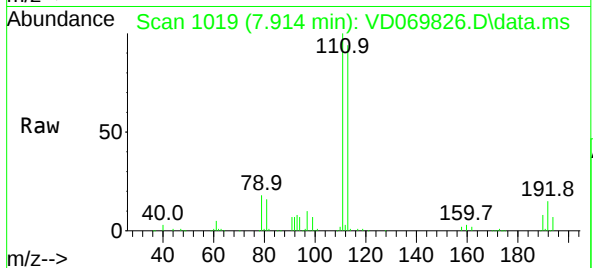
Tgt Ion:113 Resp: 351948

Ion Ratio Lower Upper

113 100

111 102.8 80.5 120.7

192 16.3 12.6 19.0



#36

1,1-Dichloropropene

Concen: 3.945 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VD069826.D

Acq: 23 Jul 2021 13:57

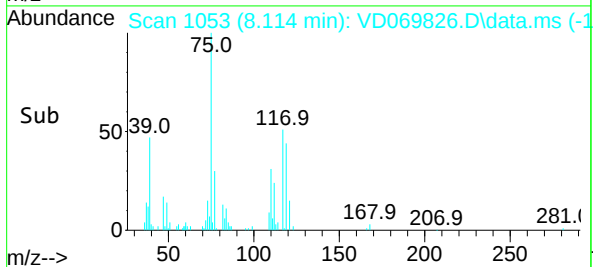
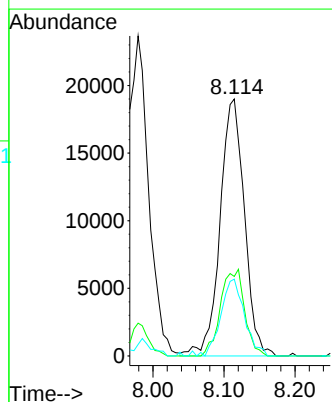
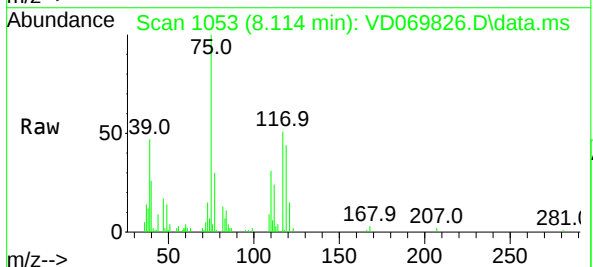
Tgt Ion: 75 Resp: 45264

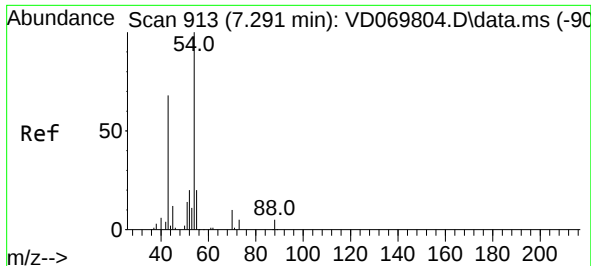
Ion Ratio Lower Upper

75 100

110 33.2 16.9 50.7

77 28.8 24.9 37.3

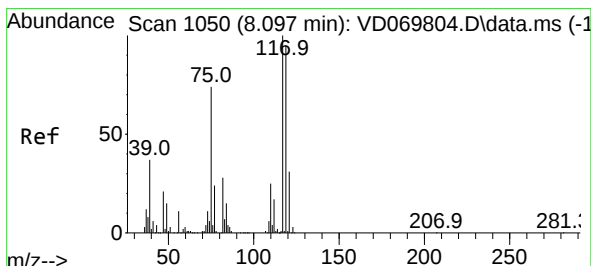
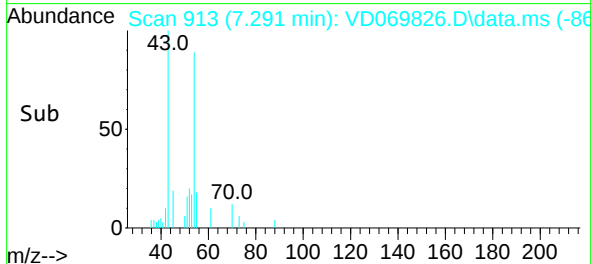
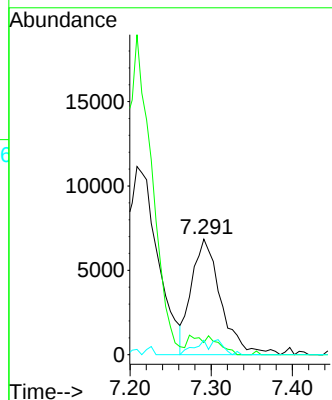
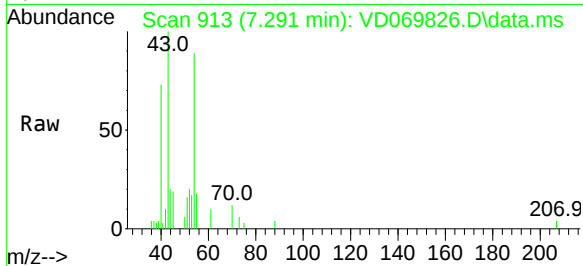




#37
Ethyl Acetate
Concen: 4.120 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

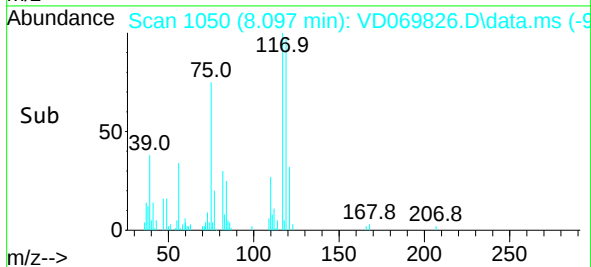
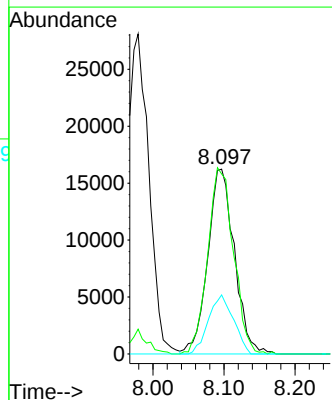
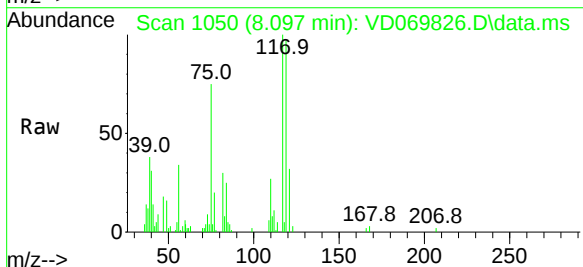
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

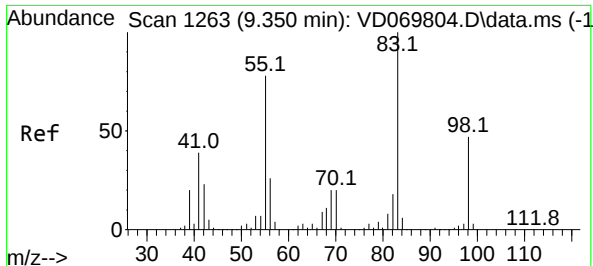
Tgt Ion: 43 Resp: 17209
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.8#
70 5.7 8.9 13.3#



#38
Carbon Tetrachloride
Concen: 4.036 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 117 Resp: 42303
Ion Ratio Lower Upper
117 100
119 97.3 76.2 114.2
121 32.0 24.5 36.7





#39

Methylcyclohexane

Concen: 3.604 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.006 min

Lab File: VD069826.D

Acq: 23 Jul 2021 13:57

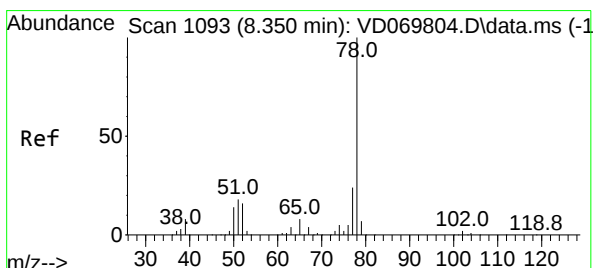
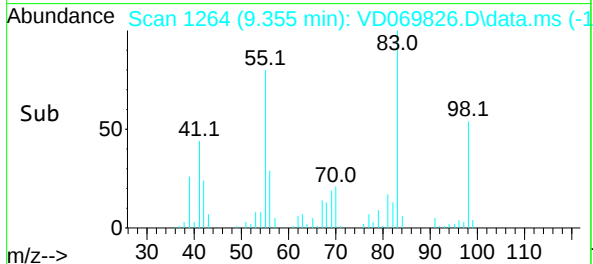
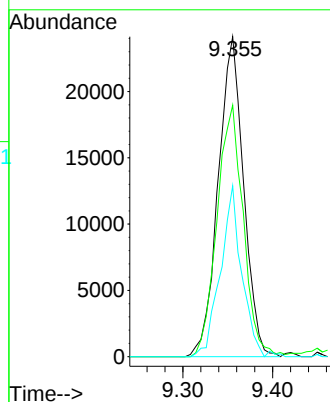
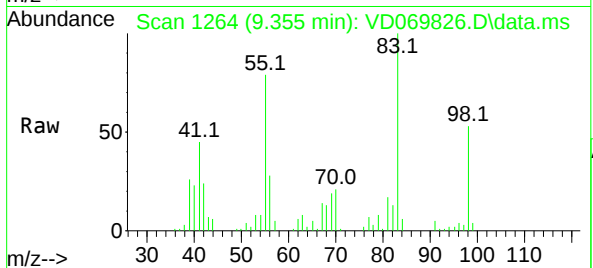
Tgt Ion:	83	Resp:	47362
Ion	Ratio	Lower	Upper
83	100		
55	78.6	62.2	93.2
98	53.4	37.8	56.8

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021



#40

Benzene

Concen: 4.046 ug/l

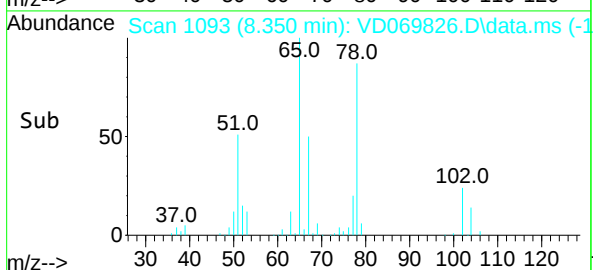
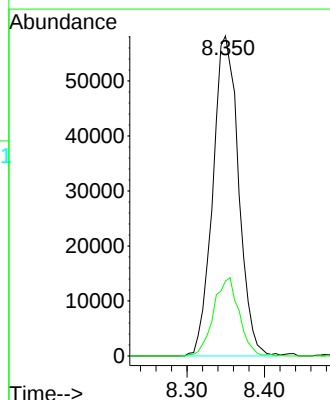
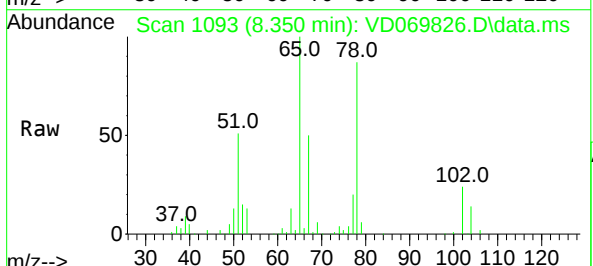
RT: 8.350 min Scan# 1093

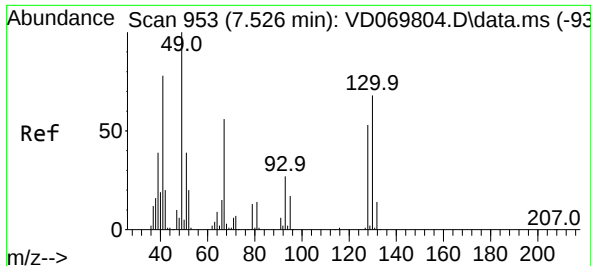
Delta R.T. -0.000 min

Lab File: VD069826.D

Acq: 23 Jul 2021 13:57

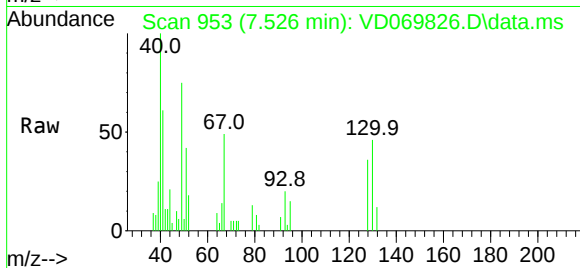
Tgt Ion:	78	Resp:	134488
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.4	29.0



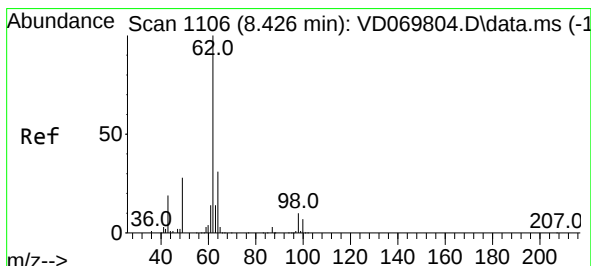
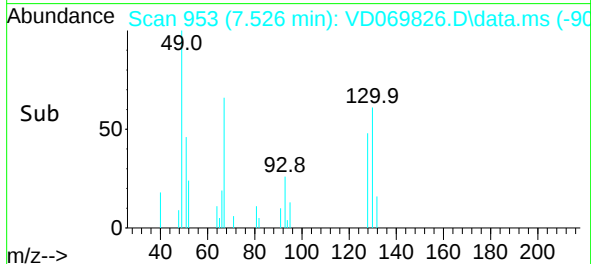
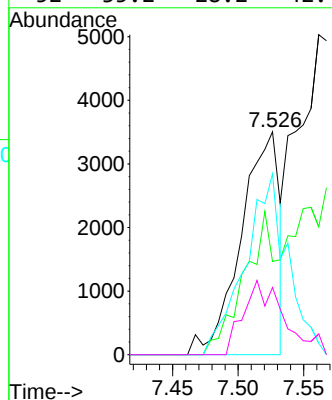


#41
Methacrylonitrile
Concen: 3.251 ug/l
RT: 7.526 min Scan# 953
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

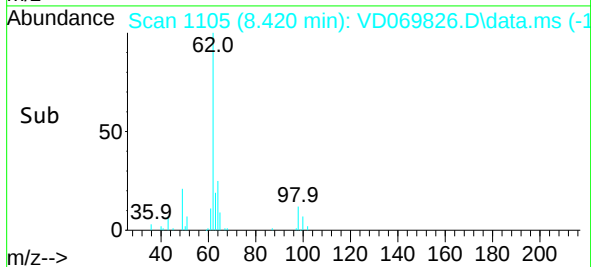
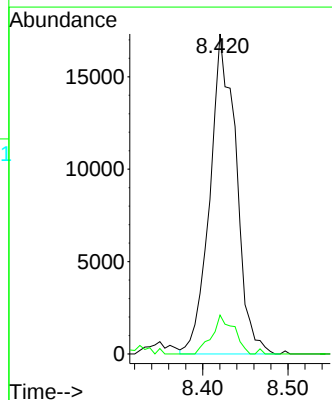
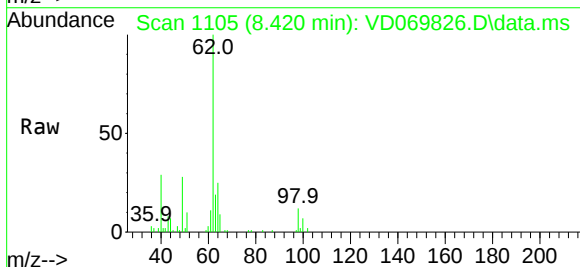


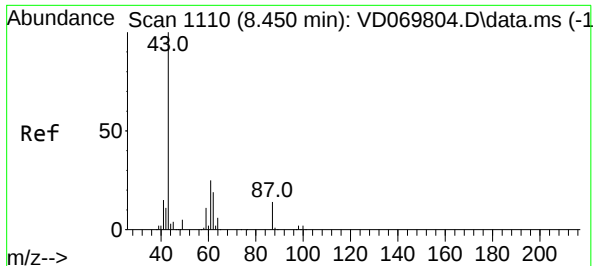
Tgt Ion:	41	Resp:	7126
Ion	Ratio	Lower	Upper
41	100		
39	54.8	46.7	70.1
67	89.8	69.3	103.9
52	35.2	28.2	42.4



#42
1,2-Dichloroethane
Concen: 4.217 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion:	62	Resp:	37075
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4

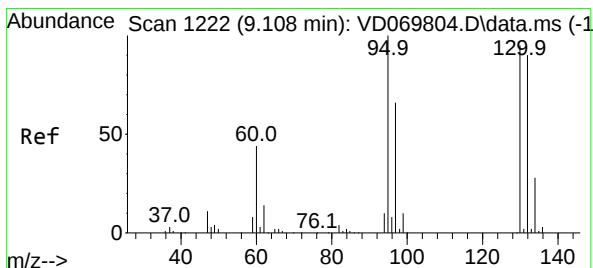
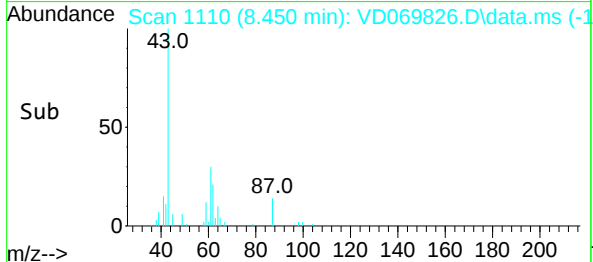
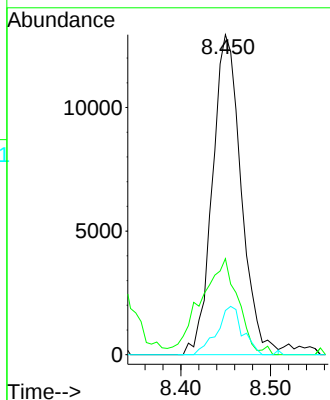
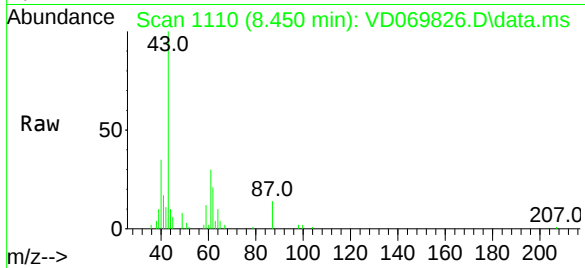




#43
Isopropyl Acetate
Concen: 3.840 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

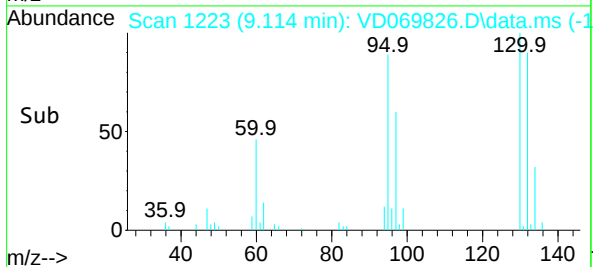
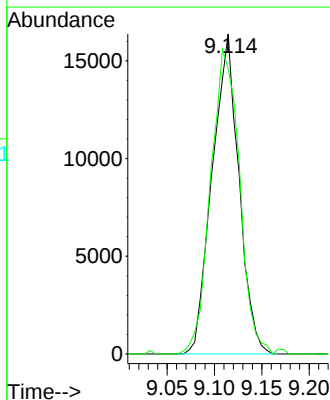
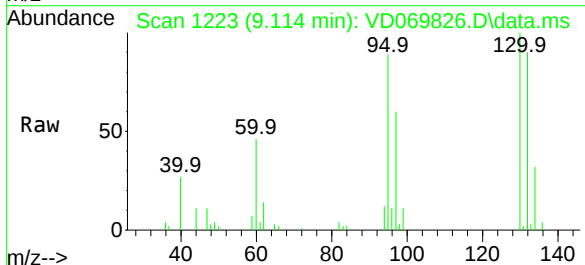
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

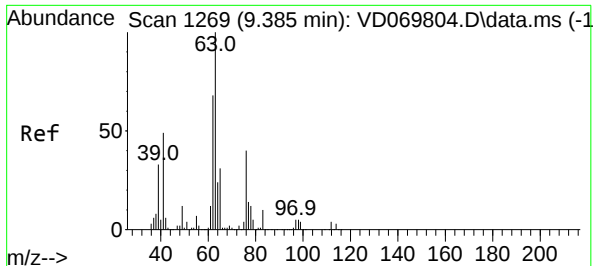
Tgt Ion: 43	Resp: 28766
Ion Ratio	Lower Upper
43 100	
61 39.3	27.8 41.6
87 13.4	11.3 16.9



#44
Trichloroethene
Concen: 3.918 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion:130	Resp:	32076	
Ion	Ratio	Lower	Upper
130	100		
95	89.1	0.0	210.8



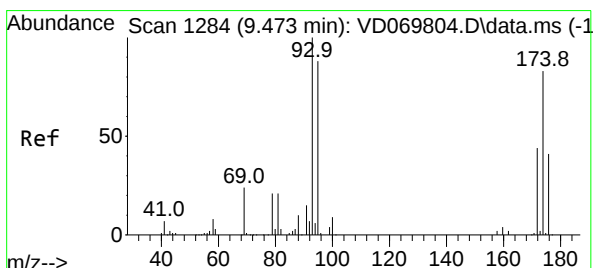
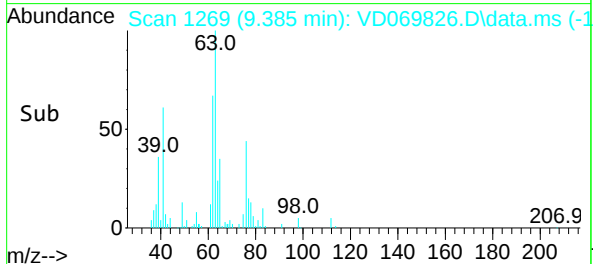
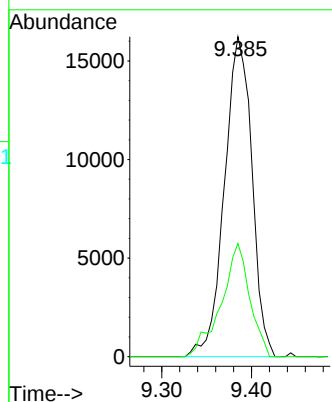
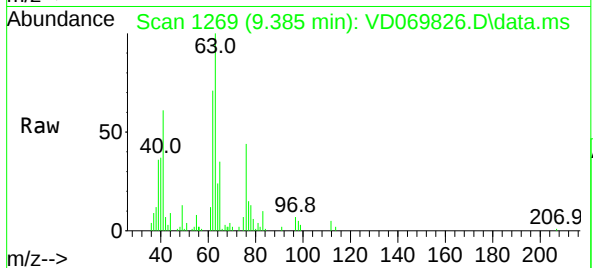


#45

1,2-Dichloropropane
Concen: 3.948 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

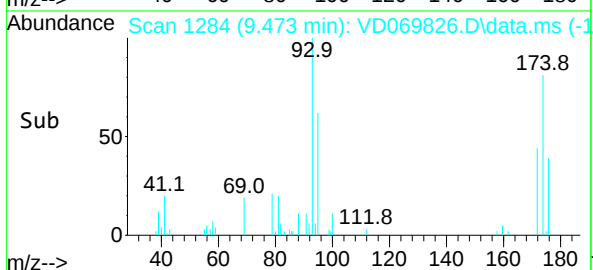
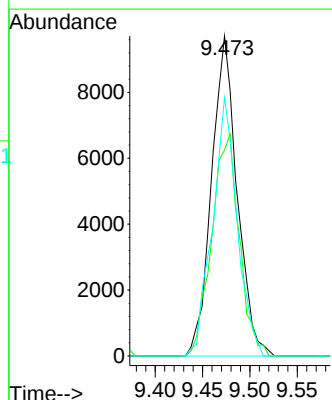
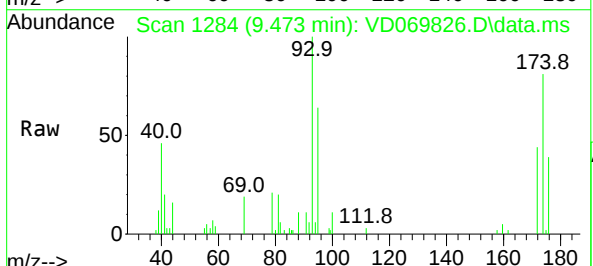
Tgt Ion: 63 Resp: 34473
Ion Ratio Lower Upper
63 100
65 35.4 24.9 37.3

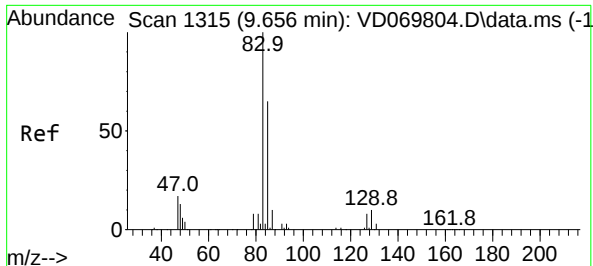


#46

Dibromomethane
Concen: 4.249 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 93 Resp: 18239
Ion Ratio Lower Upper
93 100
95 74.5 67.5 101.3
174 78.0 66.3 99.5

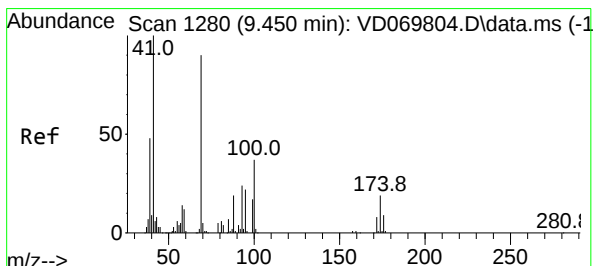
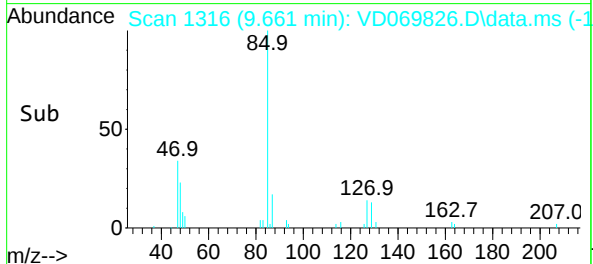
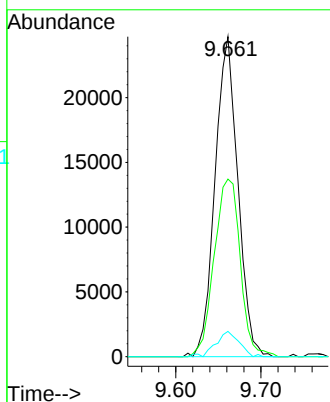
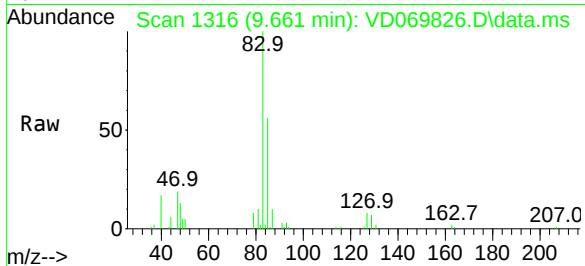




#47
Bromodichloromethane
Concen: 4.129 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

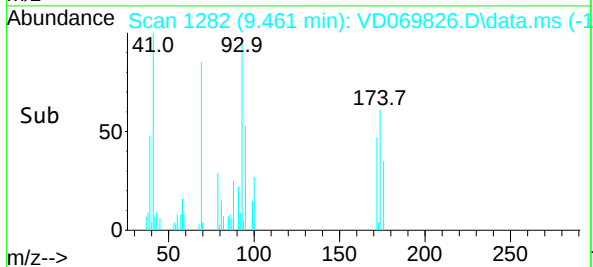
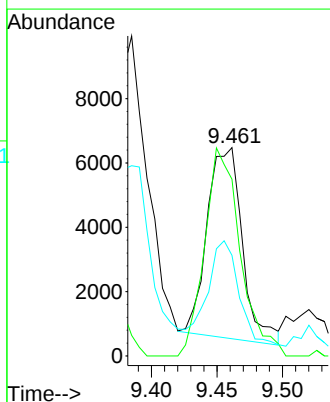
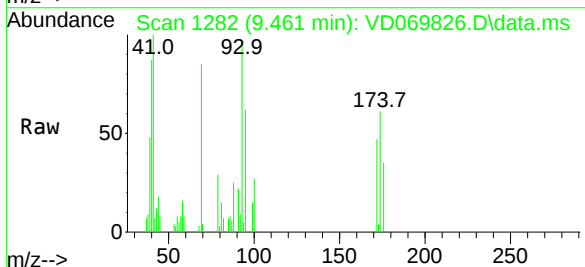
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

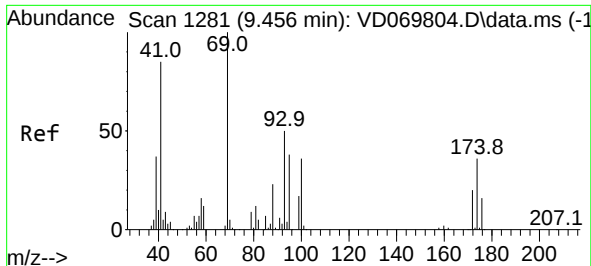
Tgt Ion: 83 Resp: 46043
Ion Ratio Lower Upper
83 100
85 55.5 52.0 78.0
127 7.9 6.6 10.0



#48
Methyl methacrylate
Concen: 3.049 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.011 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 41 Resp: 10991
Ion Ratio Lower Upper
41 100
69 111.1 73.4 110.2#
39 50.4 36.6 55.0

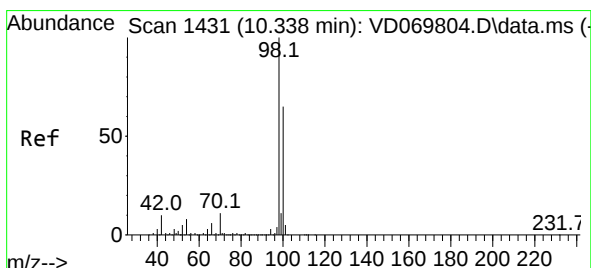
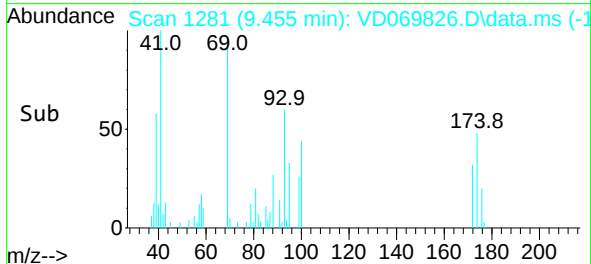
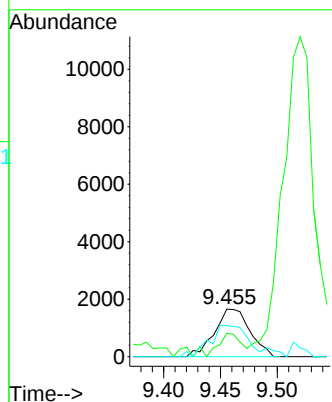
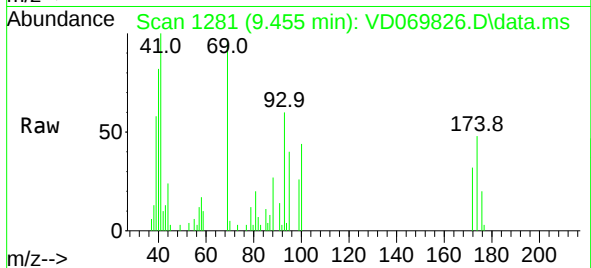




#49
1,4-Dioxane
Concen: 79.055 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

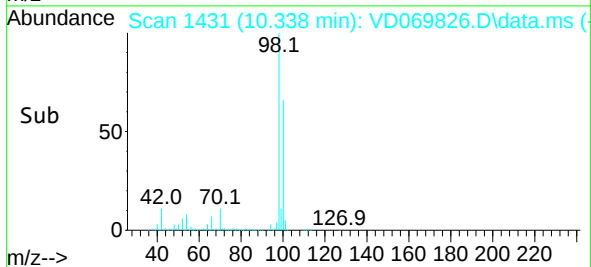
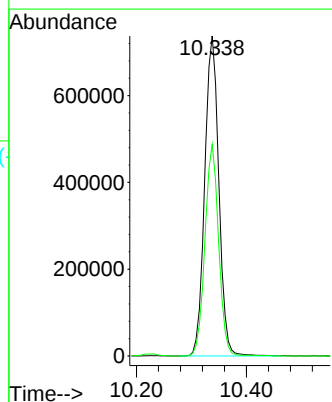
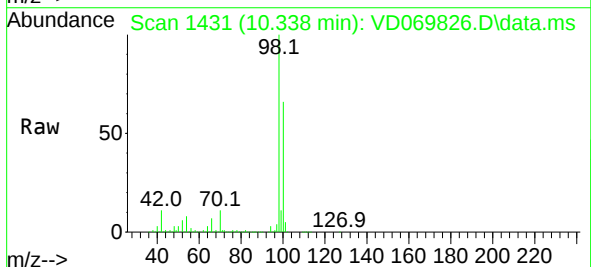
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

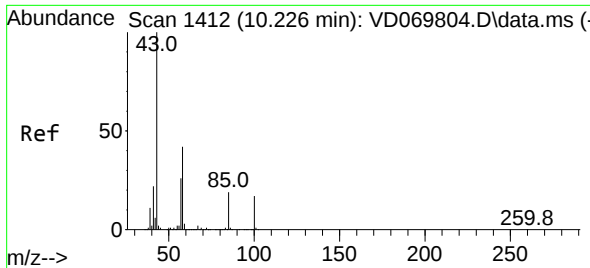
Tgt Ion: 88 Resp: 3585
Ion Ratio Lower Upper
88 100
43 34.1 26.8 40.2
58 68.5 59.8 89.6



#50
Toluene-d8
Concen: 50.786 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 98 Resp: 1312646
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

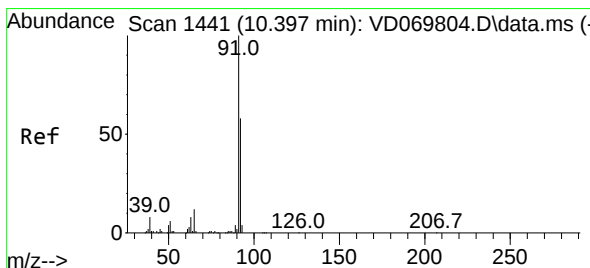
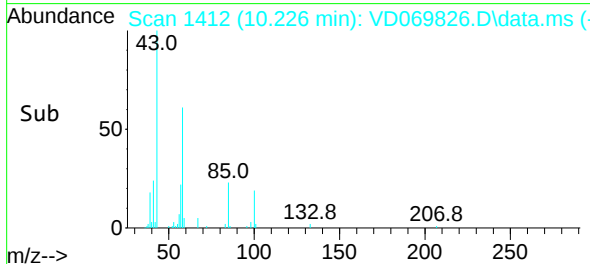
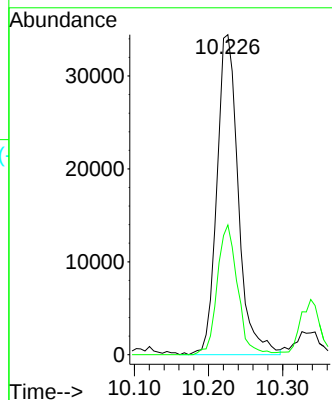
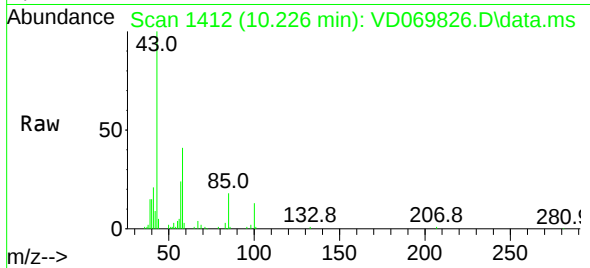




#51
4-Methyl-2-Pentanone
Concen: 17.758 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

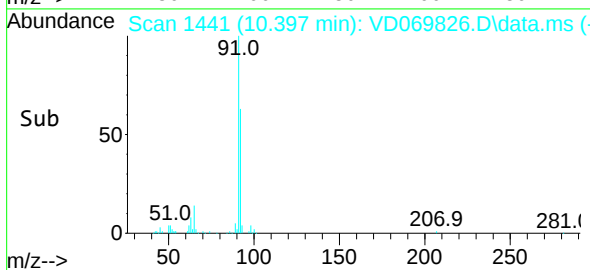
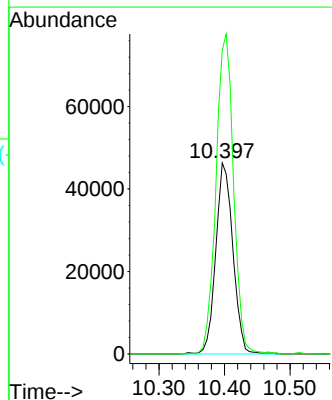
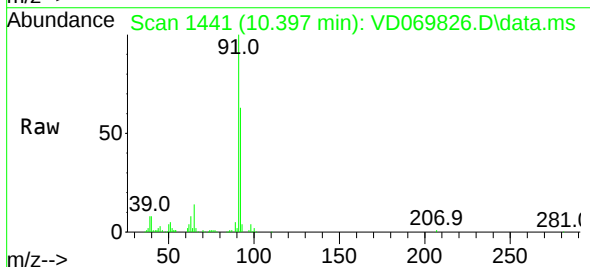
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

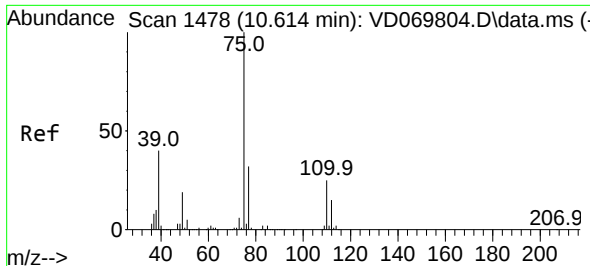
Tgt Ion: 43 Resp: 69234
Ion Ratio Lower Upper
43 100
58 38.5 33.7 50.5



#52
Toluene
Concen: 4.157 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 92 Resp: 83822
Ion Ratio Lower Upper
92 100
91 171.7 138.7 208.1

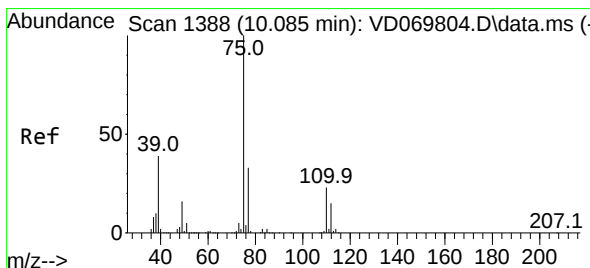
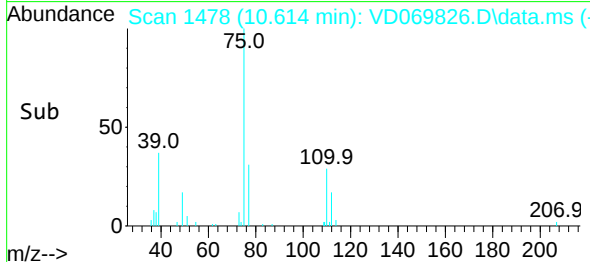
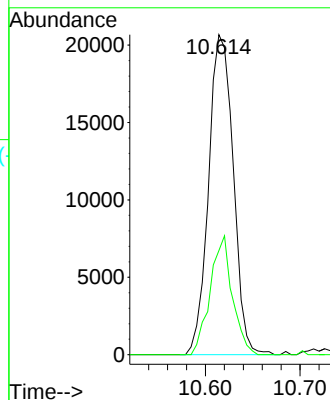
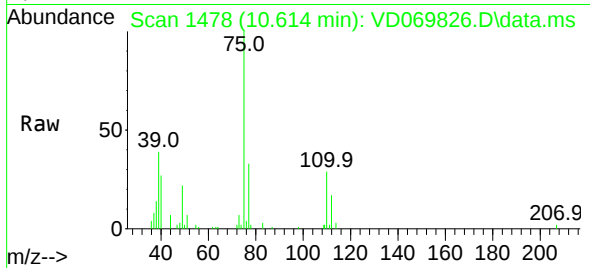




#53
t-1,3-Dichloropropene
Concen: 4.002 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

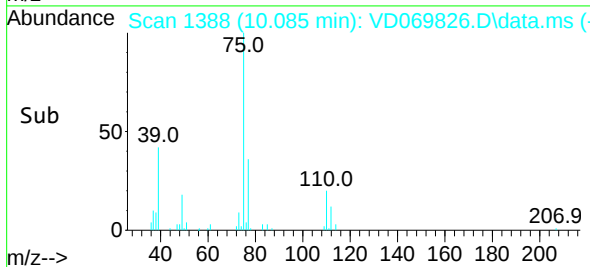
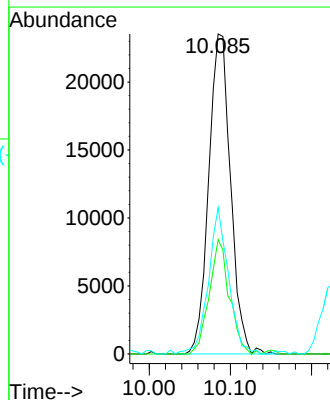
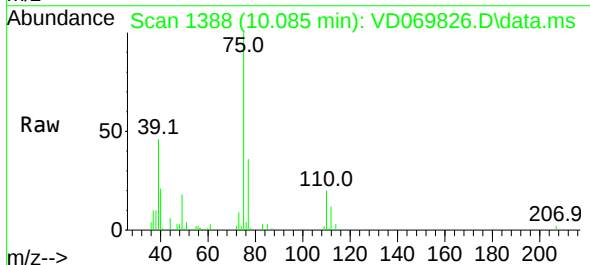
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

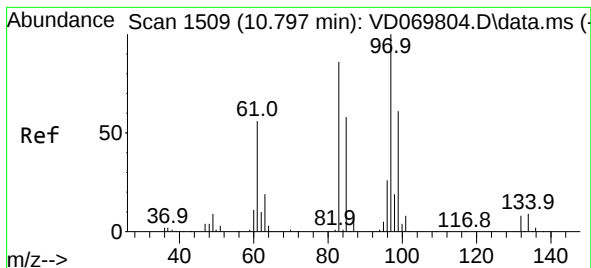
Tgt Ion: 75 Resp: 37464
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 3.875 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 75 Resp: 43915
Ion Ratio Lower Upper
75 100
77 35.7 26.3 39.5
39 45.0 31.0 46.6

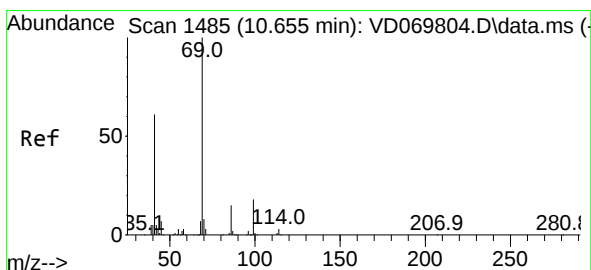
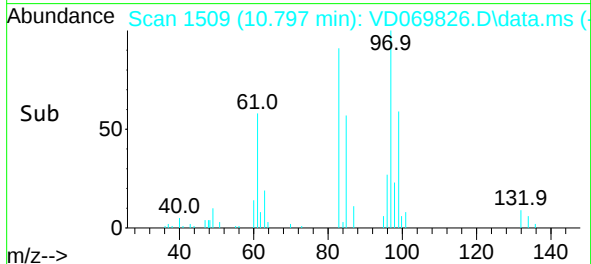
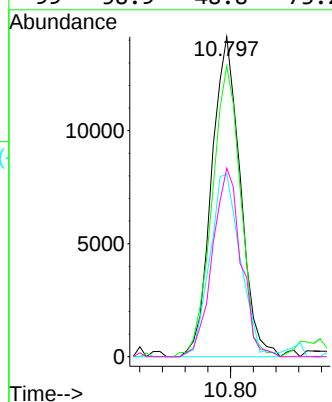
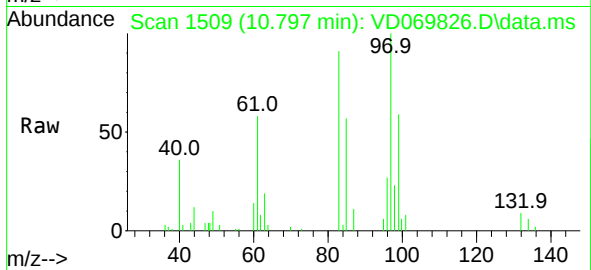




#55
1,1,2-Trichloroethane
Concen: 4.084 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

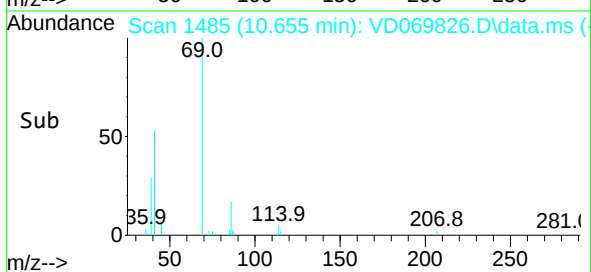
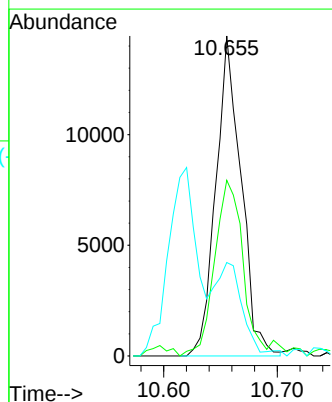
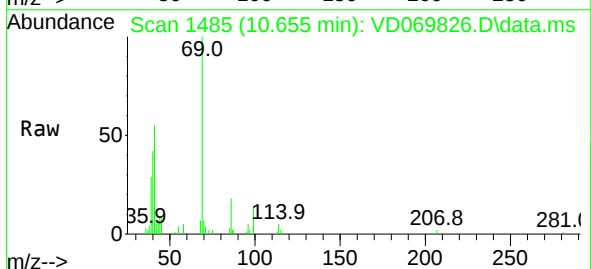
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

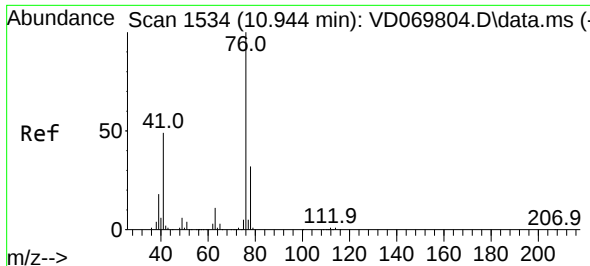
Tgt Ion:	97	Resp:	24760
Ion	Ratio	Lower	Upper
97	100		
83	90.9	69.1	103.7
85	57.1	46.2	69.2
99	58.9	48.8	73.2



#56
Ethyl methacrylate
Concen: 3.357 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion:	69	Resp:	22285
Ion	Ratio	Lower	Upper
69	100		
41	61.0	50.2	75.2
39	27.6	22.0	33.0

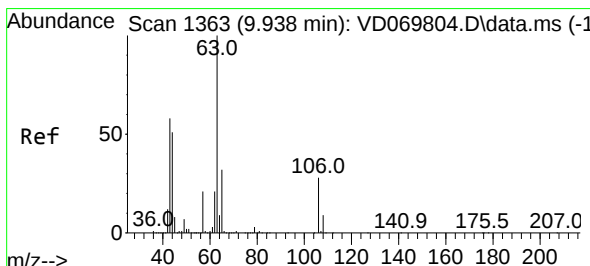
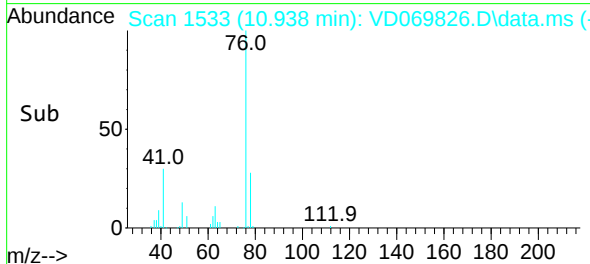
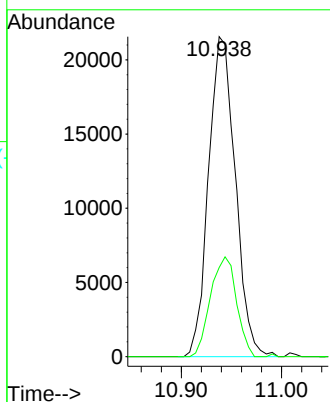
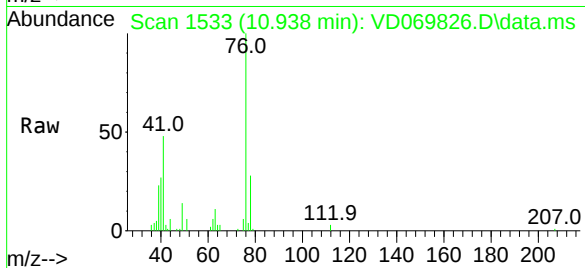




#57
1,3-Dichloropropane
Concen: 3.904 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

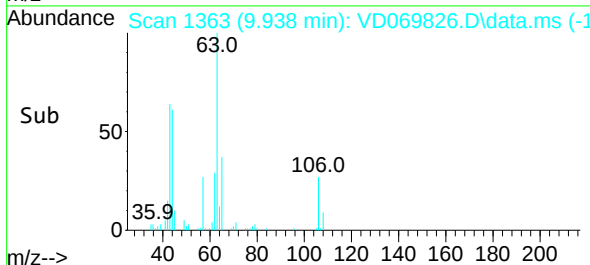
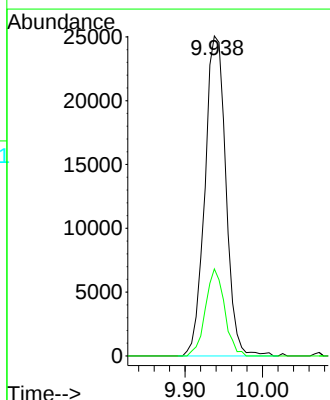
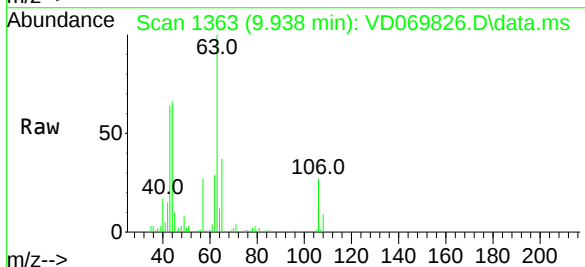
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

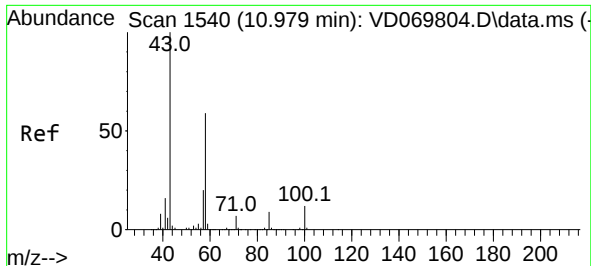
Tgt Ion: 76 Resp: 40051
Ion Ratio Lower Upper
76 100
78 30.2 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 16.616 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 63 Resp: 47245
Ion Ratio Lower Upper
63 100
106 24.7 21.8 32.6

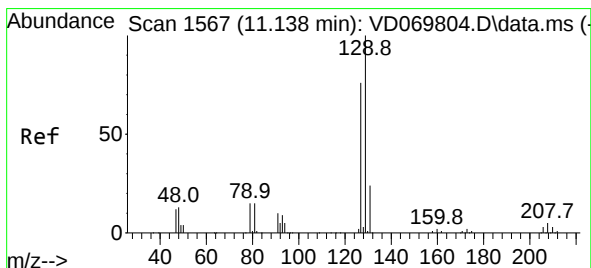
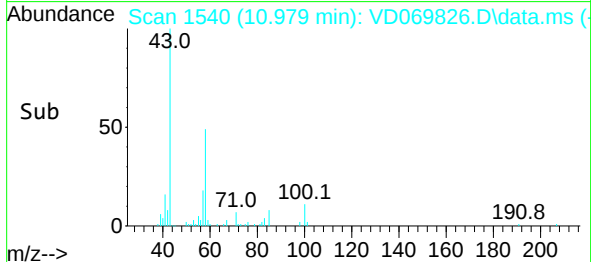
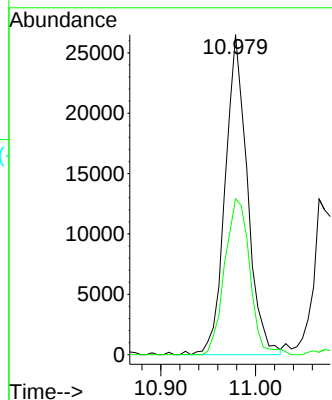
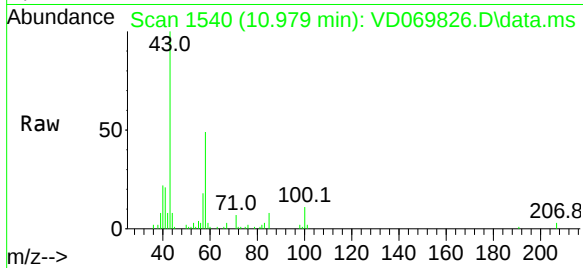




#59
2-Hexanone
Concen: 16.752 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

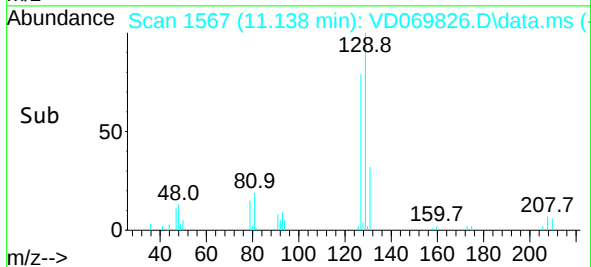
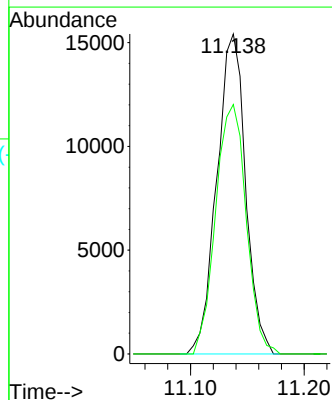
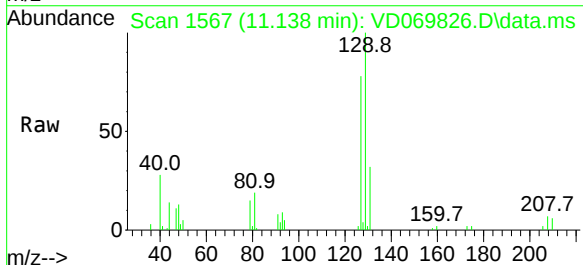
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

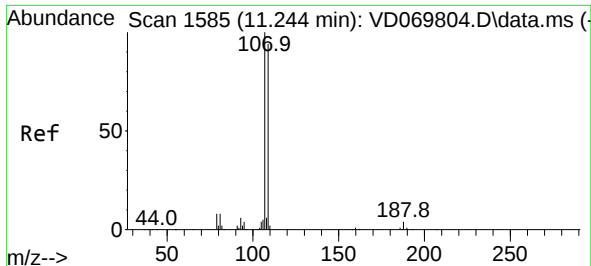
Tgt Ion: 43 Resp: 43200
Ion Ratio Lower Upper
43 100
58 54.9 29.4 88.3



#60
Dibromochloromethane
Concen: 3.947 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 129 Resp: 27098
Ion Ratio Lower Upper
129 100
127 82.7 38.7 116.1

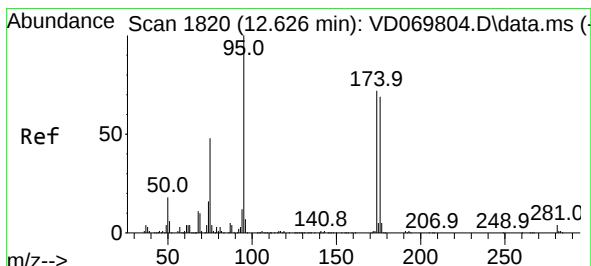
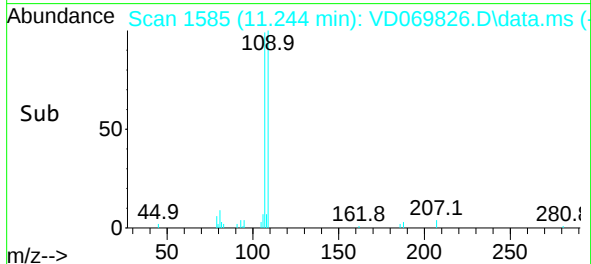
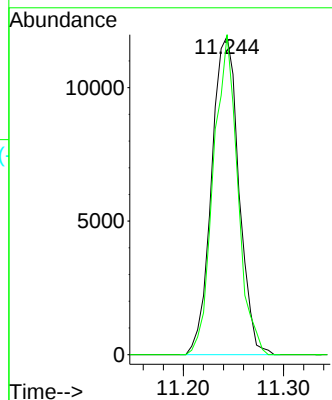
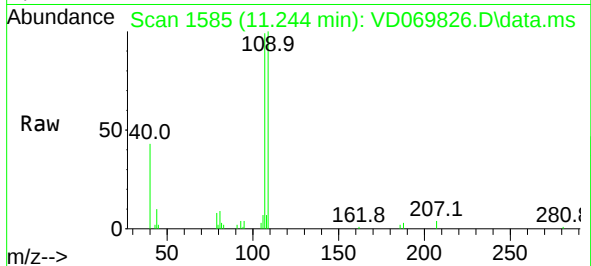




#61
1,2-Dibromoethane
Concen: 4.124 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

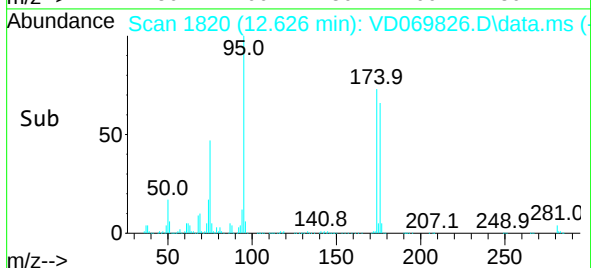
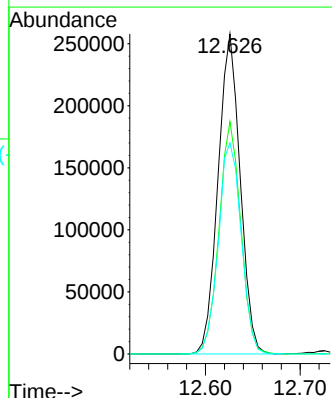
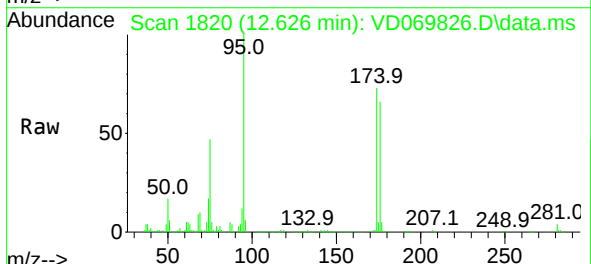
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

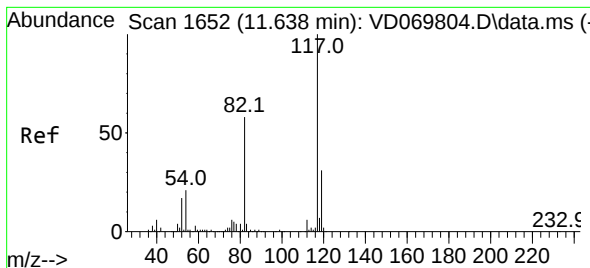
Tgt Ion:107 Resp: 22508
Ion Ratio Lower Upper
107 100
109 89.4 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 48.484 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 95 Resp: 418804
Ion Ratio Lower Upper
95 100
174 71.4 0.0 142.6
176 68.2 0.0 134.2

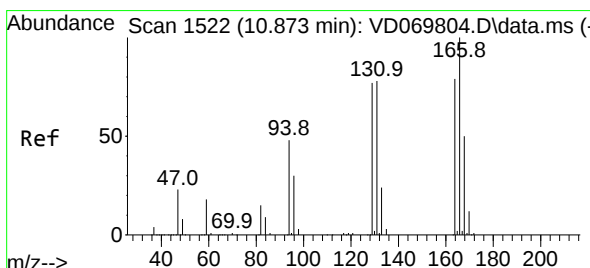
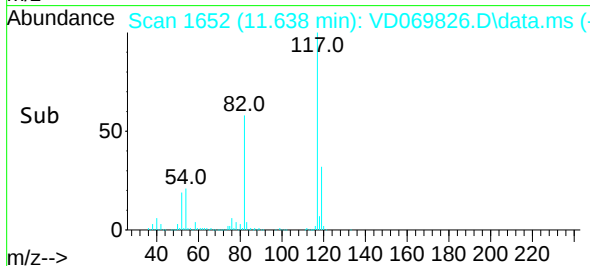
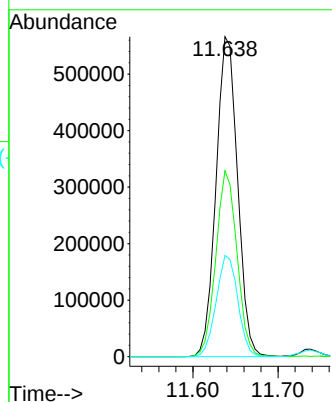
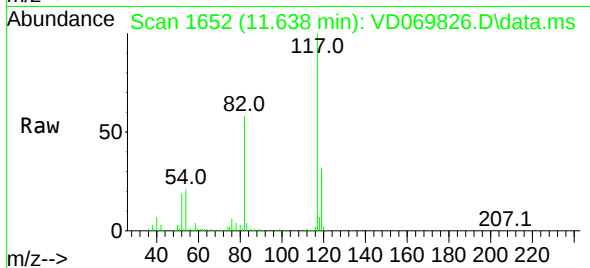




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

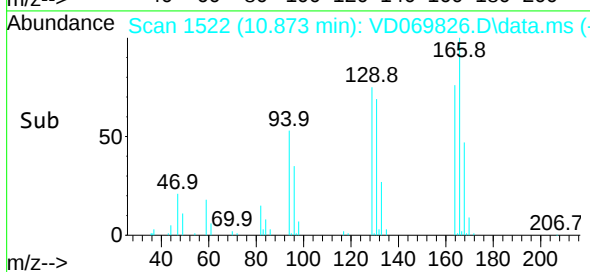
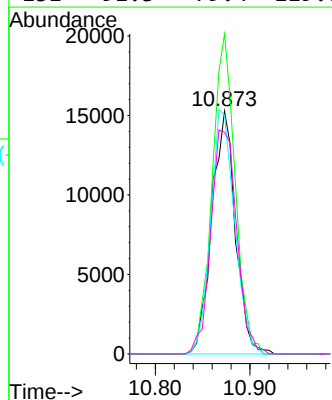
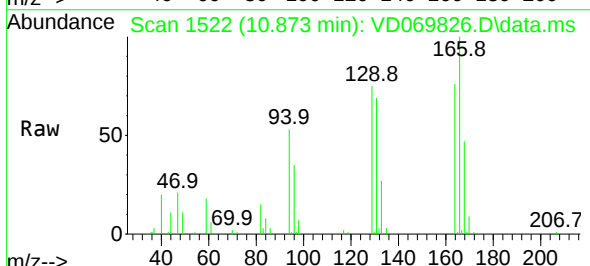
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

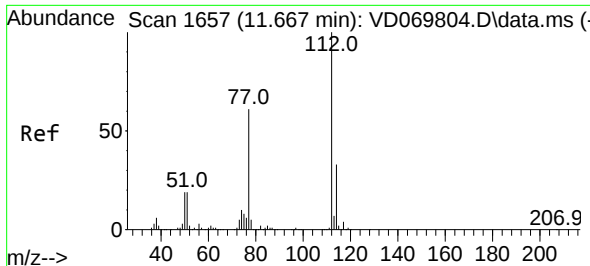
Tgt Ion:117 Resp: 996723
Ion Ratio Lower Upper
117 100
82 58.1 46.3 69.5
119 31.6 24.7 37.1



#64
Tetrachloroethene
Concen: 4.182 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion:164 Resp: 26571
Ion Ratio Lower Upper
164 100
166 131.7 101.8 152.8
129 98.3 78.8 118.2
131 91.3 79.4 119.0

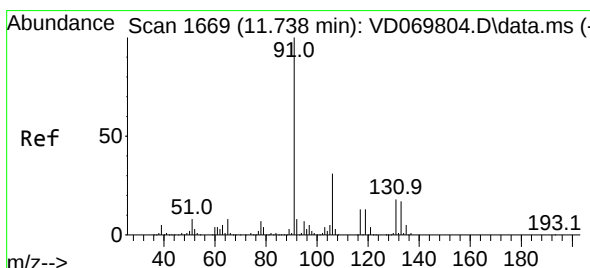
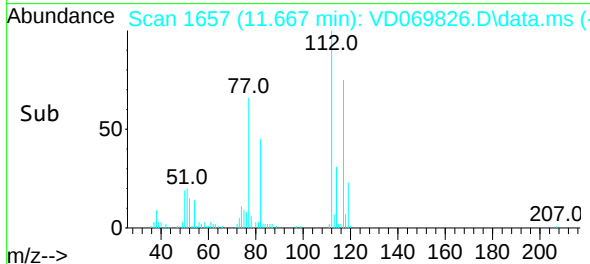
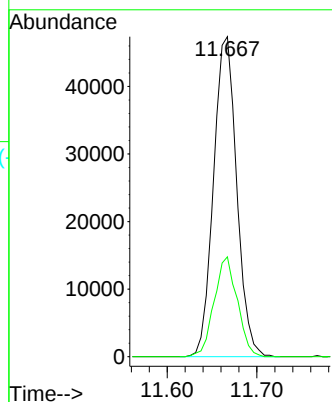
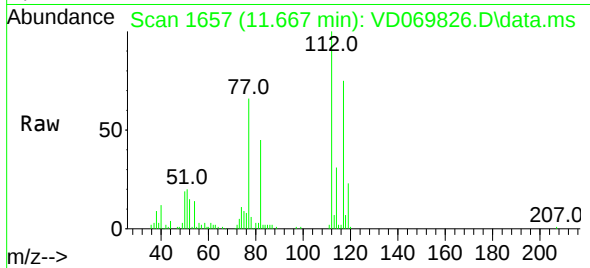




#65
Chlorobenzene
Concen: 4.116 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

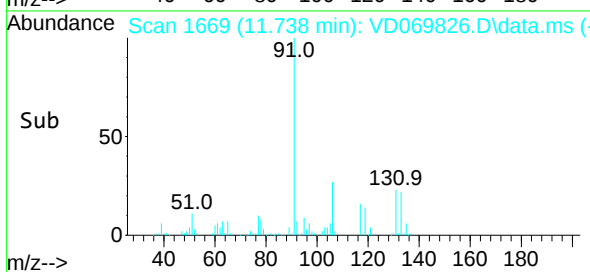
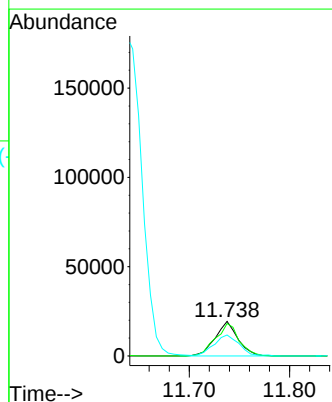
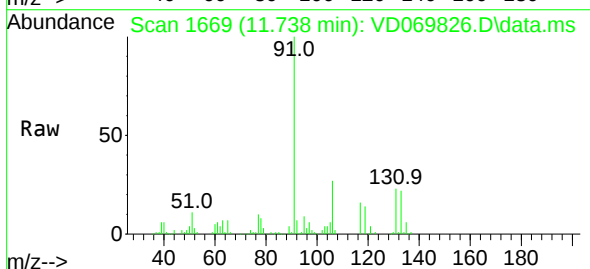
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

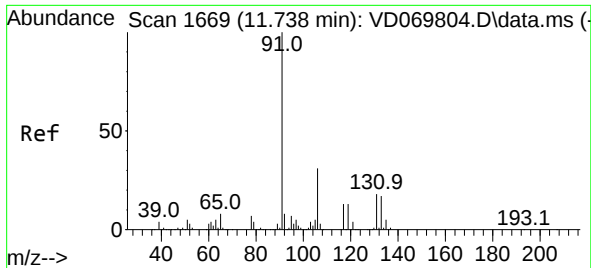
Tgt Ion:112 Resp: 85004
Ion Ratio Lower Upper
112 100
114 31.2 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 4.074 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion:131 Resp: 30264
Ion Ratio Lower Upper
131 100
133 98.4 46.4 139.1
119 68.2 34.2 102.5

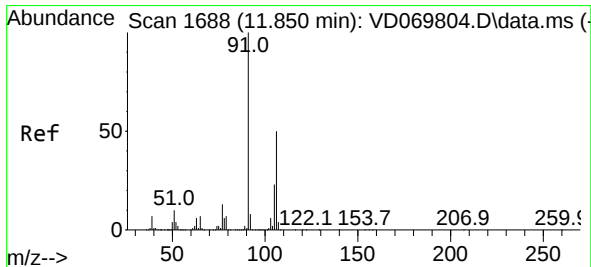
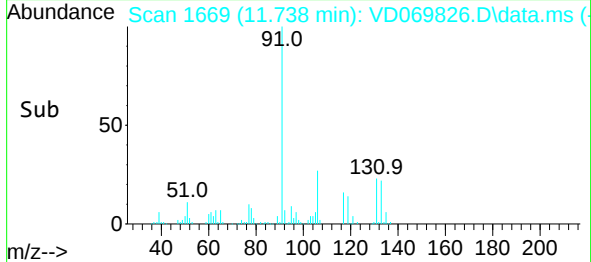
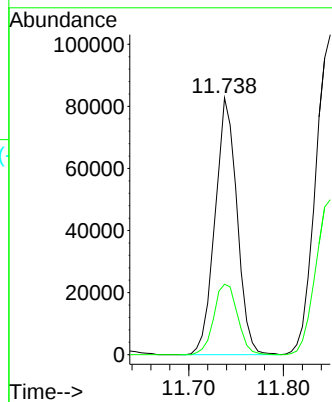
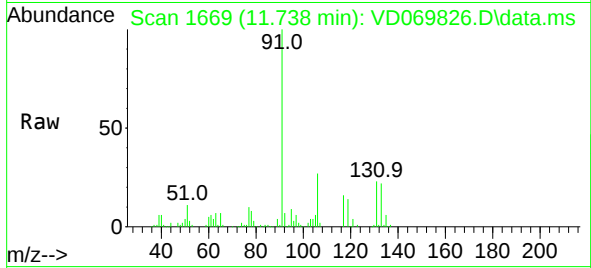




#67
Ethyl Benzene
Concen: 3.669 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

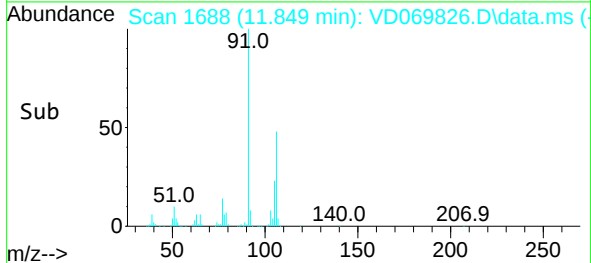
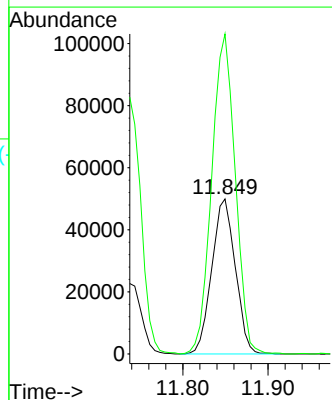
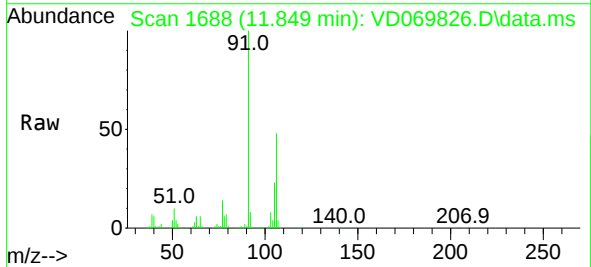
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

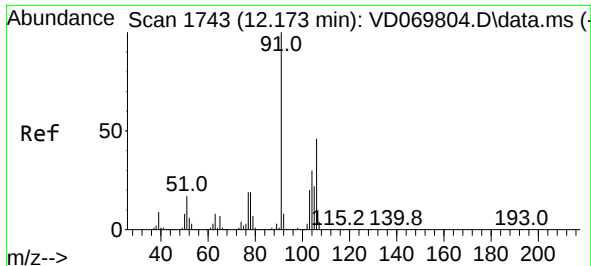
Tgt Ion: 91 Resp: 133401
Ion Ratio Lower Upper
91 100
106 27.4 24.9 37.3



#68
m/p-Xylenes
Concen: 6.808 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 106 Resp: 95956
Ion Ratio Lower Upper
106 100
91 206.4 162.4 243.6

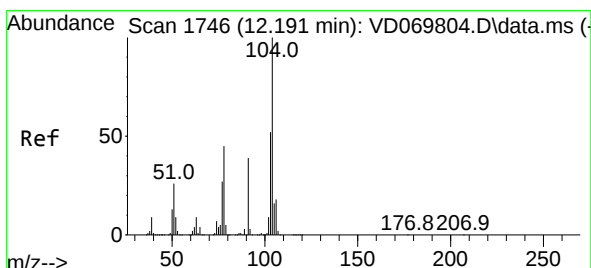
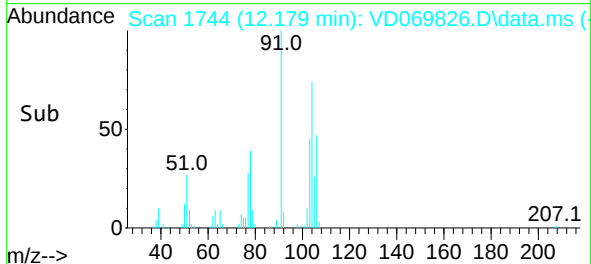
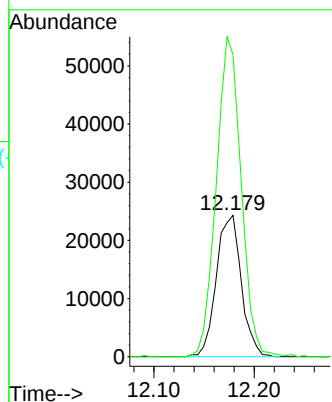
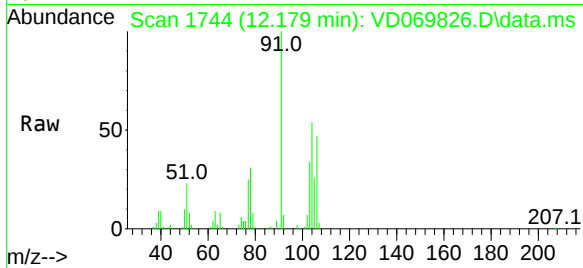




#69
o-Xylene
Concen: 3.274 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

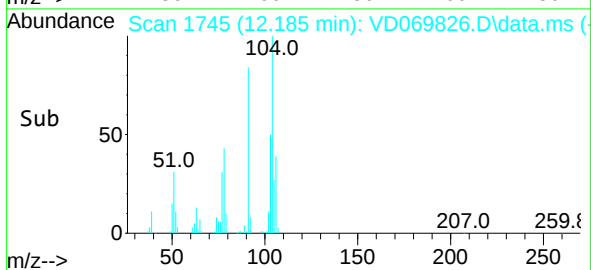
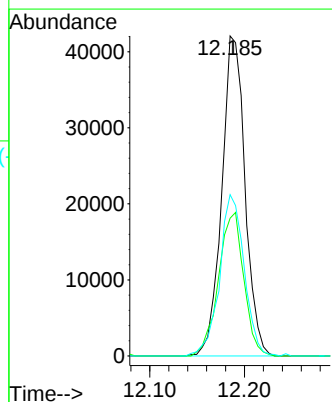
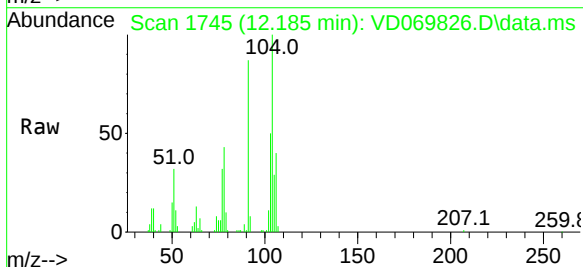
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

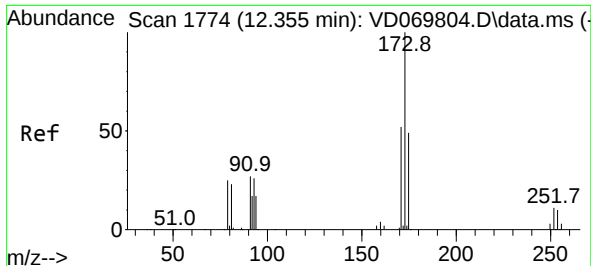
Tgt Ion:106 Resp: 41951
Ion Ratio Lower Upper
106 100
91 226.1 107.6 322.8



#70
Styrene
Concen: 3.235 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion:104 Resp: 71823
Ion Ratio Lower Upper
104 100
78 48.8 39.7 59.5
103 53.3 44.0 66.0

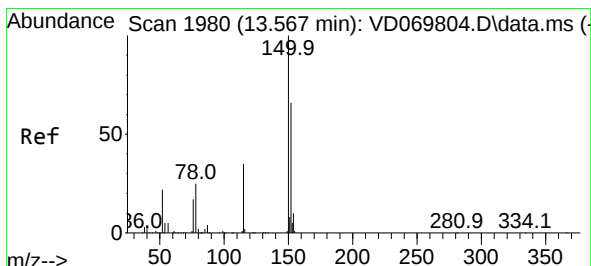
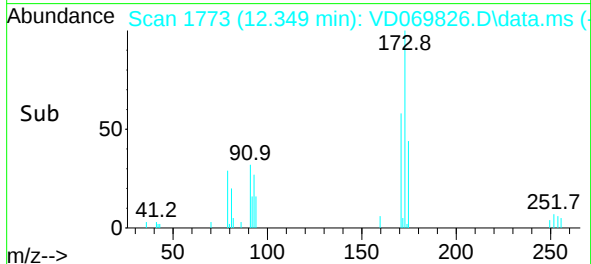
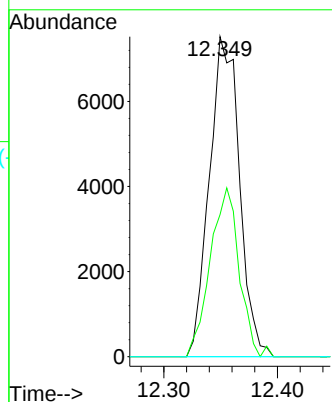
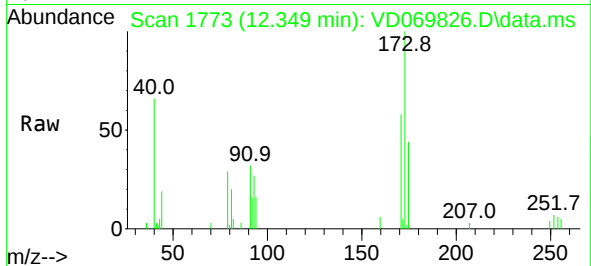




#71
Bromoform
Concen: 3.835 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

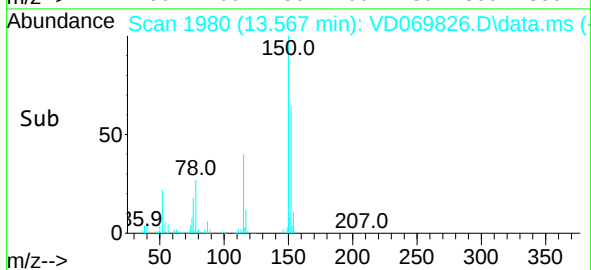
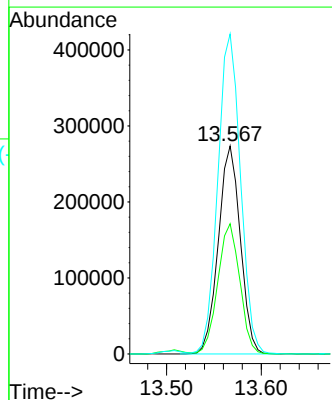
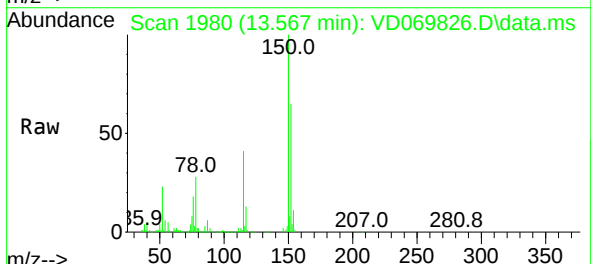
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

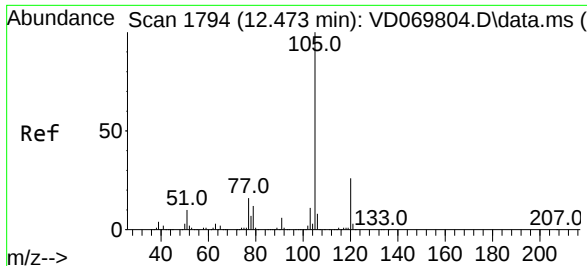
Tgt Ion:173 Resp: 13836
Ion Ratio Lower Upper
173 100
175 50.9 24.1 72.3
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion:152 Resp: 441225
Ion Ratio Lower Upper
152 100
115 62.7 31.1 93.3
150 158.9 0.0 343.0

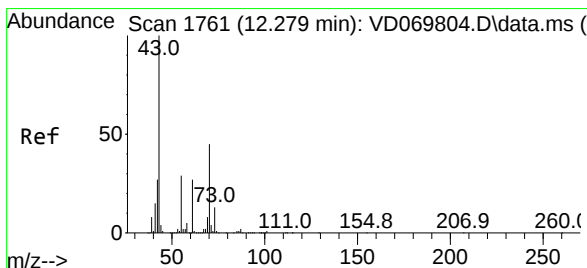
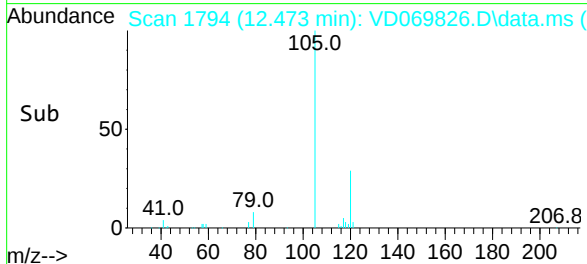
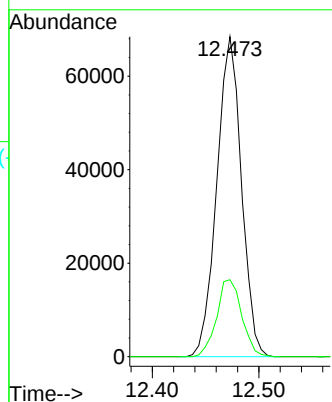
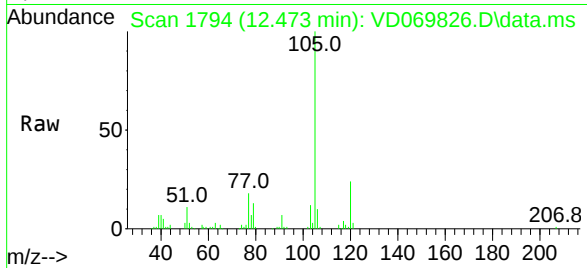




#73
Isopropylbenzene
Concen: 3.464 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

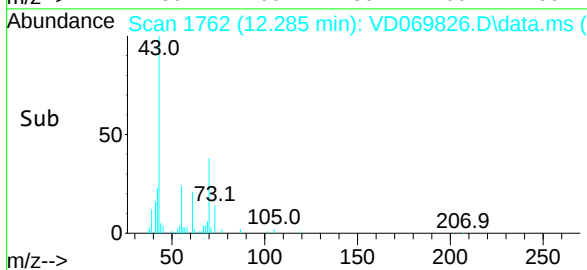
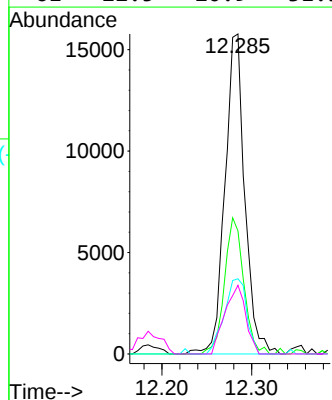
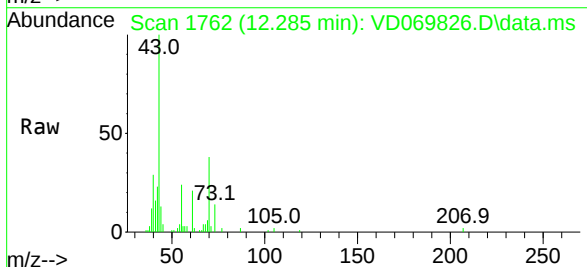
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

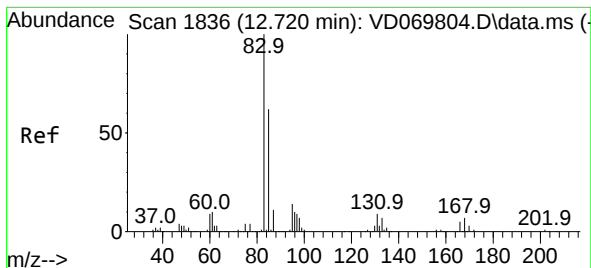
Tgt Ion:105 Resp: 109820
Ion Ratio Lower Upper
105 100
120 24.5 13.0 38.9



#74
N-ethyl acetate
Concen: 3.718 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 43 Resp: 24248
Ion Ratio Lower Upper
43 100
70 41.1 37.9 56.9
55 26.4 23.7 35.5
61 22.5 20.9 31.3



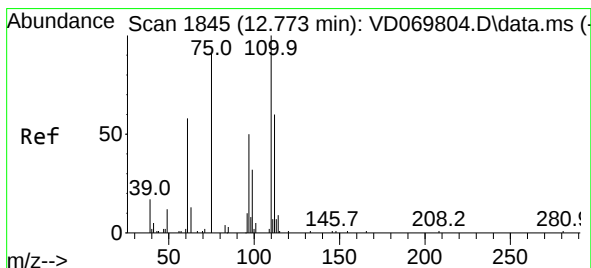
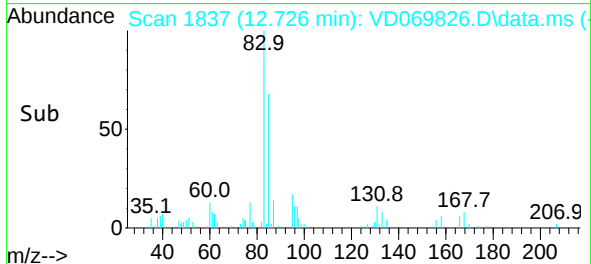
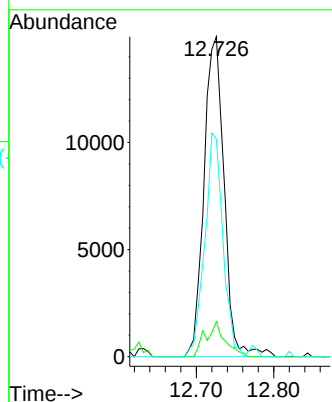
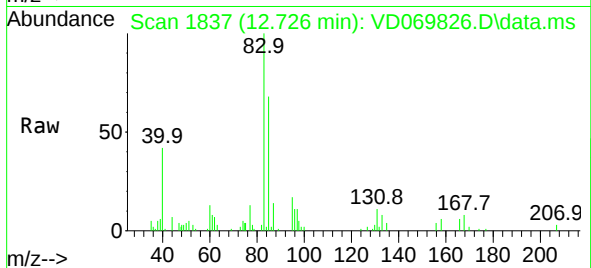


#75

1,1,2,2-Tetrachloroethane
Concen: 4.265 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

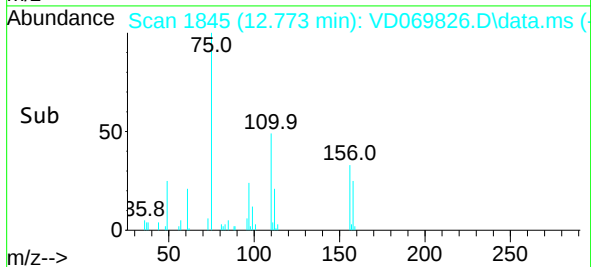
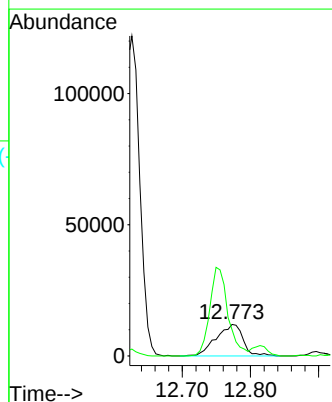
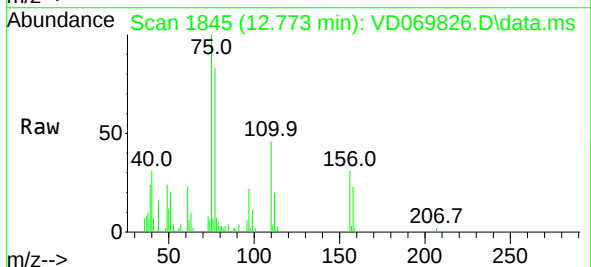
Tgt Ion: 83 Resp: 27000
Ion Ratio Lower Upper
83 100
131 10.5 4.9 14.6
85 63.0 31.8 95.4

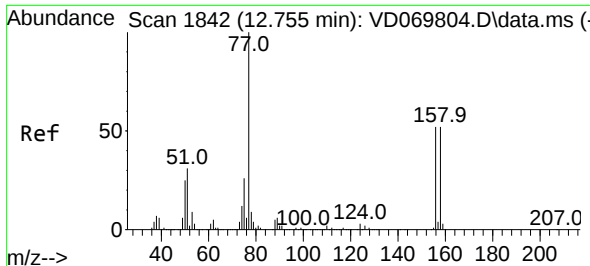


#76

1,2,3-Trichloropropane
Concen: 7.029 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 75 Resp: 32964
Ion Ratio Lower Upper
75 100
77 0.0 181.5 544.5#

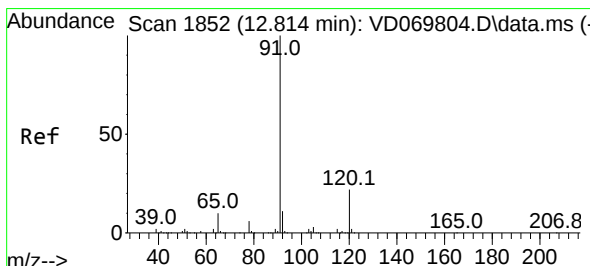
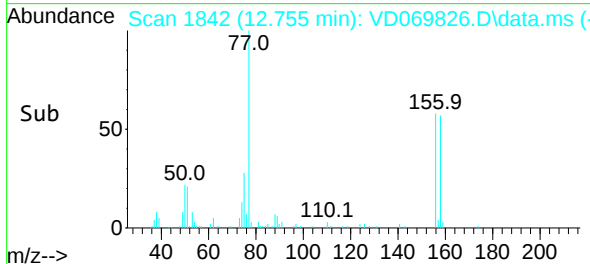
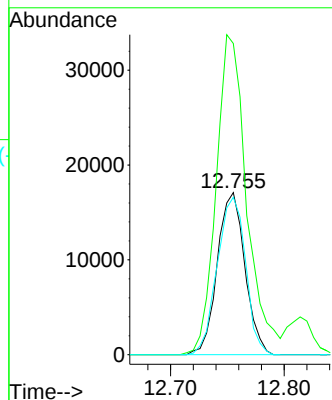
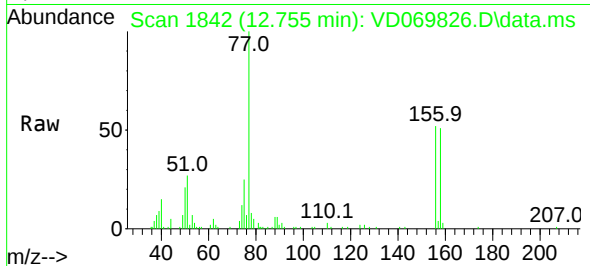




#77
Bromobenzene
Concen: 4.042 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

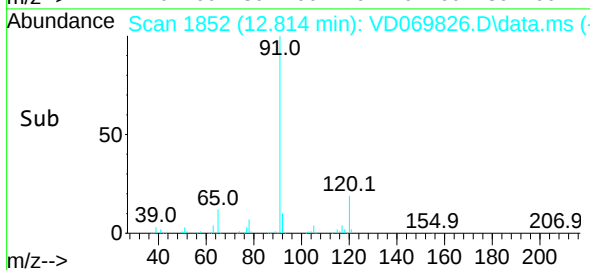
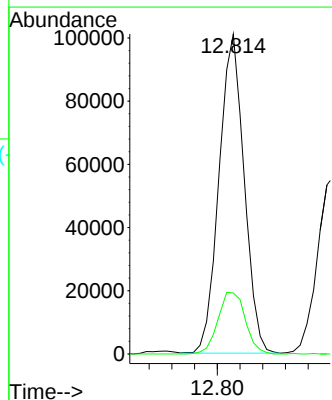
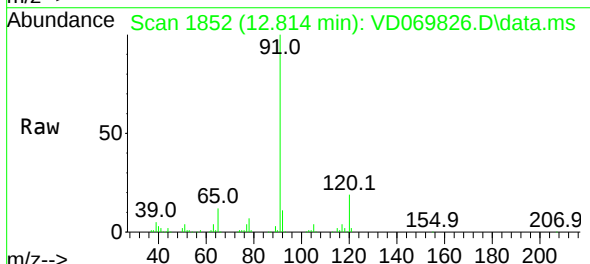
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

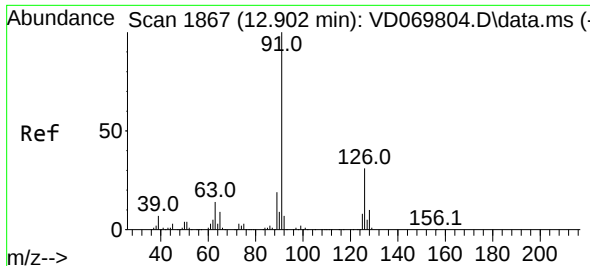
Tgt Ion:156 Resp: 28861
Ion Ratio Lower Upper
156 100
77 217.7 107.1 321.3
158 99.9 48.1 144.3



#78
n-propylbenzene
Concen: 3.799 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 91 Resp: 154676
Ion Ratio Lower Upper
91 100
120 21.1 10.9 32.7

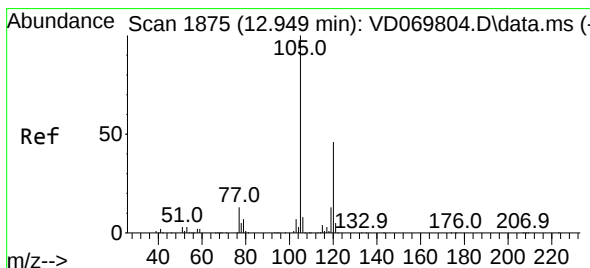
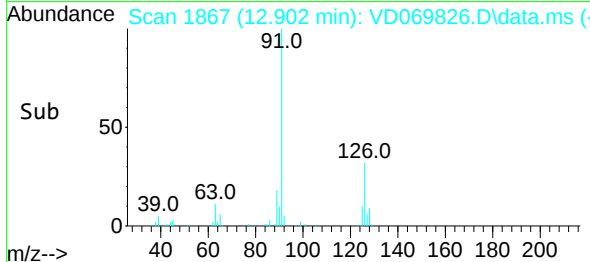
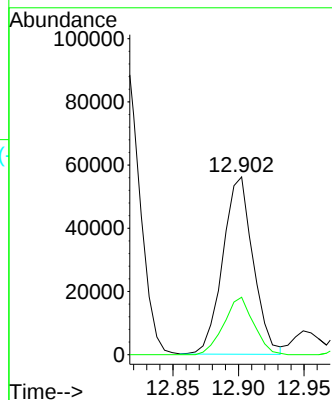
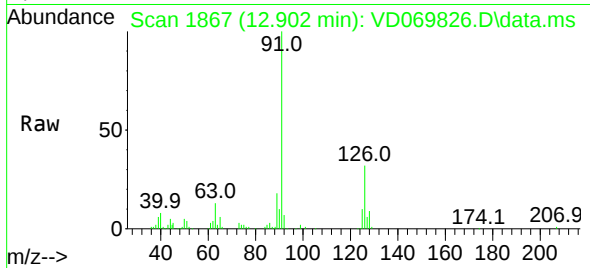




#79
2-Chlorotoluene
Concen: 3.820 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

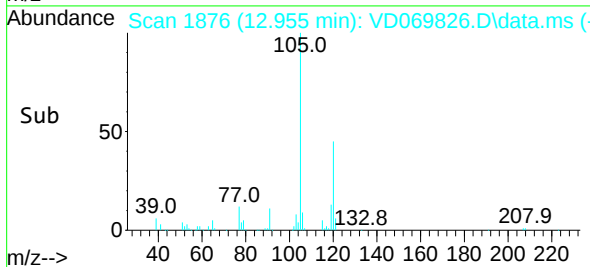
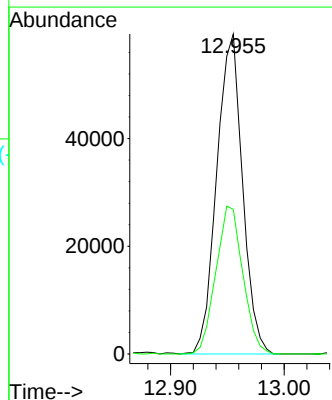
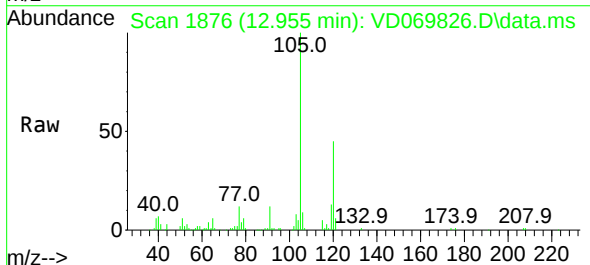
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

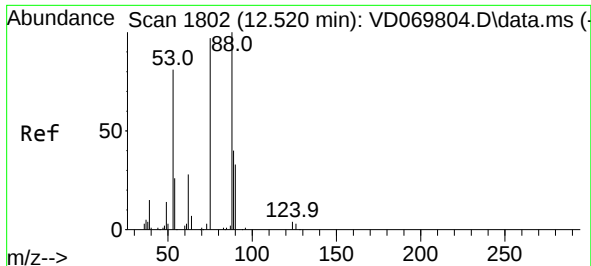
Tgt Ion: 91 Resp: 90353
Ion Ratio Lower Upper
91 100
126 31.9 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 3.453 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 105 Resp: 93638
Ion Ratio Lower Upper
105 100
120 48.3 23.8 71.2

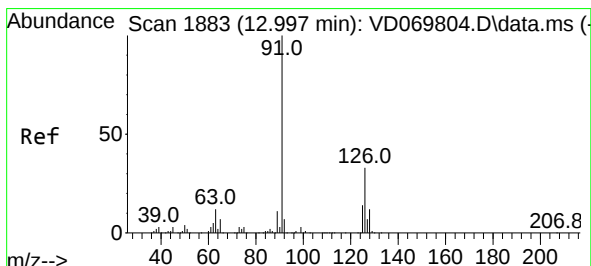
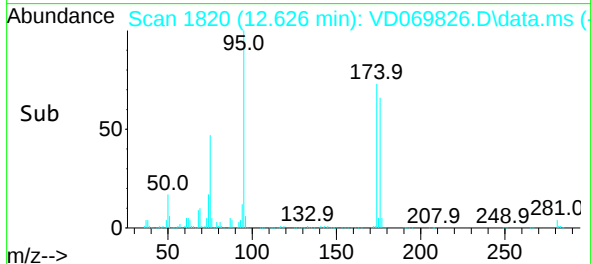
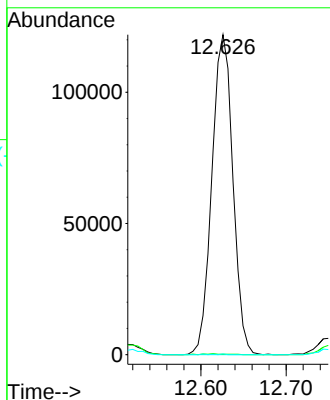
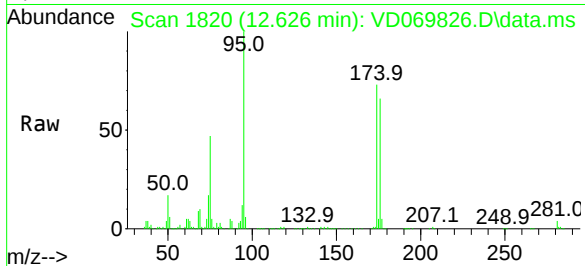




#81
trans-1,4-Dichloro-2-butene
Concen: 135.296 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

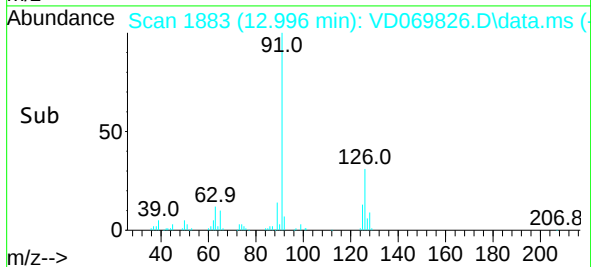
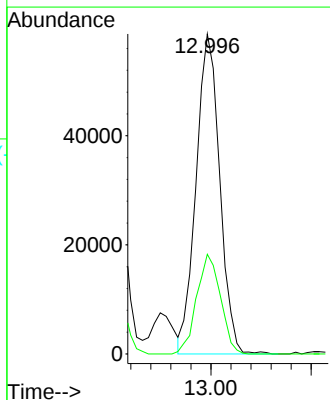
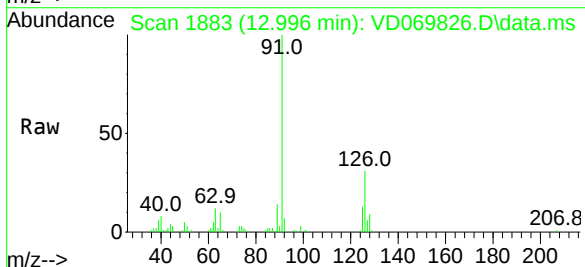
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

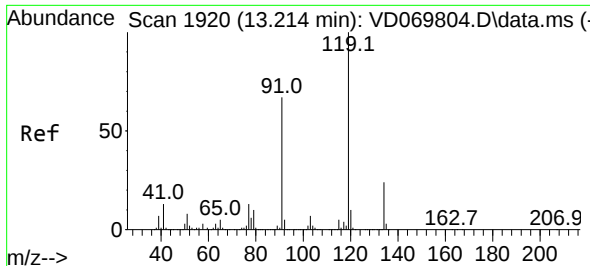
Tgt Ion: 75 Resp: 209156
Ion Ratio Lower Upper
75 100
53 0.4 67.2 100.8#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 3.891 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 91 Resp: 96208
Ion Ratio Lower Upper
91 100
126 31.4 15.9 47.6

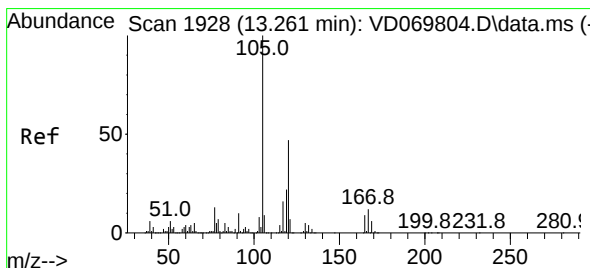
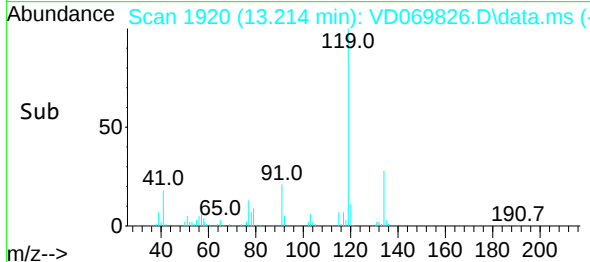
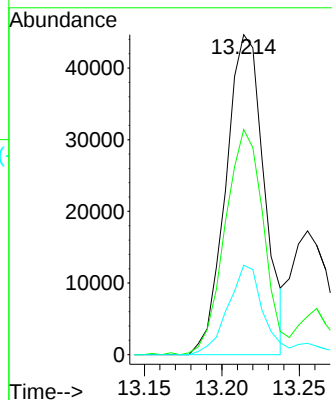
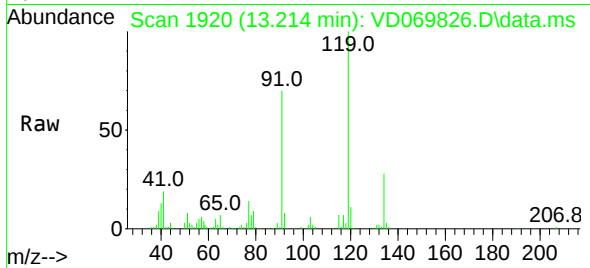




#83
tert-Butylbenzene
Concen: 3.473 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

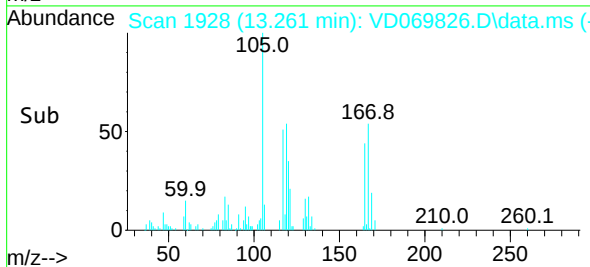
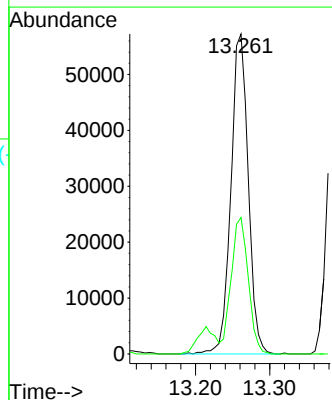
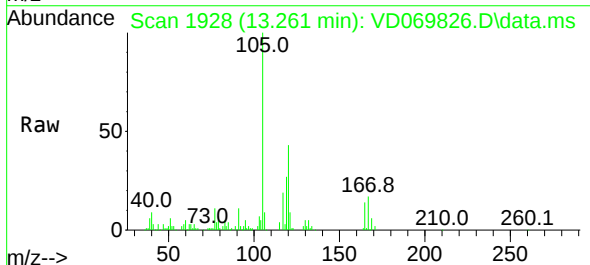
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

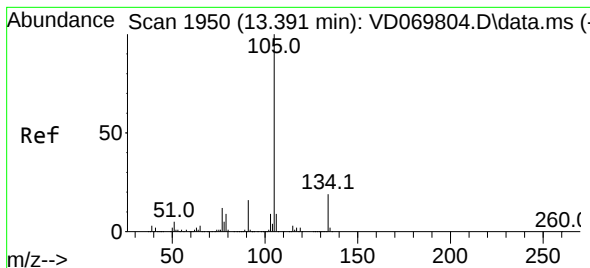
Tgt Ion:119 Resp: 76570
Ion Ratio Lower Upper
119 100
91 71.2 33.7 101.1
134 25.5 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 3.466 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion:105 Resp: 92724
Ion Ratio Lower Upper
105 100
120 42.4 22.6 67.8

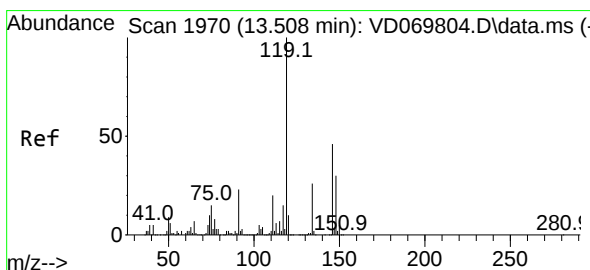
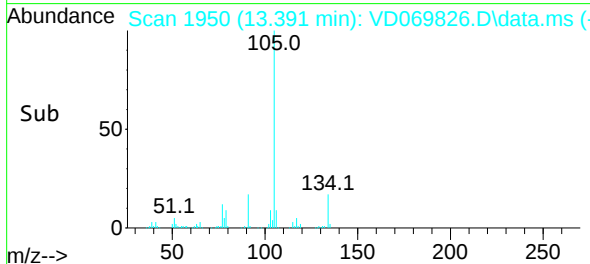
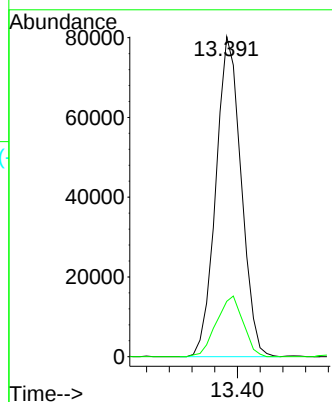
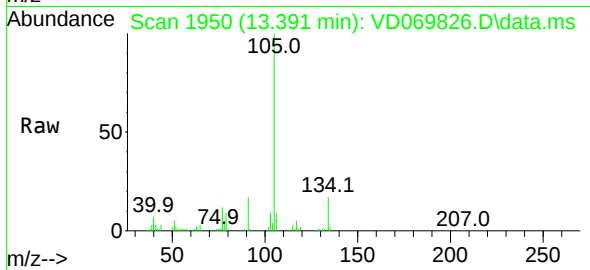




#85
 sec-Butylbenzene
 Concen: 3.565 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD069826.D
 Acq: 23 Jul 2021 13:57

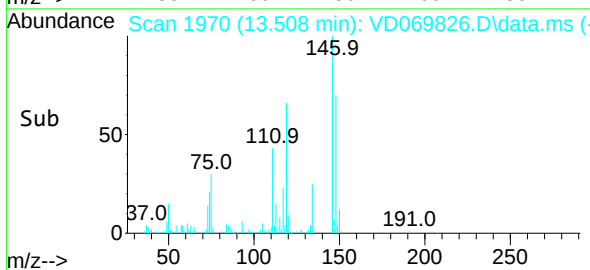
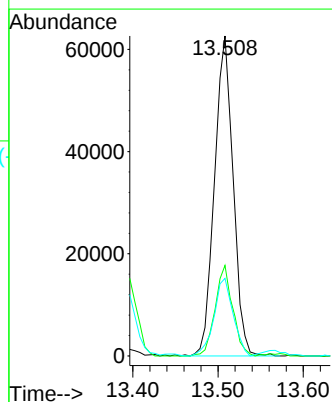
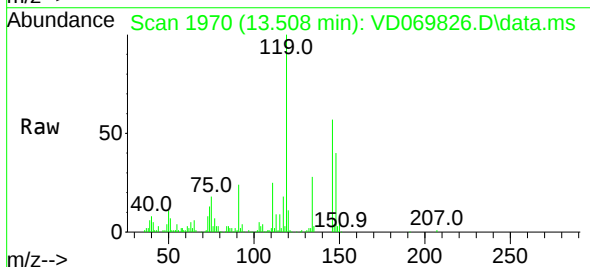
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

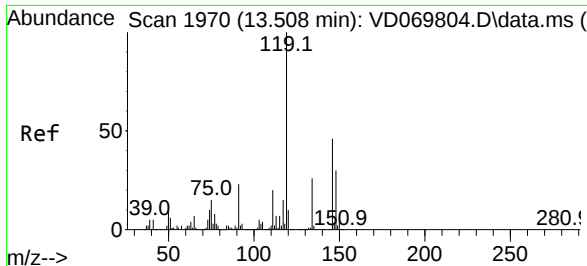
Tgt Ion:105 Resp: 124262
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 3.367 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.000 min
 Lab File: VD069826.D
 Acq: 23 Jul 2021 13:57

Tgt Ion:119 Resp: 95349
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.6 37.8
 91 25.0 11.7 35.1

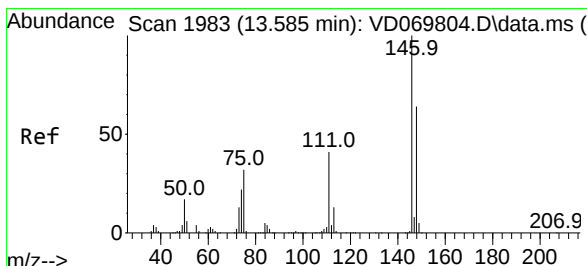
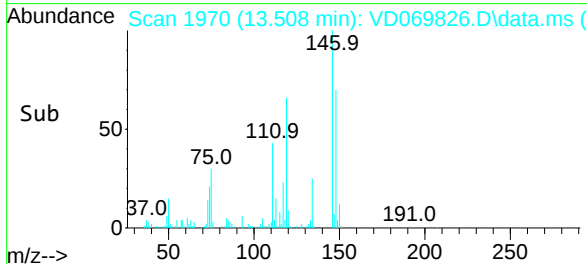
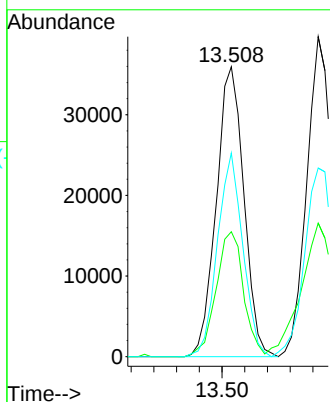
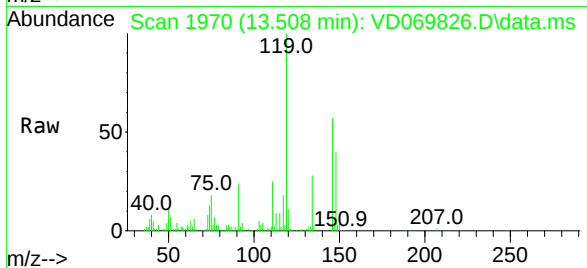




#87
1,3-Dichlorobenzene
Concen: 4.039 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

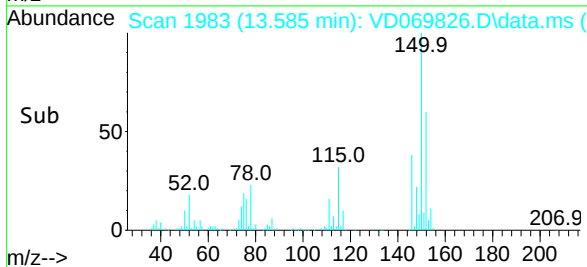
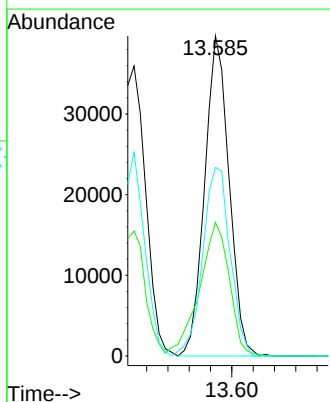
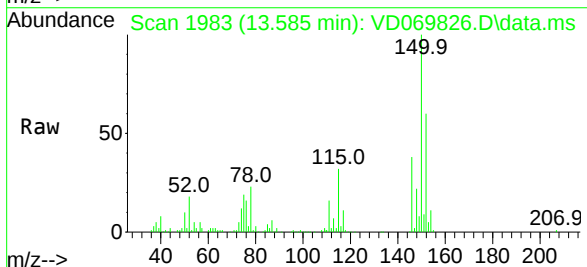
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

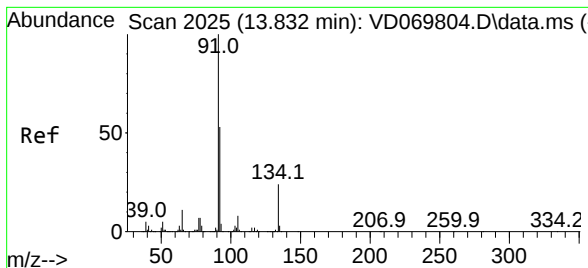
Tgt Ion:146 Resp: 60550
Ion Ratio Lower Upper
146 100
111 43.0 21.7 65.1
148 64.6 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 4.226 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion:146 Resp: 63150
Ion Ratio Lower Upper
146 100
111 51.2 20.8 62.4
148 66.3 31.6 95.0

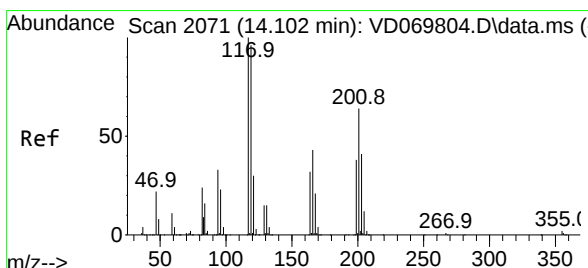
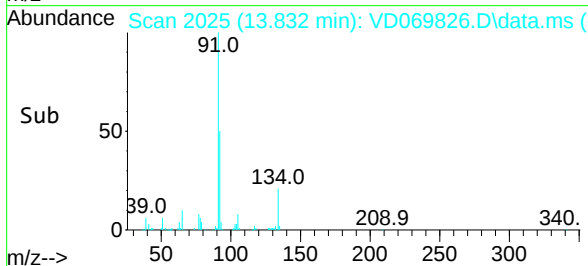
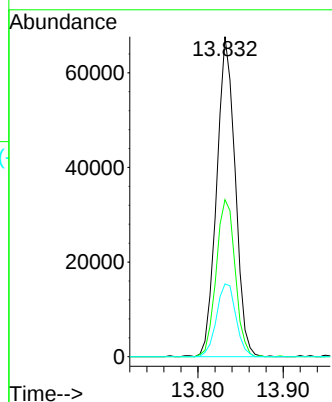
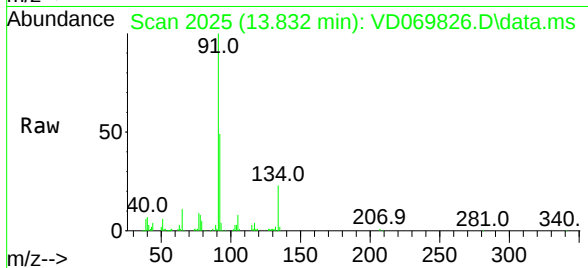




#89
n-Butylbenzene
Concen: 3.660 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

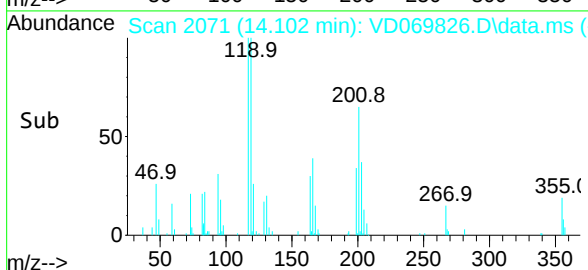
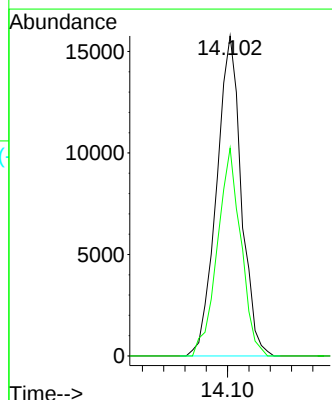
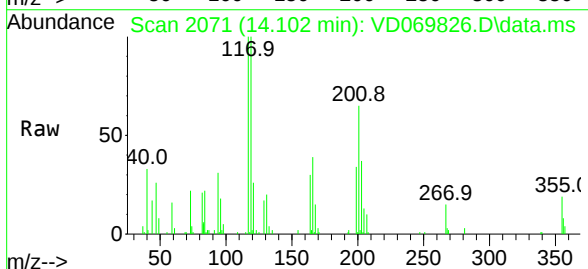
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

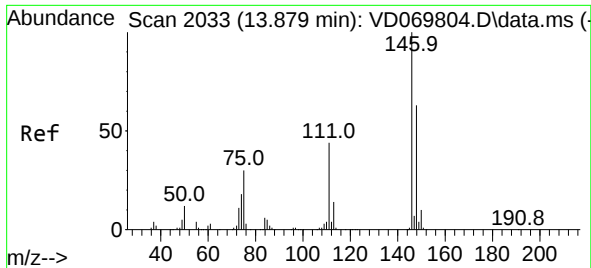
Tgt Ion: 91 Resp: 102296
Ion Ratio Lower Upper
91 100
92 50.3 26.6 79.7
134 23.9 11.9 35.7



#90
Hexachloroethane
Concen: 4.244 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion: 117 Resp: 25460
Ion Ratio Lower Upper
117 100
201 61.9 31.9 95.5

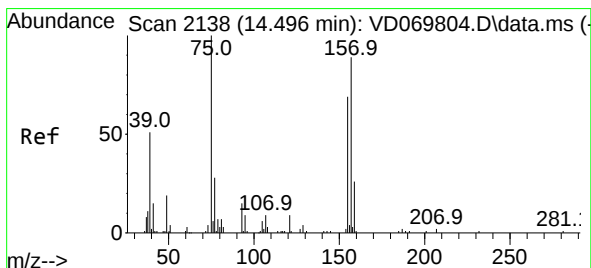
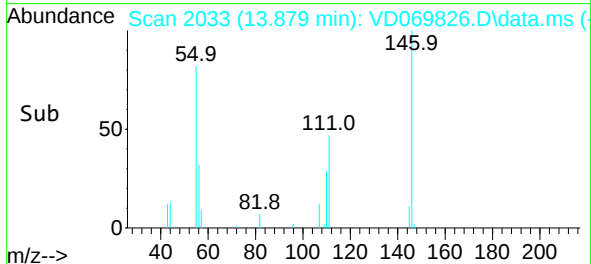
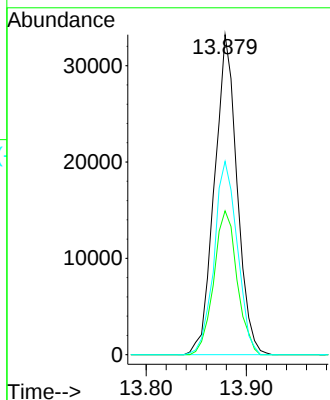
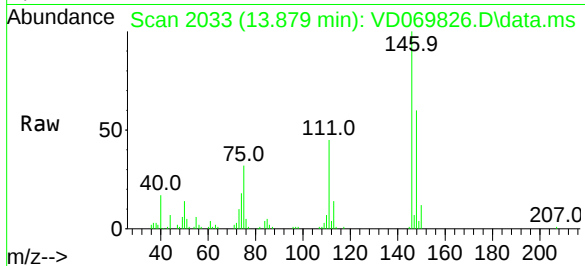




#91
1,2-Dichlorobenzene
Concen: 4.012 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

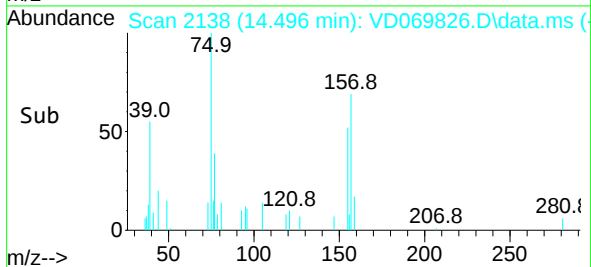
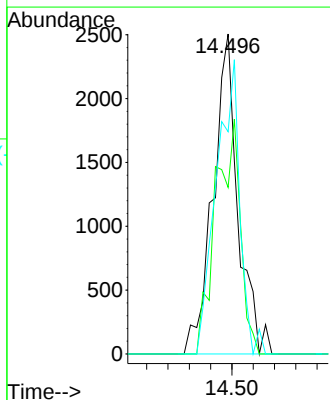
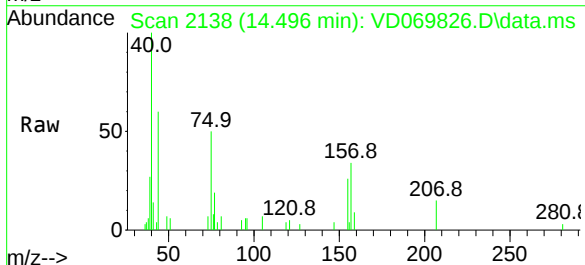
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

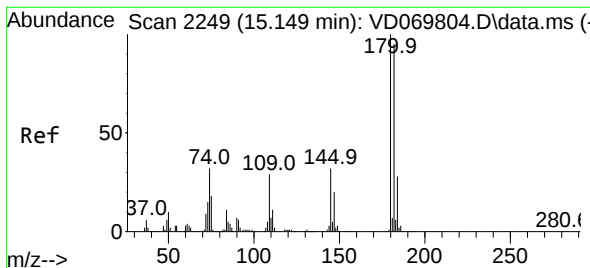
Tgt Ion:	146	Resp:	51910
Ion	Ratio	Lower	Upper
146	100		
111	46.4	21.7	65.1
148	61.9	31.2	93.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.449 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion:	75	Resp:	4056
Ion	Ratio	Lower	Upper
75	100		
155	73.2	36.3	108.9
157	86.5	47.0	141.0

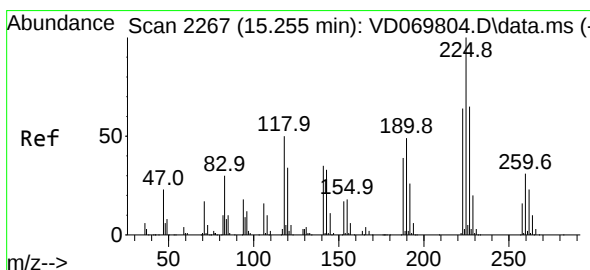
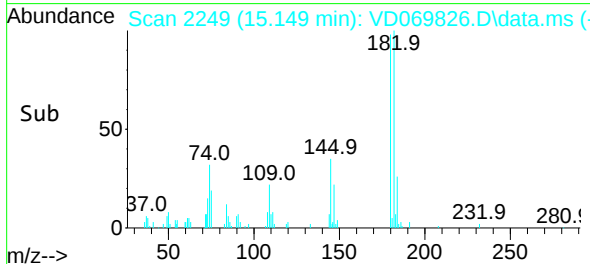
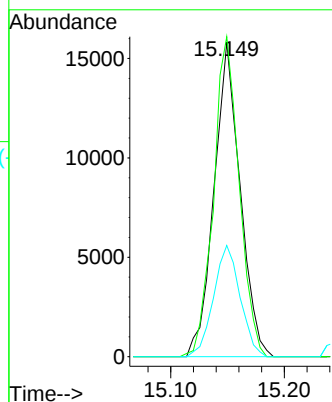
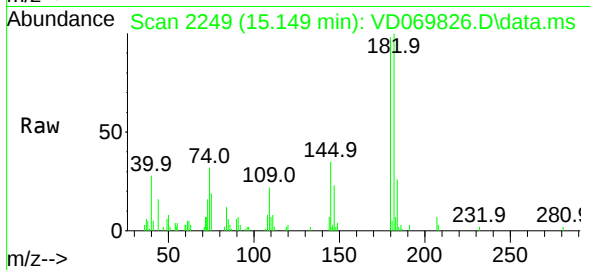




#93
1,2,4-Trichlorobenzene
Concen: 3.613 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

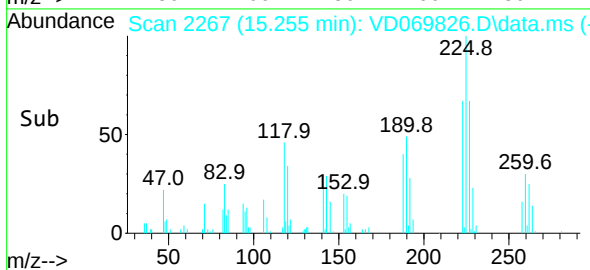
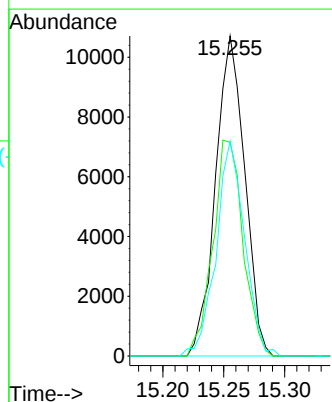
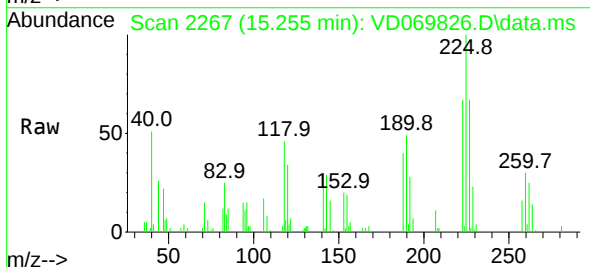
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

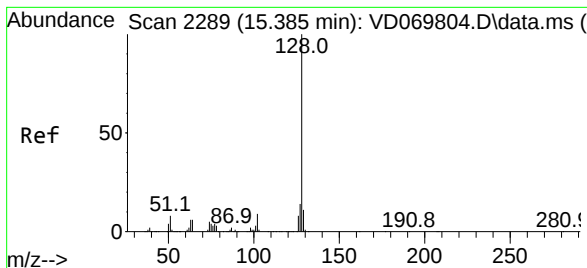
Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.9	47.6	142.9
145	36.0	16.4	49.2



#94
Hexachlorobutadiene
Concen: 4.184 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.5	31.5	94.5
227	65.6	31.9	95.7

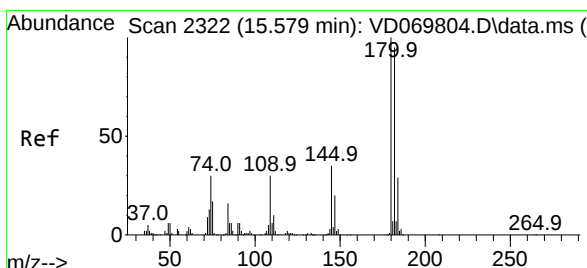
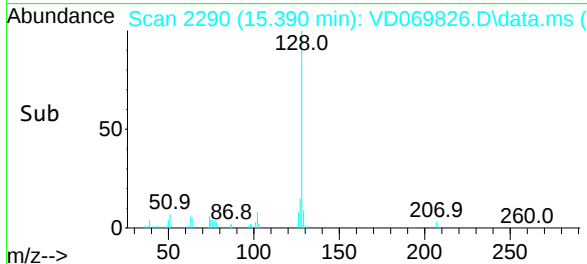
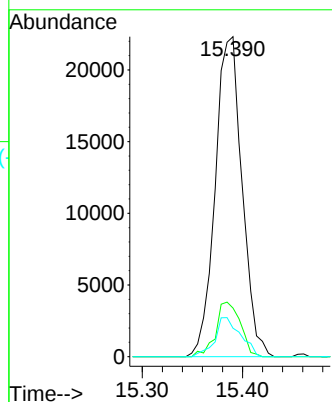
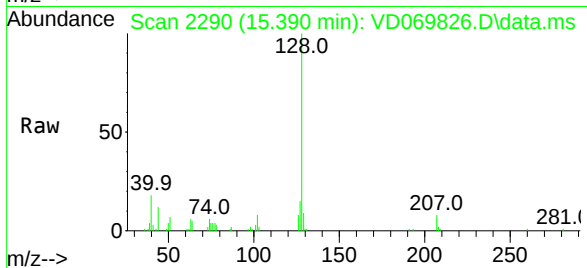




#95
Naphthalene
Concen: 3.326 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.005 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:128 Resp: 41445
Ion Ratio Lower Upper
128 100
127 15.6 10.6 16.0
129 11.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 3.691 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD069826.D
Acq: 23 Jul 2021 13:57

Tgt Ion:180 Resp: 22283
Ion Ratio Lower Upper
180 100
182 101.7 47.3 142.0
145 34.5 17.3 51.9

