

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
 Data File : VD069825.D
 Acq On : 23 Jul 2021 13:29
 Operator : VA/SY
 Sample : M2940-01 2.5PPBLOD
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 24 02:17:36 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	555418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1047480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	967103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	421749	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	349729	54.749	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.500%	
35) Dibromofluoromethane	7.914	113	341940	51.783	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.560%	
50) Toluene-d8	10.338	98	1274612	50.059	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.120%	
62) 4-Bromofluorobenzene	12.626	95	397998	46.771	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.540%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	16886	2.888	ug/l	96
3) Chloromethane	2.209	50	22310	2.631	ug/l	95
4) Vinyl Chloride	2.350	62	24738	2.773	ug/l	98
5) Bromomethane	2.773	94	19927	3.411	ug/l	89
6) Chloroethane	2.920	64	15634	2.704	ug/l	99
7) Trichlorofluoromethane	3.273	101	33339	3.028	ug/l	93
8) Diethyl Ether	3.720	74	8257	2.666	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	20461	2.926	ug/l	97
10) Methyl Iodide	4.303	142	13546	2.217	ug/l #	96
11) Tert butyl alcohol	5.226	59	2582	7.812	ug/l #	73
12) 1,1-Dichloroethene	4.067	96	17919	2.820	ug/l	91
13) Acrolein	3.920	56	4974	10.750	ug/l	96
14) Allyl chloride	4.714	41	23539	2.526	ug/l	97
15) Acrylonitrile	5.414	53	17978	12.339	ug/l	99
16) Acetone	4.167	43	19730	17.098	ug/l	89
17) Carbon Disulfide	4.409	76	62231	2.739	ug/l #	90
18) Methyl Acetate	4.726	43	10180	3.040	ug/l #	74
19) Methyl tert-butyl Ether	5.485	73	30768	2.337	ug/l	95
20) Methylene Chloride	4.961	84	143935	13.695	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	18755	2.505	ug/l	94
22) Diisopropyl ether	6.361	45	41977	2.073	ug/l #	91
23) Vinyl Acetate	6.303	43	96161	9.915	ug/l	96
24) 1,1-Dichloroethane	6.261	63	38279	2.737	ug/l	97
25) 2-Butanone	7.214	43	19499	12.460	ug/l	99
26) 2,2-Dichloropropane	7.208	77	28681	2.697	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	20358	2.548	ug/l	98
28) Bromochloromethane	7.550	49	13756	2.591	ug/l	93
29) Tetrahydrofuran	7.573	42	10688	10.557	ug/l	94
30) Chloroform	7.714	83	37852	2.692	ug/l	91
31) Cyclohexane	7.985	56	41817	3.350	ug/l #	61
32) 1,1,1-Trichloroethane	7.902	97	31760	2.729	ug/l	99
36) 1,1-Dichloropropene	8.108	75	29603	2.619	ug/l	96
37) Ethyl Acetate	7.297	43	10200	2.479	ug/l #	90
38) Carbon Tetrachloride	8.091	117	28496	2.760	ug/l	84
39) Methylcyclohexane	9.355	83	29836	2.305	ug/l	90
40) Benzene	8.355	78	80159	2.448	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	5389	2.495	ug/l #	80
42) 1,2-Dichloroethane	8.420	62	22209	2.564	ug/l	100
43) Isopropyl Acetate	8.455	43	17545	2.377	ug/l	95
44) Trichloroethene	9.108	130	20620	2.557	ug/l	85
45) 1,2-Dichloropropane	9.385	63	21550	2.505	ug/l	100
46) Dibromomethane	9.473	93	11005	2.603	ug/l	96
47) Bromodichloromethane	9.655	83	27711	2.522	ug/l	87
48) Methyl methacrylate	9.455	41	7633	2.150	ug/l #	91
49) 1,4-Dioxane	9.455	88	2387	53.433	ug/l #	87
51) 4-Methyl-2-Pentanone	10.226	43	40998	10.675	ug/l	97
52) Toluene	10.396	92	49959	2.515	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	22337	2.422	ug/l	90
54) cis-1,3-Dichloropropene	10.091	75	27093	2.427	ug/l	97
55) 1,1,2-Trichloroethane	10.796	97	14166	2.372	ug/l #	80
56) Ethyl methacrylate	10.661	69	13240	2.025	ug/l	90
57) 1,3-Dichloropropane	10.943	76	25085	2.482	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.944	63	32588	11.634	ug/l	98
59) 2-Hexanone	10.979	43	28209	11.104	ug/l	94
60) Dibromochloromethane	11.132	129	16645	2.461	ug/l	98
61) 1,2-Dibromoethane	11.238	107	12891	2.397	ug/l	92
64) Tetrachloroethene	10.873	164	16943	2.748	ug/l	95
65) Chlorobenzene	11.667	112	52421	2.616	ug/l #	85
66) 1,1,1,2-Tetrachloroethane	11.738	131	18118	2.514	ug/l	96
67) Ethyl Benzene	11.738	91	80743	2.289	ug/l	98
68) m/p-Xylenes	11.849	106	56163	4.107	ug/l	100
69) o-Xylene	12.173	106	24293	1.954	ug/l	93
70) Styrene	12.190	104	40290	1.870	ug/l	96
71) Bromoform	12.355	173	9215	2.633	ug/l #	100
73) Isopropylbenzene	12.473	105	65366	2.157	ug/l	99
74) N-amyl acetate	12.279	43	13335	2.139	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	16366	2.704	ug/l	94
76) 1,2,3-Trichloropropane	12.773	75	20217	4.510	ug/l	20
77) Bromobenzene	12.755	156	17558	2.573	ug/l	98
78) n-propylbenzene	12.814	91	93685	2.407	ug/l	99
79) 2-Chlorotoluene	12.902	91	53618	2.372	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	55847	2.154	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	197394	133.584	ug/l #	16
82) 4-Chlorotoluene	13.002	91	55698	2.357	ug/l	97
83) tert-Butylbenzene	13.214	119	46675	2.215	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	52311	2.046	ug/l	98
85) sec-Butylbenzene	13.396	105	71748	2.153	ug/l	98
86) p-Isopropyltoluene	13.508	119	54744	2.022	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	36588	2.553	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	38927	2.726	ug/l	87
89) n-Butylbenzene	13.832	91	59840	2.240	ug/l	99
90) Hexachloroethane	14.102	117	14623	2.550	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	31871	2.577	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	2742	3.147	ug/l	86
93) 1,2,4-Trichlorobenzene	15.155	180	18421	2.761	ug/l	96
94) Hexachlorobutadiene	15.255	225	11710	2.869	ug/l	98
95) Naphthalene	15.384	128	27740	2.329	ug/l	96
96) 1,2,3-Trichlorobenzene	15.579	180	14138	2.450	ug/l	97

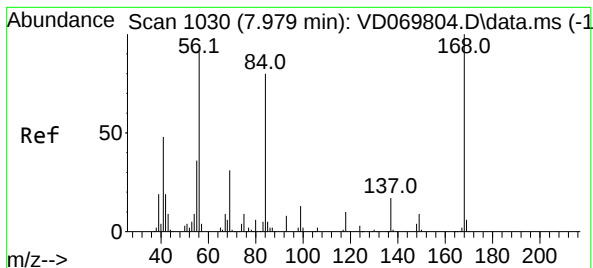
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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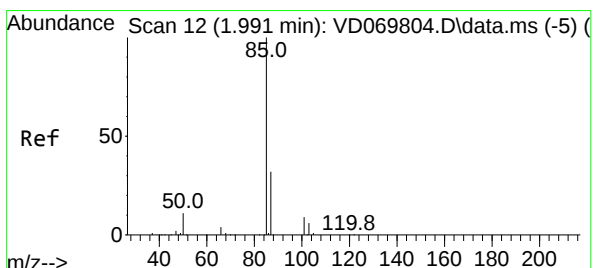
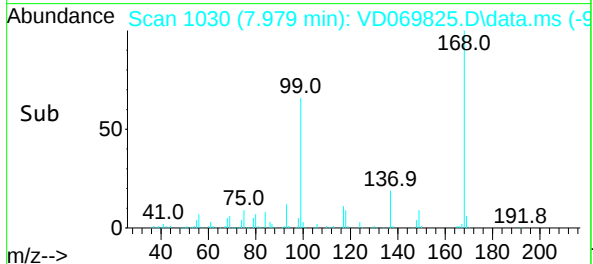
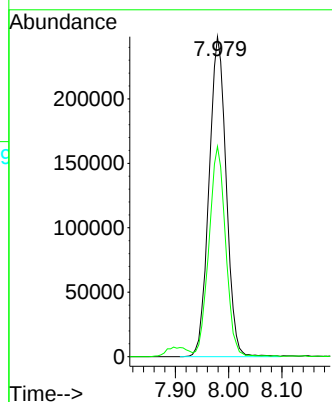
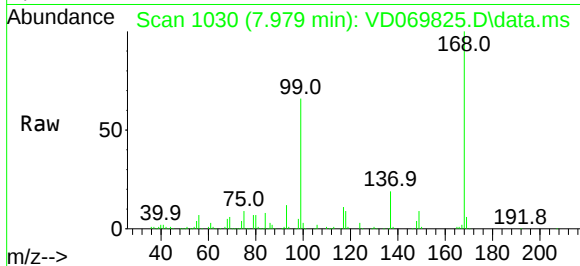
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

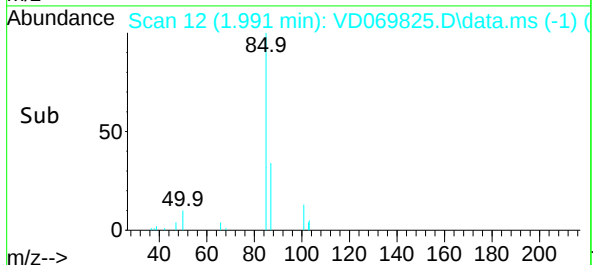
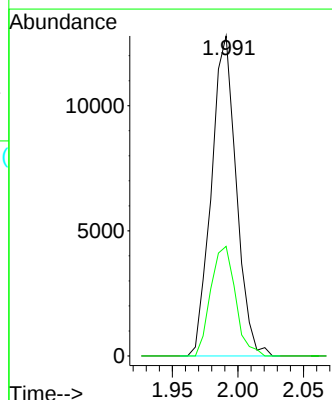
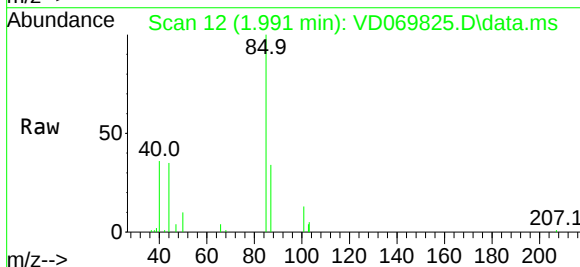
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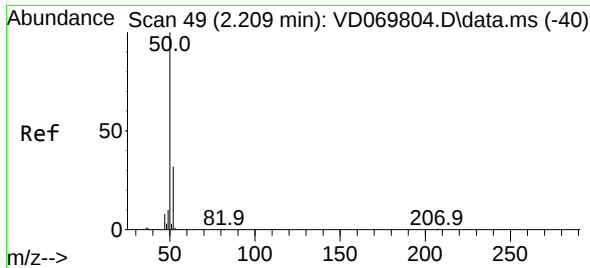
Tgt Ion:168 Resp: 555418
Ion Ratio Lower Upper
168 100
99 65.6 51.1 76.7



#2
Dichlorodifluoromethane
Concen: 2.888 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 85 Resp: 16886
Ion Ratio Lower Upper
85 100
87 34.2 16.1 48.3

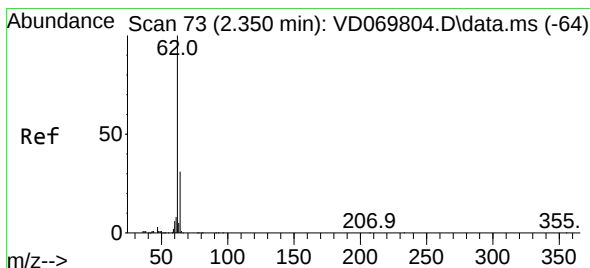
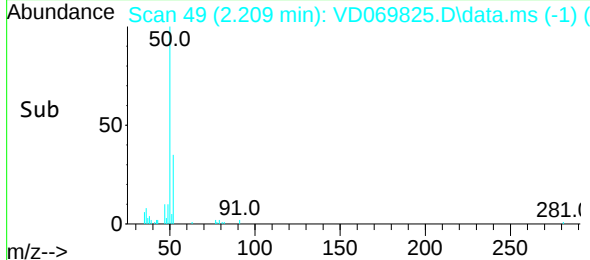
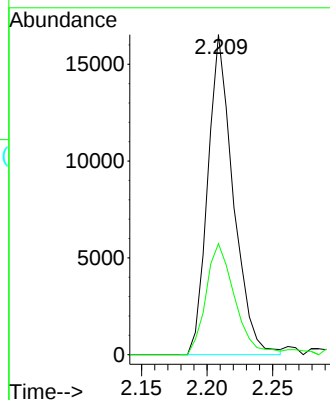
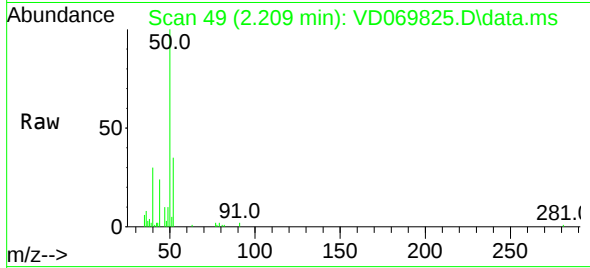




#3
Chloromethane
Concen: 2.631 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

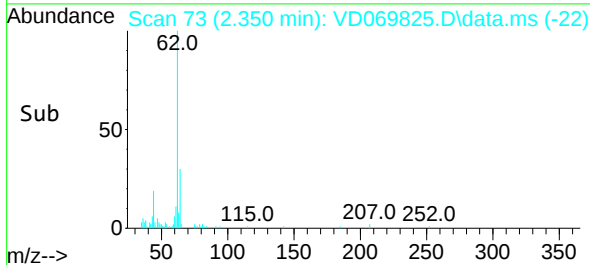
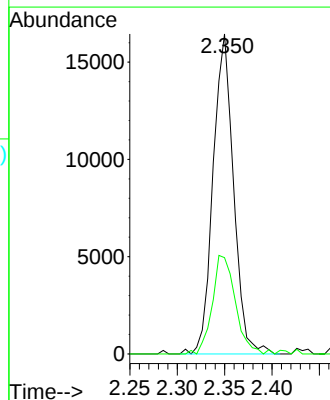
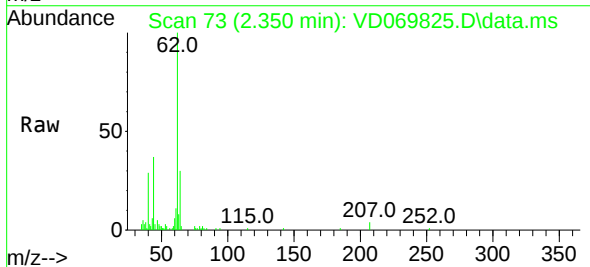
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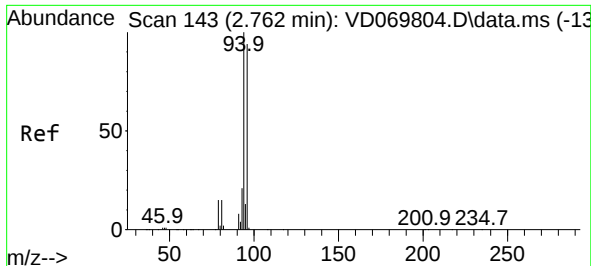
Tgt Ion: 50 Resp: 22310
Ion Ratio Lower Upper
50 100
52 34.7 25.7 38.5



#4
Vinyl Chloride
Concen: 2.773 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 62 Resp: 24738
Ion Ratio Lower Upper
62 100
64 30.1 25.0 37.4

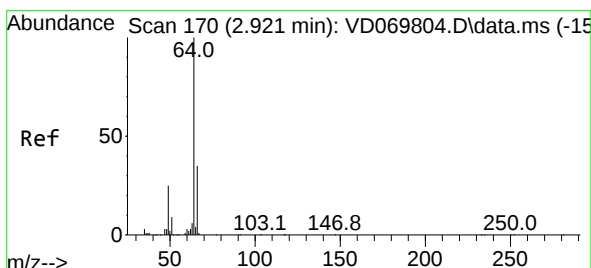
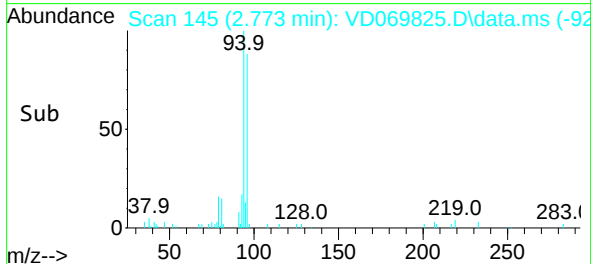
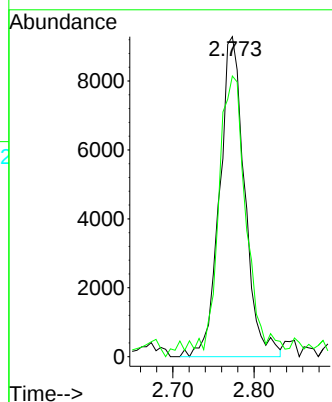
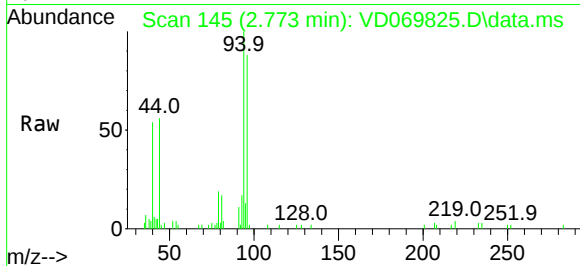




#5
Bromomethane
Concen: 3.411 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

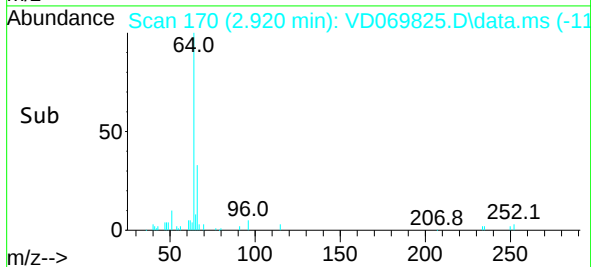
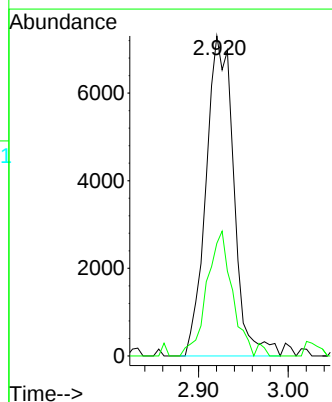
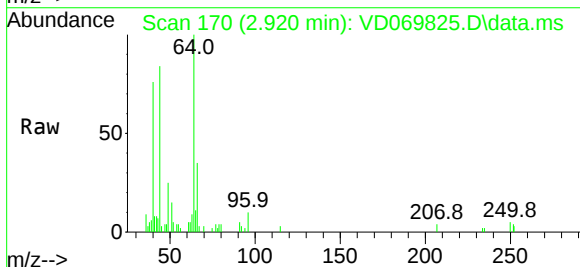
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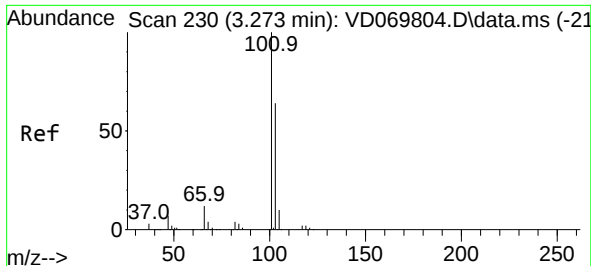
Tgt Ion: 94 Resp: 19927
Ion Ratio Lower Upper
94 100
96 82.9 74.8 112.2



#6
Chloroethane
Concen: 2.704 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 64 Resp: 15634
Ion Ratio Lower Upper
64 100
66 35.2 27.8 41.6

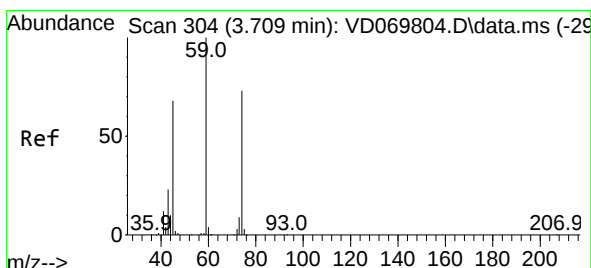
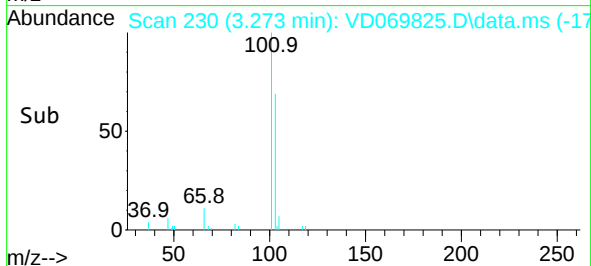
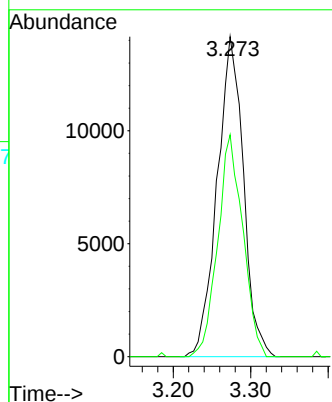
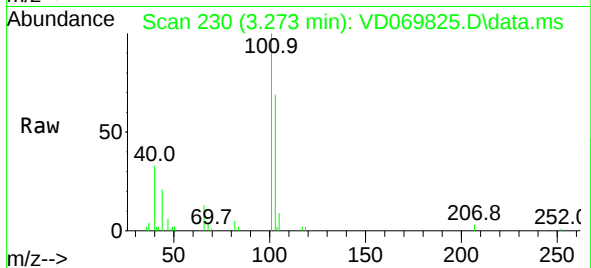




#7
Trichlorofluoromethane
Concen: 3.028 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

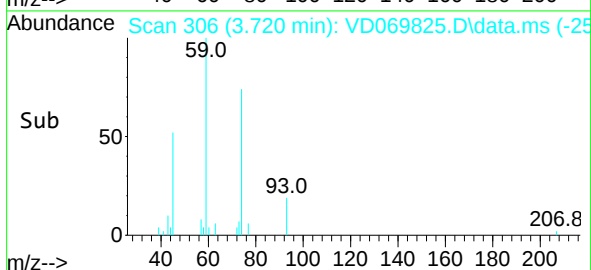
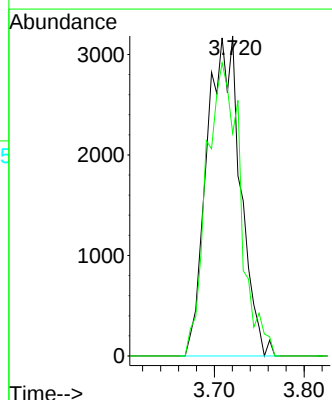
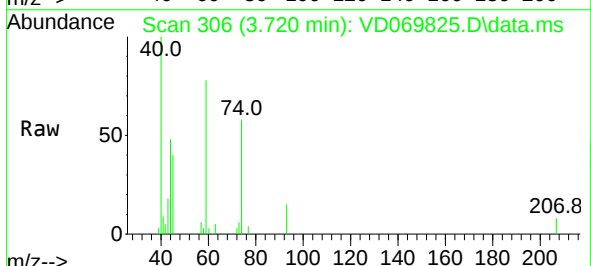
Instrument :
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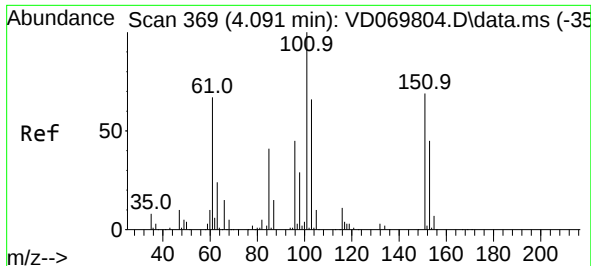
Tgt Ion:101 Resp: 33339
Ion Ratio Lower Upper
101 100
103 69.4 51.3 76.9



#8
Diethyl Ether
Concen: 2.666 ug/l
RT: 3.720 min Scan# 306
Delta R.T. 0.012 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 74 Resp: 8257
Ion Ratio Lower Upper
74 100
45 92.1 46.8 140.4

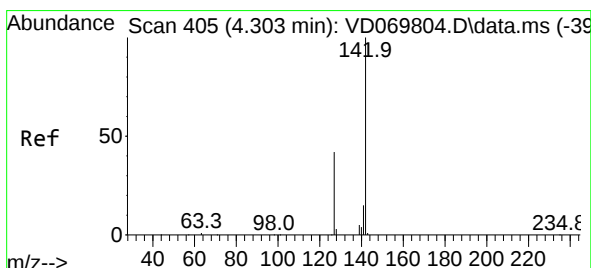
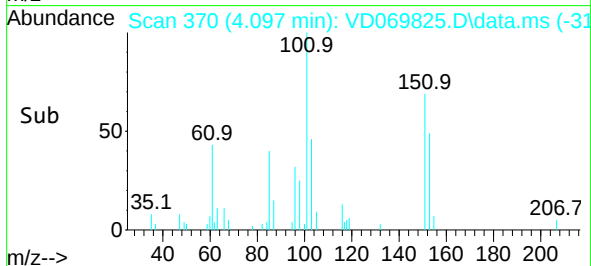
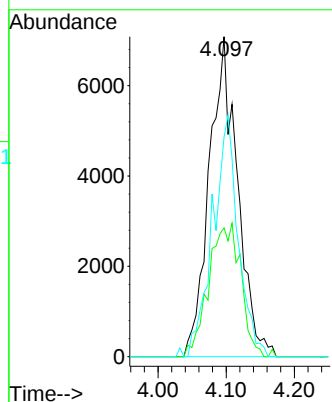
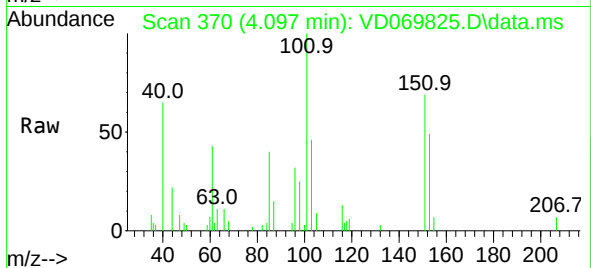




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.926 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

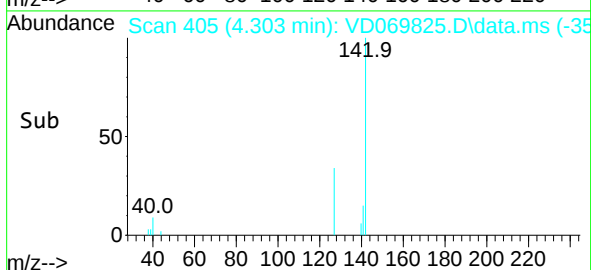
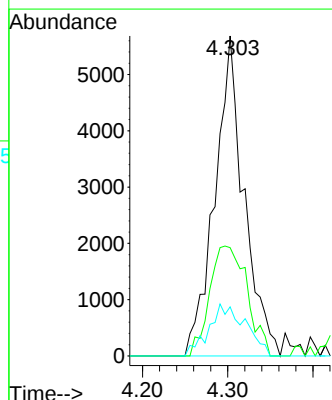
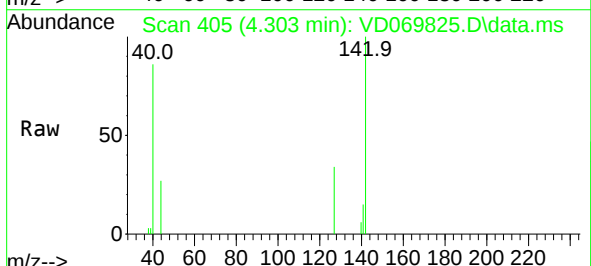
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

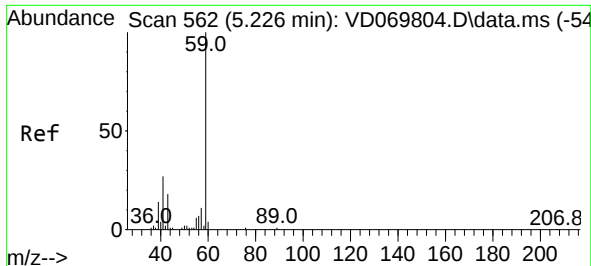
Tgt Ion:101 Resp: 20461
Ion Ratio Lower Upper
101 100
85 47.1 34.7 52.1
151 68.2 55.4 83.0



#10
Methyl Iodide
Concen: 2.217 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

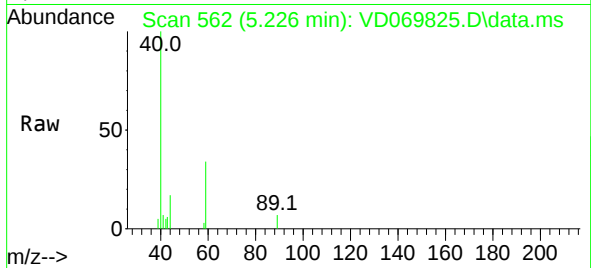
Tgt Ion:142 Resp: 13546
Ion Ratio Lower Upper
142 100
127 44.0 35.7 53.5
141 20.2 12.0 18.0#



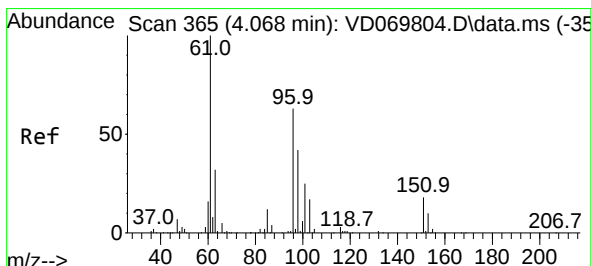
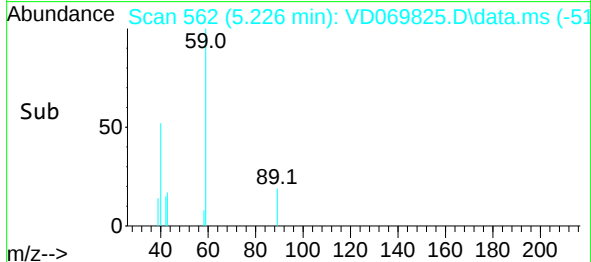
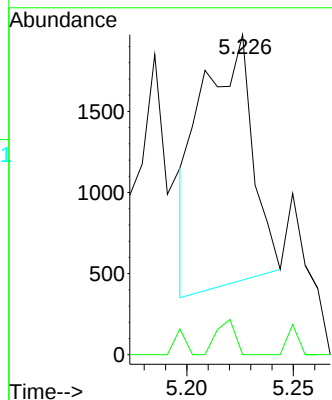


#11
Tert butyl alcohol
Concen: 7.812 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

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

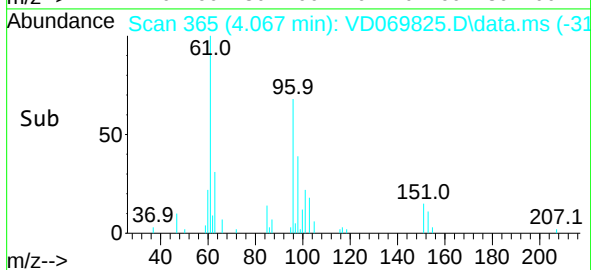
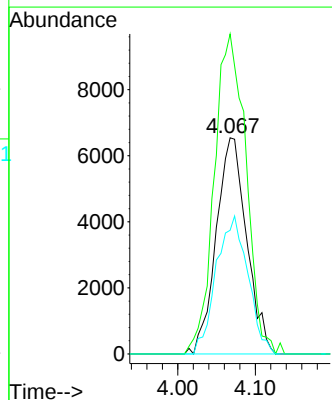
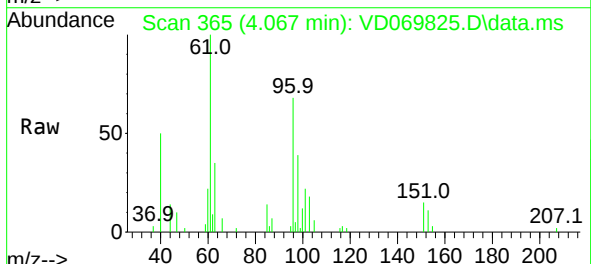


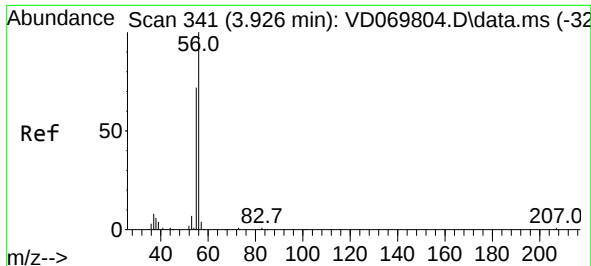
Tgt Ion: 59 Resp: 2582
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 2.820 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 96 Resp: 17919
Ion Ratio Lower Upper
96 100
61 148.1 126.9 190.3
98 57.2 53.2 79.8

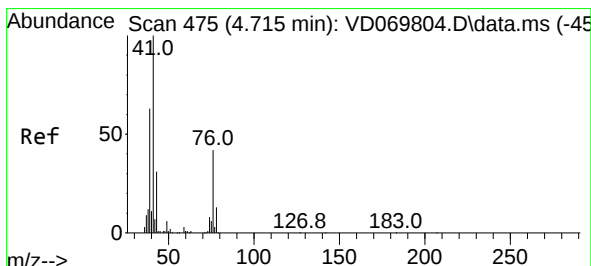
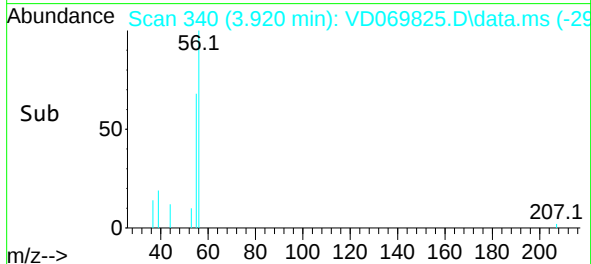
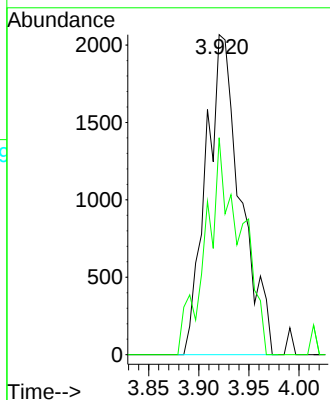
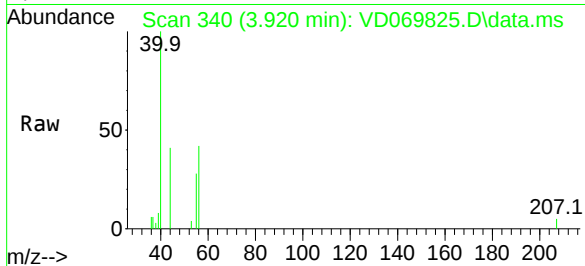




#13
Acrolein
Concen: 10.750 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

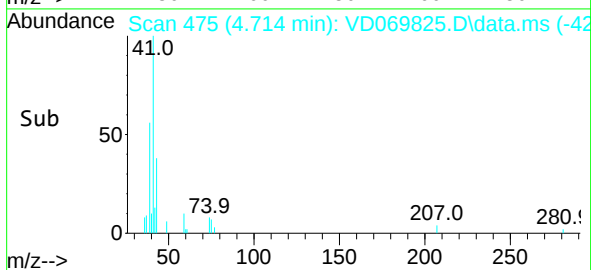
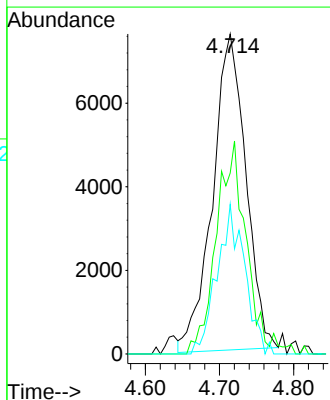
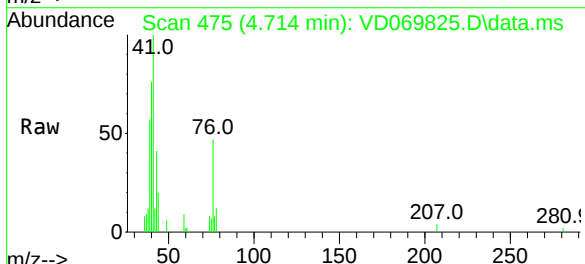
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

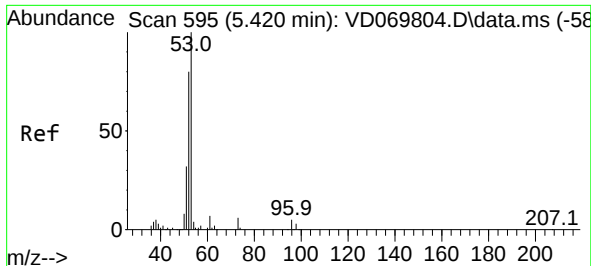
Tgt Ion: 56 Resp: 4974
Ion Ratio Lower Upper
56 100
55 68.5 57.2 85.8



#14
Allyl chloride
Concen: 2.526 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 41 Resp: 23539
Ion Ratio Lower Upper
41 100
39 59.2 49.8 74.6
76 39.5 31.8 47.8

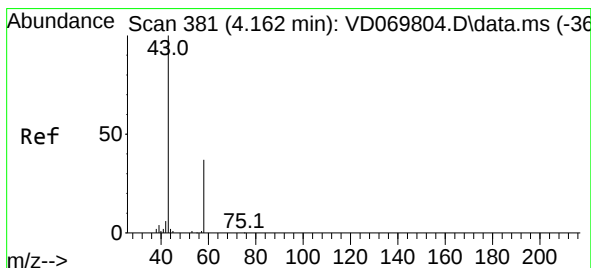
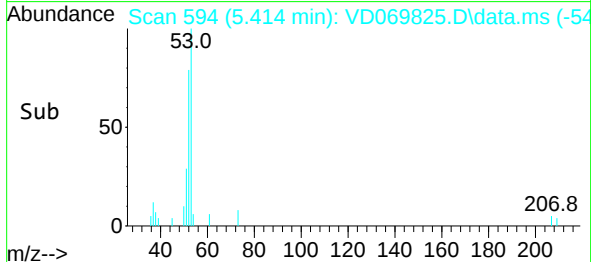
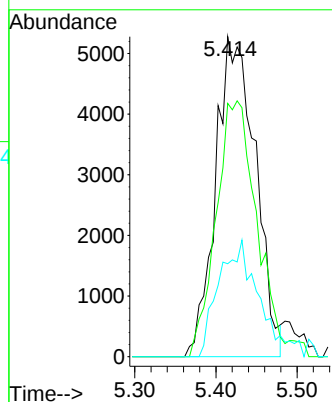
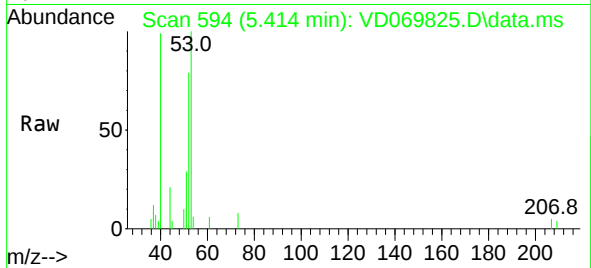




#15
Acrylonitrile
Concen: 12.339 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

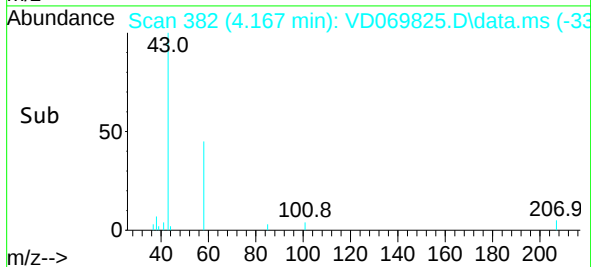
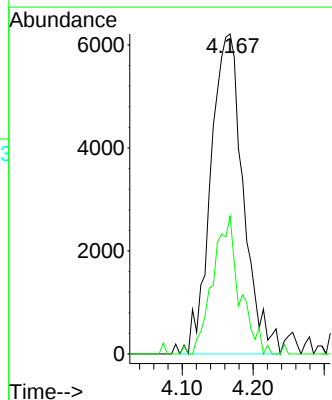
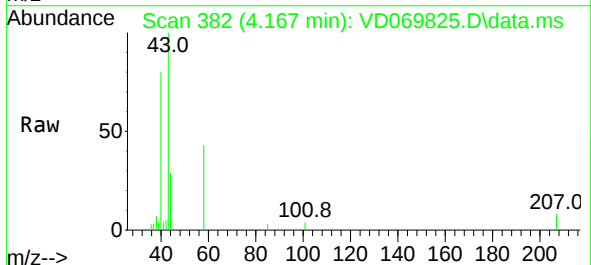
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

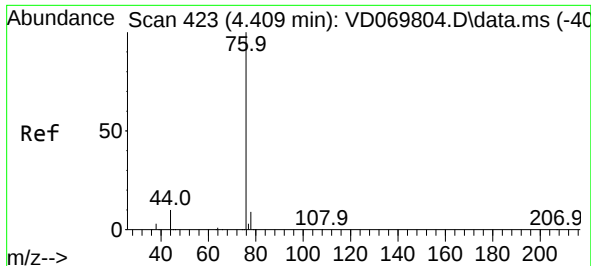
Tgt Ion:	53	Resp:	17978
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.3	97.9
51	36.8	28.3	42.5



#16
Acetone
Concen: 17.098 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion:	43	Resp:	19730
Ion	Ratio	Lower	Upper
43	100		
58	43.1	29.4	44.0

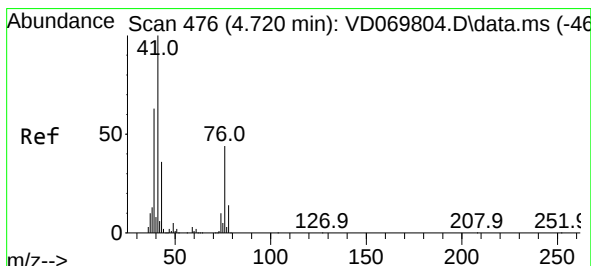
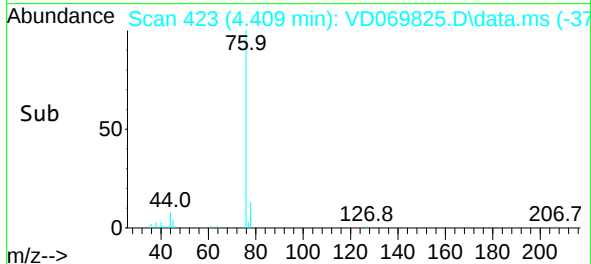
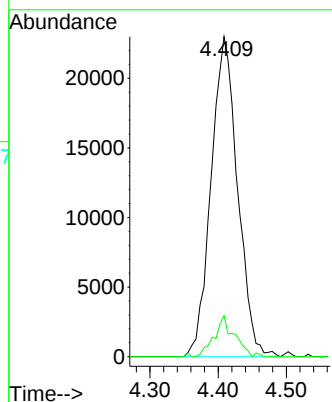
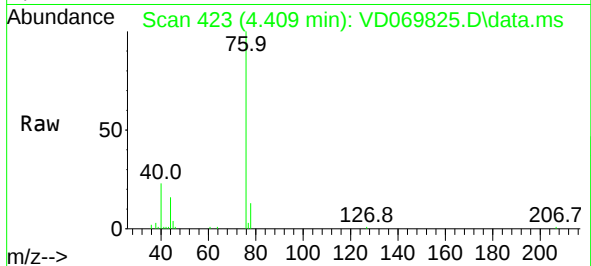




#17
Carbon Disulfide
Concen: 2.739 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

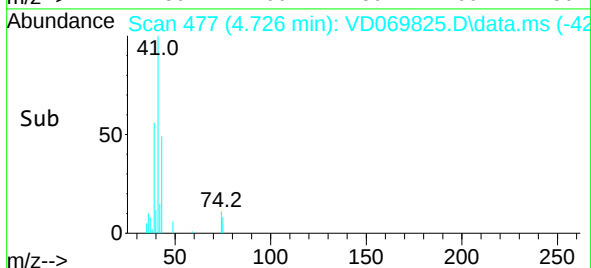
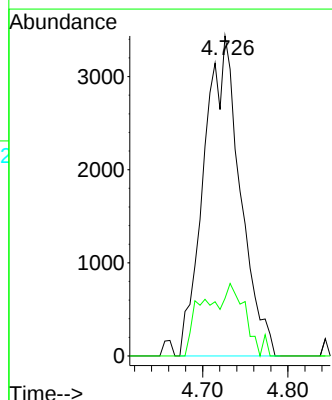
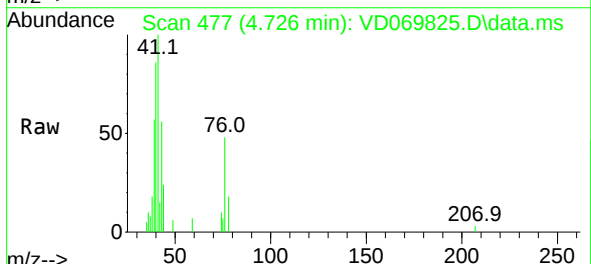
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

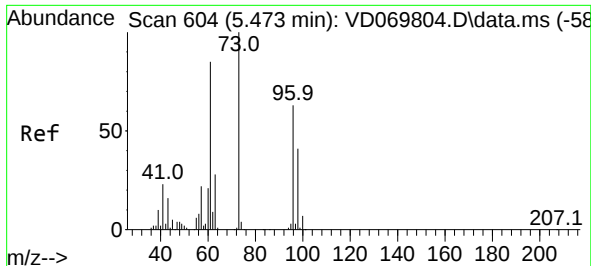
Tgt Ion: 76 Resp: 62231
Ion Ratio Lower Upper
76 100
78 12.8 7.3 10.9#



#18
Methyl Acetate
Concen: 3.040 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 43 Resp: 10180
Ion Ratio Lower Upper
43 100
74 13.3 21.4 32.2#

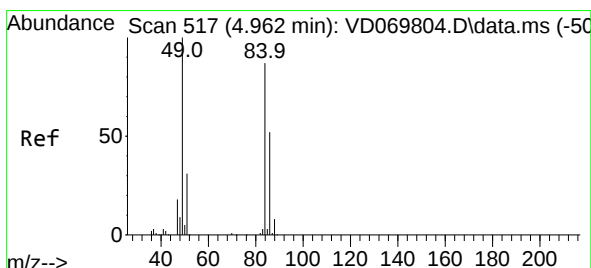
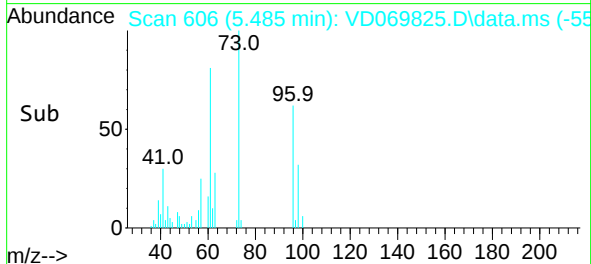
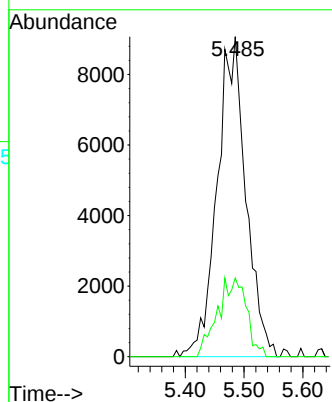
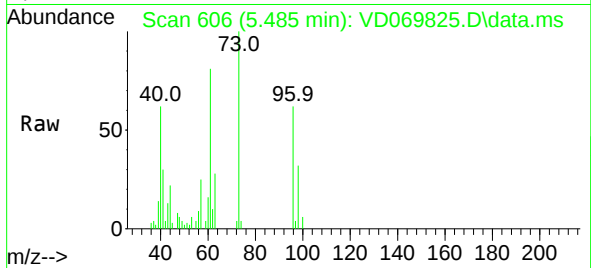




#19
Methyl tert-butyl Ether
Concen: 2.337 ug/l
RT: 5.485 min Scan# 606
Delta R.T. 0.012 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

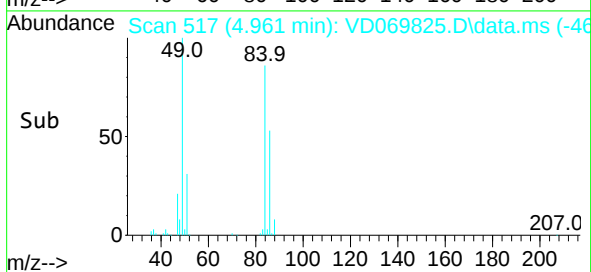
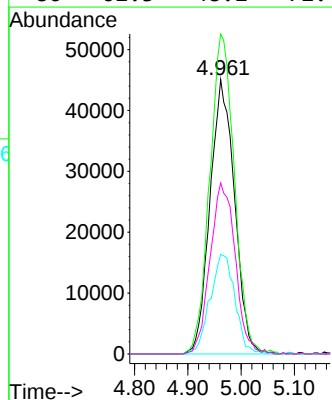
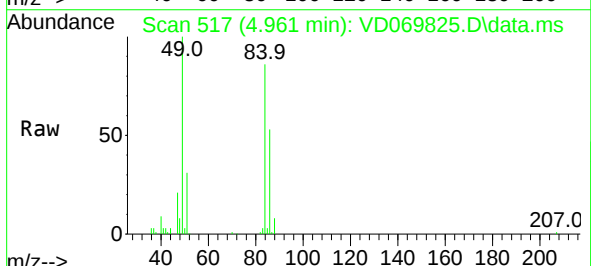
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

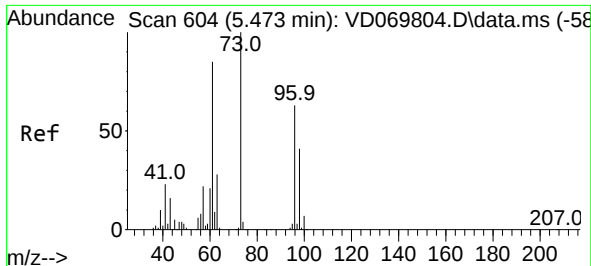
Tgt Ion: 73 Resp: 30768
Ion Ratio Lower Upper
73 100
57 24.6 17.8 26.8



#20
Methylene Chloride
Concen: 13.695 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

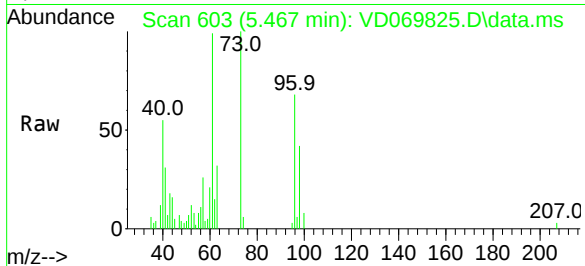
Tgt Ion: 84 Resp: 143935
Ion Ratio Lower Upper
84 100
49 116.6 92.4 138.6
51 36.3 28.5 42.7
86 62.3 48.2 72.4





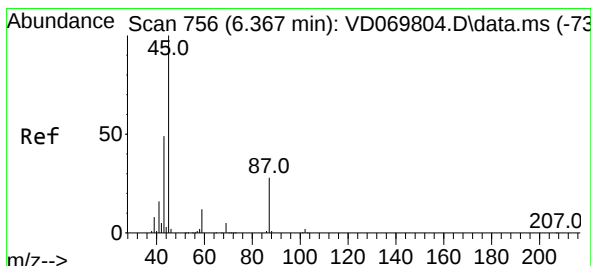
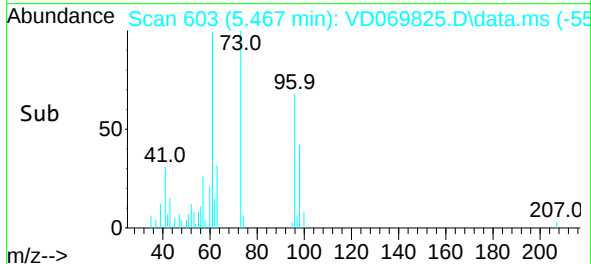
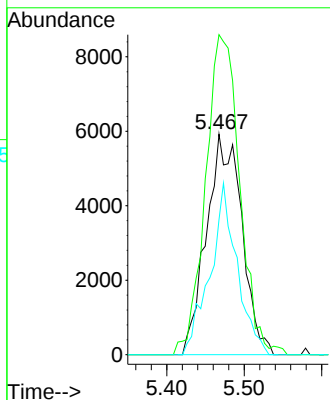
#21
trans-1,2-Dichloroethene
Concen: 2.505 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

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



Tgt Ion: 96 Resp: 18755

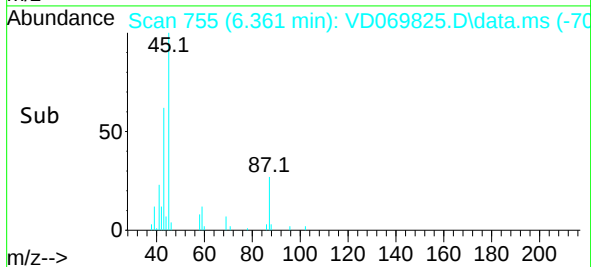
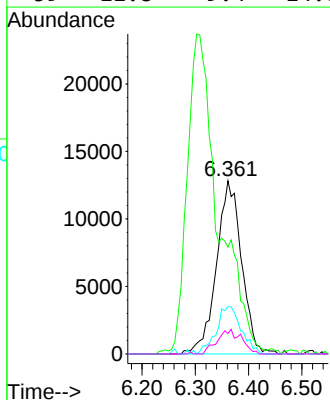
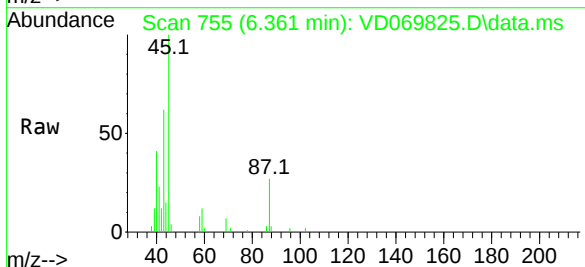
Ion	Ratio	Lower	Upper
96	100		
61	141.7	107.0	160.6
98	61.2	52.3	78.5

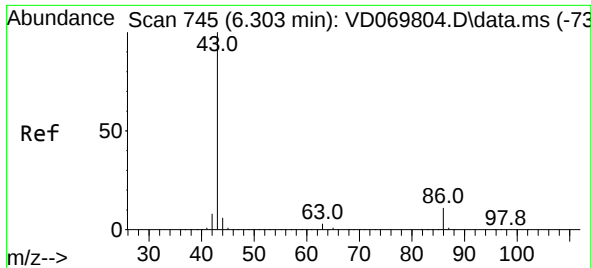


#22
Diisopropyl ether
Concen: 2.073 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 45 Resp: 41977

Ion	Ratio	Lower	Upper
45	100		
43	59.7	39.2	58.8#
87	27.4	22.3	33.5
59	11.8	9.4	14.0

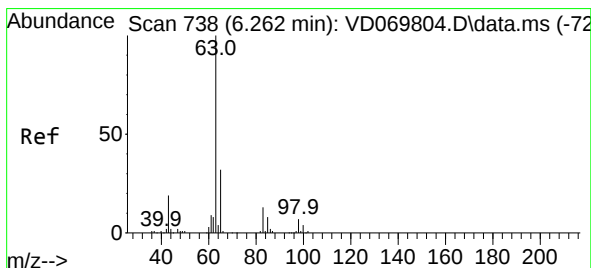
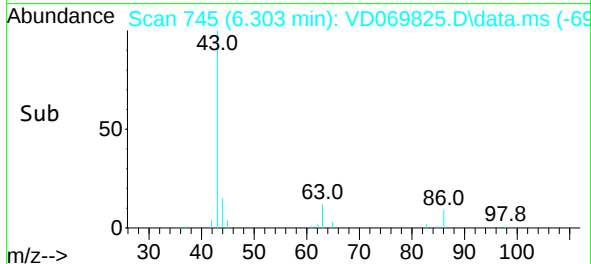
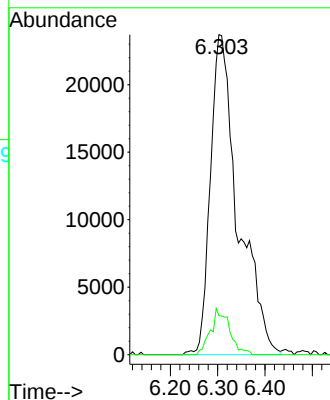
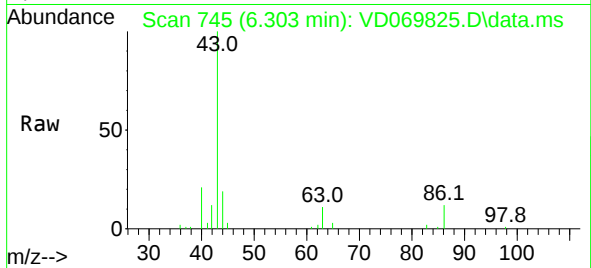




#23
 Vinyl Acetate
 Concen: 9.915 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD069825.D
 Acq: 23 Jul 2021 13:29

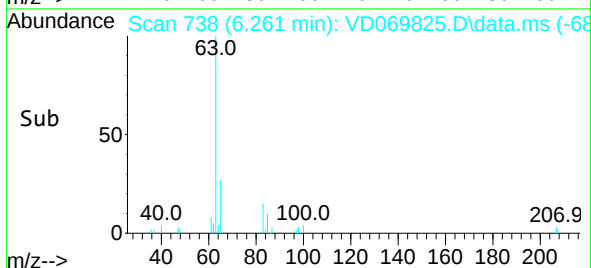
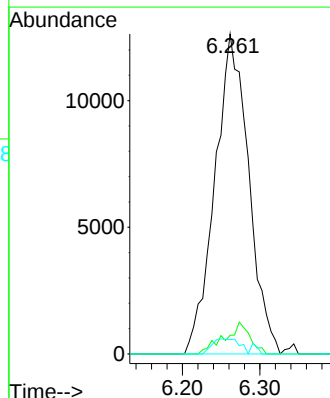
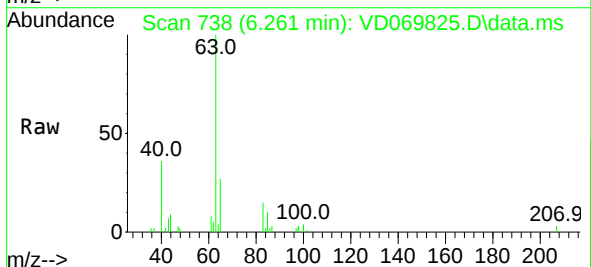
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

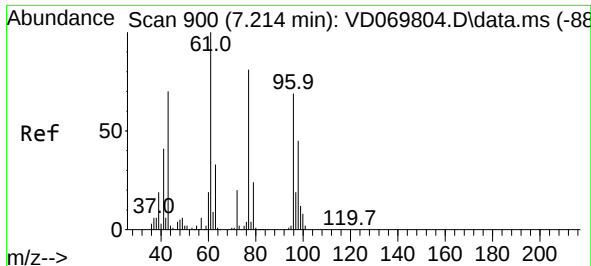
Tgt Ion: 43 Resp: 96161
 Ion Ratio Lower Upper
 43 100
 86 12.2 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 2.737 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD069825.D
 Acq: 23 Jul 2021 13:29

Tgt Ion: 63 Resp: 38279
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.6 10.8
 100 4.5 2.2 6.6

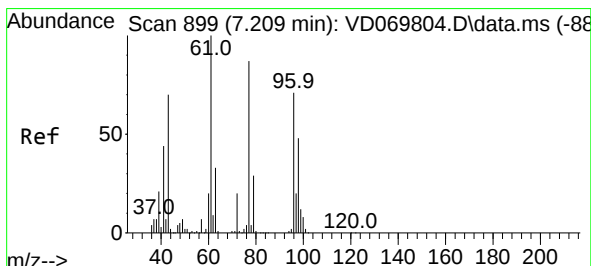
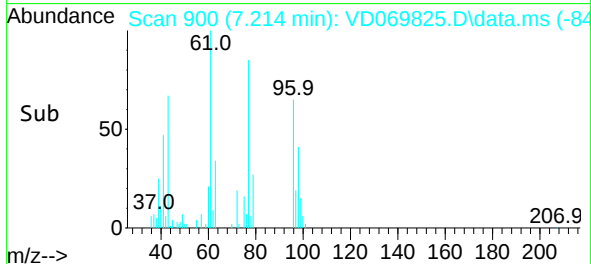
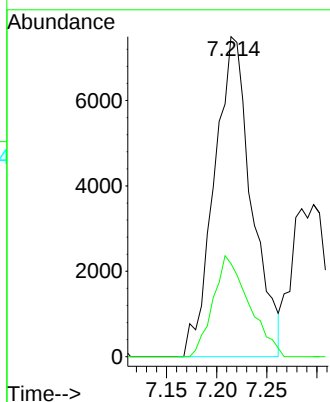
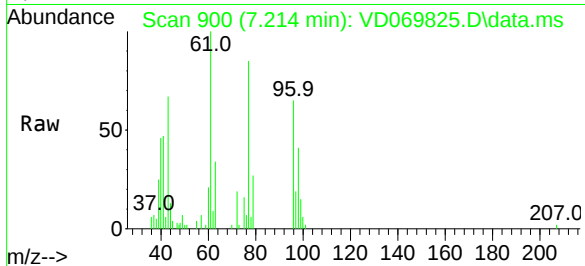




#25
2-Butanone
Concen: 12.460 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

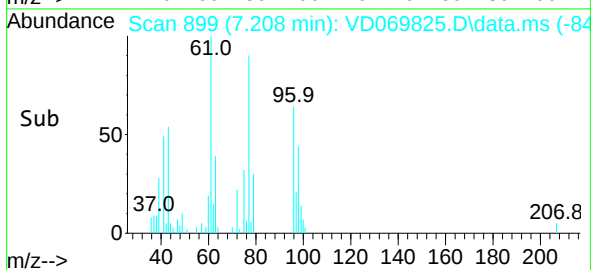
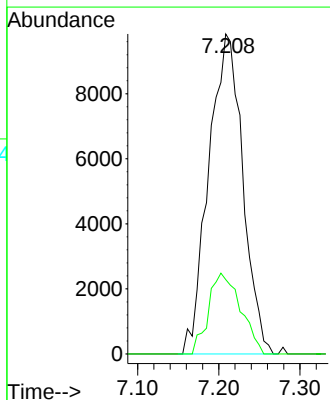
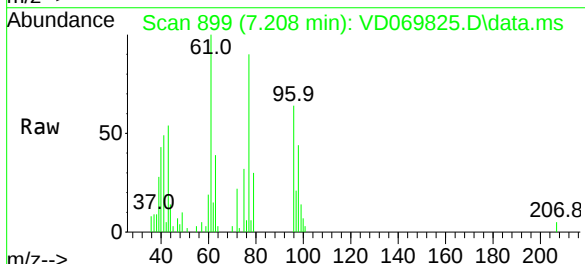
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

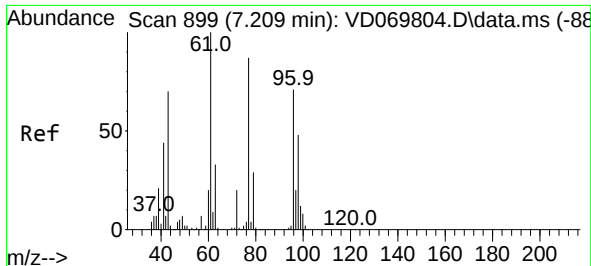
Tgt Ion: 43 Resp: 19499
Ion Ratio Lower Upper
43 100
72 29.1 22.8 34.2



#26
2,2-Dichloropropane
Concen: 2.697 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 77 Resp: 28681
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 2.548 ug/l

RT: 7.214 min Scan# 900

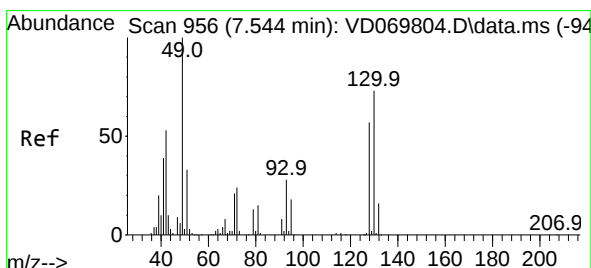
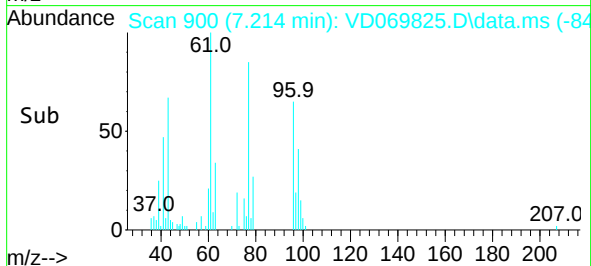
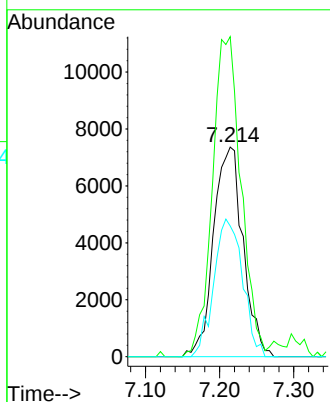
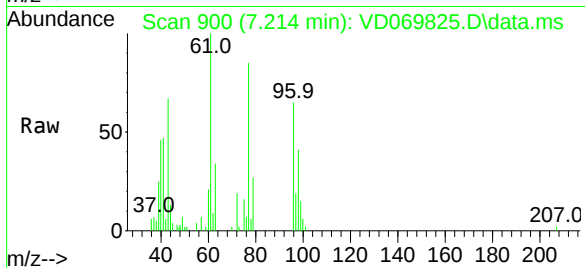
Delta R.T. 0.006 min

Lab File: VD069825.D

Acq: 23 Jul 2021 13:29

Tgt Ion:	96	Resp:	20358
Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	291.6
98	64.2	0.0	132.0

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



#28

Bromochloromethane

Concen: 2.591 ug/l

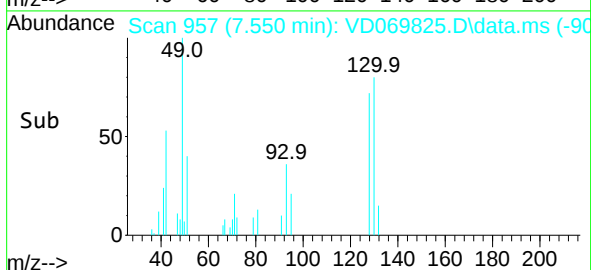
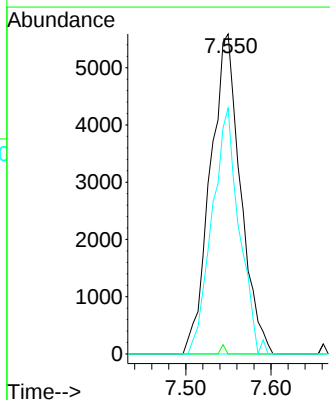
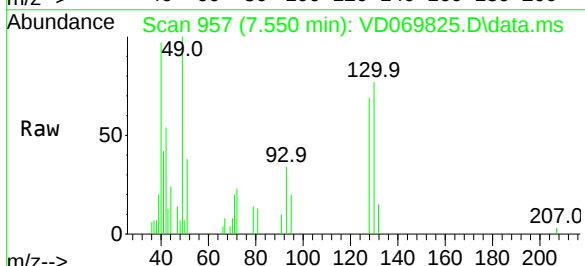
RT: 7.550 min Scan# 957

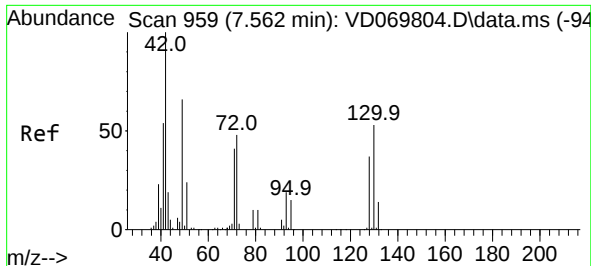
Delta R.T. 0.006 min

Lab File: VD069825.D

Acq: 23 Jul 2021 13:29

Tgt Ion:	49	Resp:	13756
Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	4.2
130	68.9	59.6	89.4





#29

Tetrahydrofuran

Concen: 10.557 ug/l

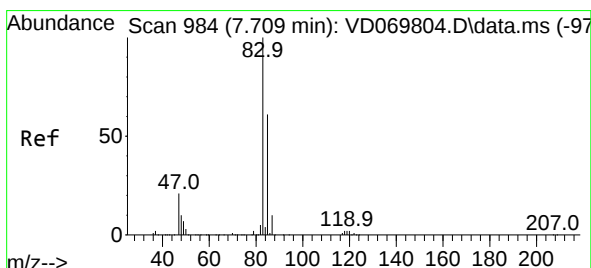
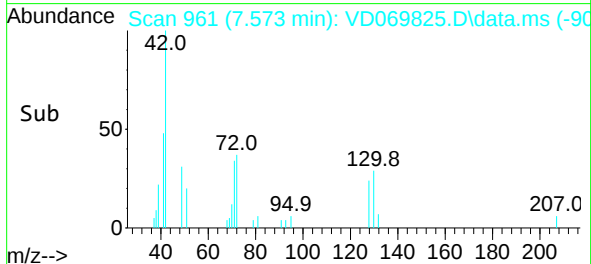
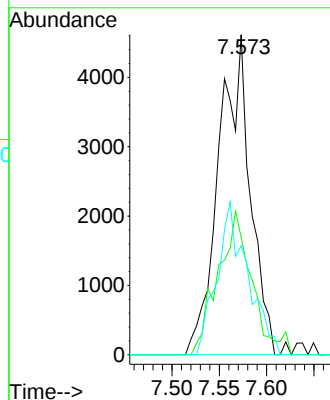
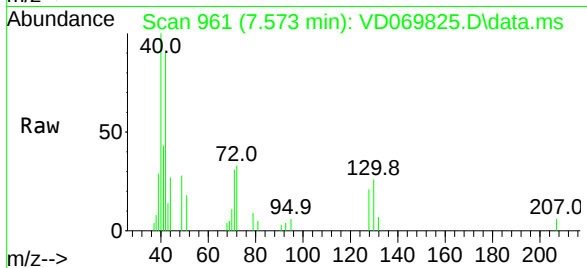
RT: 7.573 min Scan# 961

Delta R.T. 0.012 min

Lab File: VD069825.D

Acq: 23 Jul 2021 13:29

Tgt Ion:	42	Resp:	10688
Ion	Ratio	Lower	Upper
42	100		
72	48.3	36.5	54.7
71	46.6	33.5	50.3



#30

Chloroform

Concen: 2.692 ug/l

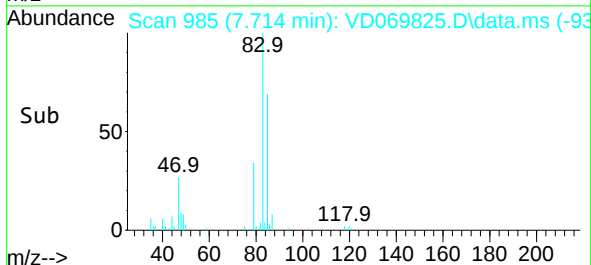
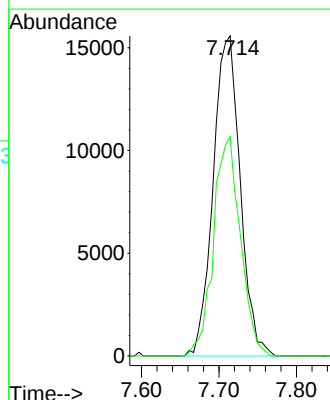
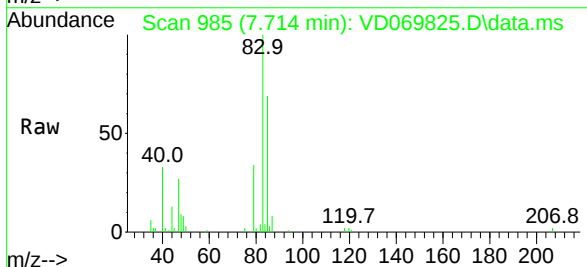
RT: 7.714 min Scan# 985

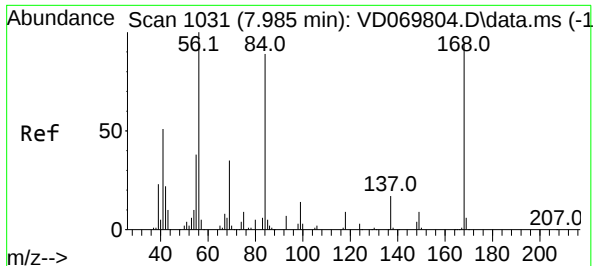
Delta R.T. 0.006 min

Lab File: VD069825.D

Acq: 23 Jul 2021 13:29

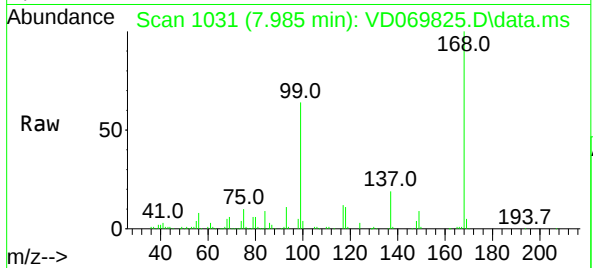
Tgt Ion:	83	Resp:	37852
Ion	Ratio	Lower	Upper
83	100		
85	68.6	49.1	73.7



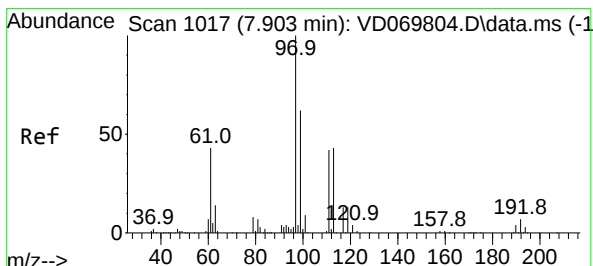
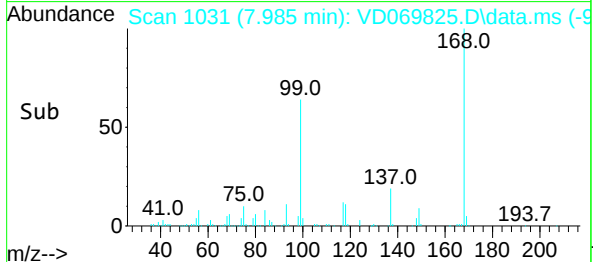
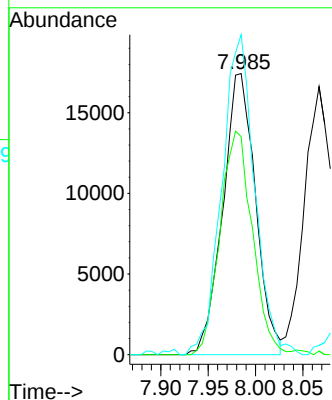


#31
Cyclohexane
Concen: 3.350 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

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

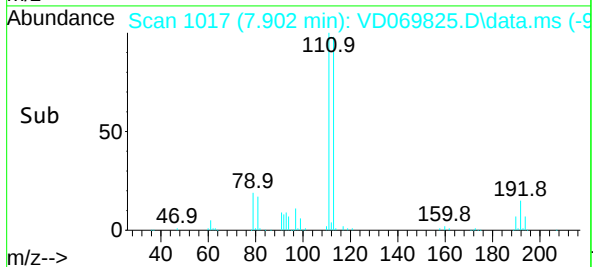
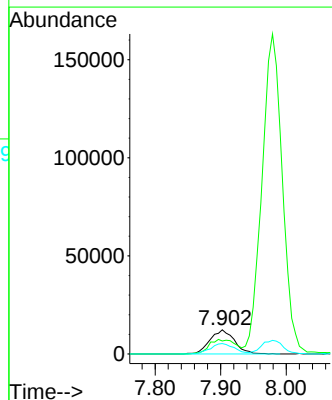
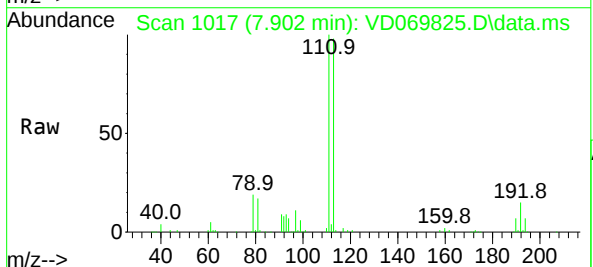


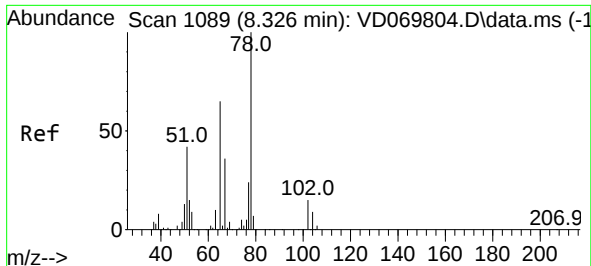
Tgt Ion: 56 Resp: 41817
Ion Ratio Lower Upper
56 100
69 77.5 27.9 41.9#
84 113.8 71.4 107.2#



#32
1,1,1-Trichloroethane
Concen: 2.729 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 97 Resp: 31760
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 43.0 34.5 51.7

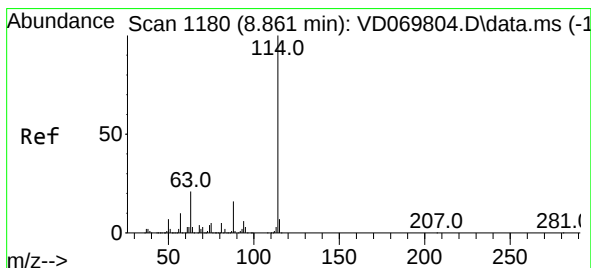
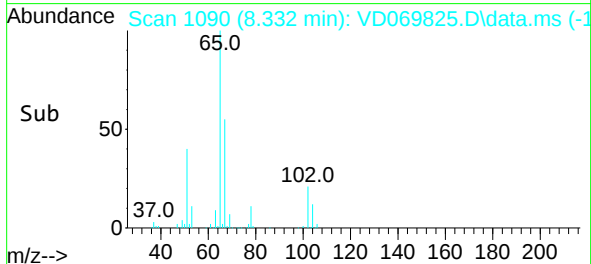
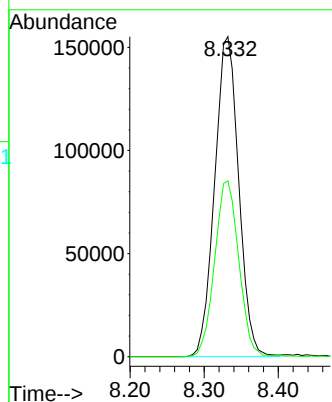
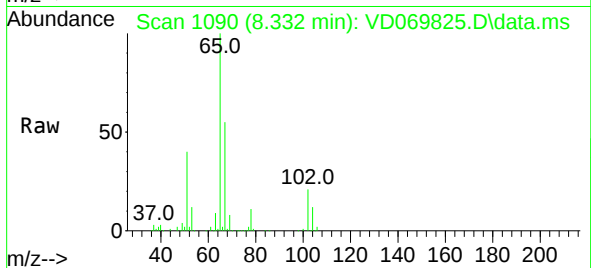




#33
1,2-Dichloroethane-d4
Concen: 54.749 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

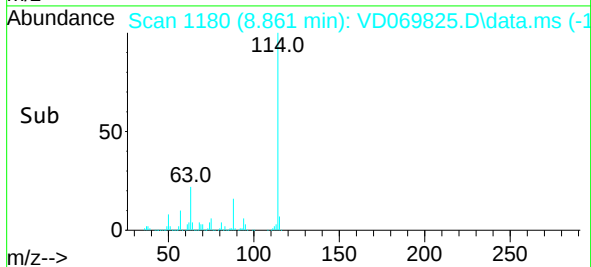
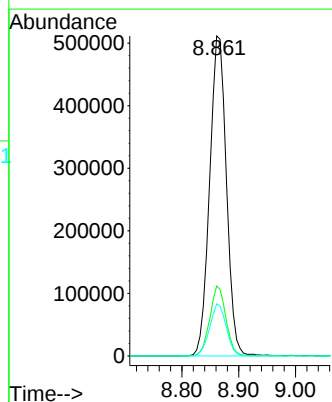
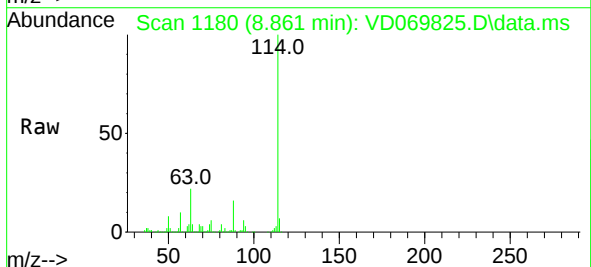
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

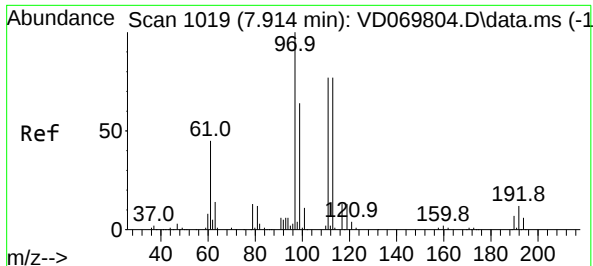
Tgt Ion: 65 Resp: 349729
Ion Ratio Lower Upper
65 100
67 55.2 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 114 Resp: 1047480
Ion Ratio Lower Upper
114 100
63 21.8 0.0 41.6
88 16.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.783 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069825.D

Acq: 23 Jul 2021 13:29

Tgt Ion:113 Resp: 341940

Ion Ratio Lower Upper

113 100

111 102.4 80.5 120.7

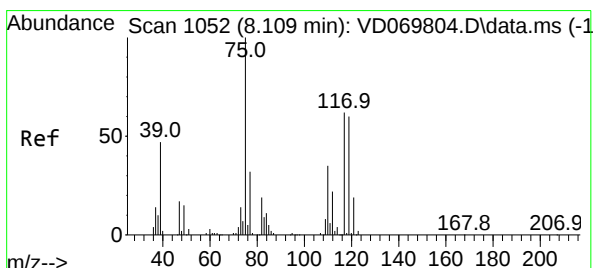
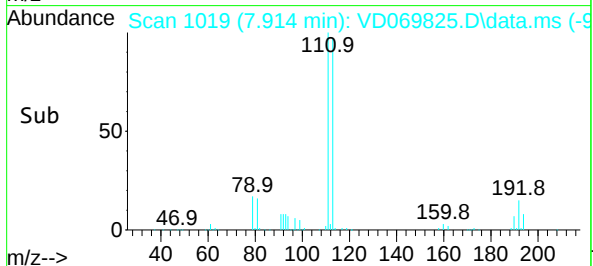
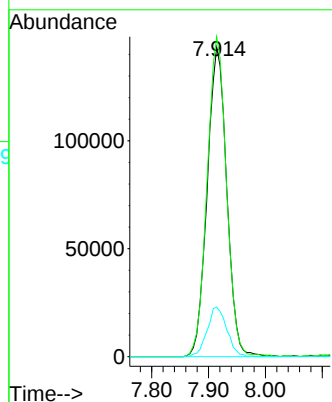
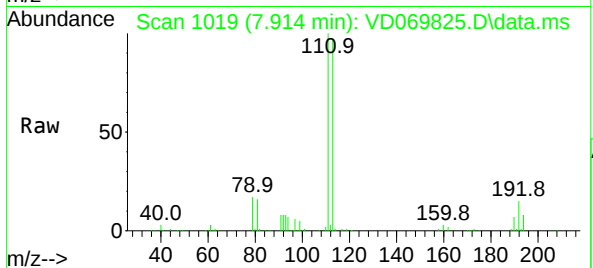
192 16.2 12.6 19.0

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021



#36

1,1-Dichloropropene

Concen: 2.619 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VD069825.D

Acq: 23 Jul 2021 13:29

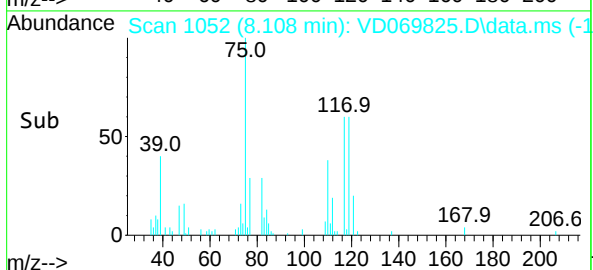
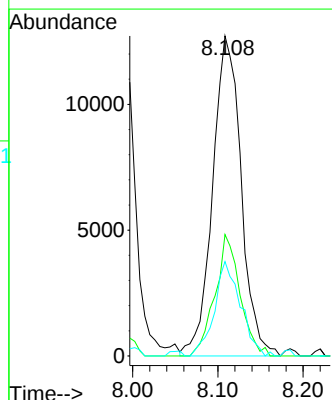
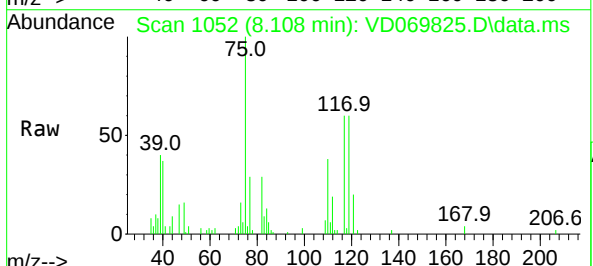
Tgt Ion: 75 Resp: 29603

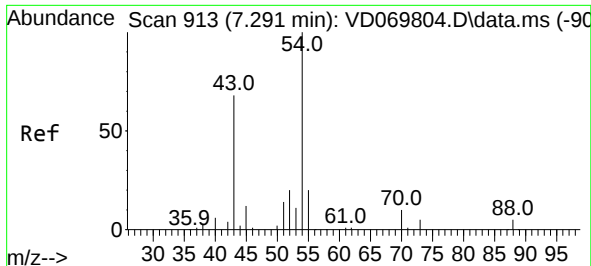
Ion Ratio Lower Upper

75 100

110 33.4 16.9 50.7

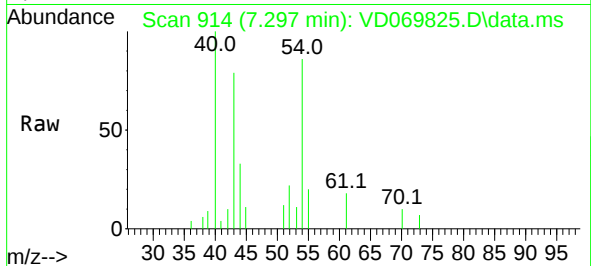
77 27.1 24.9 37.3



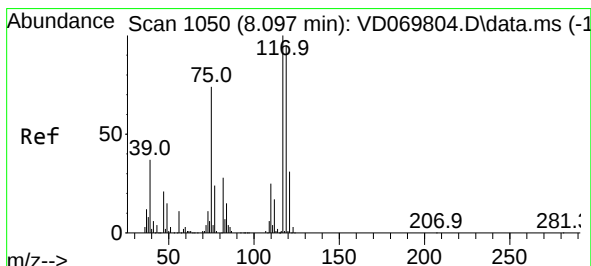
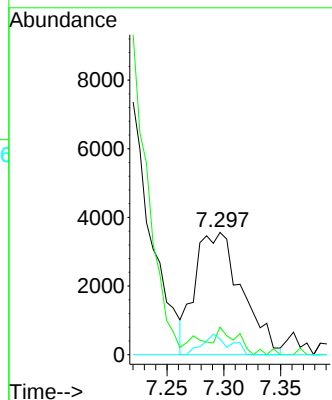
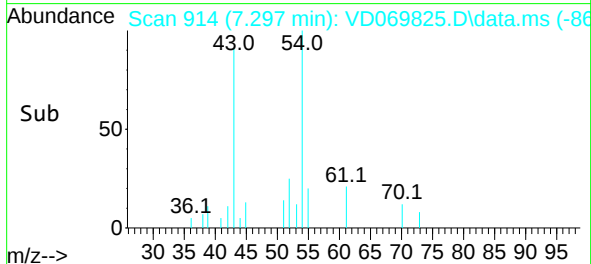


#37
Ethyl Acetate
Concen: 2.479 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

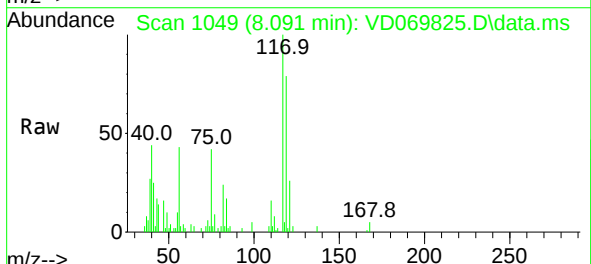
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



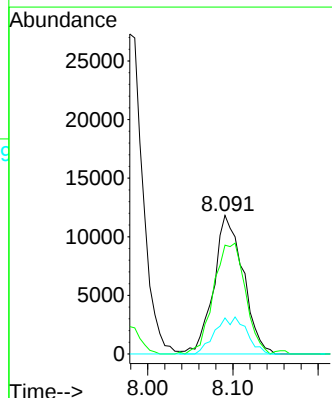
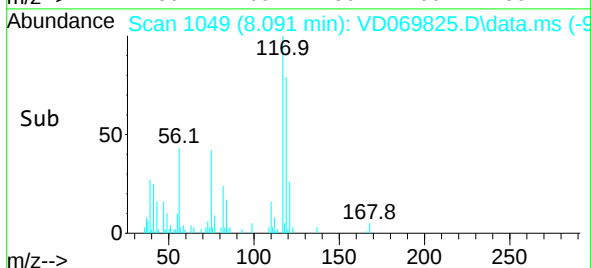
Tgt Ion: 43 Resp: 10200
Ion Ratio Lower Upper
43 100
61 8.9 11.8 17.8#
70 9.6 8.9 13.3

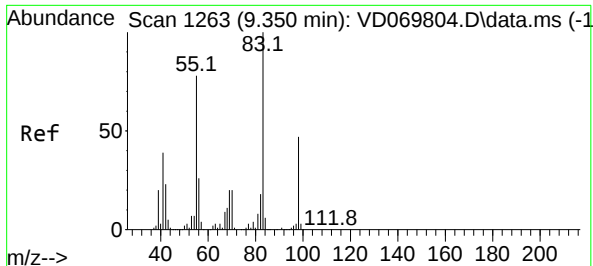


#38
Carbon Tetrachloride
Concen: 2.760 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



Tgt Ion: 117 Resp: 28496
Ion Ratio Lower Upper
117 100
119 77.2 76.2 114.2
121 26.0 24.5 36.7





#39

Methylcyclohexane

Concen: 2.305 ug/l

RT: 9.355 min Scan# 1264

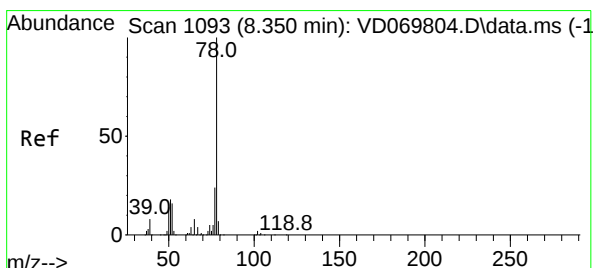
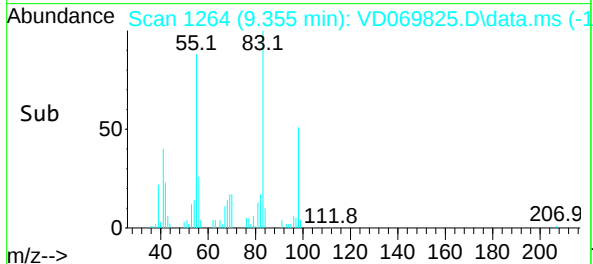
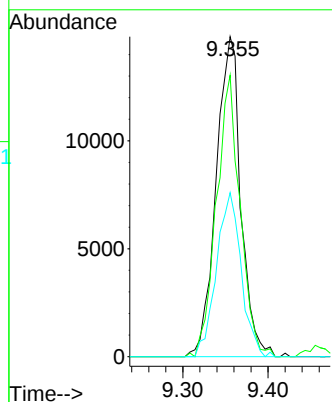
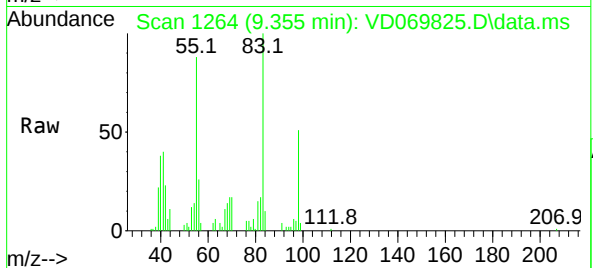
Delta R.T. 0.006 min

Lab File: VD069825.D

Acq: 23 Jul 2021 13:29

Tgt Ion:	83	Resp:	29836
Ion	Ratio	Lower	Upper
83	100		
55	87.9	62.2	93.2
98	51.3	37.8	56.8

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



#40

Benzene

Concen: 2.448 ug/l

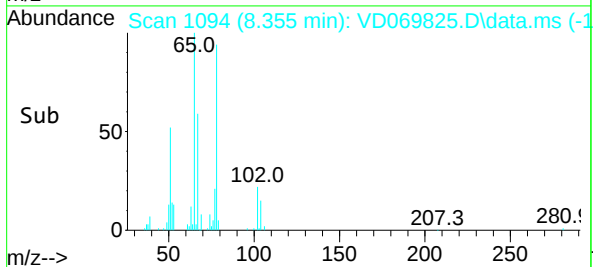
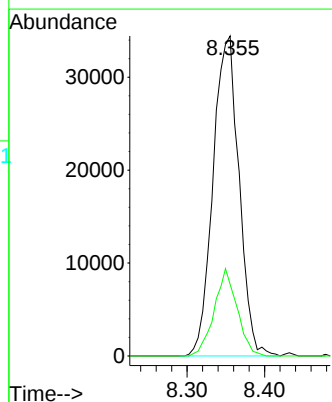
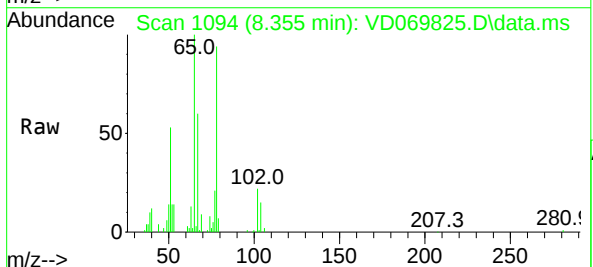
RT: 8.355 min Scan# 1094

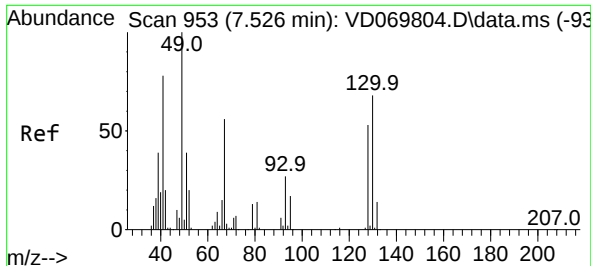
Delta R.T. 0.006 min

Lab File: VD069825.D

Acq: 23 Jul 2021 13:29

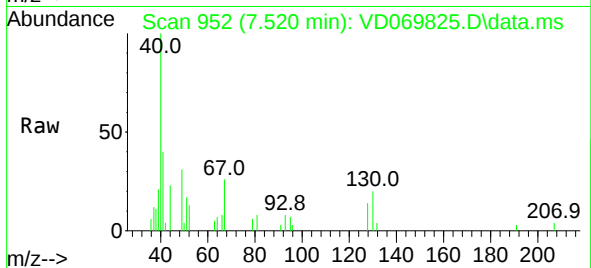
Tgt Ion:	78	Resp:	80159
Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.4	29.0



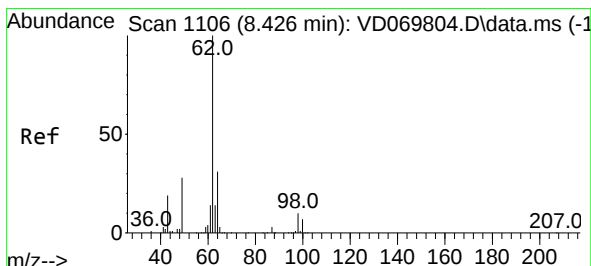
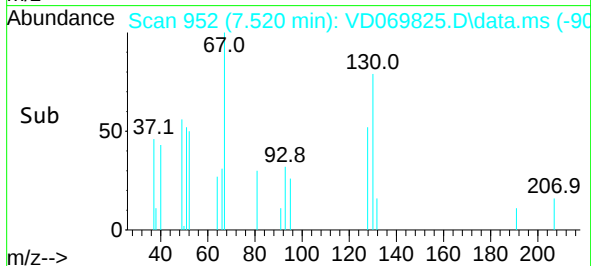
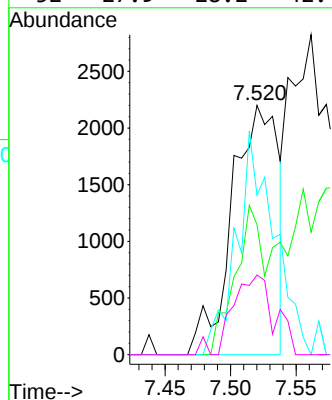


#41
Methacrylonitrile
Concen: 2.495 ug/l
RT: 7.520 min Scan# 952
Delta R.T. -0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

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

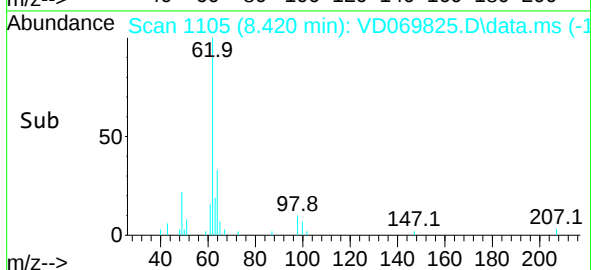
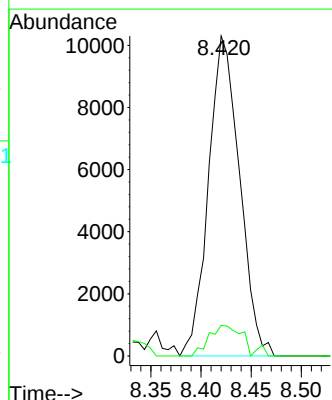
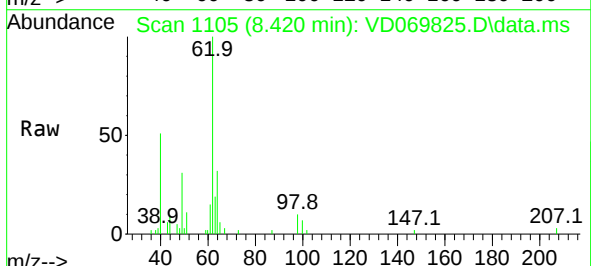


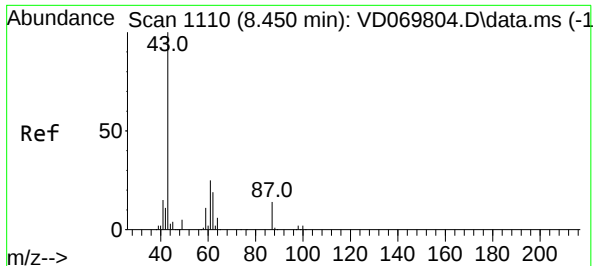
Tgt Ion:	41	Resp:	5389
Ion	Ratio	Lower	Upper
41	100		
39	35.3	46.7	70.1#
67	72.5	69.3	103.9
52	27.9	28.2	42.4#



#42
1,2-Dichloroethane
Concen: 2.564 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion:	62	Resp:	22209
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4

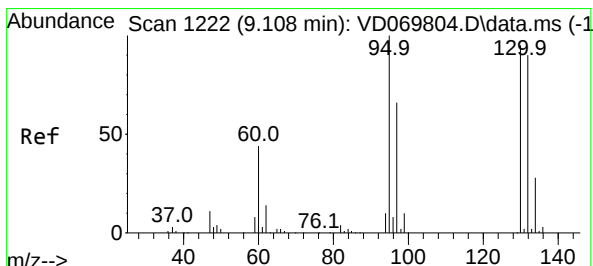
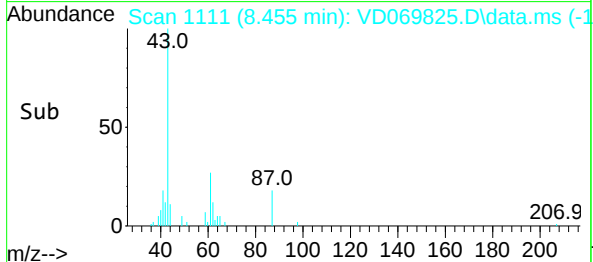
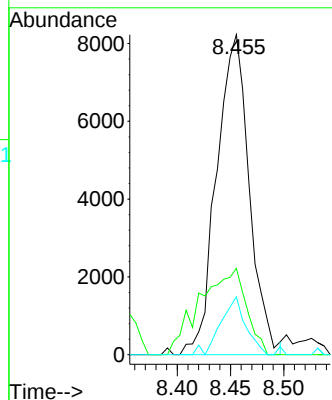
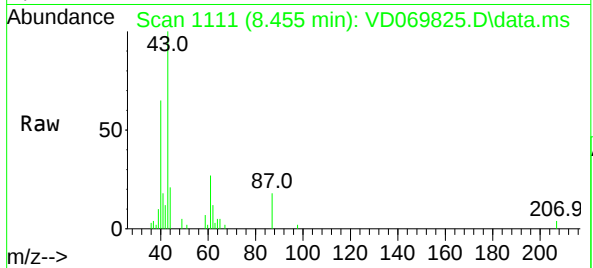




#43
Isopropyl Acetate
Concen: 2.377 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

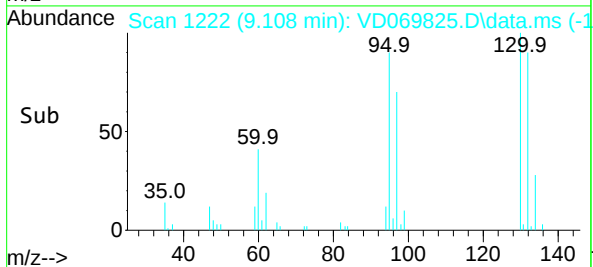
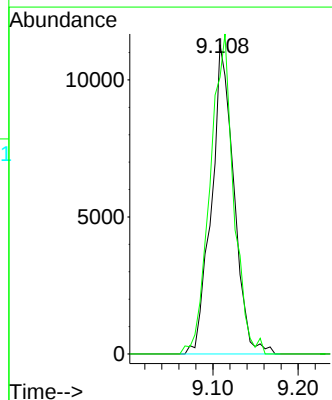
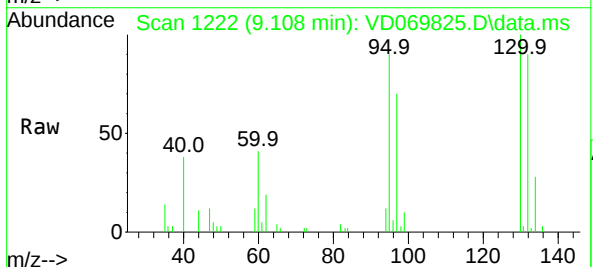
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

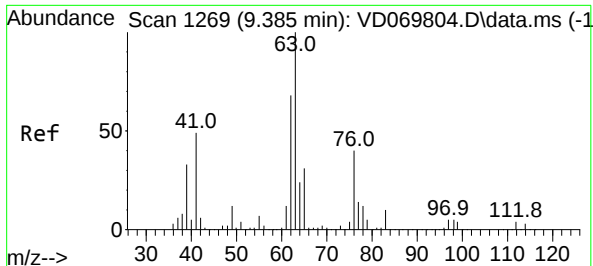
Tgt Ion: 43	Resp: 17545
Ion Ratio	Lower Upper
43 100	
61 38.3	27.8 41.6
87 13.9	11.3 16.9



#44
Trichloroethene
Concen: 2.557 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion:130	Resp: 20620
Ion Ratio	Lower Upper
130 100	
95 89.5	0.0 210.8



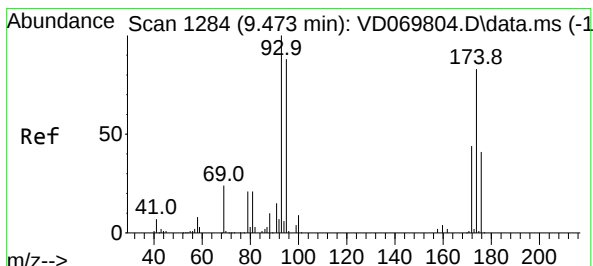
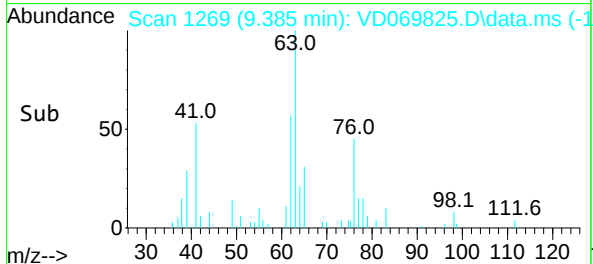
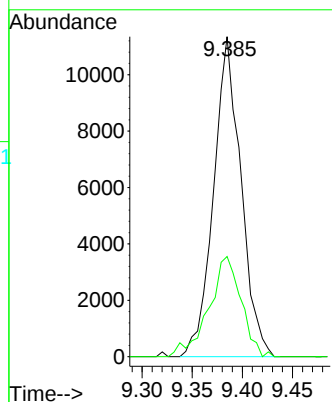
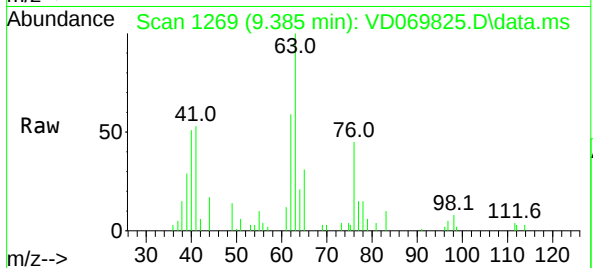


#45

1,2-Dichloropropane
Concen: 2.505 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

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

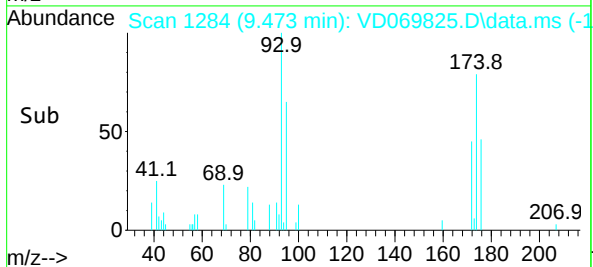
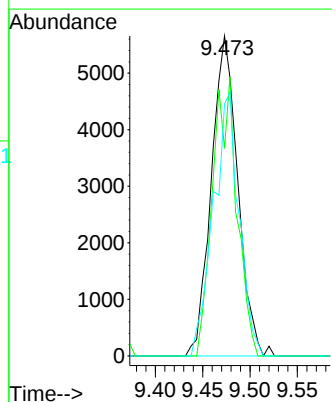
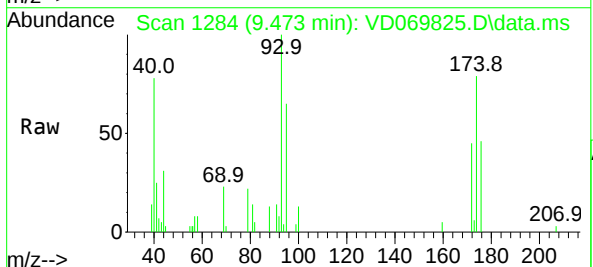
Tgt Ion: 63 Resp: 21550
Ion Ratio Lower Upper
63 100
65 31.3 24.9 37.3

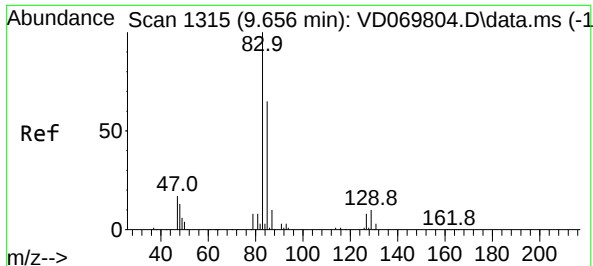


#46

Dibromomethane
Concen: 2.603 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 93 Resp: 11005
Ion Ratio Lower Upper
93 100
95 79.8 67.5 101.3
174 79.9 66.3 99.5





#47

Bromodichloromethane

Concen: 2.522 ug/l

RT: 9.655 min Scan# 1315

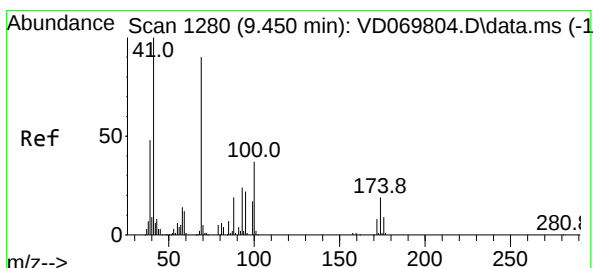
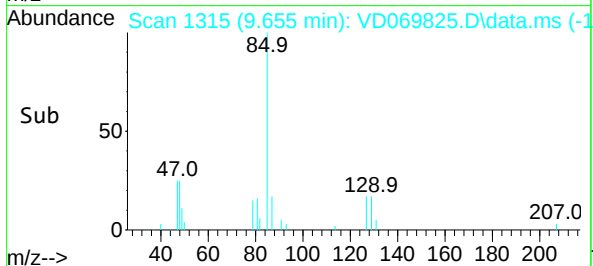
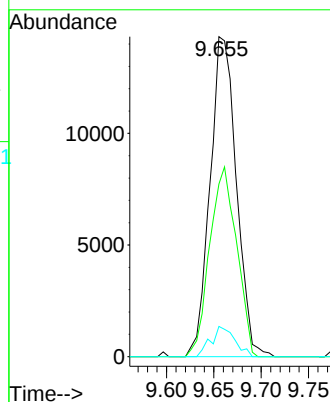
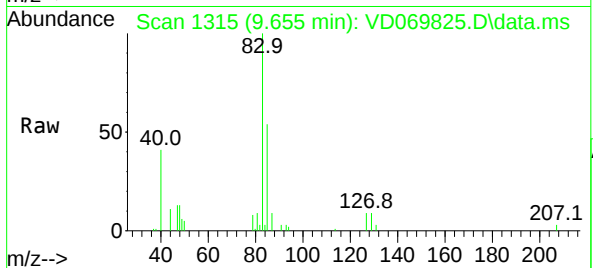
Delta R.T. -0.000 min

Lab File: VD069825.D

Acq: 23 Jul 2021 13:29

Tgt Ion:	83	Resp:	27711
Ion	Ratio	Lower	Upper
83	100		
85	53.9	52.0	78.0
127	9.4	6.6	10.0

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



#48

Methyl methacrylate

Concen: 2.150 ug/l

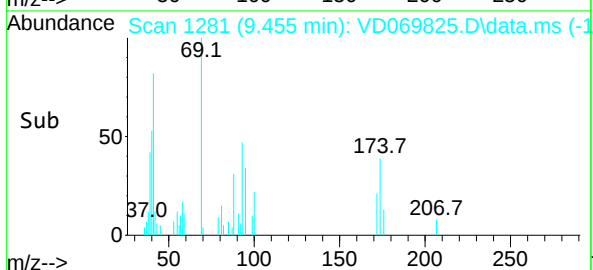
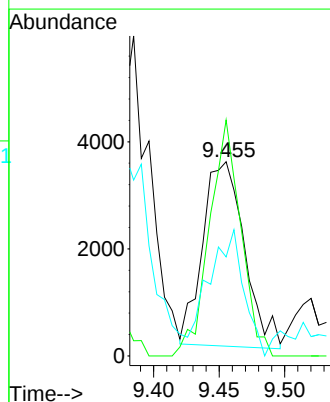
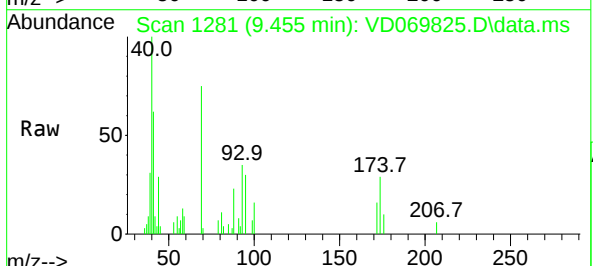
RT: 9.455 min Scan# 1281

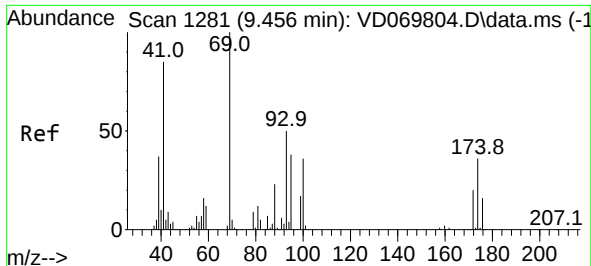
Delta R.T. 0.005 min

Lab File: VD069825.D

Acq: 23 Jul 2021 13:29

Tgt Ion:	41	Resp:	7633
Ion	Ratio	Lower	Upper
41	100		
69	96.3	73.4	110.2
39	57.0	36.6	55.0

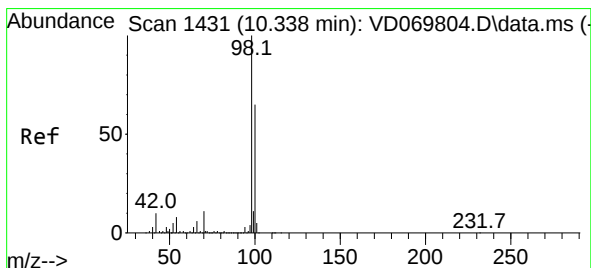
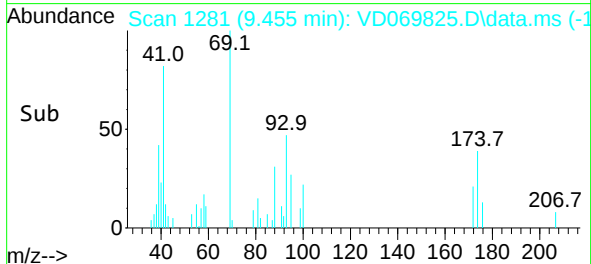
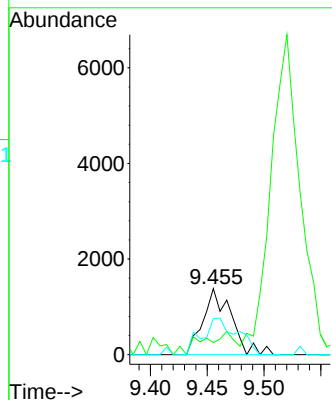
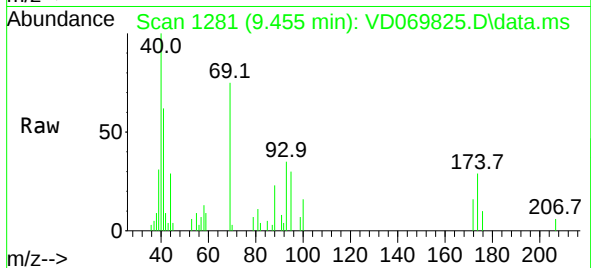




#49
1,4-Dioxane
Concen: 53.433 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

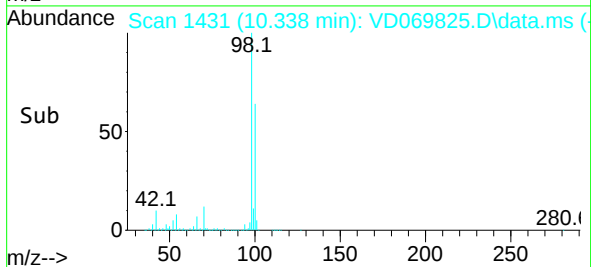
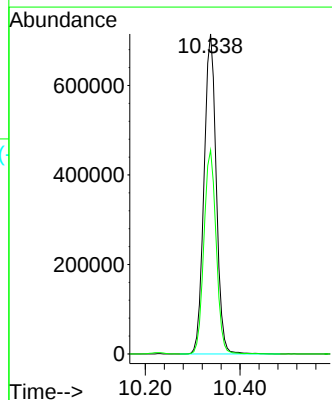
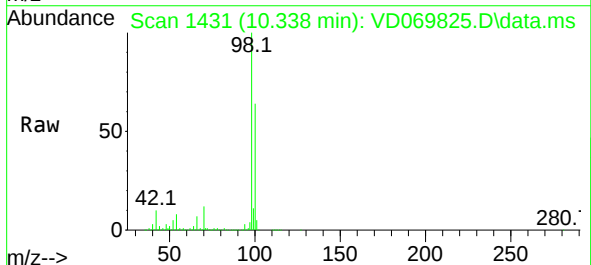
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

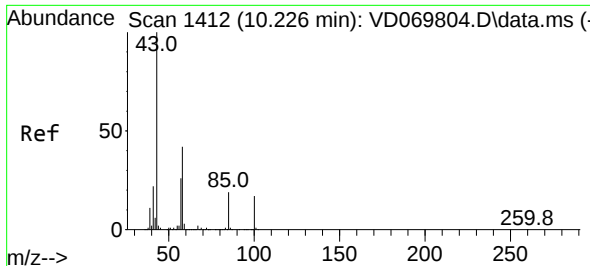
Tgt Ion: 88 Resp: 2387
Ion Ratio Lower Upper
88 100
43 19.2 26.8 40.2#
58 68.5 59.8 89.6



#50
Toluene-d8
Concen: 50.059 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 98 Resp: 1274612
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

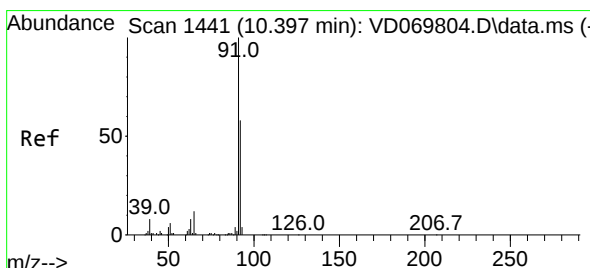
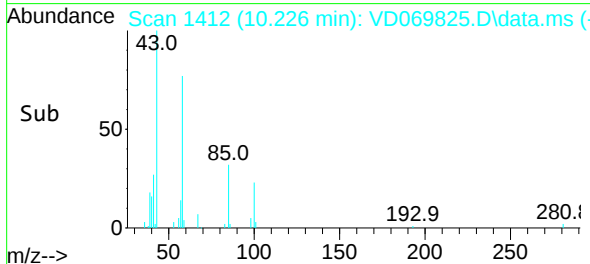
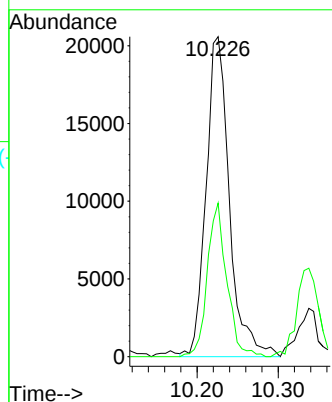
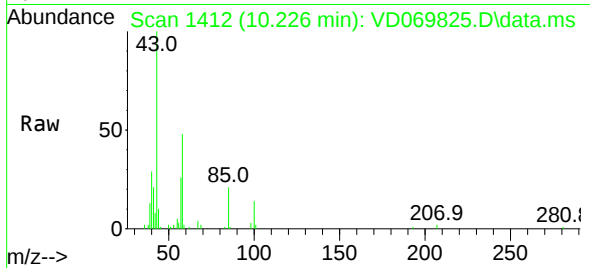




#51
4-Methyl-2-Pentanone
Concen: 10.675 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

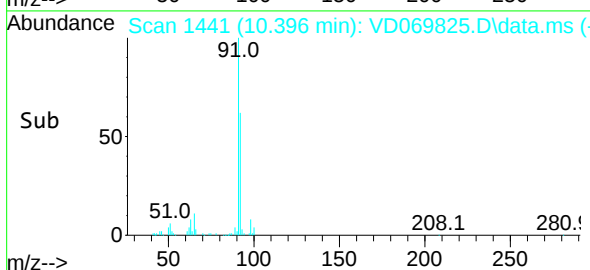
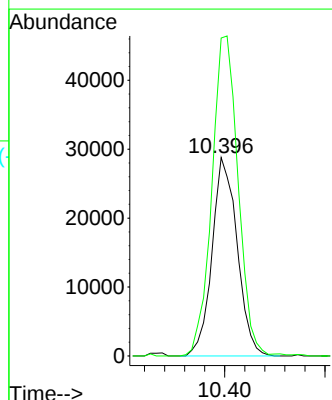
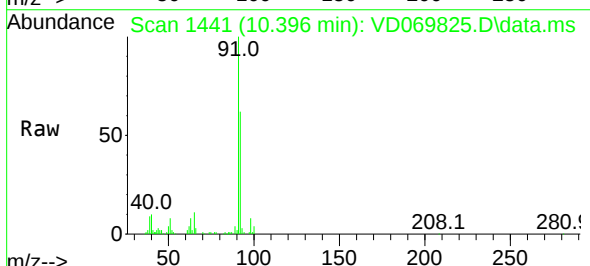
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

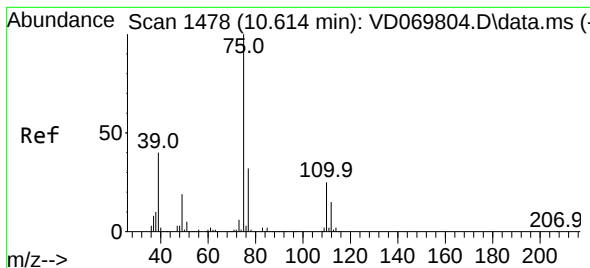
Tgt Ion: 43 Resp: 40998
Ion Ratio Lower Upper
43 100
58 40.1 33.7 50.5



#52
Toluene
Concen: 2.515 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 92 Resp: 49959
Ion Ratio Lower Upper
92 100
91 169.3 138.7 208.1

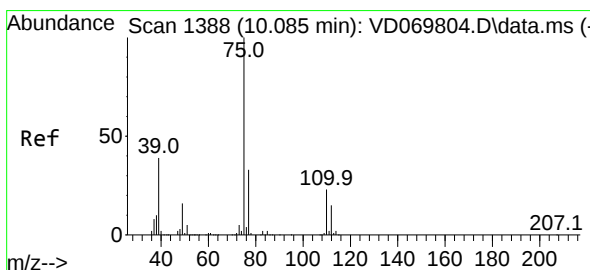
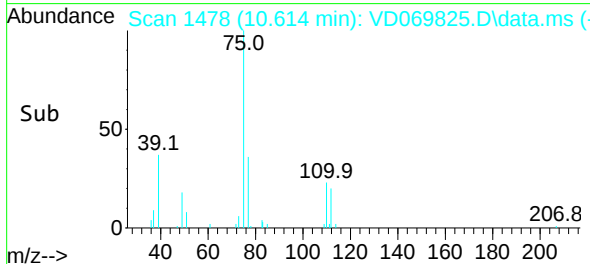
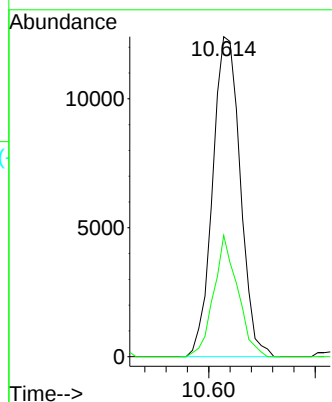
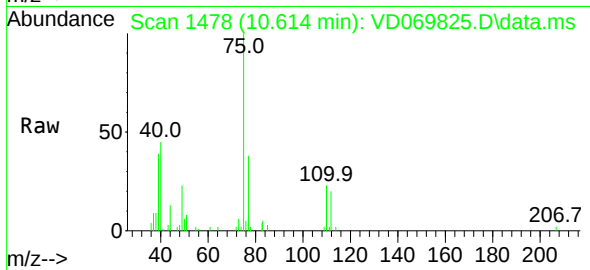




#53
 t-1,3-Dichloropropene
 Concen: 2.422 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. -0.000 min
 Lab File: VD069825.D
 Acq: 23 Jul 2021 13:29

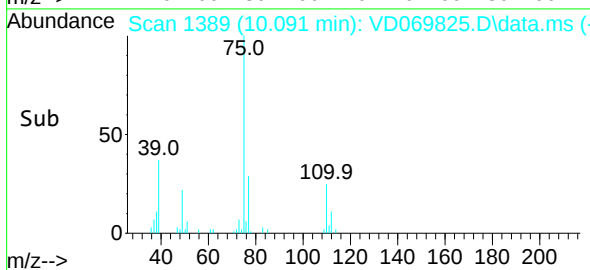
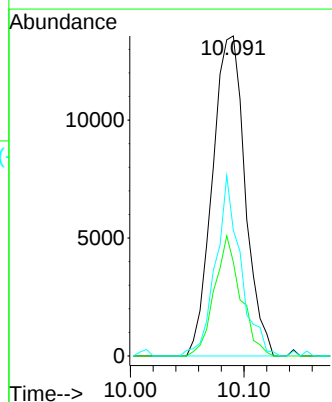
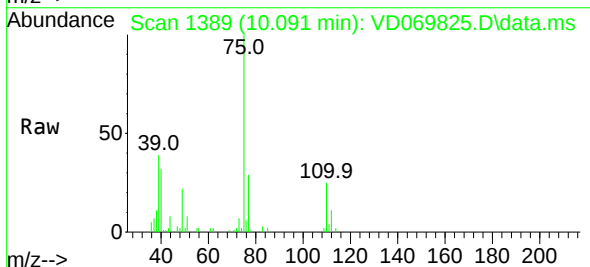
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

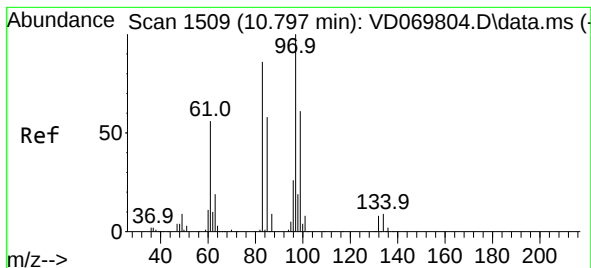
Tgt Ion: 75 Resp: 22337
 Ion Ratio Lower Upper
 75 100
 77 37.9 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 2.427 ug/l
 RT: 10.091 min Scan# 1389
 Delta R.T. 0.006 min
 Lab File: VD069825.D
 Acq: 23 Jul 2021 13:29

Tgt Ion: 75 Resp: 27093
 Ion Ratio Lower Upper
 75 100
 77 29.4 26.3 39.5
 39 39.3 31.0 46.6

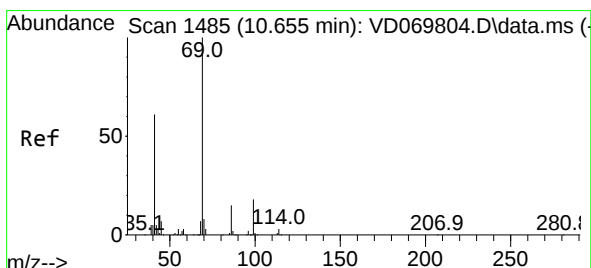
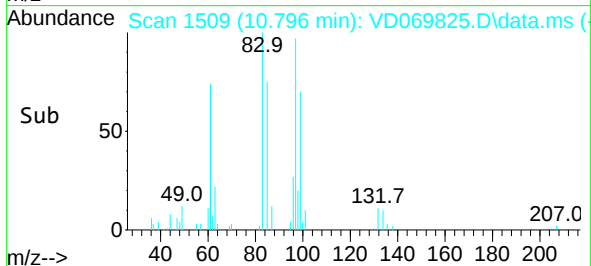
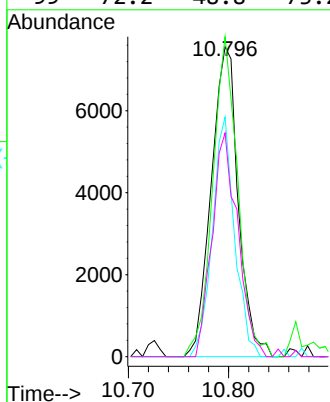
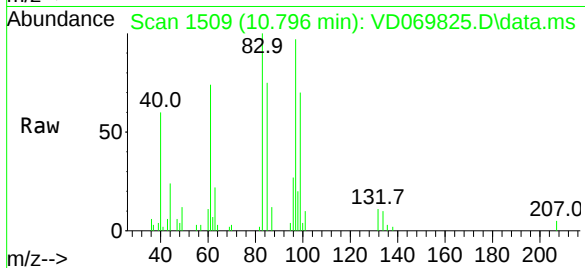




#55
1,1,2-Trichloroethane
Concen: 2.372 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

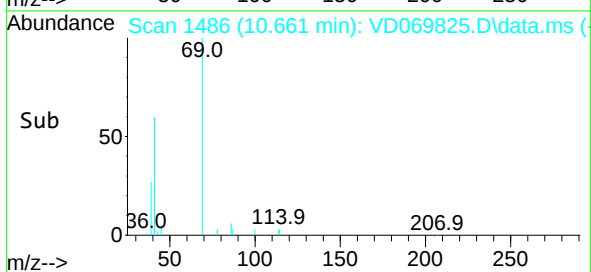
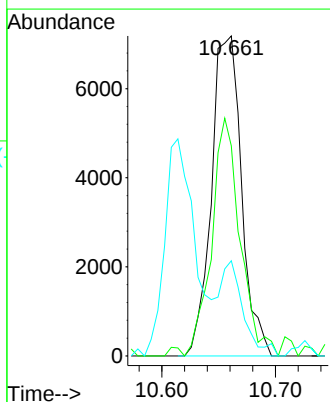
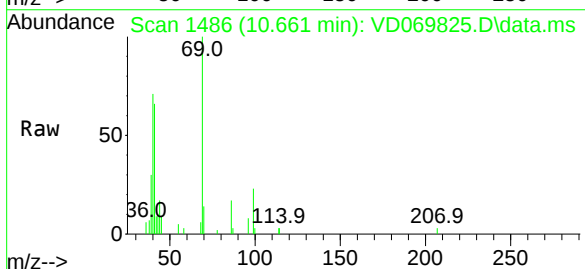
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

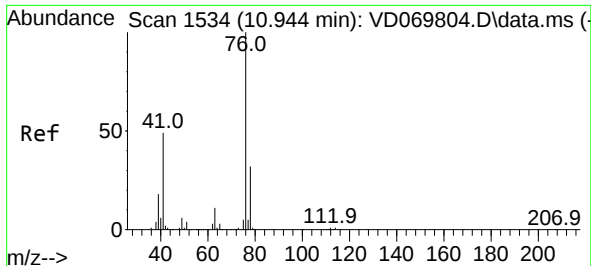
Tgt Ion:	97	Resp:	14166
Ion	Ratio	Lower	Upper
97	100		
83	103.2	69.1	103.7
85	77.3	46.2	69.2#
99	72.2	48.8	73.2



#56
Ethyl methacrylate
Concen: 2.025 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion:	69	Resp:	13240
Ion	Ratio	Lower	Upper
69	100		
41	71.1	50.2	75.2
39	23.8	22.0	33.0

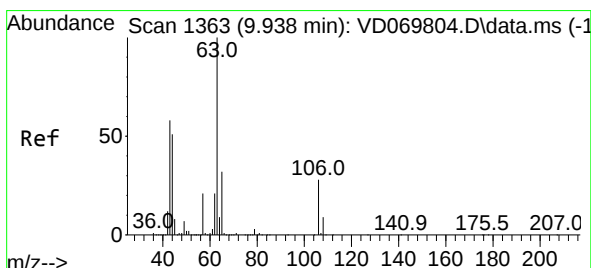
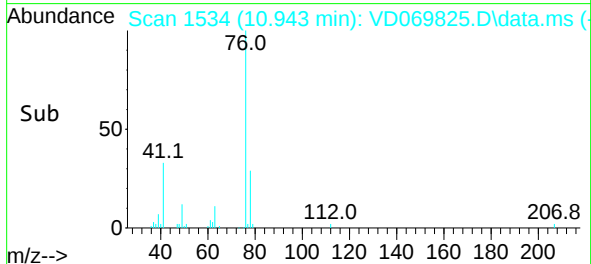
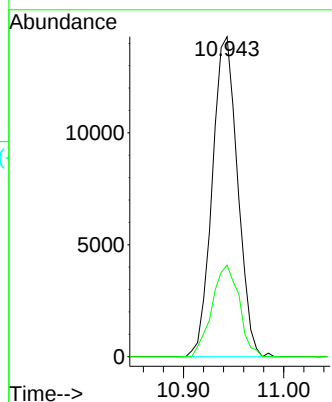
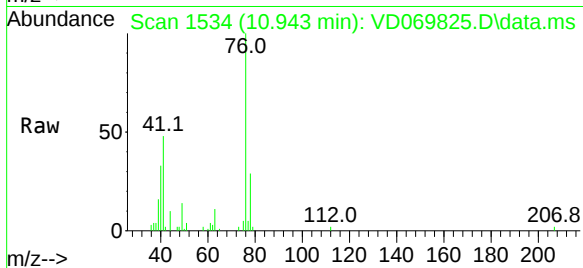




#57
1,3-Dichloropropane
Concen: 2.482 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

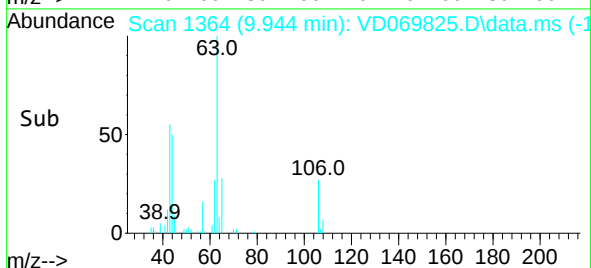
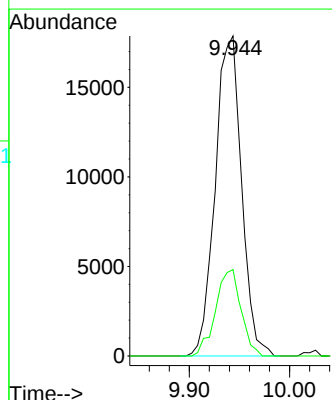
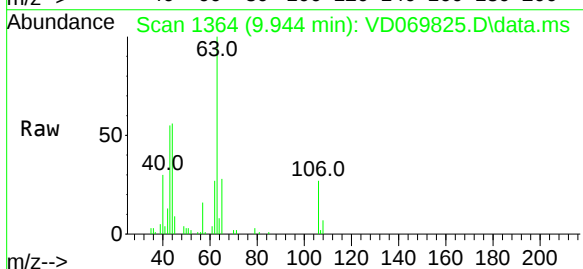
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

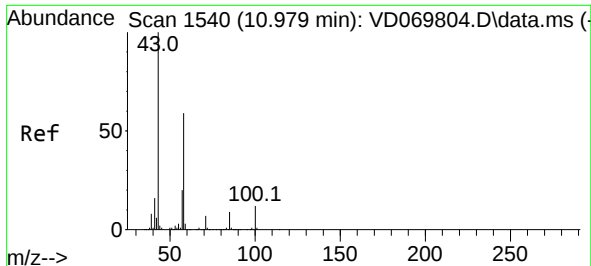
Tgt Ion: 76 Resp: 25085
Ion Ratio Lower Upper
76 100
78 30.7 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 11.634 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 63 Resp: 32588
Ion Ratio Lower Upper
63 100
106 26.1 21.8 32.6

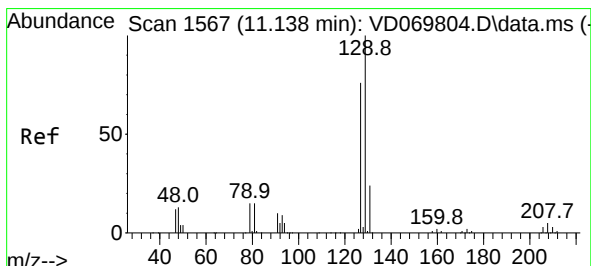
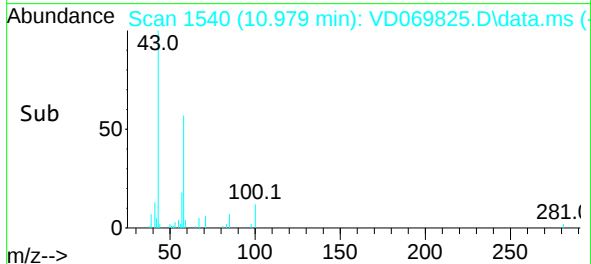
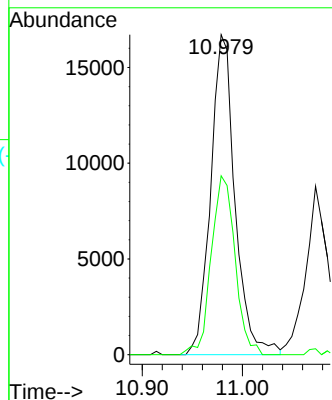
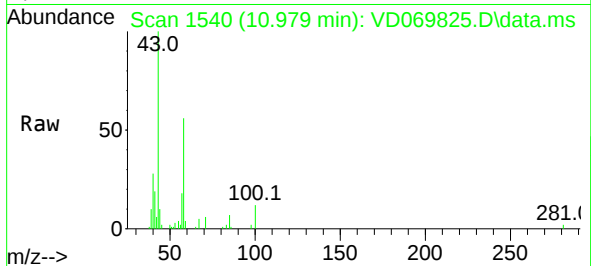




#59
2-Hexanone
Concen: 11.104 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

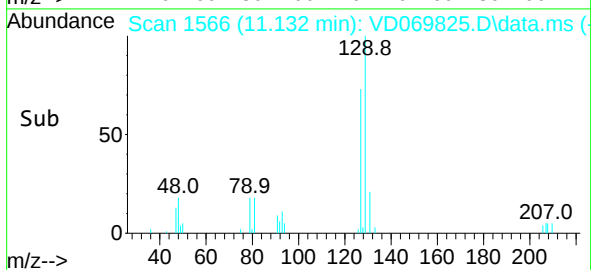
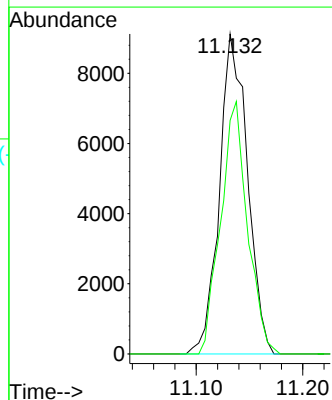
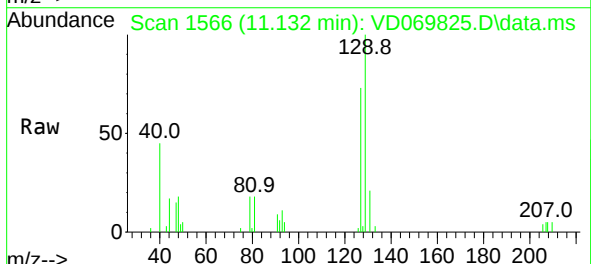
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

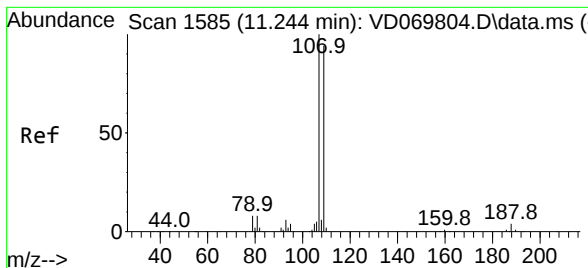
Tgt Ion: 43 Resp: 28209
Ion Ratio Lower Upper
43 100
58 54.6 29.4 88.3



#60
Dibromochloromethane
Concen: 2.461 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 129 Resp: 16645
Ion Ratio Lower Upper
129 100
127 75.8 38.7 116.1

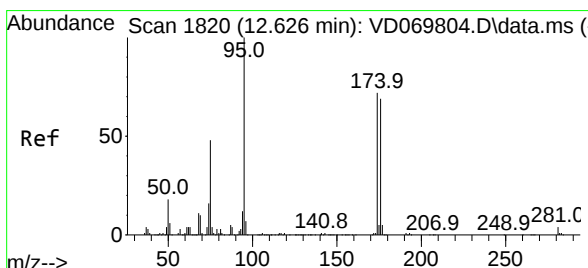
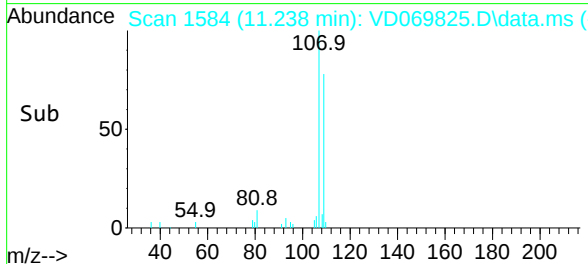
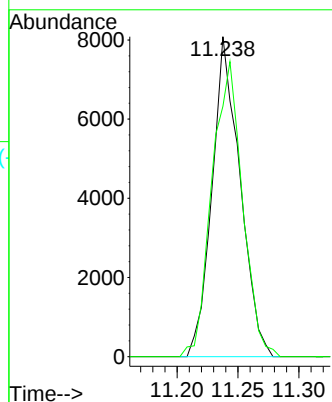
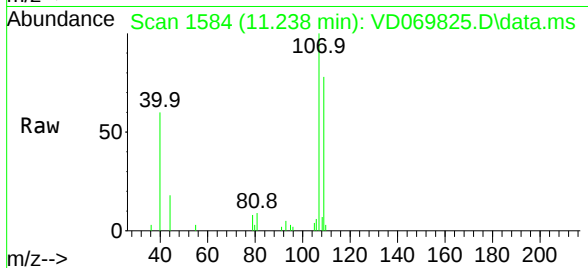




#61
1,2-Dibromoethane
Concen: 2.397 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

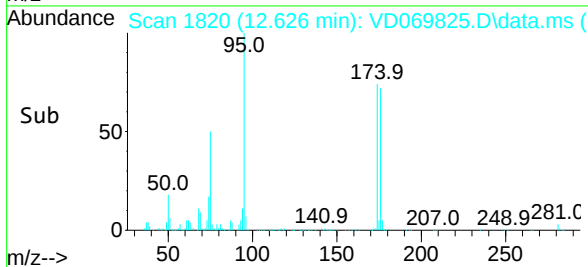
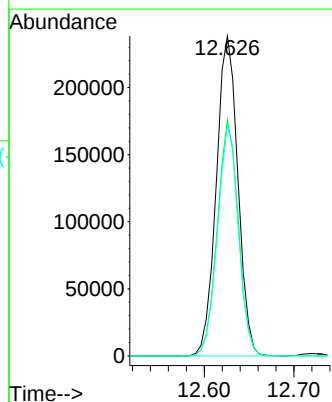
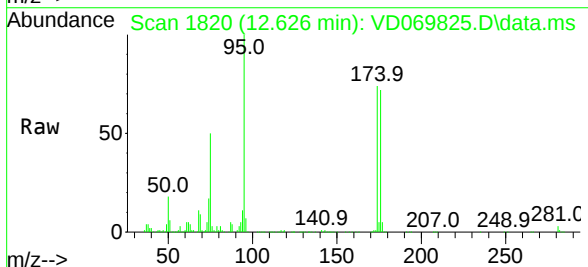
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

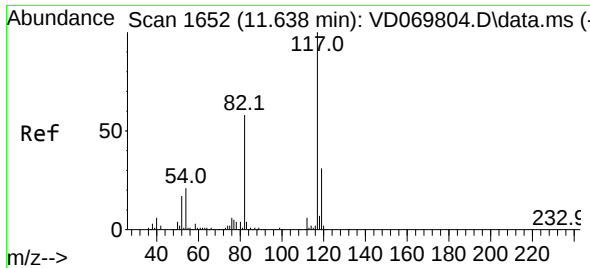
Tgt Ion:107 Resp: 12891
Ion Ratio Lower Upper
107 100
109 100.7 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 46.771 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 95 Resp: 397998
Ion Ratio Lower Upper
95 100
174 71.8 0.0 142.6
176 69.8 0.0 134.2

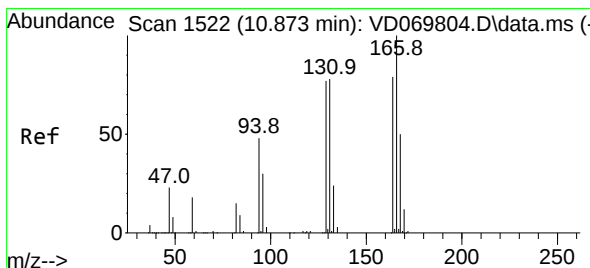
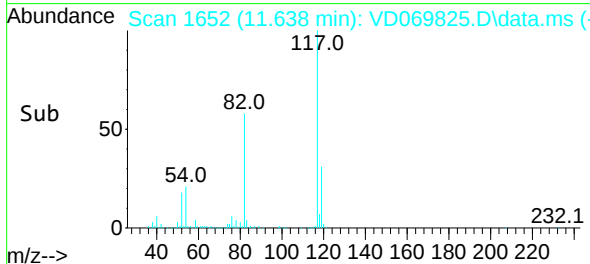
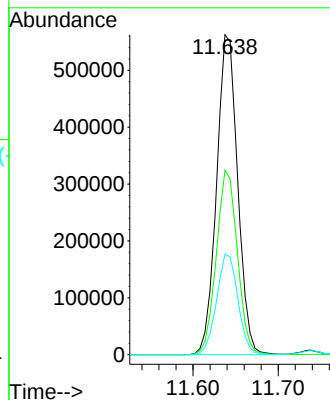
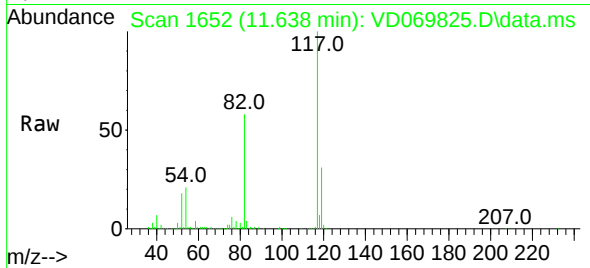




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

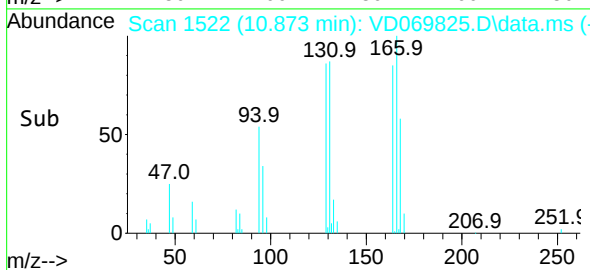
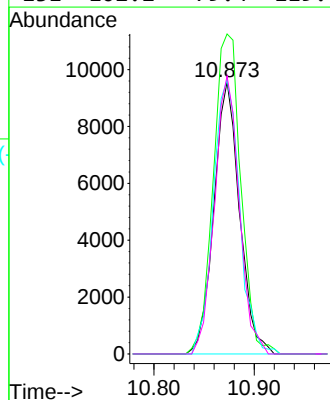
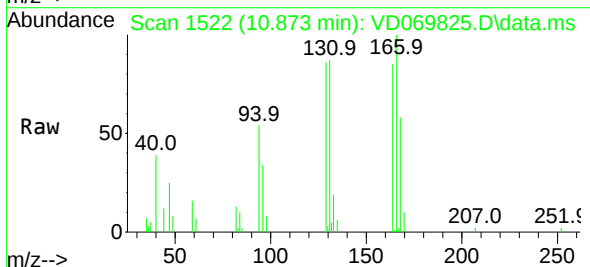
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

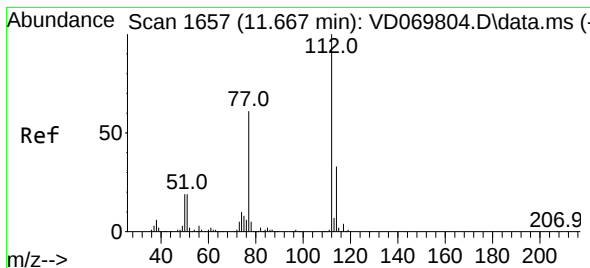
Tgt Ion:117 Resp: 967103
Ion Ratio Lower Upper
117 100
82 57.6 46.3 69.5
119 31.4 24.7 37.1



#64
Tetrachloroethene
Concen: 2.748 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion:164 Resp: 16943
Ion Ratio Lower Upper
164 100
166 117.7 101.8 152.8
129 100.7 78.8 118.2
131 102.2 79.4 119.0

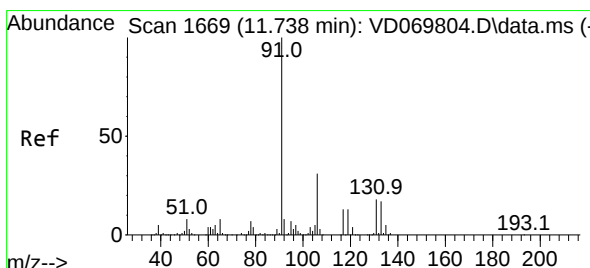
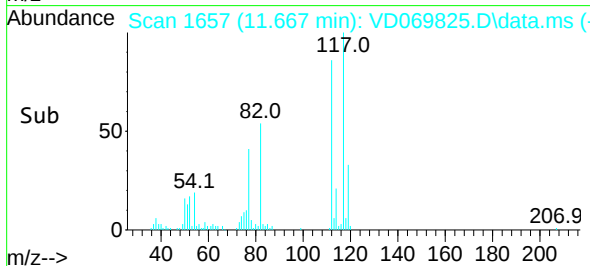
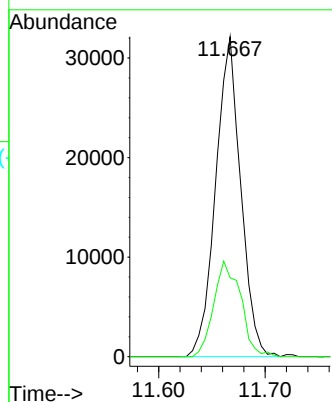
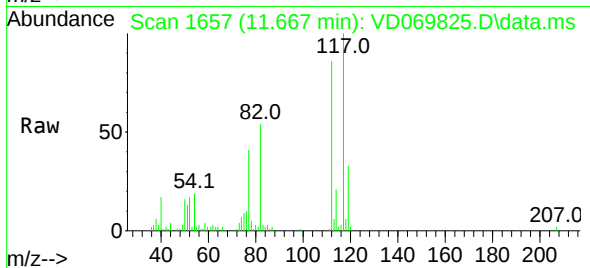




#65
Chlorobenzene
Concen: 2.616 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

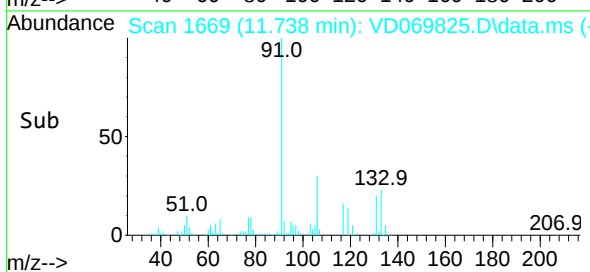
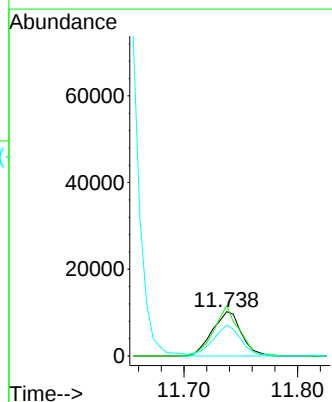
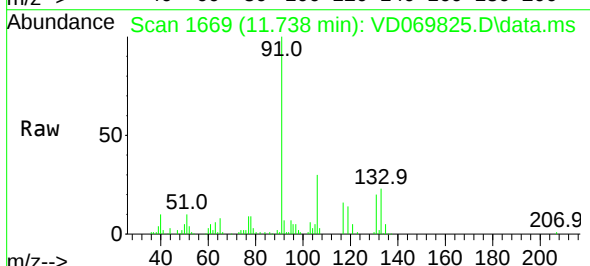
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

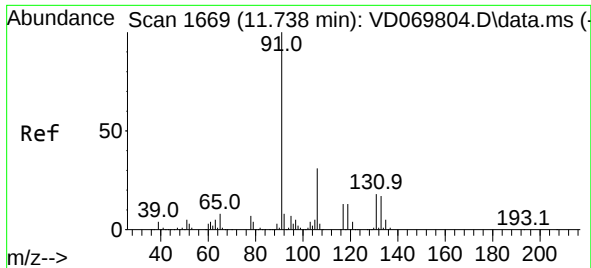
Tgt Ion:112 Resp: 52421
Ion Ratio Lower Upper
112 100
114 24.6 26.5 39.7#



#66
1,1,1,2-Tetrachloroethane
Concen: 2.514 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion:131 Resp: 18118
Ion Ratio Lower Upper
131 100
133 98.1 46.4 139.1
119 66.7 34.2 102.5

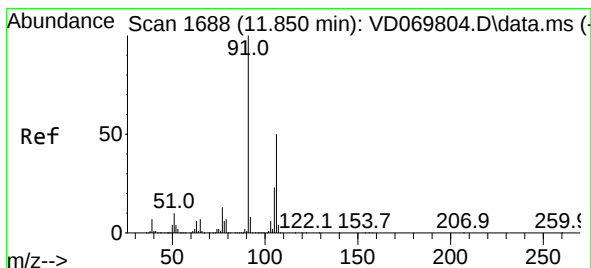
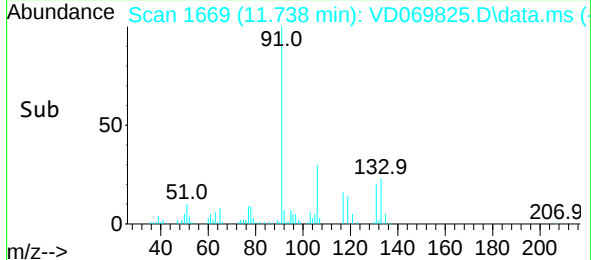
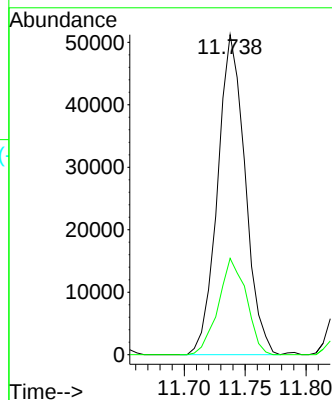
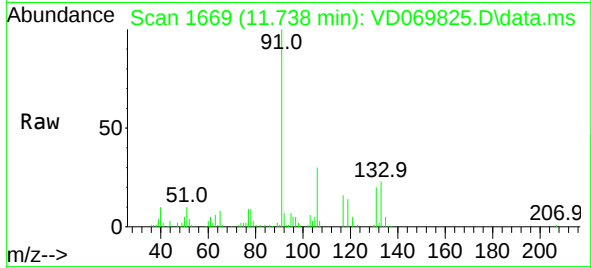




#67
Ethyl Benzene
Concen: 2.289 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

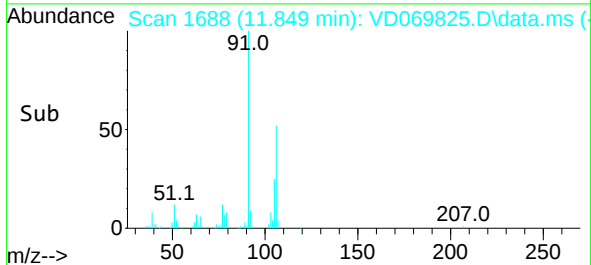
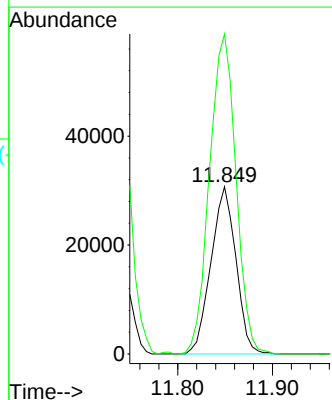
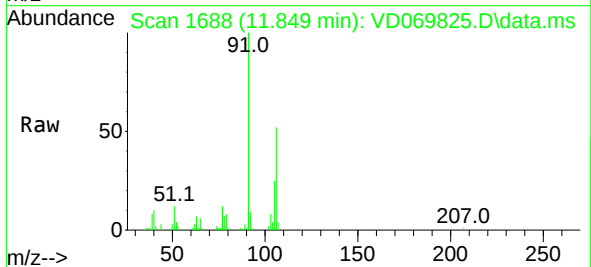
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

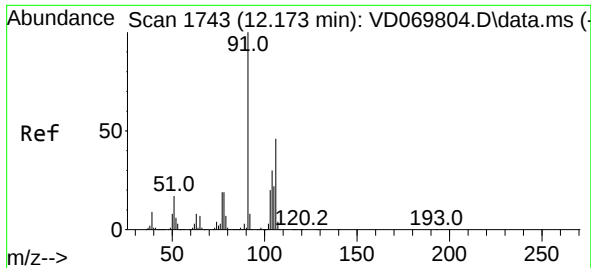
Tgt Ion: 91 Resp: 80743
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3



#68
m/p-Xylenes
Concen: 4.107 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 106 Resp: 56163
Ion Ratio Lower Upper
106 100
91 202.8 162.4 243.6

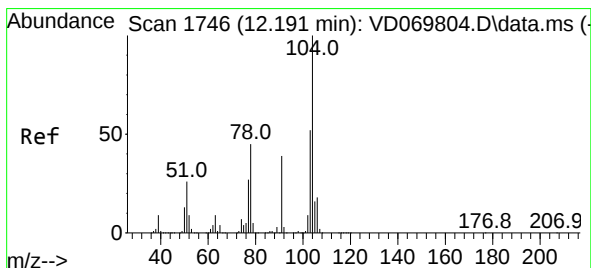
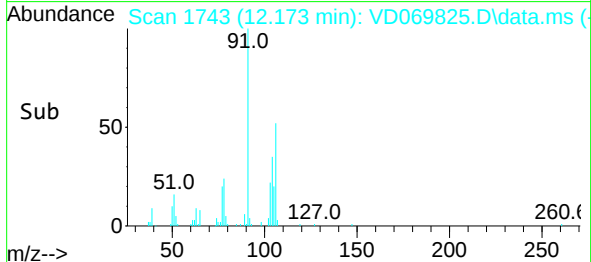
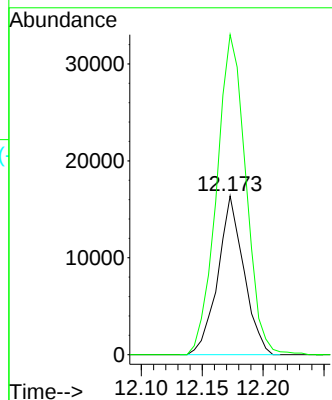
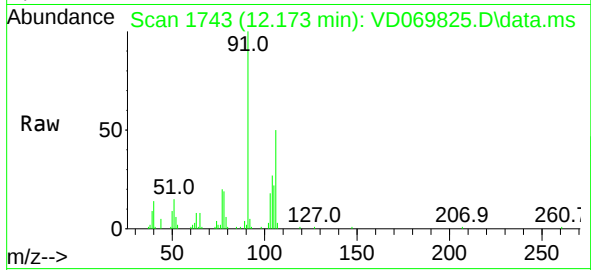




#69
o-Xylene
Concen: 1.954 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

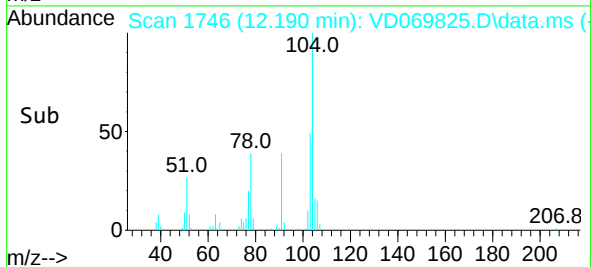
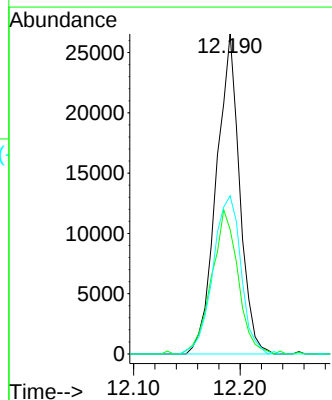
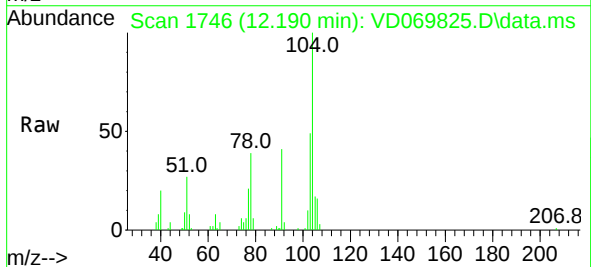
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

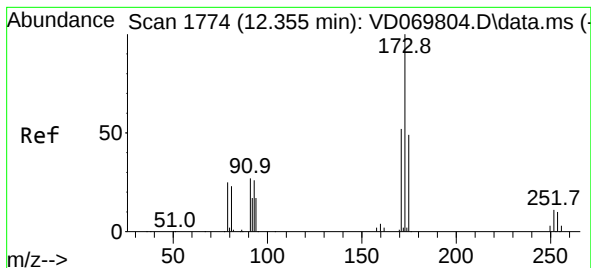
Tgt Ion:106 Resp: 24293
Ion Ratio Lower Upper
106 100
91 226.9 107.6 322.8



#70
Styrene
Concen: 1.870 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion:104 Resp: 40290
Ion Ratio Lower Upper
104 100
78 51.0 39.7 59.5
103 59.3 44.0 66.0





#71

Bromoform

Concen: 2.633 ug/l

RT: 12.355 min Scan# 1774

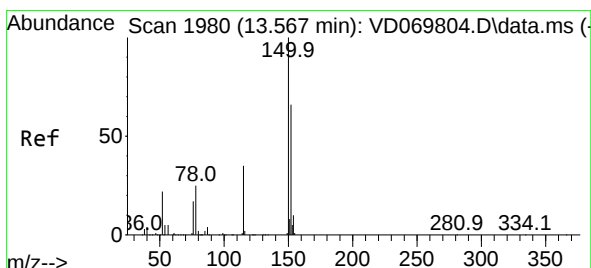
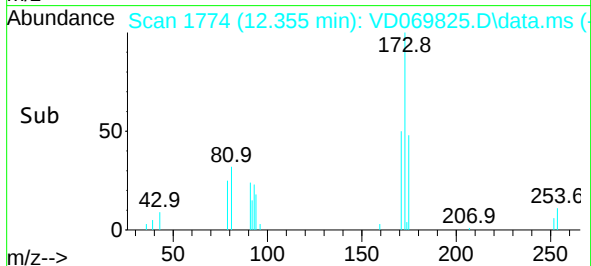
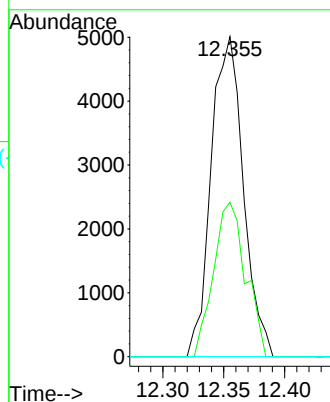
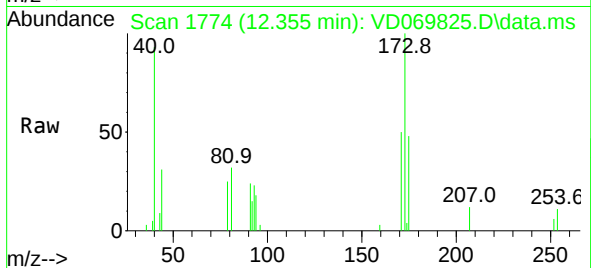
Delta R.T. -0.000 min

Lab File: VD069825.D

Acq: 23 Jul 2021 13:29

Tgt Ion:	173	Resp:	9215
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.1	72.3
254	0.0	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

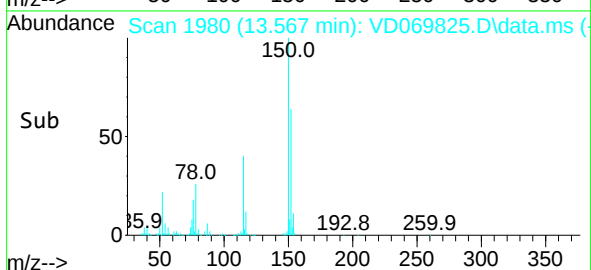
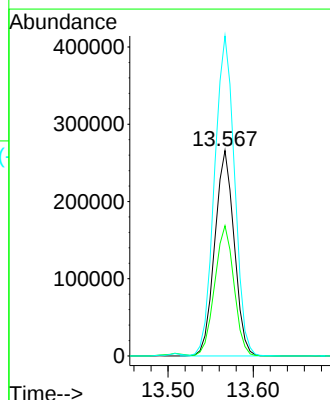
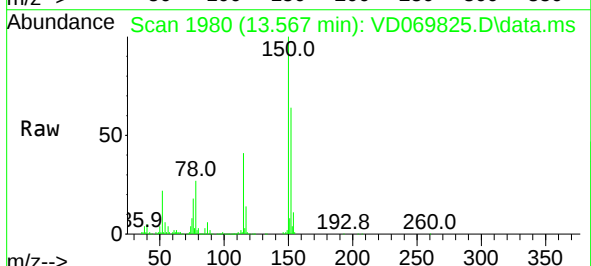
RT: 13.567 min Scan# 1980

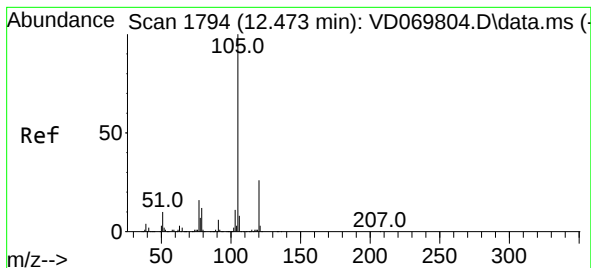
Delta R.T. -0.000 min

Lab File: VD069825.D

Acq: 23 Jul 2021 13:29

Tgt Ion:	152	Resp:	421749
Ion Ratio	Lower	Upper	
152	100		
115	63.0	31.1	93.3
150	161.2	0.0	343.0





#73

Isopropylbenzene

Concen: 2.157 ug/l

RT: 12.473 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VD069825.D

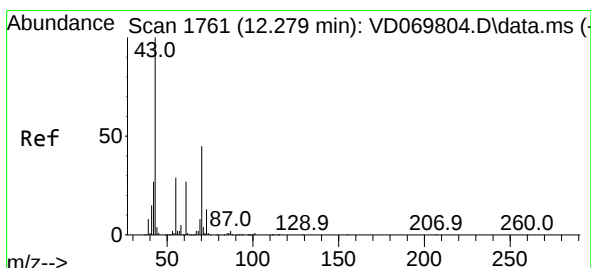
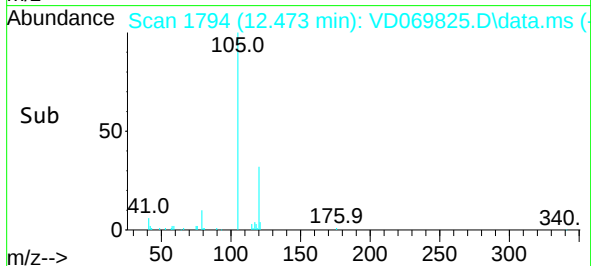
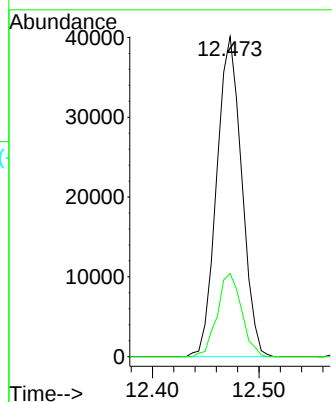
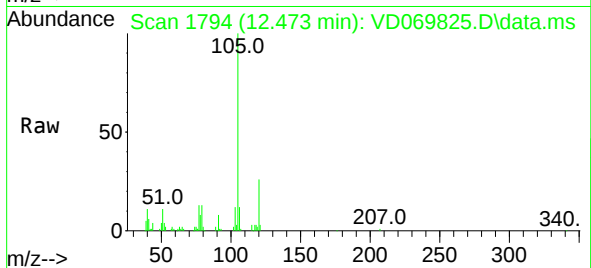
Acq: 23 Jul 2021 13:29

Tgt Ion:105 Resp: 65366

Ion Ratio Lower Upper

105 100

120 25.2 13.0 38.9



#74

N-ethyl acetate

Concen: 2.139 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD069825.D

Acq: 23 Jul 2021 13:29

Tgt Ion: 43 Resp: 13335

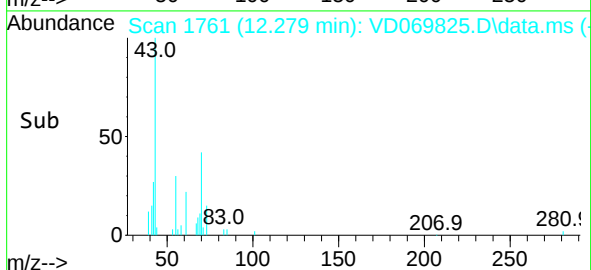
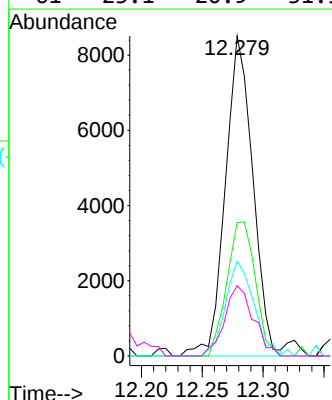
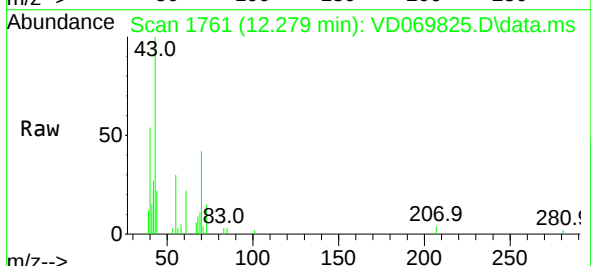
Ion Ratio Lower Upper

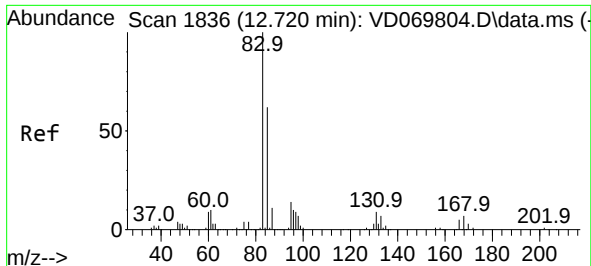
43 100

70 43.3 37.9 56.9

55 30.6 23.7 35.5

61 23.1 20.9 31.3

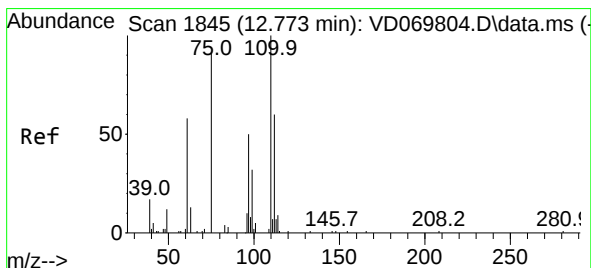
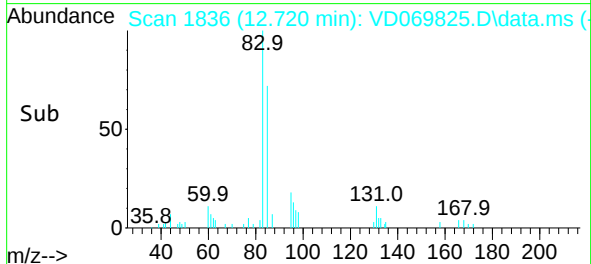
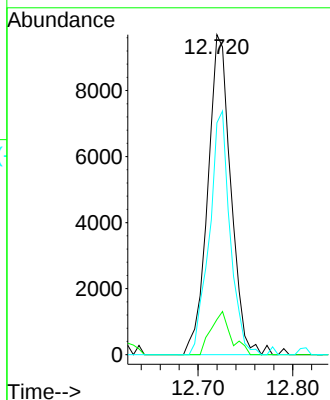
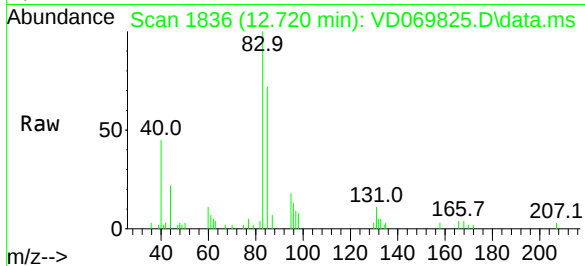




#75
1,1,2,2-Tetrachloroethane
Concen: 2.704 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

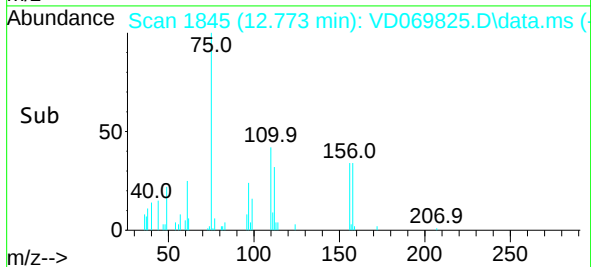
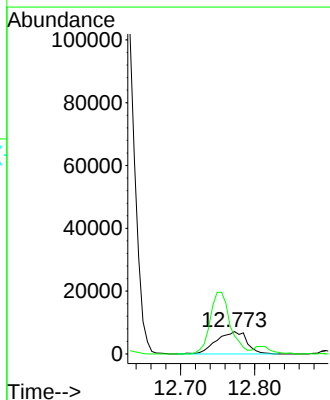
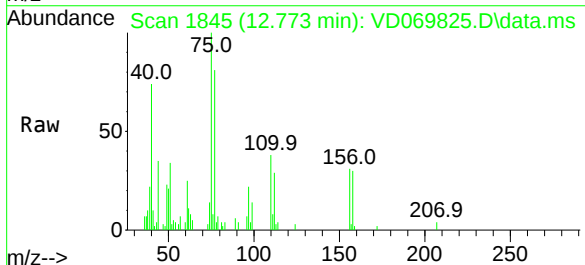
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

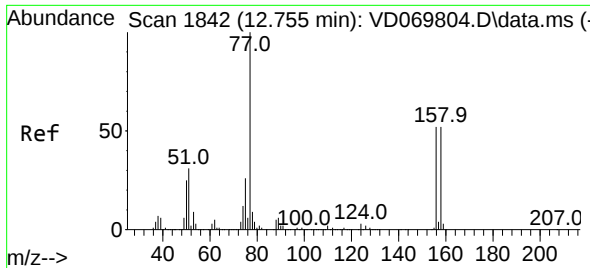
Tgt Ion: 83 Resp: 16366
Ion Ratio Lower Upper
83 100
131 11.6 4.9 14.6
85 68.4 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 4.510 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 75 Resp: 20217
Ion Ratio Lower Upper
75 100
77 184.3 181.5 544.5

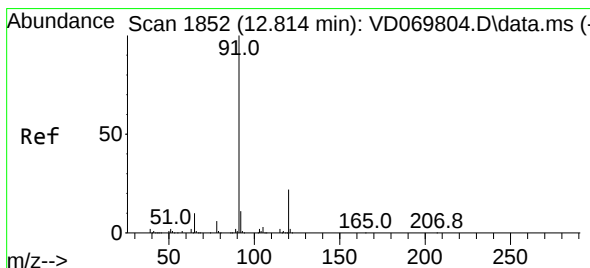
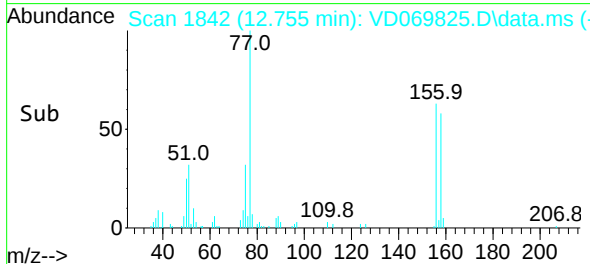
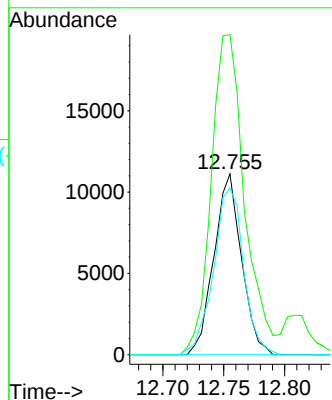
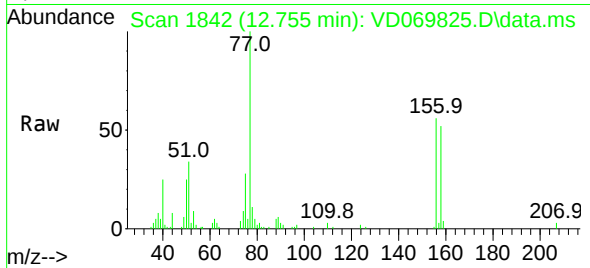




#77
Bromobenzene
Concen: 2.573 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

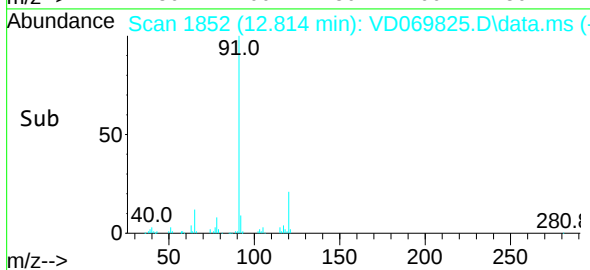
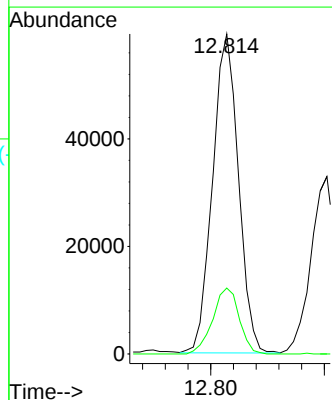
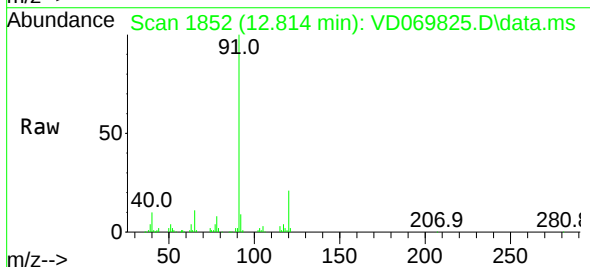
Instrument :
MSVOA_D
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LOD-MDL-SOIL-01-QT3-2021

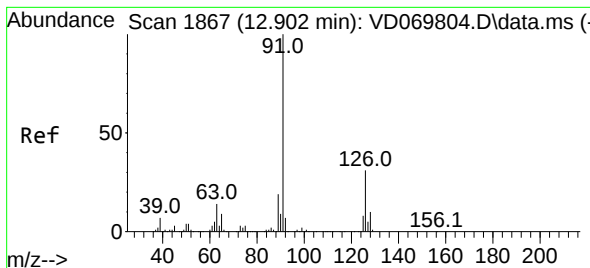
Tgt Ion:156 Resp: 17558
Ion Ratio Lower Upper
156 100
77 212.2 107.1 321.3
158 100.2 48.1 144.3



#78
n-propylbenzene
Concen: 2.407 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 91 Resp: 93685
Ion Ratio Lower Upper
91 100
120 21.2 10.9 32.7

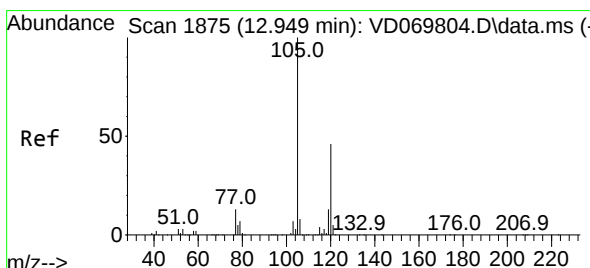
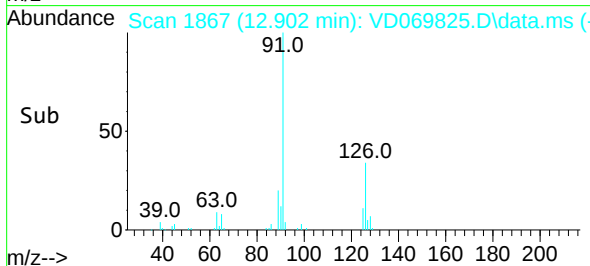
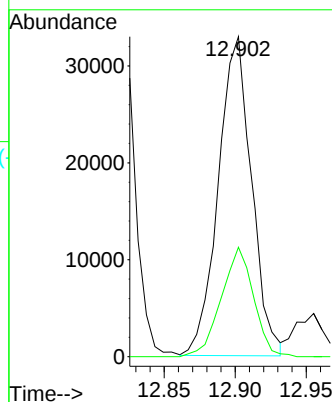
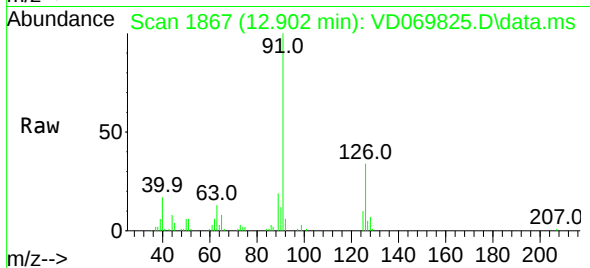




#79
2-Chlorotoluene
Concen: 2.372 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

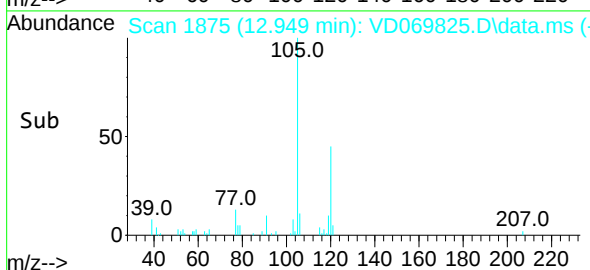
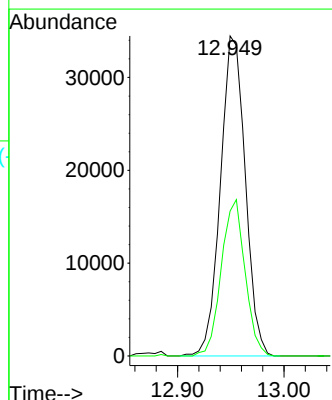
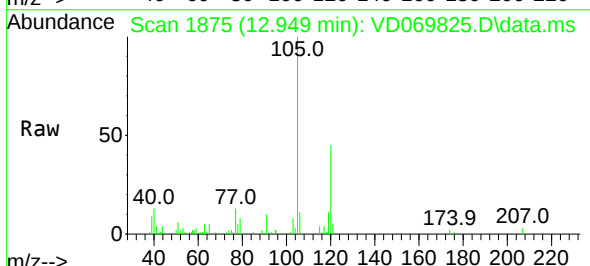
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

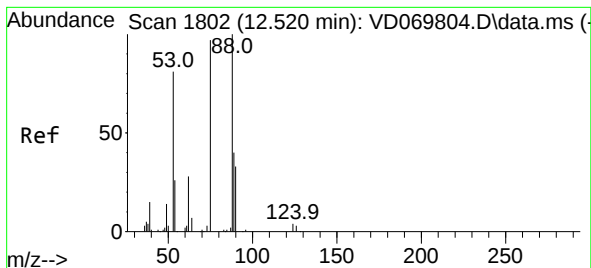
Tgt Ion: 91 Resp: 53618
Ion Ratio Lower Upper
91 100
126 33.2 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 2.154 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 105 Resp: 55847
Ion Ratio Lower Upper
105 100
120 46.6 23.8 71.2

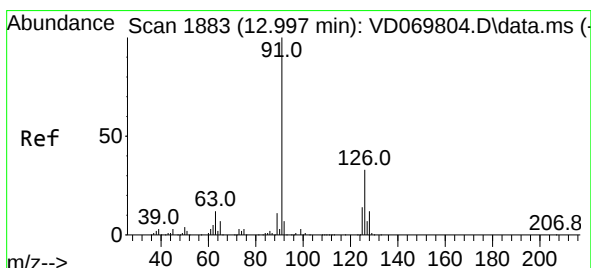
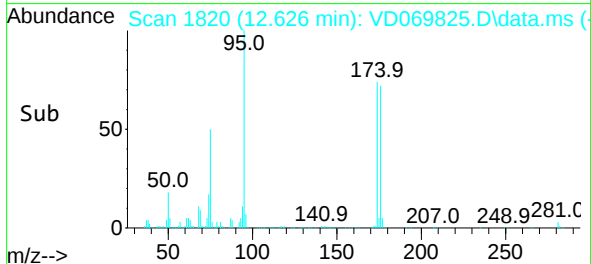
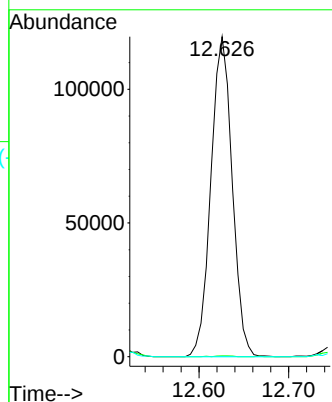
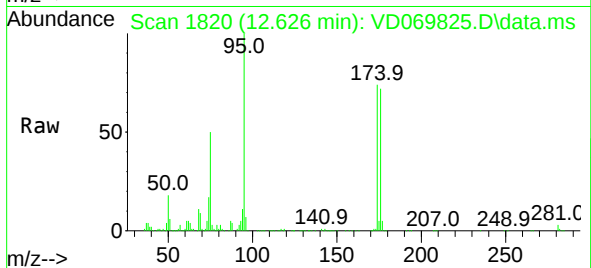




#81
trans-1,4-Dichloro-2-butene
Concen: 133.584 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

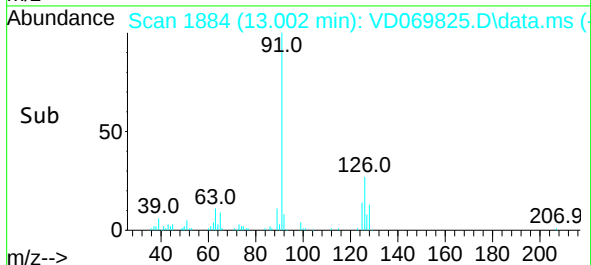
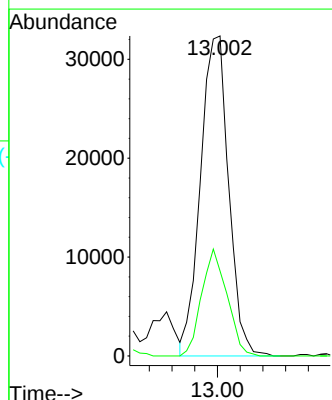
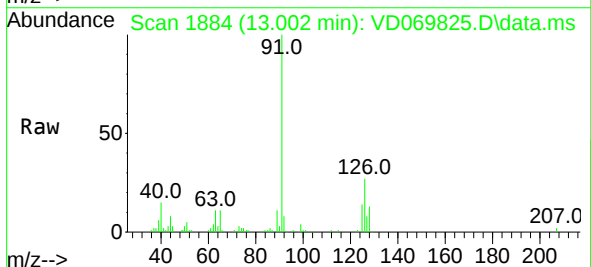
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

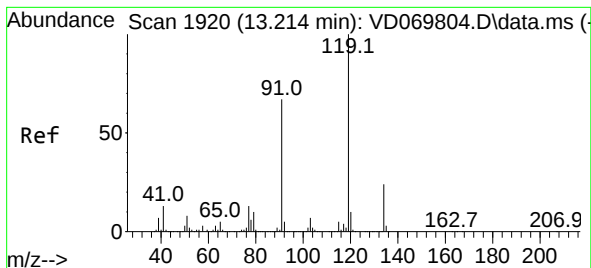
Tgt Ion: 75 Resp: 197394
Ion Ratio Lower Upper
75 100
53 0.2 67.2 100.8#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 2.357 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

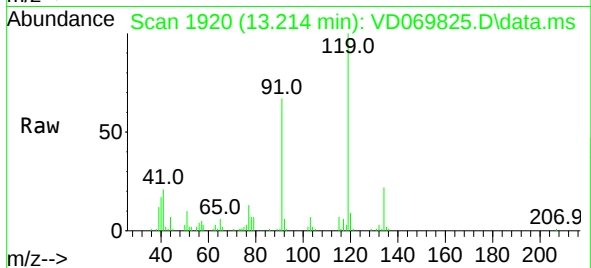
Tgt Ion: 91 Resp: 55698
Ion Ratio Lower Upper
91 100
126 30.2 15.9 47.6



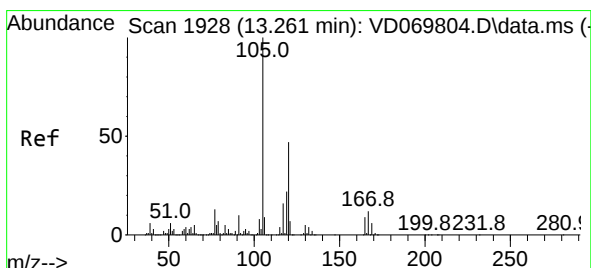
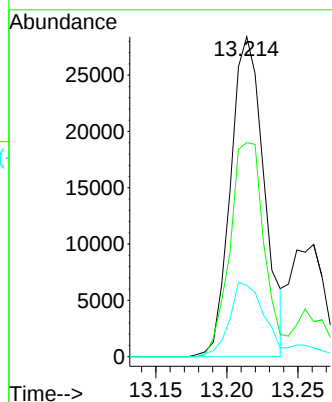
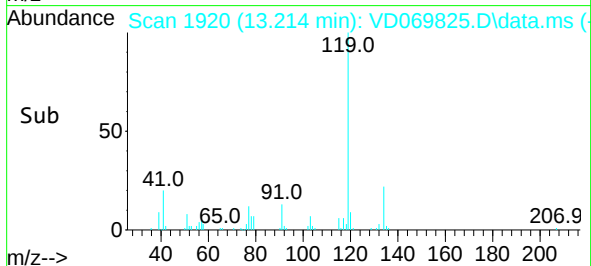


#83
tert-Butylbenzene
Concen: 2.215 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

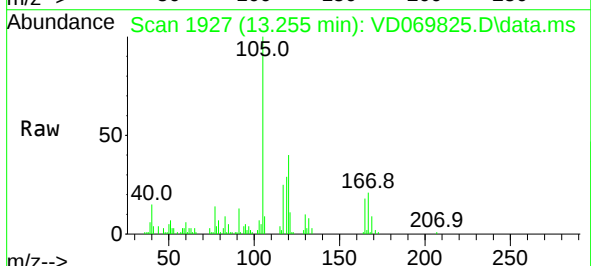
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



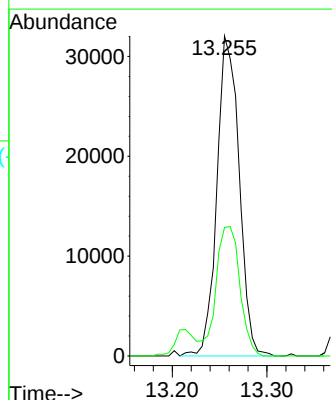
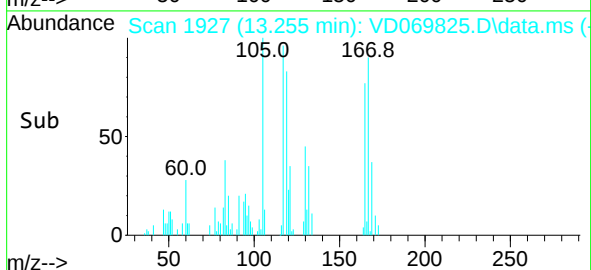
Tgt Ion:119 Resp: 46675
Ion Ratio Lower Upper
119 100
91 69.1 33.7 101.1
134 24.2 13.3 39.8

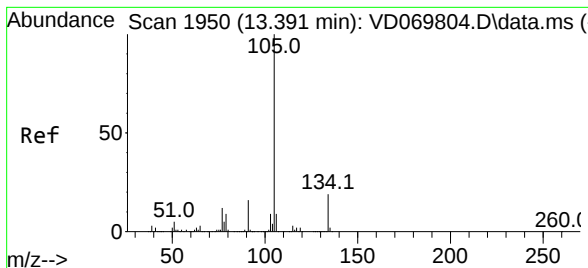


#84
1,2,4-Trimethylbenzene
Concen: 2.046 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29



Tgt Ion:105 Resp: 52311
Ion Ratio Lower Upper
105 100
120 43.9 22.6 67.8

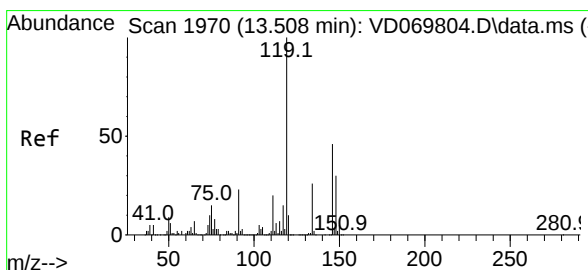
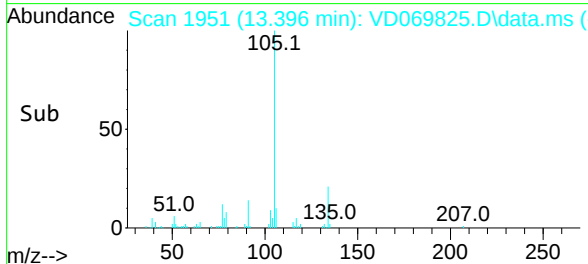
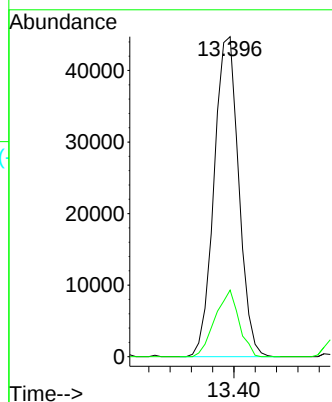
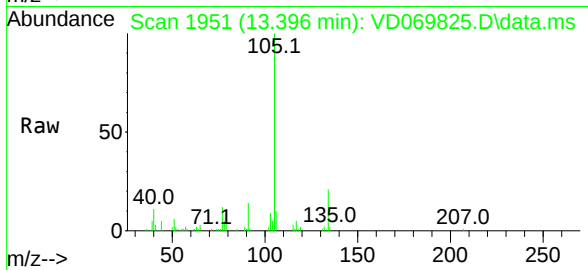




#85
sec-Butylbenzene
Concen: 2.153 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

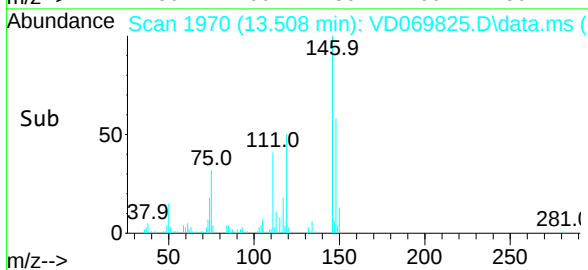
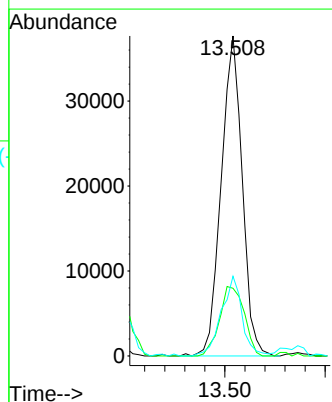
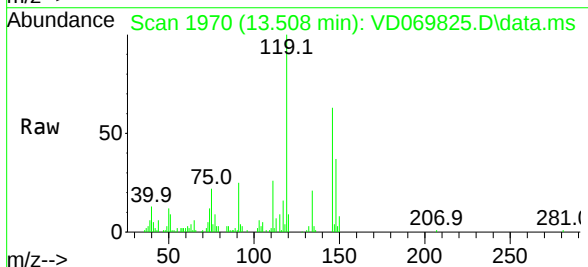
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

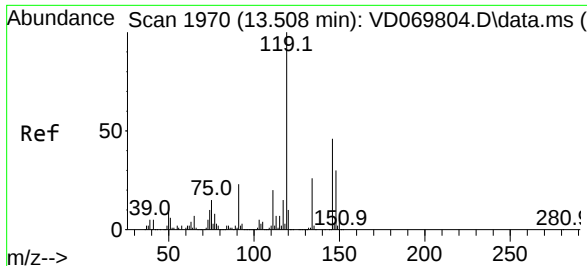
Tgt Ion:105 Resp: 71748
Ion Ratio Lower Upper
105 100
134 20.2 9.6 28.6



#86
p-Isopropyltoluene
Concen: 2.022 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion:119 Resp: 54744
Ion Ratio Lower Upper
119 100
134 25.5 12.6 37.8
91 24.7 11.7 35.1

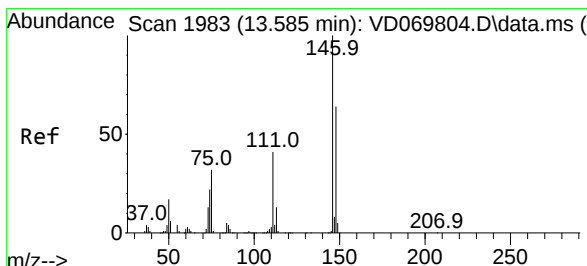
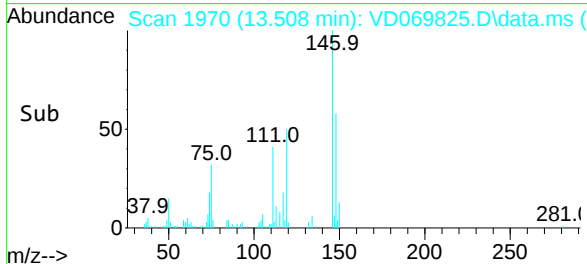
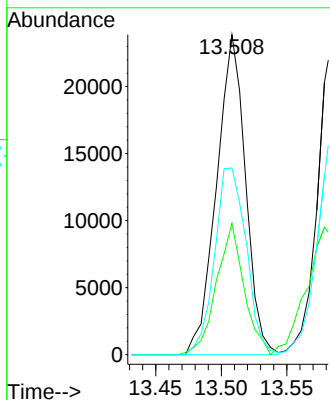
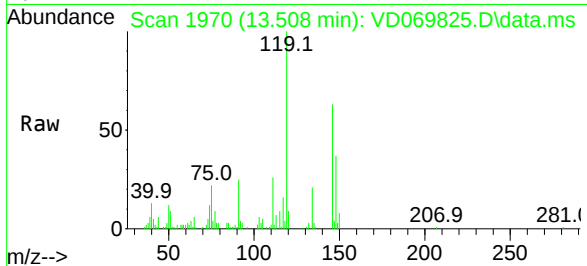




#87
1,3-Dichlorobenzene
Concen: 2.553 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

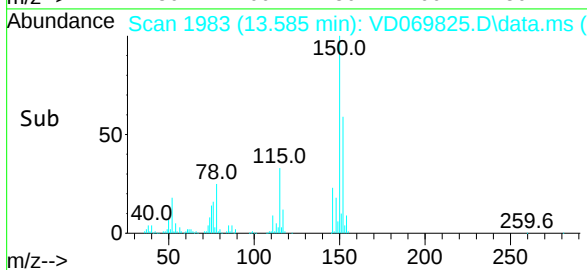
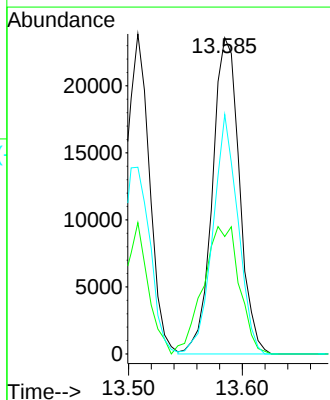
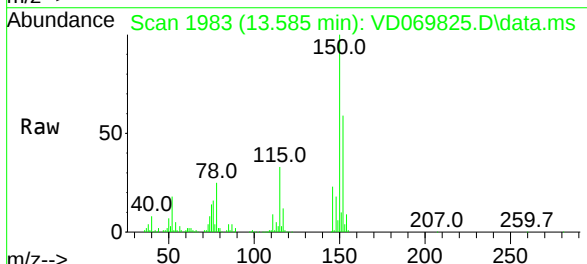
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

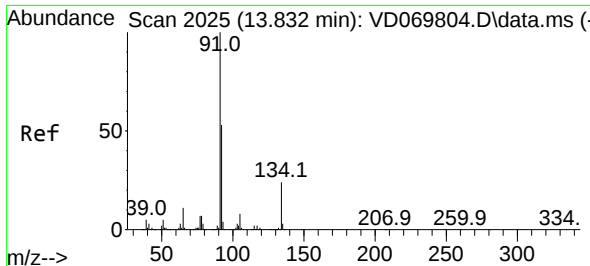
Tgt Ion:146 Resp: 36588
Ion Ratio Lower Upper
146 100
111 39.2 21.7 65.1
148 63.8 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 2.726 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion:146 Resp: 38927
Ion Ratio Lower Upper
146 100
111 54.2 20.8 62.4
148 70.4 31.6 95.0

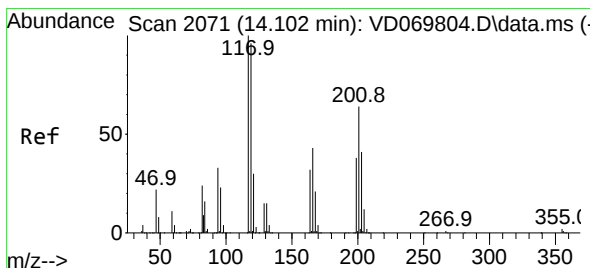
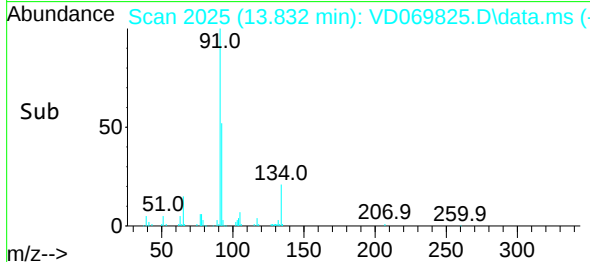
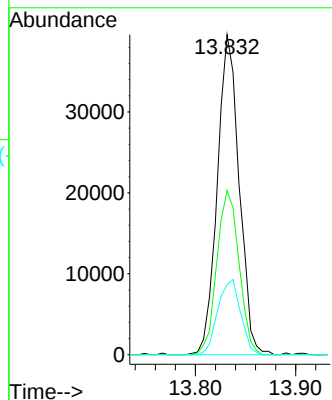
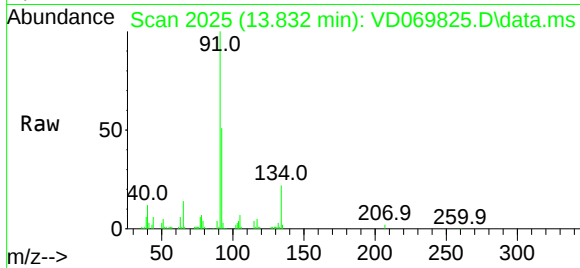




#89
n-Butylbenzene
Concen: 2.240 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

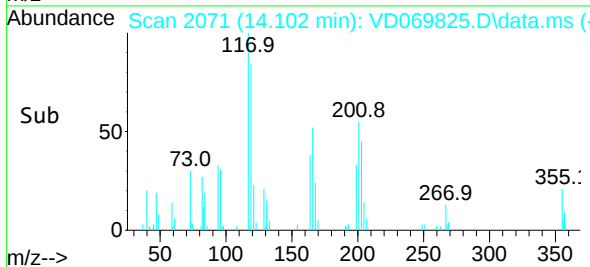
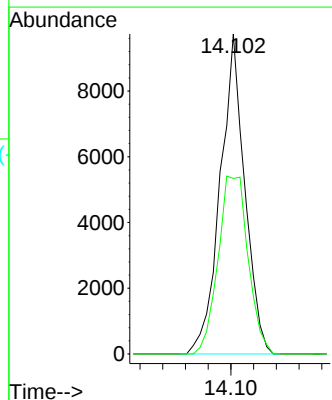
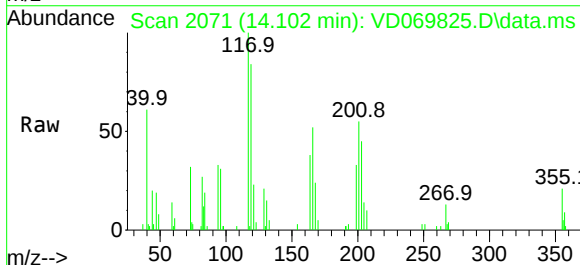
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

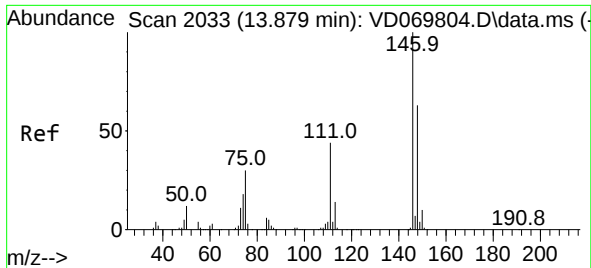
Tgt Ion: 91	Resp: 59840
Ion Ratio	Lower Upper
91 100	
92 52.0	26.6 79.7
134 24.5	11.9 35.7



#90
Hexachloroethane
Concen: 2.550 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion: 117	Resp: 14623
Ion Ratio	Lower Upper
117 100	
201 67.8	31.9 95.5

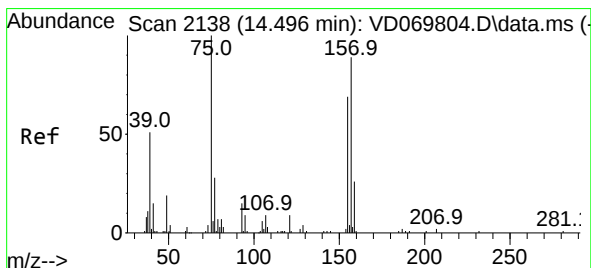
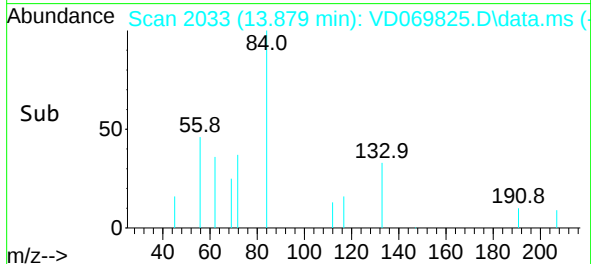
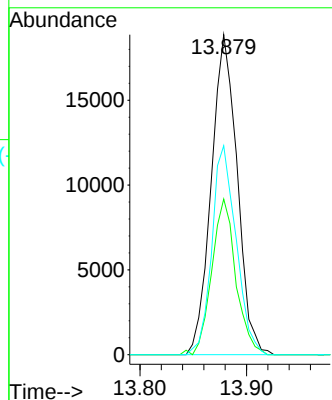
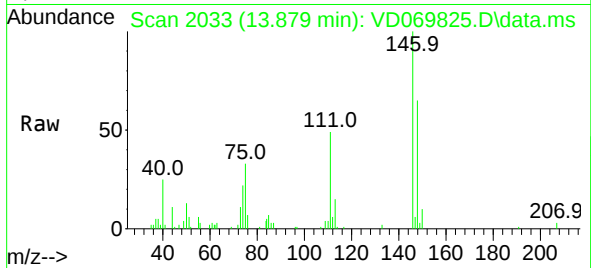




#91
1,2-Dichlorobenzene
Concen: 2.577 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

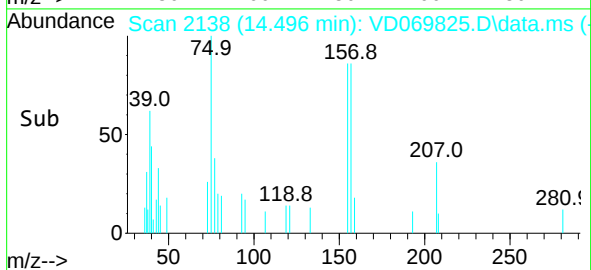
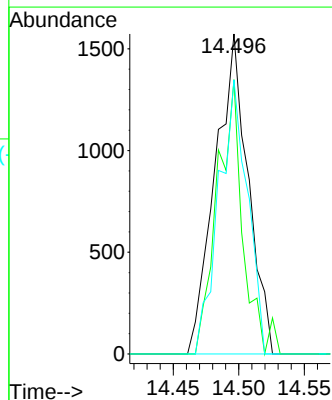
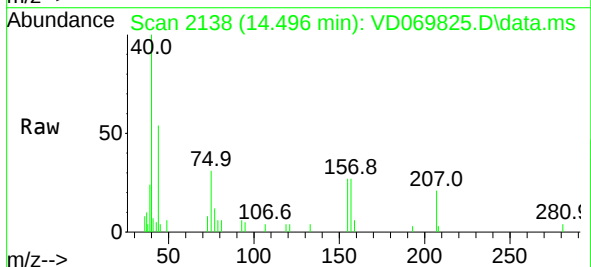
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

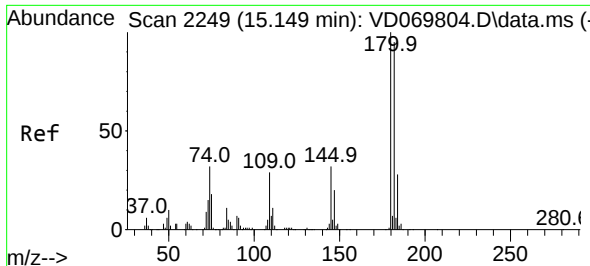
Tgt Ion:	146	Resp:	31871
Ion	Ratio	Lower	Upper
146	100		
111	45.1	21.7	65.1
148	61.1	31.2	93.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.147 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion:	75	Resp:	2742
Ion	Ratio	Lower	Upper
75	100		
155	67.1	36.3	108.9
157	74.7	47.0	141.0

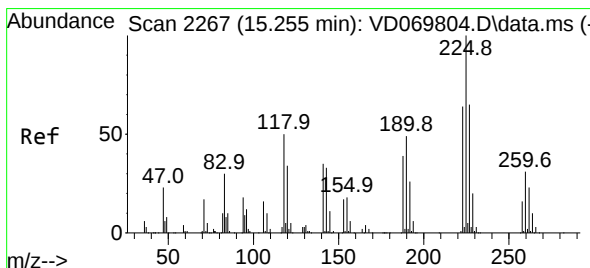
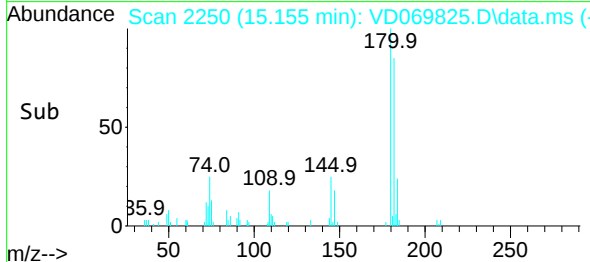
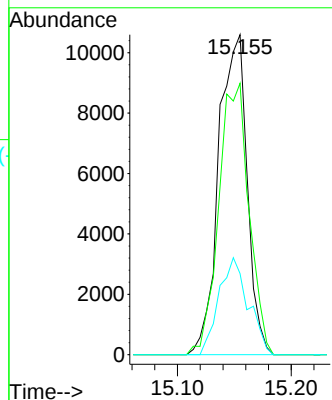
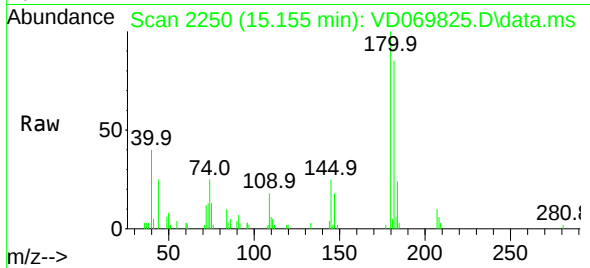




#93
1,2,4-Trichlorobenzene
Concen: 2.761 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.006 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

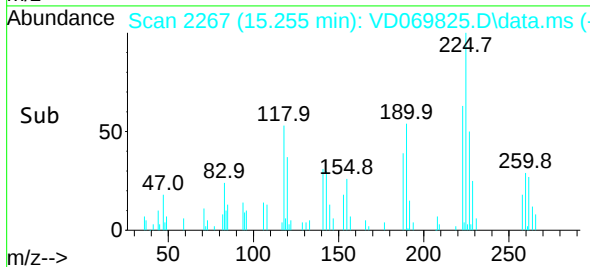
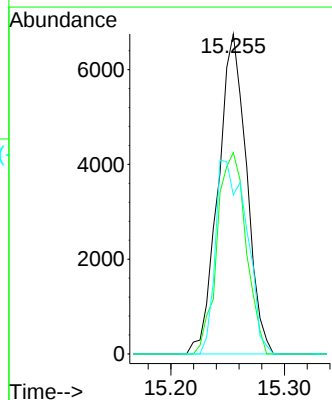
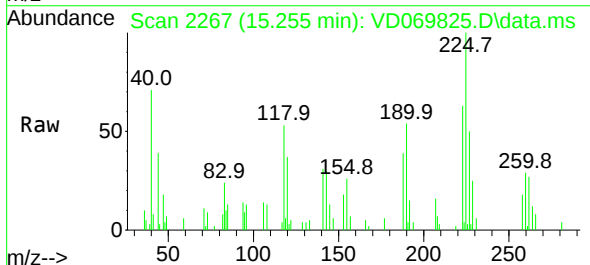
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

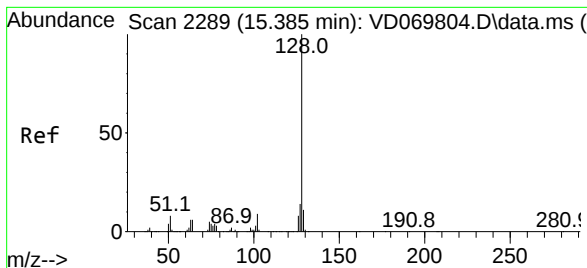
Tgt Ion:180 Resp: 18421
Ion Ratio Lower Upper
180 100
182 90.2 47.6 142.9
145 31.5 16.4 49.2



#94
Hexachlorobutadiene
Concen: 2.869 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion:225 Resp: 11710
Ion Ratio Lower Upper
225 100
223 64.0 31.5 94.5
227 66.2 31.9 95.7

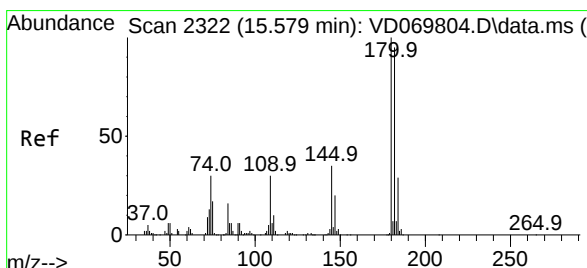
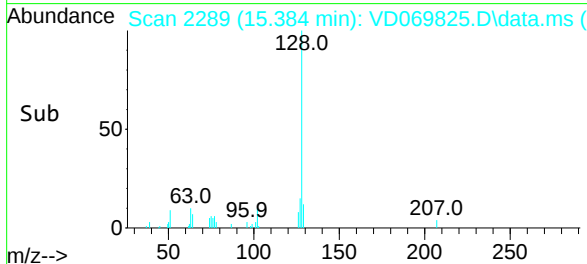
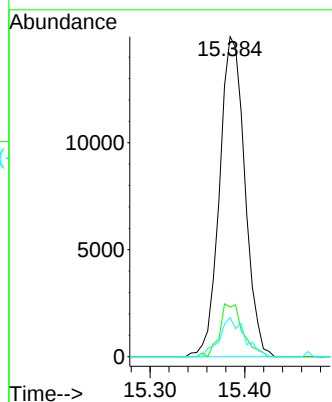
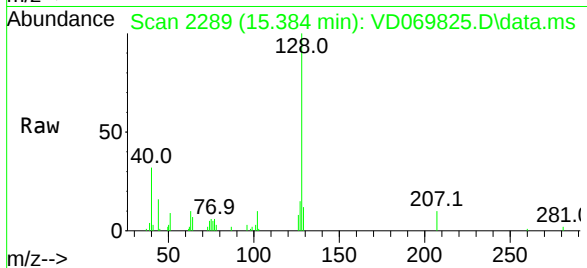




#95
Naphthalene
Concen: 2.329 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

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

Tgt Ion:	128	Resp:	27740
Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.6	16.0
129	12.1	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 2.450 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD069825.D
Acq: 23 Jul 2021 13:29

Tgt Ion:	180	Resp:	14138
Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	142.0
145	40.5	17.3	51.9

